

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074303.D
 Acq On : 15 Sep 2022 12:47
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	82058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	141950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	129331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63070	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41685	49.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.805	113	44779	46.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.880%		
50) Toluene-d8	10.269	98	173561	49.879	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.569	95	54513	44.031	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16625	24.330	ug/l	93
3) Chloromethane	2.140	50	14738	24.026	ug/l	97
4) Vinyl Chloride	2.275	62	14496	27.741	ug/l	97
5) Bromomethane	2.670	94	8416	30.584	ug/l	90
6) Chloroethane	2.828	64	8755	28.136	ug/l	96
7) Trichlorofluoromethane	3.164	101	30247	20.805	ug/l	88
8) Diethyl Ether	3.587	74	10062	21.451	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.952	101	20775	22.209	ug/l	96
10) Methyl Iodide	4.152	142	21580	19.358	ug/l	99
11) Tert butyl alcohol	5.064	59	6729	98.622	ug/l #	74
12) 1,1-Dichloroethene	3.934	96	19333	21.410	ug/l	88
13) Acrolein	3.799	56	5559	76.650	ug/l	95
14) Allyl chloride	4.552	41	29013	20.703	ug/l	99
15) Acrylonitrile	5.252	53	23408	107.035	ug/l	98
16) Acetone	4.028	43	19414	112.426	ug/l	93
17) Carbon Disulfide	4.264	76	58557	22.480	ug/l	99
18) Methyl Acetate	4.564	43	13641	23.611	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	43019	19.667	ug/l	99
20) Methylene Chloride	4.799	84	30523	26.124	ug/l #	82
21) trans-1,2-Dichloroethene	5.311	96	21018	20.633	ug/l	95
22) Diisopropyl ether	6.216	45	63010	21.188	ug/l	95
23) Vinyl Acetate	6.152	43	131281	93.485	ug/l	100
24) 1,1-Dichloroethane	6.105	63	39446	21.472	ug/l	97
25) 2-Butanone	7.081	43	29914	103.867	ug/l	95
26) 2,2-Dichloropropane	7.075	77	31509	19.632	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	24409	20.972	ug/l	99
28) Bromochloromethane	7.422	49	9634	17.076	ug/l #	97
29) Tetrahydrofuran	7.446	42	18540	104.419	ug/l	99
30) Chloroform	7.593	83	38692	21.220	ug/l	97
31) Cyclohexane	7.875	56	36404	21.056	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	34334	21.461	ug/l	99
36) 1,1-Dichloropropene	8.010	75	30389	19.779	ug/l	98
37) Ethyl Acetate	7.163	43	13971	20.969	ug/l #	96
38) Carbon Tetrachloride	7.987	117	27659	19.897	ug/l	85
39) Methylcyclohexane	9.275	83	35934	18.894	ug/l	95
40) Benzene	8.252	78	88172	20.736	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7143	19.248	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	23483	20.898	ug/l	97
43) Isopropyl Acetate	8.357	43	24633	19.140	ug/l	98
44) Trichloroethene	9.028	130	23214	19.669	ug/l	89
45) 1,2-Dichloropropane	9.299	63	22910	20.731	ug/l	96
46) Dibromomethane	9.393	93	12000	20.915	ug/l	91
47) Bromodichloromethane	9.581	83	29367	20.344	ug/l	91
48) Methyl methacrylate	9.375	41	11457	18.849	ug/l	95
49) 1,4-Dioxane	9.375	88	2738	402.977	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	64905	99.783	ug/l	98
52) Toluene	10.328	92	54841	20.108	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	25684	18.876	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	31995	19.085	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16382	20.655	ug/l	95
56) Ethyl methacrylate	10.593	69	20561	19.511	ug/l	99
57) 1,3-Dichloropropane	10.875	76	29145	20.821	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	20018	97.136	ug/l	96
59) 2-Hexanone	10.916	43	43743	99.032	ug/l	99
60) Dibromochloromethane	11.069	129	19505	20.195	ug/l	99
61) 1,2-Dibromoethane	11.175	107	15265	20.221	ug/l	99
64) Tetrachloroethene	10.804	164	18507	18.716	ug/l	94
65) Chlorobenzene	11.604	112	57455	19.761	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	19844	19.057	ug/l	98
67) Ethyl Benzene	11.681	91	106659	19.639	ug/l	95
68) m/p-Xylenes	11.787	106	81717	39.644	ug/l	99
69) o-Xylene	12.116	106	38628	19.829	ug/l	98
70) Styrene	12.134	104	64511	19.855	ug/l	99
71) Bromoform	12.293	173	11428	19.713	ug/l #	98
73) Isopropylbenzene	12.416	105	103664	19.427	ug/l	99
74) N-amyl acetate	12.228	43	24308	19.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.663	83	19063	19.620	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	12571m	19.443	ug/l	
77) Bromobenzene	12.693	156	22479	19.197	ug/l	98
78) n-propylbenzene	12.757	91	130424	19.932	ug/l	99
79) 2-Chlorotoluene	12.840	91	69680	19.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	85666	19.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	4542	17.320	ug/l #	100
82) 4-Chlorotoluene	12.940	91	71591	19.866	ug/l	100
83) tert-Butylbenzene	13.157	119	71493	18.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	85173	19.845	ug/l	98
85) sec-Butylbenzene	13.340	105	111592	19.037	ug/l	99
86) p-Isopropyltoluene	13.451	119	93975	19.628	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	46060	19.286	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	45246	19.266	ug/l	97
89) n-Butylbenzene	13.781	91	91759	19.613	ug/l	98
90) Hexachloroethane	14.040	117	17478	19.955	ug/l	99
91) 1,2-Dichlorobenzene	13.822	146	38756	18.660	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2691	19.710	ug/l	92
93) 1,2,4-Trichlorobenzene	15.087	180	26981	18.793	ug/l	97
94) Hexachlorobutadiene	15.192	225	14827	18.073	ug/l	100
95) Naphthalene	15.322	128	49949	18.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	22627	18.359	ug/l	96

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ClientSampleId :
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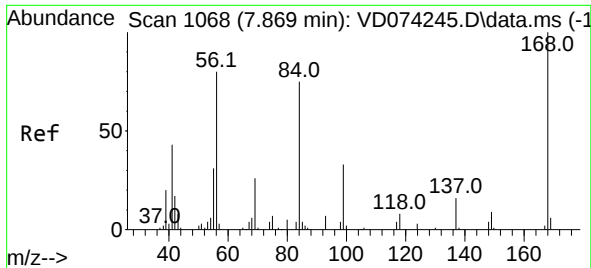
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:55:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

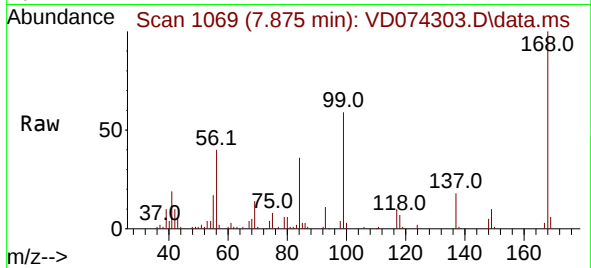
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074303.D
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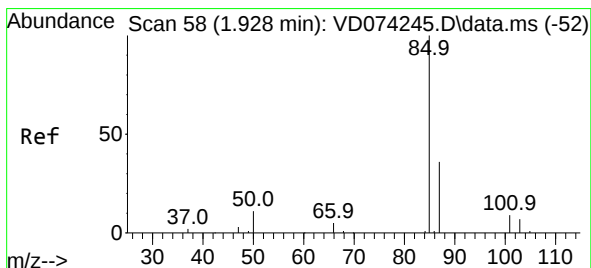
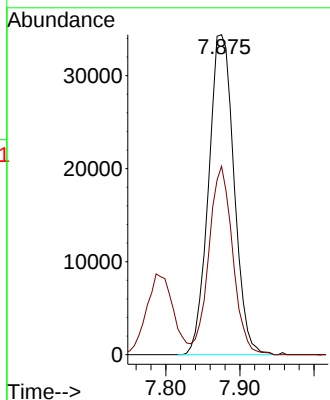
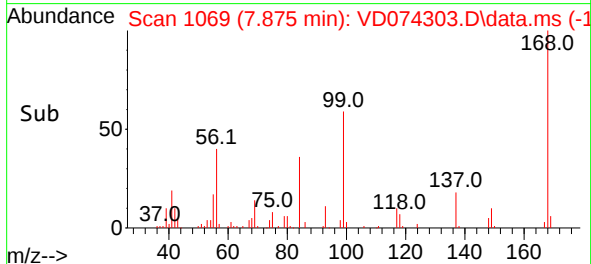
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion:168 Resp: 82058
Ion Ratio Lower Upper
168 100
99 58.9 43.0 64.6

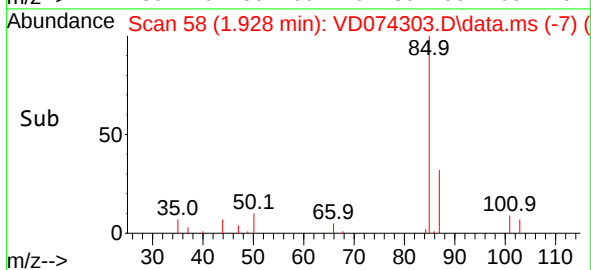
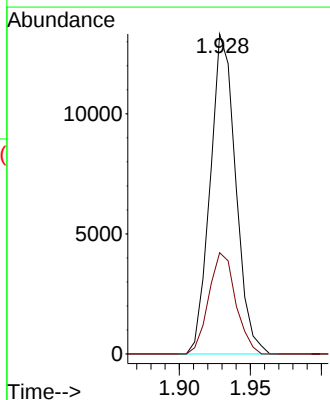
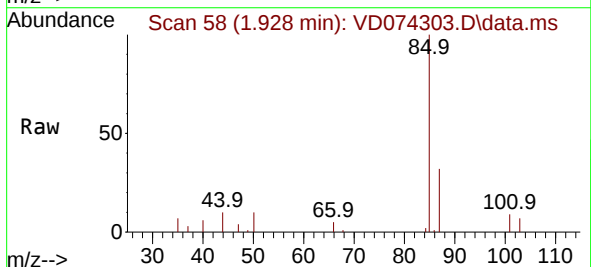
Manual Integrations
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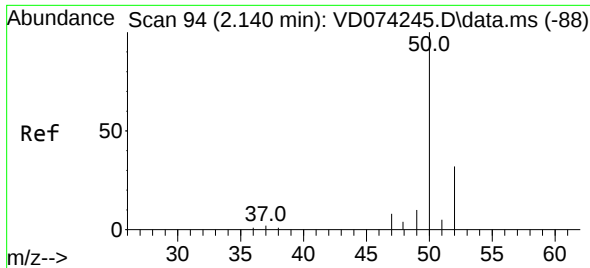
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 24.330 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

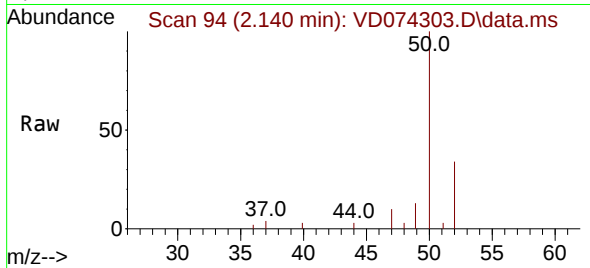
Tgt Ion: 85 Resp: 16625
Ion Ratio Lower Upper
85 100
87 31.7 17.9 53.7





#3
Chloromethane
Concen: 24.026 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

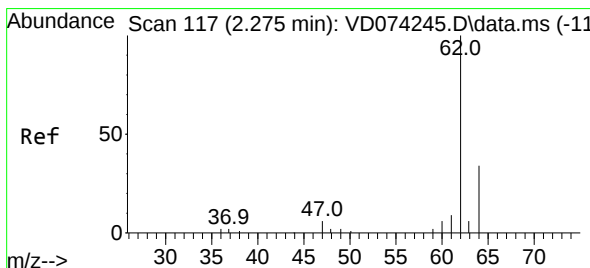
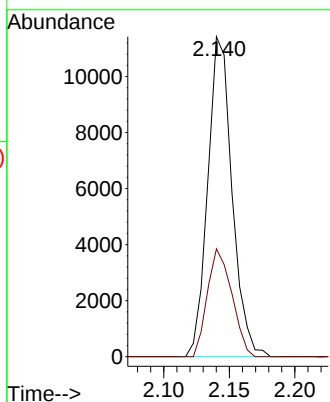
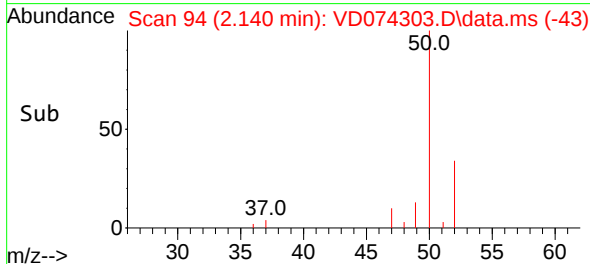
Instrument :
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ClientSampleId :
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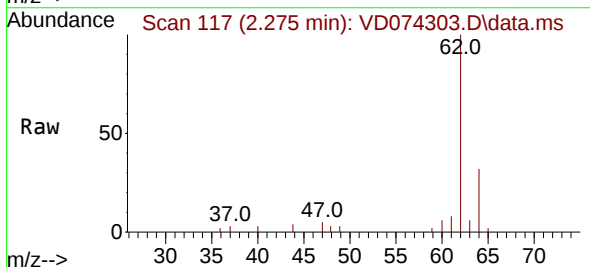
Tgt Ion: 50 Resp: 14738
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8

Manual Integrations
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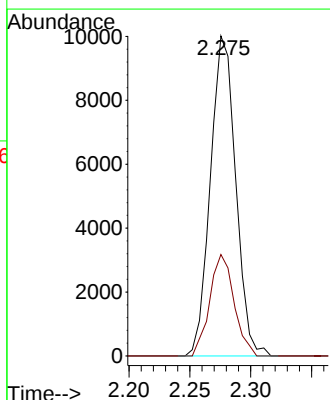
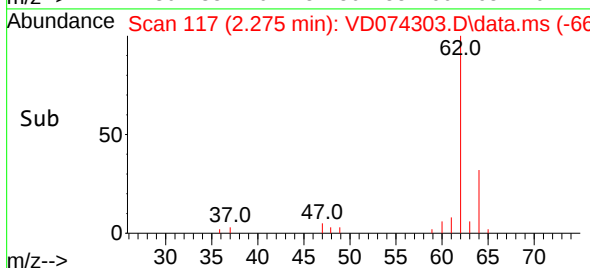
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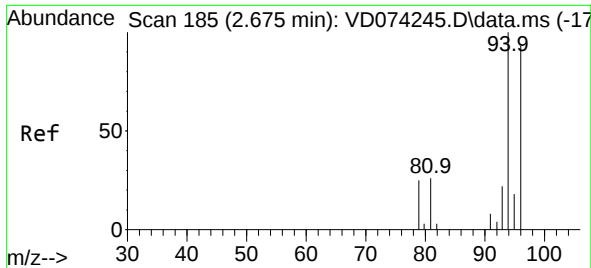


#4
Vinyl Chloride
Concen: 27.741 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



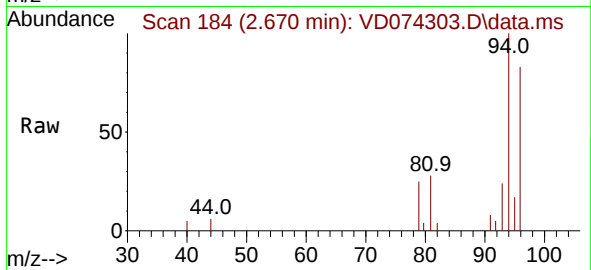
Tgt Ion: 62 Resp: 14496
Ion Ratio Lower Upper
62 100
64 31.7 27.0 40.4





#5
Bromomethane
Concen: 30.584 ug/l
RT: 2.670 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

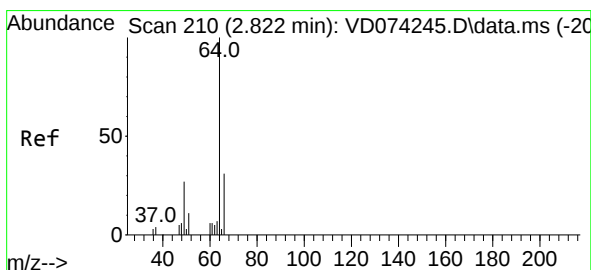
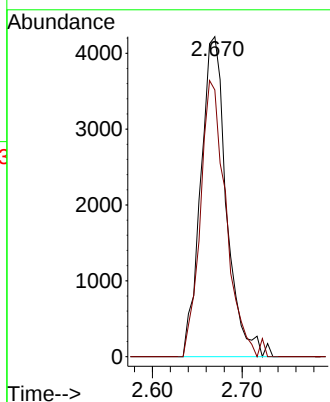
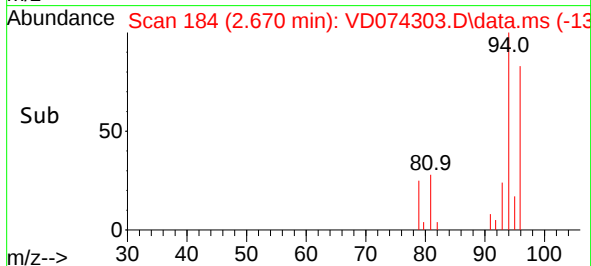
Instrument :
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Tgt Ion: 94 Resp: 8410
Ion Ratio Lower Upper
94 100
96 83.3 74.6 112.0

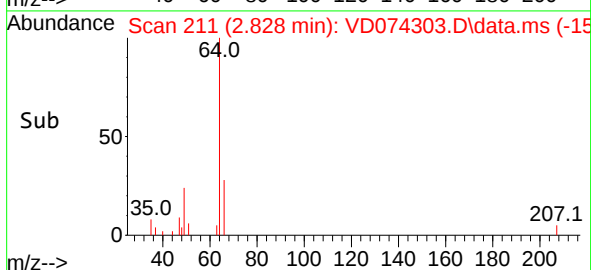
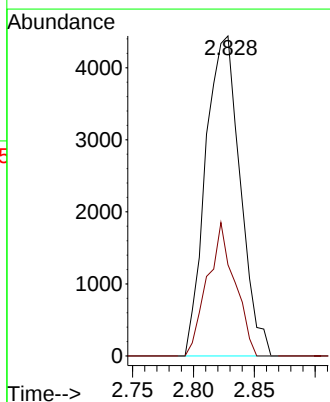
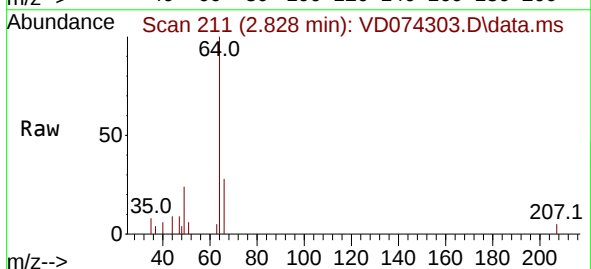
Manual Integrations
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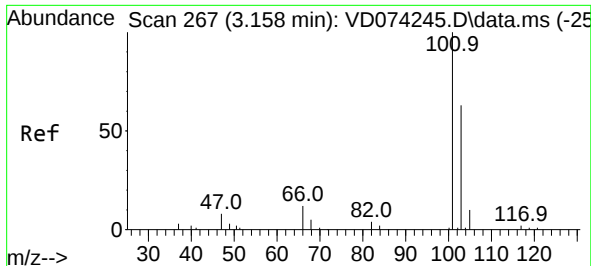
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#6
Chloroethane
Concen: 28.136 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

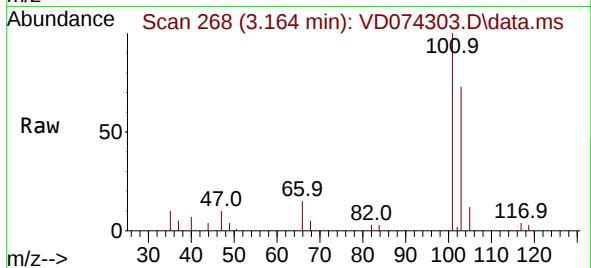
Tgt Ion: 64 Resp: 8755
Ion Ratio Lower Upper
64 100
66 28.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.805 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074303.D
 Acq: 15 Sep 2022 12:47

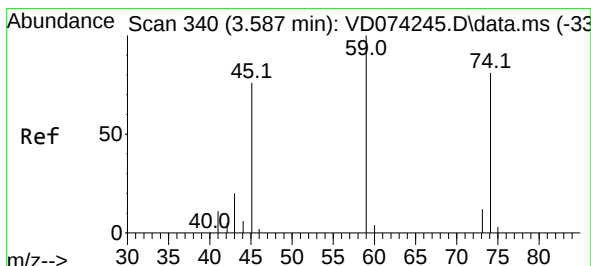
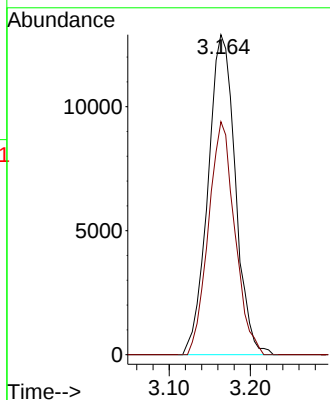
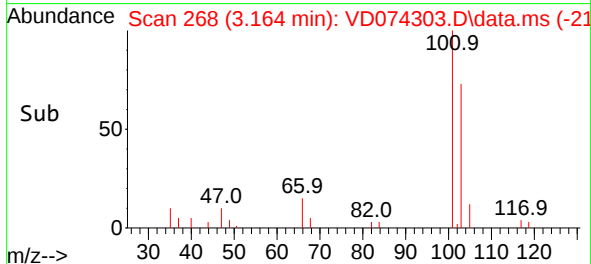
Instrument :
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 VD0915SBS01



Tgt Ion:101 Resp: 3024
 Ion Ratio Lower Upper
 101 100
 103 72.8 50.6 76.0

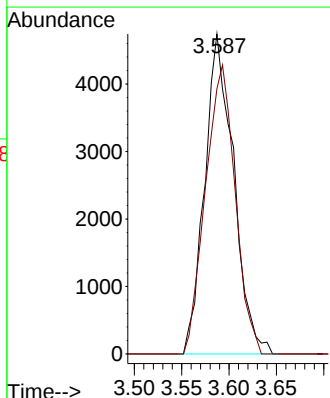
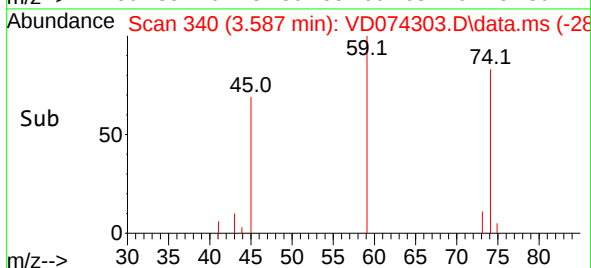
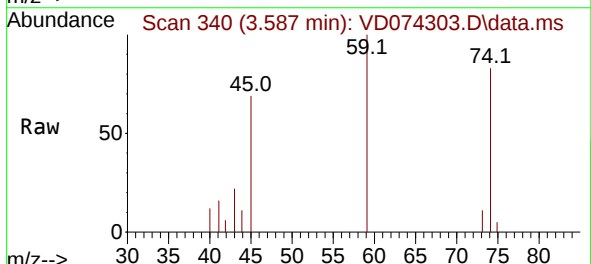
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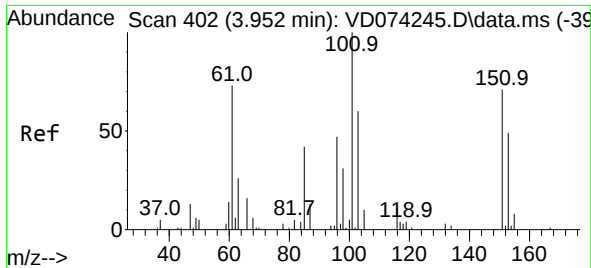
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#8
 Diethyl Ether
 Concen: 21.451 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 10062
 Ion Ratio Lower Upper
 74 100
 45 92.7 47.9 143.6





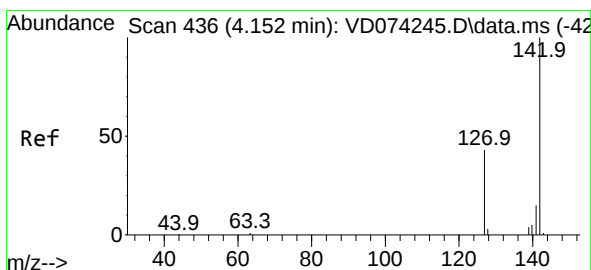
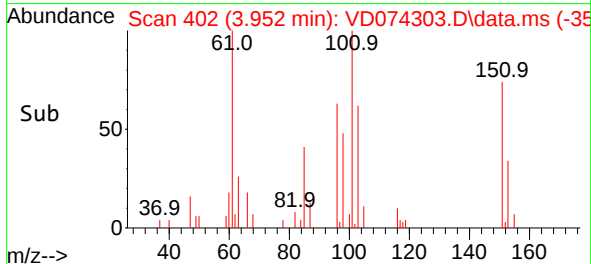
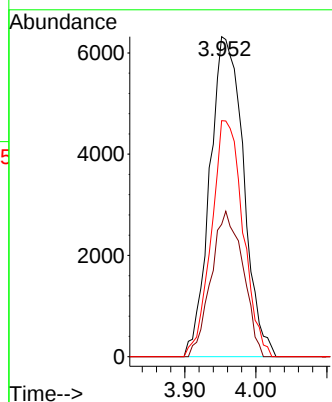
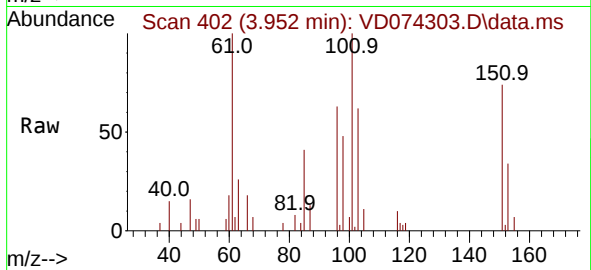
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.209 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion:101 Resp: 20775
Ion Ratio Lower Upper
101 100
85 43.0 35.0 52.4
151 69.3 59.7 89.5

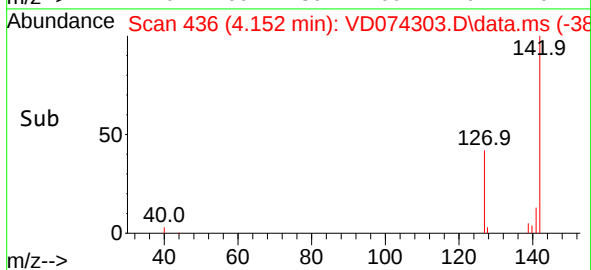
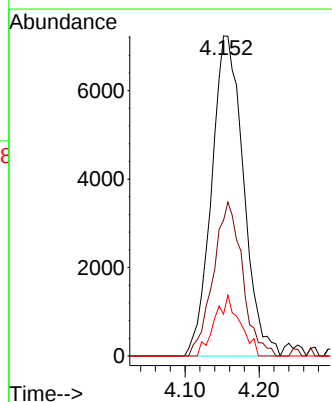
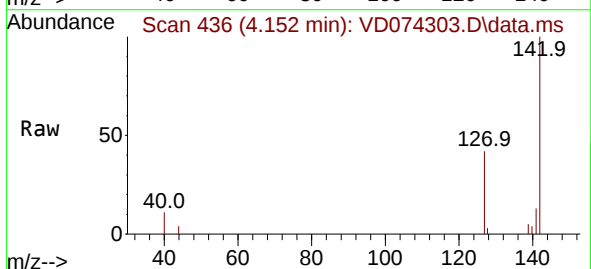
Manual Integrations
APPROVED

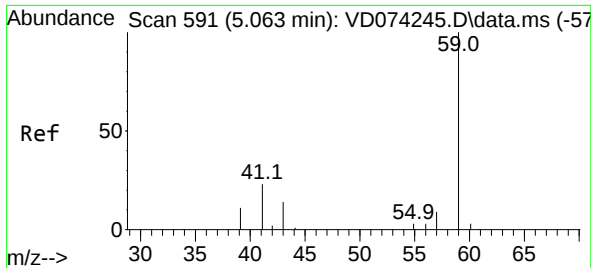
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 19.358 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

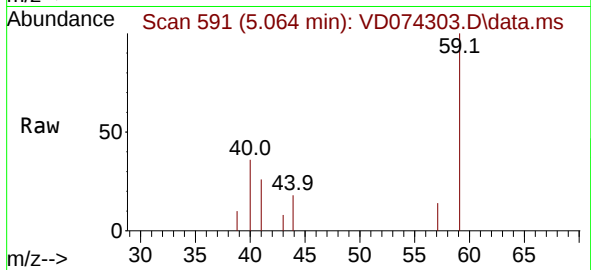
Tgt Ion:142 Resp: 21580
Ion Ratio Lower Upper
142 100
127 44.1 34.6 51.8
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 98.622 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

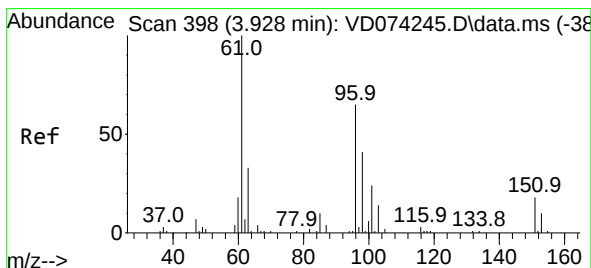
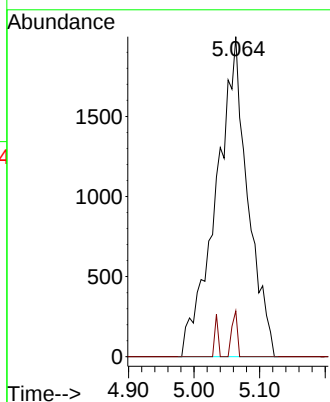
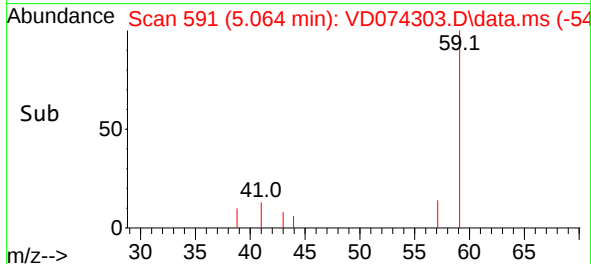
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



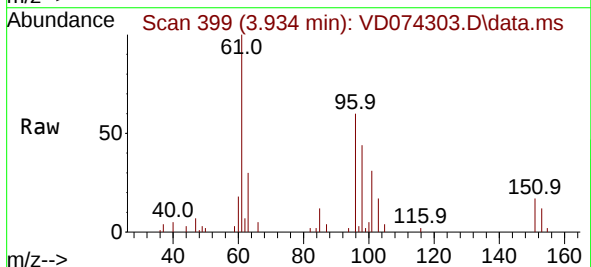
Tgt Ion: 59 Resp: 6729
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5

Manual Integrations
APPROVED

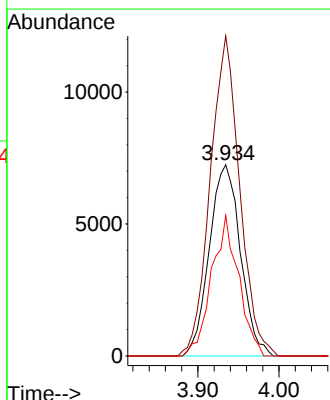
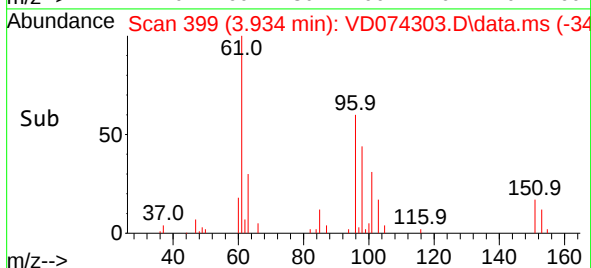
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

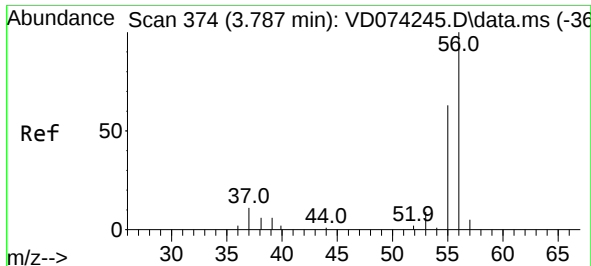


#12
1,1-Dichloroethene
Concen: 21.410 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



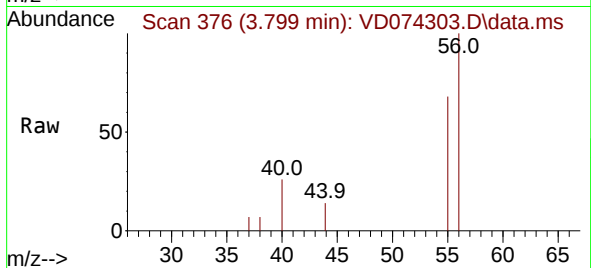
Tgt Ion: 96 Resp: 19333
Ion Ratio Lower Upper
96 100
61 167.4 122.3 183.5
98 73.5 50.7 76.1





#13
Acrolein
Concen: 76.650 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

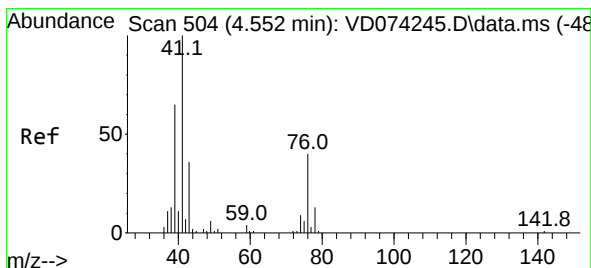
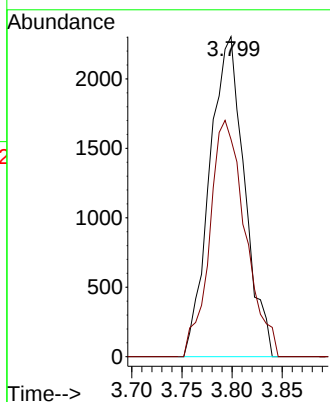
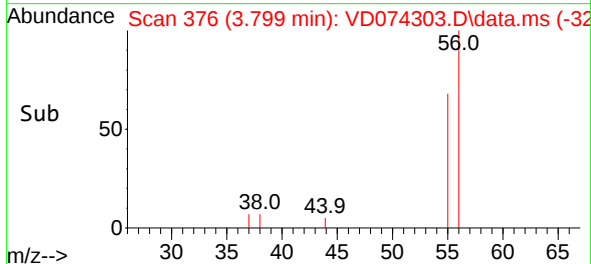
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 56 Resp: 555
Ion Ratio Lower Upper
56 100
55 76.1 57.4 86.2

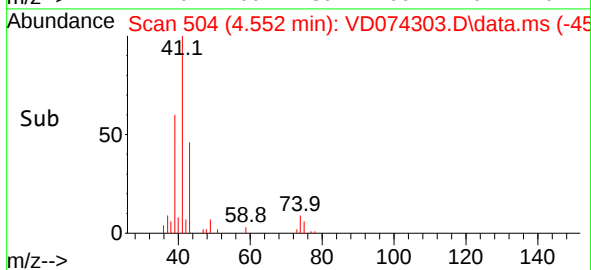
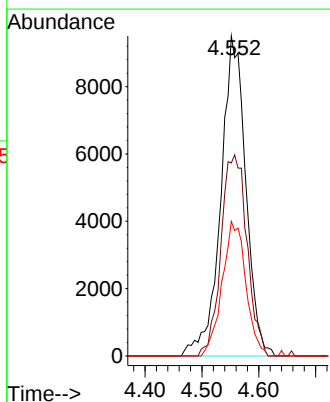
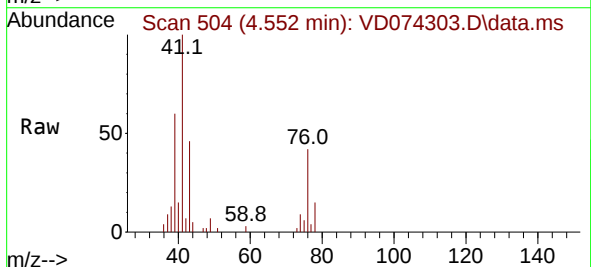
Manual Integrations
APPROVED

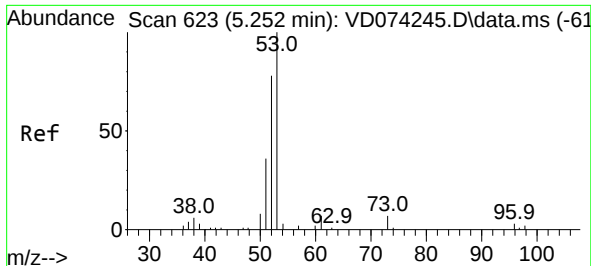
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 20.703 ug/l
RT: 4.552 min Scan# 504
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

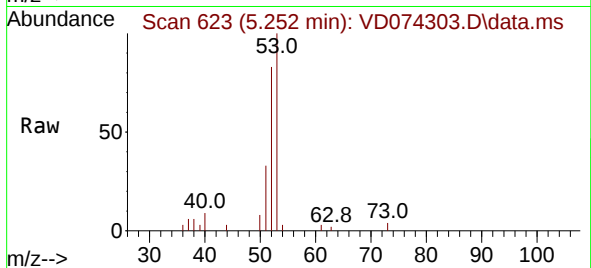
Tgt Ion: 41 Resp: 29013
Ion Ratio Lower Upper
41 100
39 65.5 52.8 79.2
76 39.9 32.9 49.3





#15
Acrylonitrile
Concen: 107.035 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

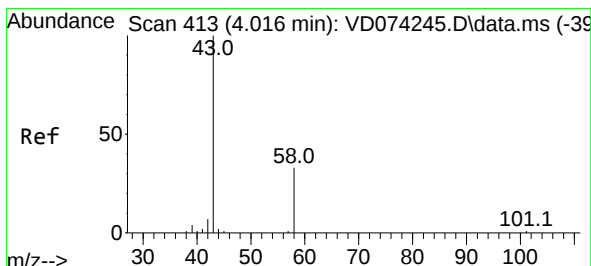
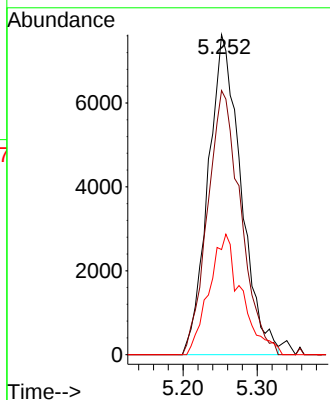
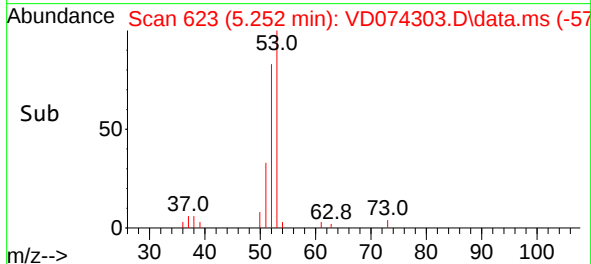
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



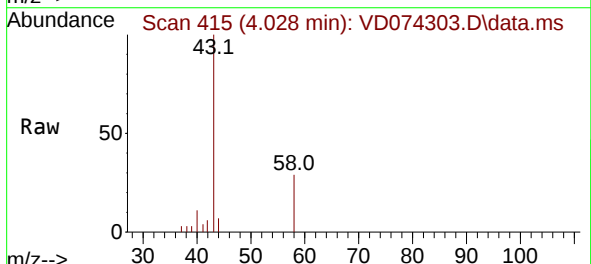
Tgt Ion: 53 Resp: 23408
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 37.6 29.0 43.6

Manual Integrations
APPROVED

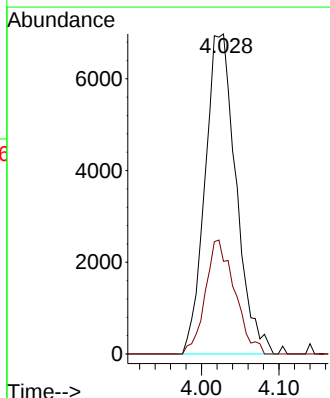
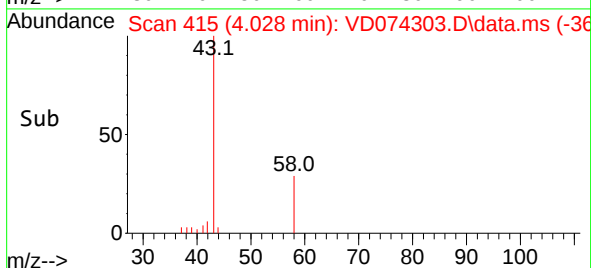
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

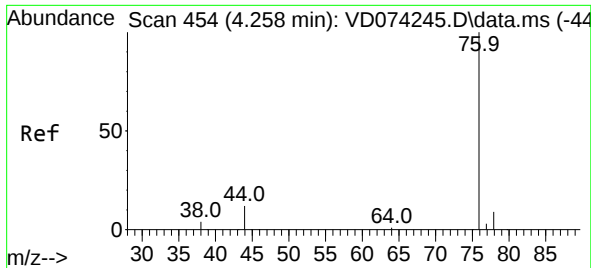


#16
Acetone
Concen: 112.426 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



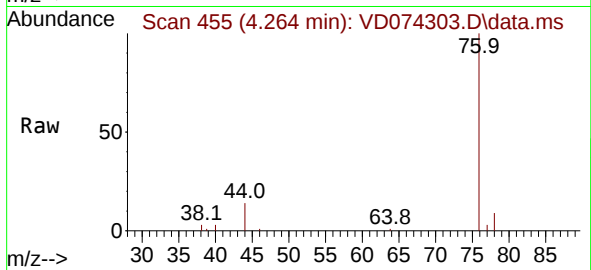
Tgt Ion: 43 Resp: 19414
Ion Ratio Lower Upper
43 100
58 29.0 26.4 39.6





#17
Carbon Disulfide
Concen: 22.480 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

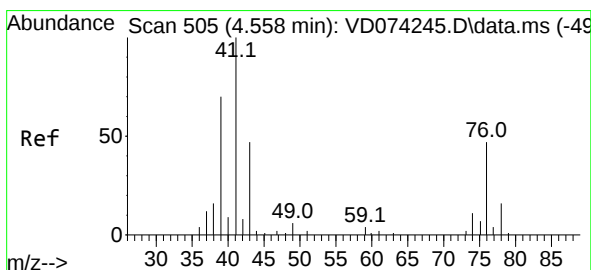
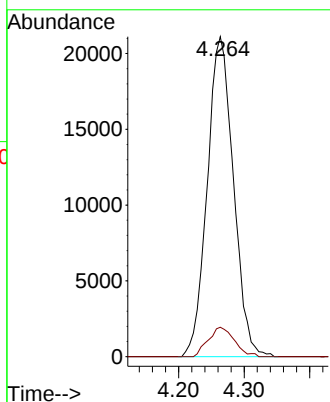
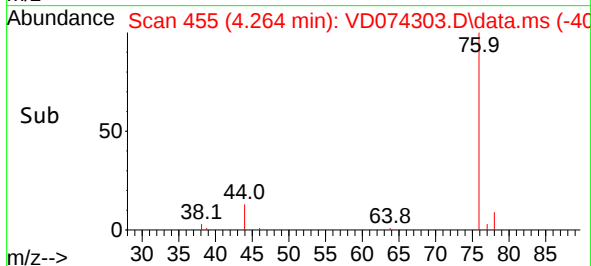
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 76 Resp: 5855
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

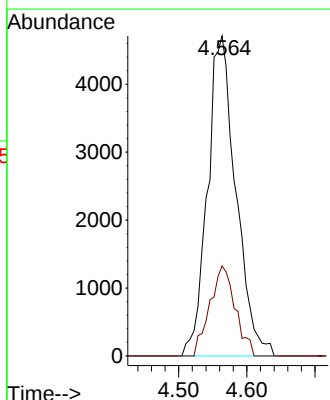
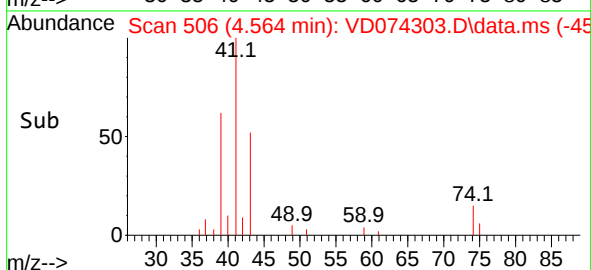
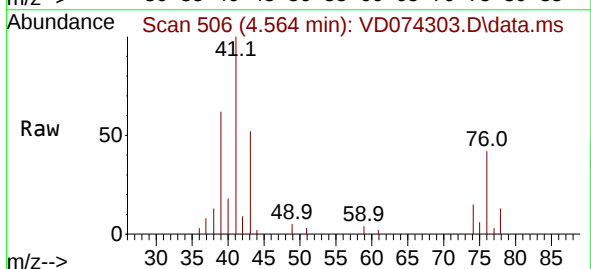
Manual Integrations
APPROVED

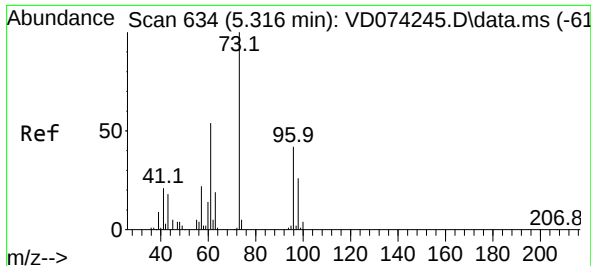
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 23.611 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion: 43 Resp: 13641
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 19.667 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 73 Resp: 43019

Ion Ratio Lower Upper

73 100

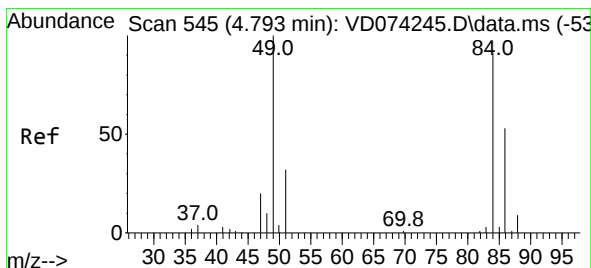
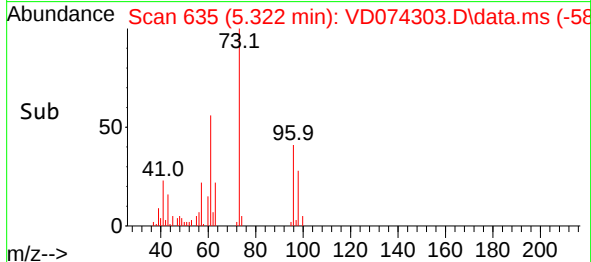
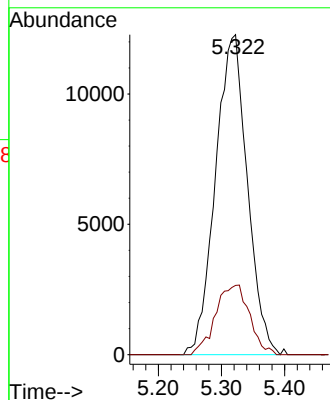
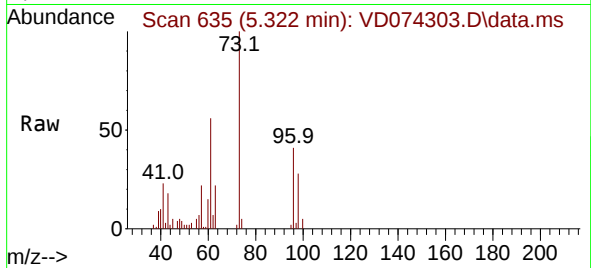
57 21.7 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#20

Methylene Chloride

Concen: 26.124 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion: 84 Resp: 30523

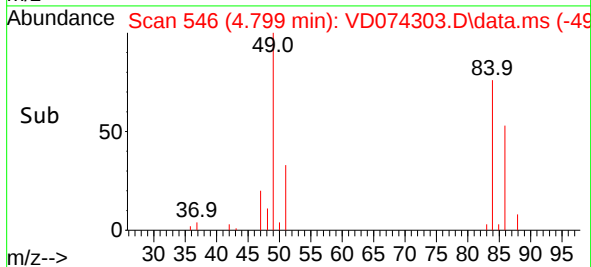
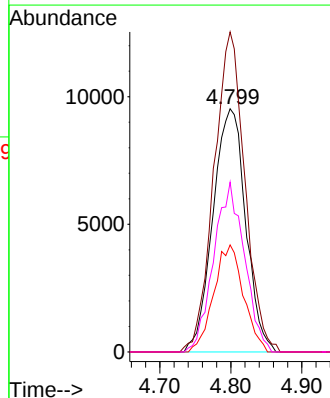
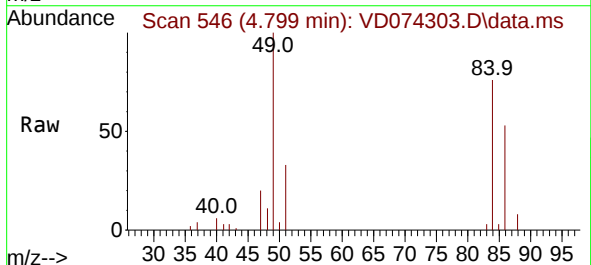
Ion Ratio Lower Upper

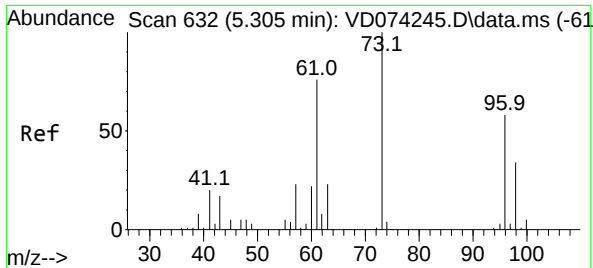
84 100

49 131.6 88.4 132.6

51 44.0 28.0 42.0#

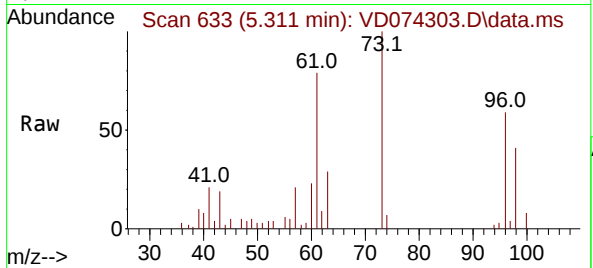
86 69.8 47.1 70.7





#21
trans-1,2-Dichloroethene
Concen: 20.633 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

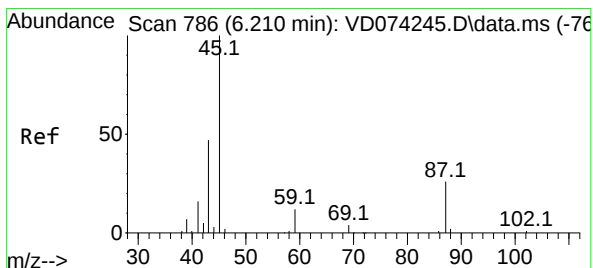
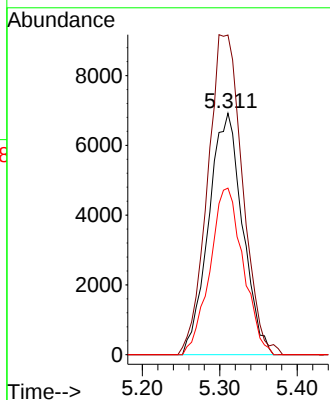
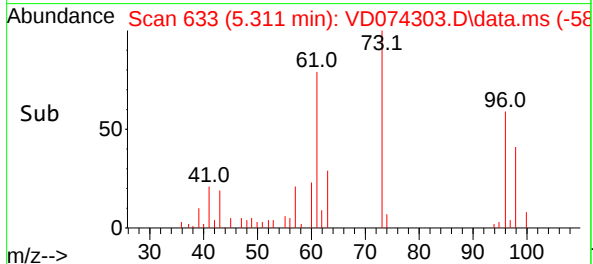
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 96 Resp: 21018
Ion Ratio Lower Upper
96 100
61 132.4 105.1 157.7
98 69.0 47.4 71.2

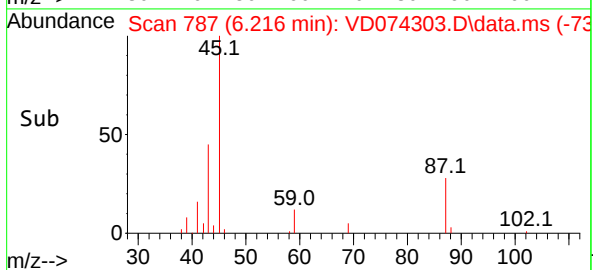
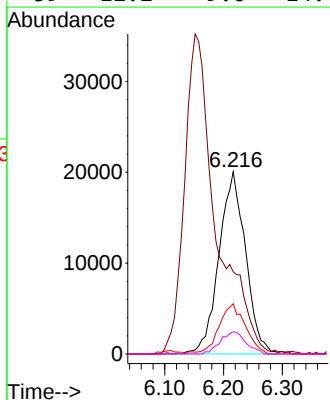
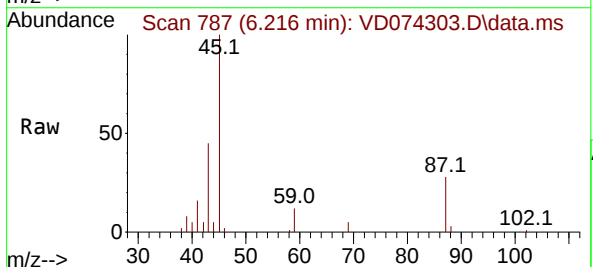
Manual Integrations
APPROVED

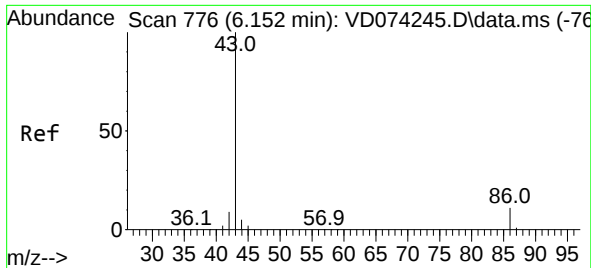
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 21.188 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

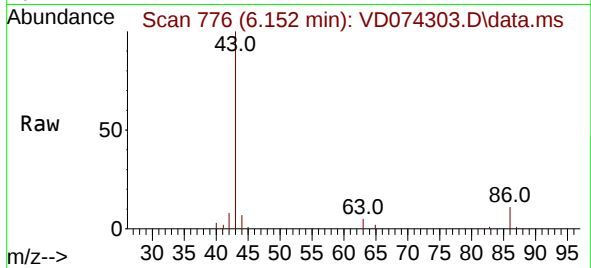
Tgt Ion: 45 Resp: 63010
Ion Ratio Lower Upper
45 100
43 43.9 38.9 58.3
87 27.5 21.0 31.4
59 12.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 93.485 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074303.D
 Acq: 15 Sep 2022 12:47

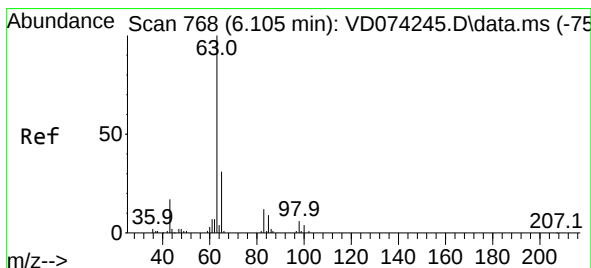
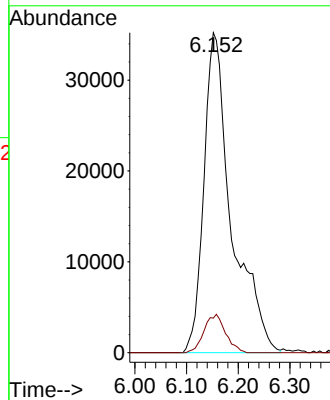
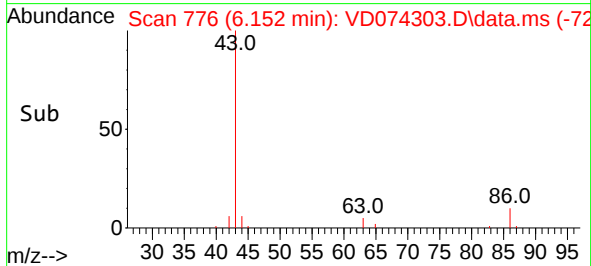
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01



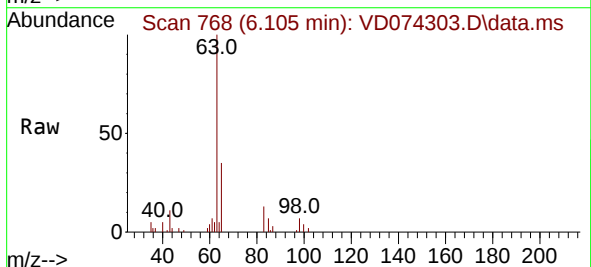
Tgt Ion: 43 Resp: 13128
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

Manual Integrations
 APPROVED

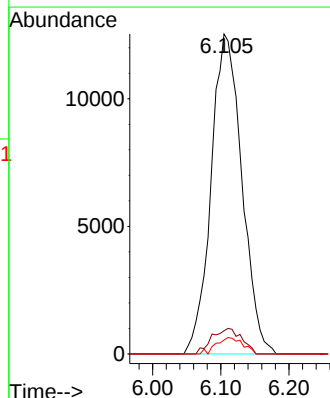
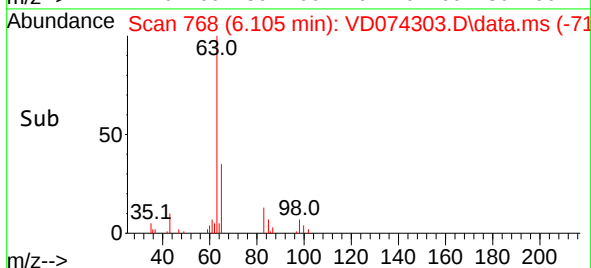
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

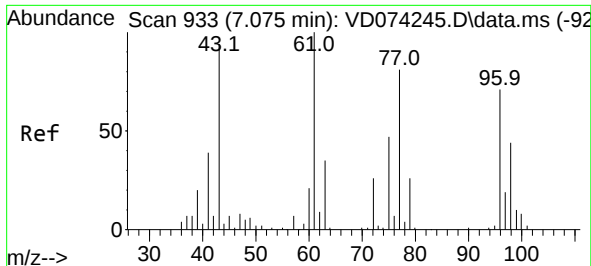


#24
 1,1-Dichloroethane
 Concen: 21.472 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD074303.D
 Acq: 15 Sep 2022 12:47



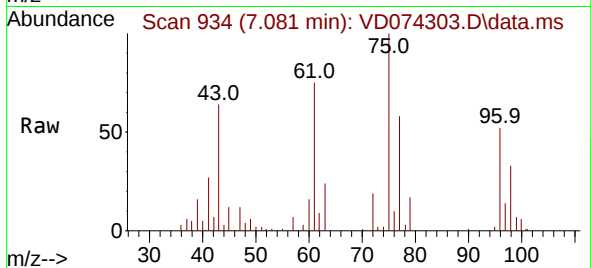
Tgt Ion: 63 Resp: 39446
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.8 8.4
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 103.867 ug/l
RT: 7.081 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

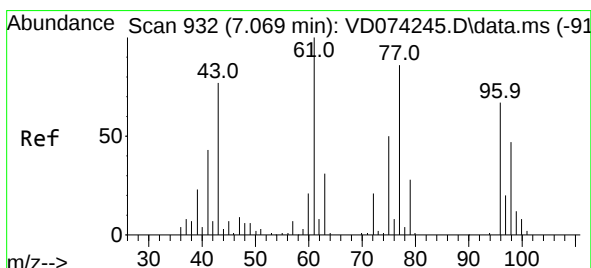
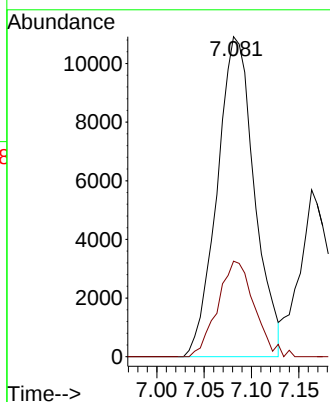
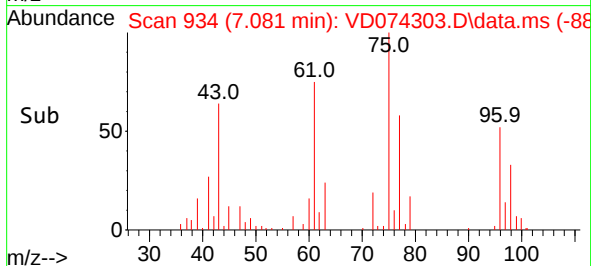
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 43 Resp: 29914
Ion Ratio Lower Upper
43 100
72 29.8 21.8 32.6

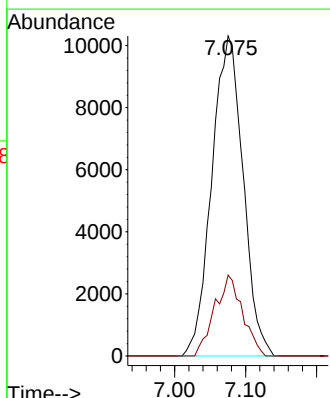
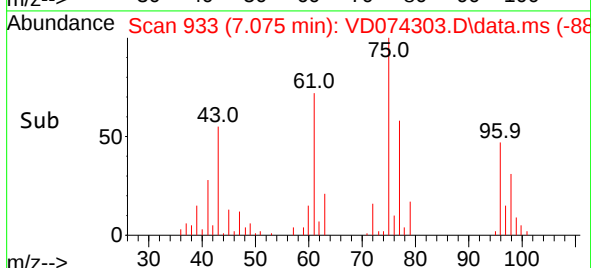
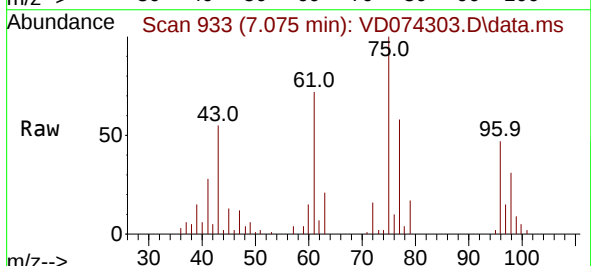
Manual Integrations
APPROVED

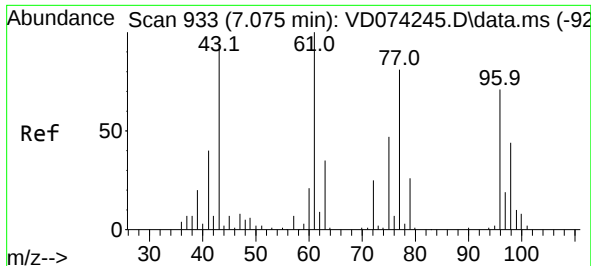
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 19.632 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion: 77 Resp: 31509
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.972 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 96 Resp: 24409

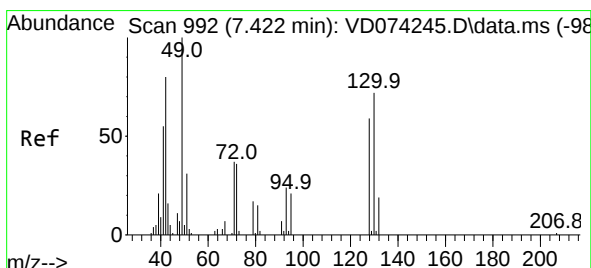
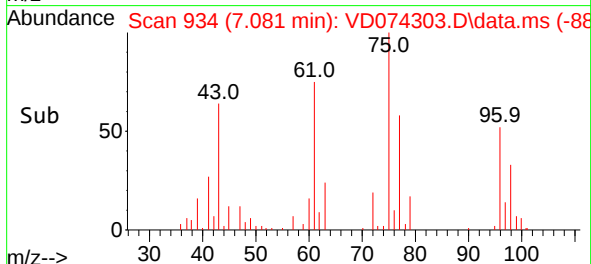
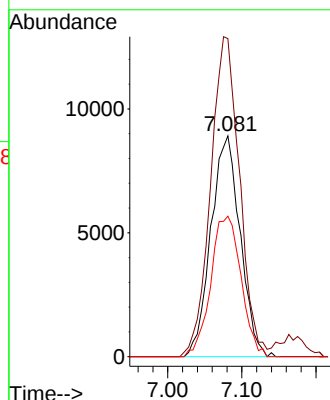
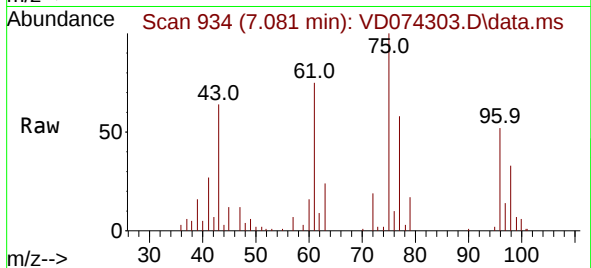
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	289.4
98	65.9	0.0	130.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 17.076 ug/l

RT: 7.422 min Scan# 992

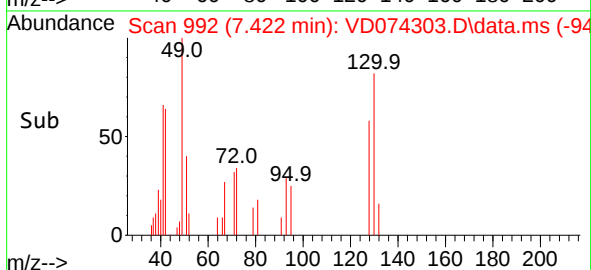
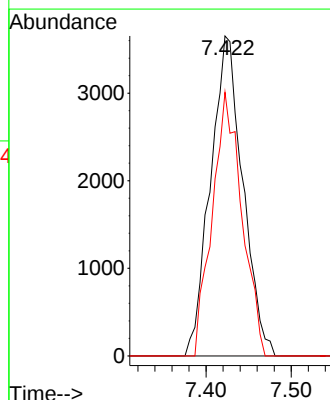
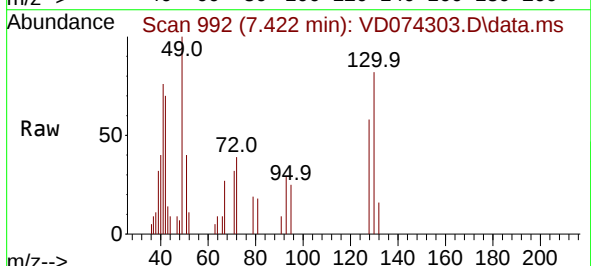
Delta R.T. 0.000 min

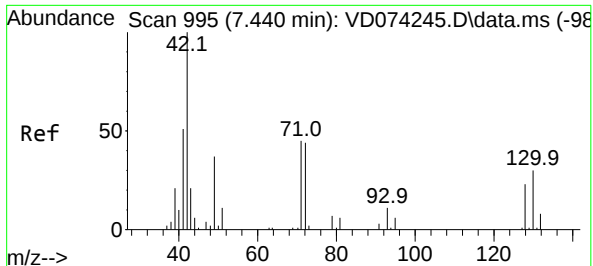
Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion: 49 Resp: 9634

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	75.2	62.2	93.2





#29

Tetrahydrofuran

Concen: 104.419 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

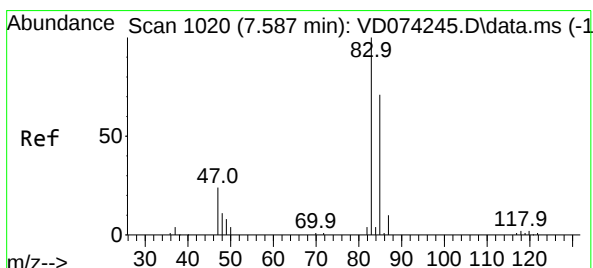
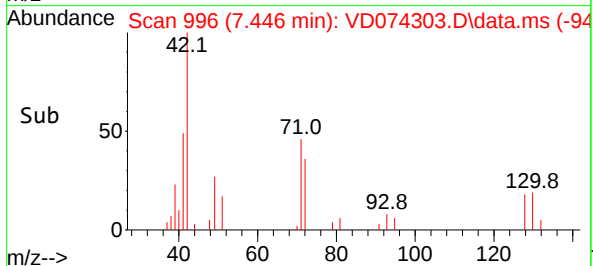
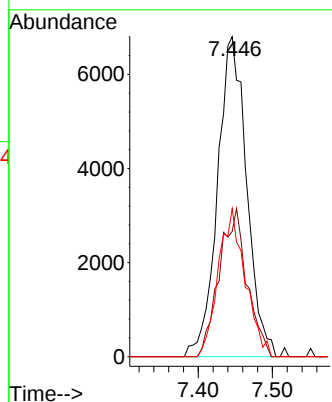
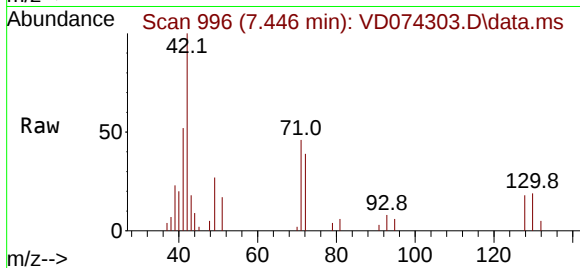
Tgt Ion:	42	Resp:	18540
Ion Ratio	Lower	Upper	
42	100		
72	44.2	36.1	54.1
71	42.7	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 21.220 ug/l

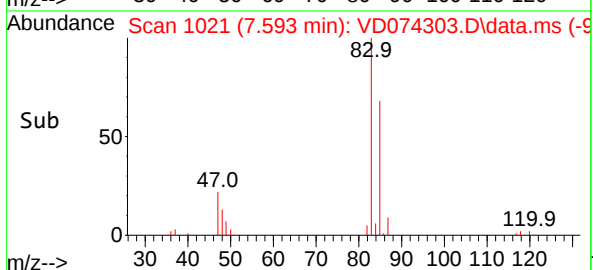
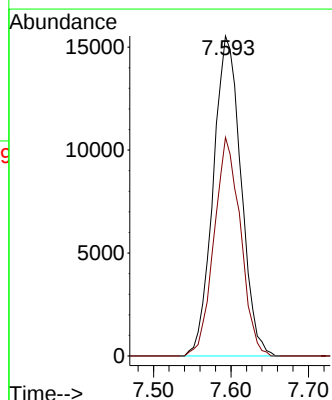
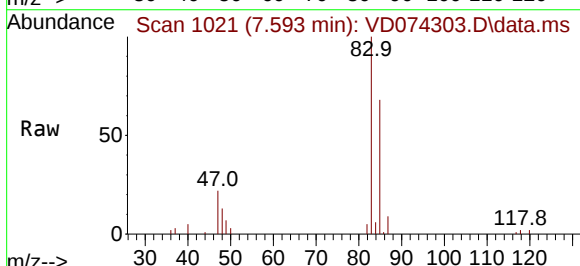
RT: 7.593 min Scan# 1021

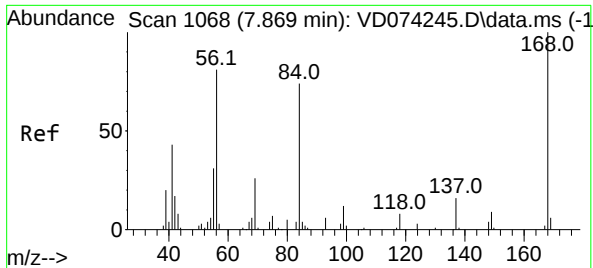
Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

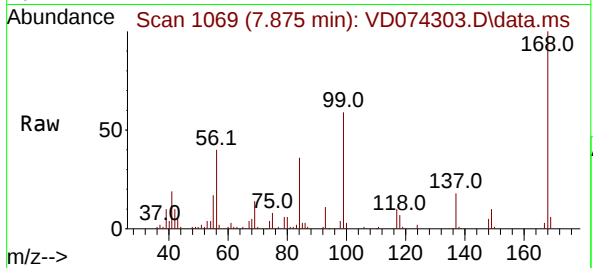
Tgt Ion:	83	Resp:	38692
Ion Ratio	Lower	Upper	
83	100		
85	68.3	56.7	85.1





#31
Cyclohexane
Concen: 21.056 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

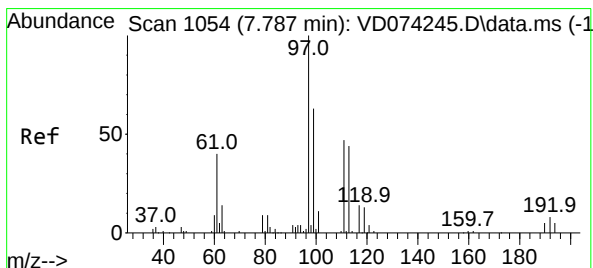
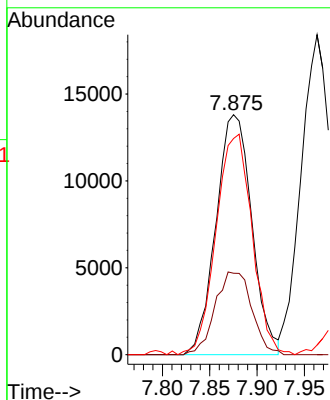
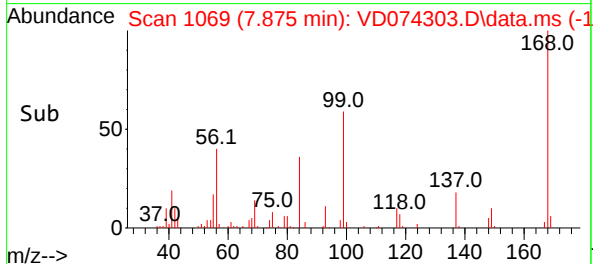
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



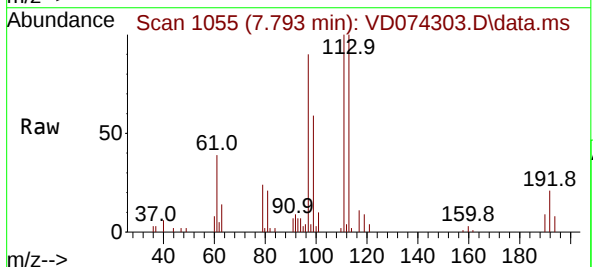
Tgt Ion: 56 Resp: 36404
Ion Ratio Lower Upper
56 100
69 33.9 25.7 38.5
84 90.1 73.9 110.9

Manual Integrations
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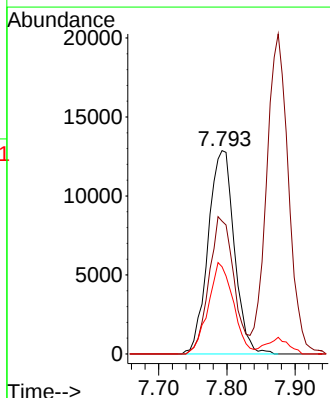
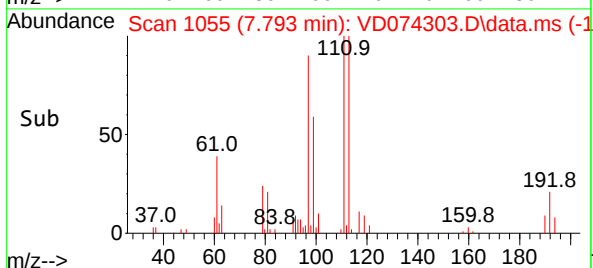
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

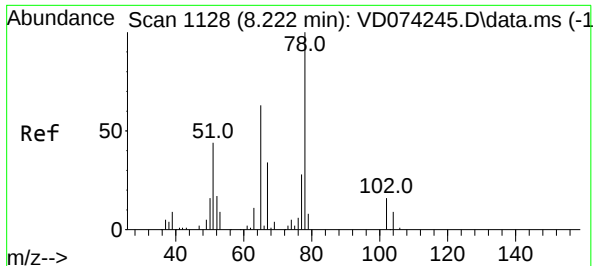


#32
1,1,1-Trichloroethane
Concen: 21.461 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



Tgt Ion: 97 Resp: 34334
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.827 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 65 Resp: 4168

Ion Ratio Lower Upper

65 100

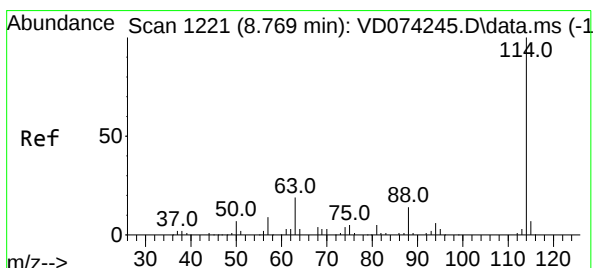
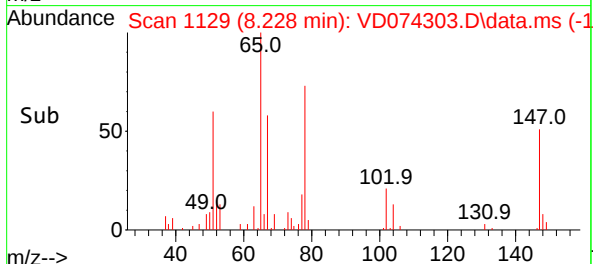
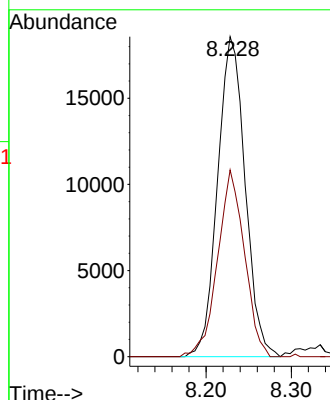
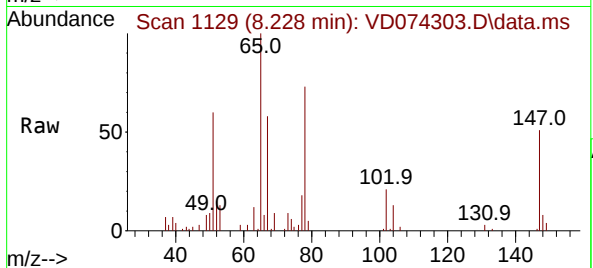
67 56.9 0.0 110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

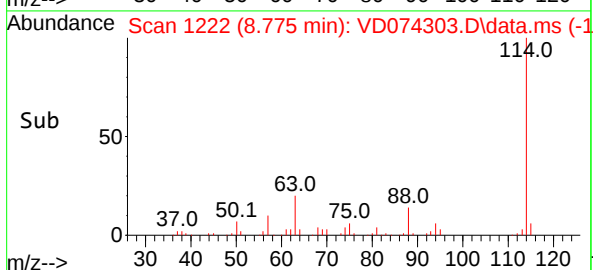
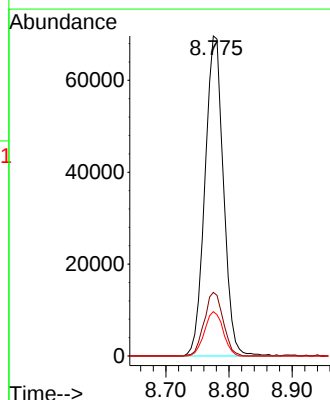
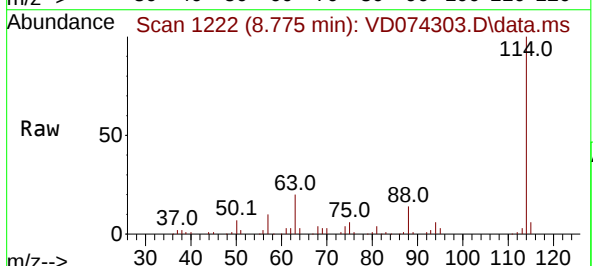
Tgt Ion:114 Resp: 141950

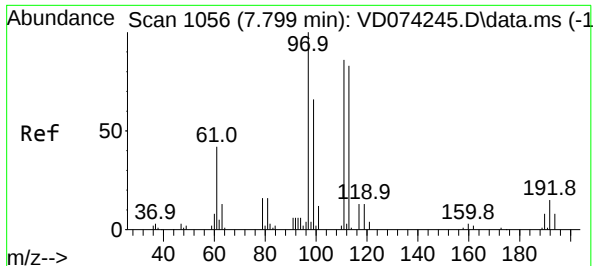
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 13.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 46.937 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 113 Resp: 44779

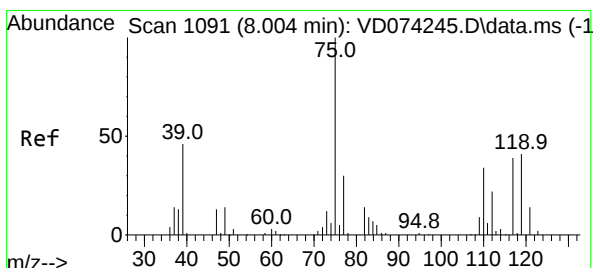
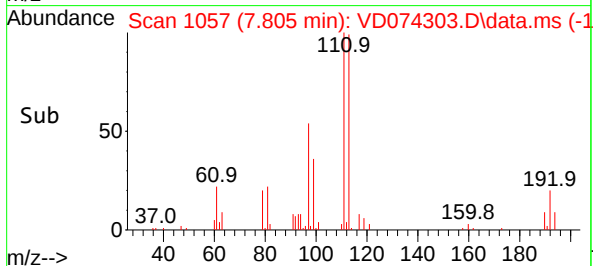
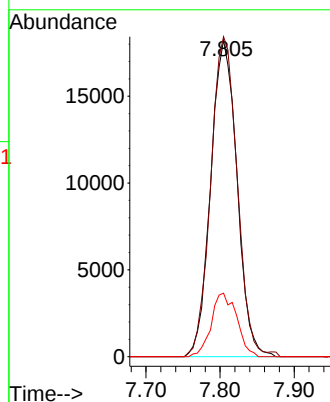
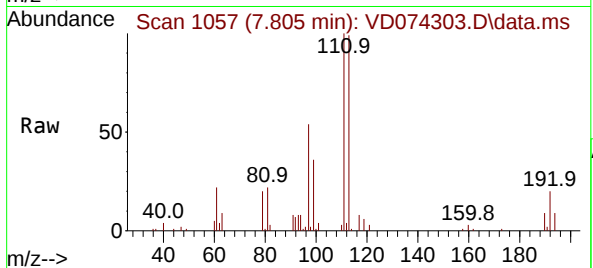
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	19.5	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 19.779 ug/l

RT: 8.010 min Scan# 1092

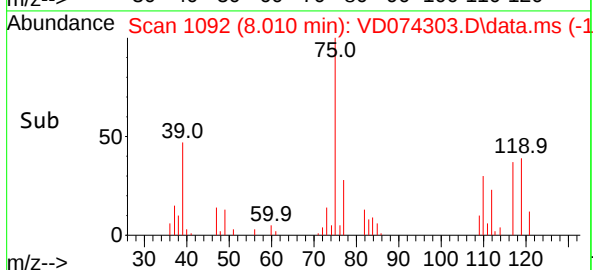
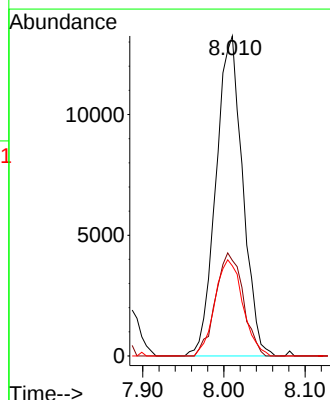
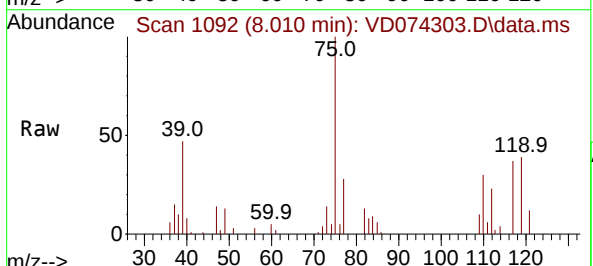
Delta R.T. 0.006 min

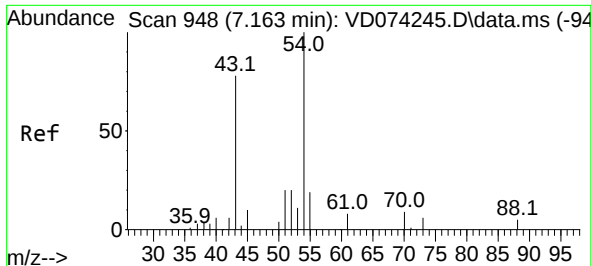
Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion: 75 Resp: 30389

Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.5	52.5
77	31.4	24.8	37.2





#37

Ethyl Acetate

Concen: 20.969 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 43 Resp: 1397

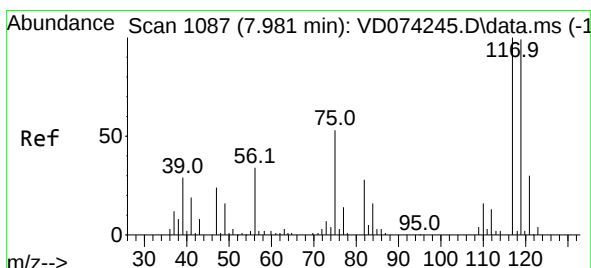
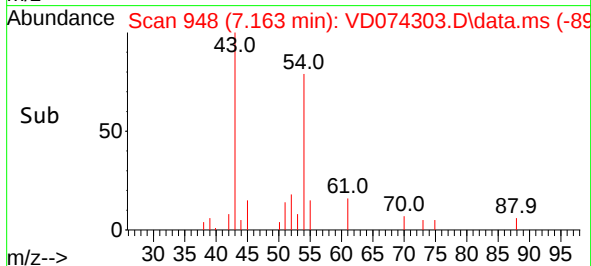
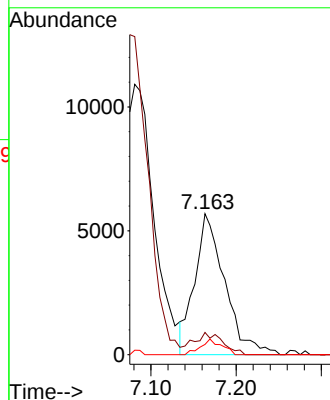
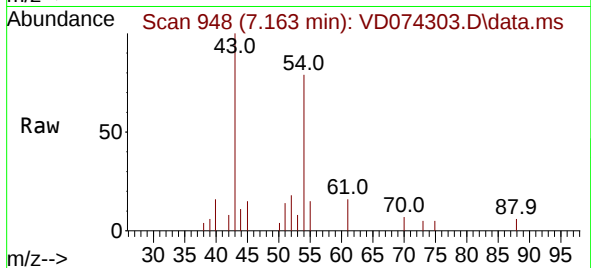
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	7.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 19.897 ug/l

RT: 7.987 min Scan# 1088

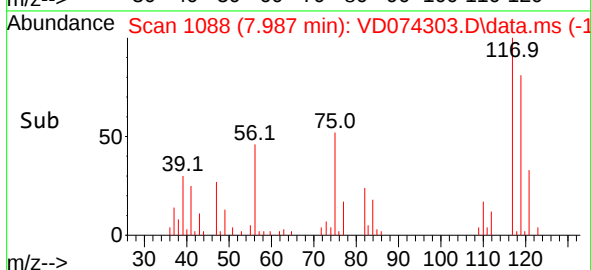
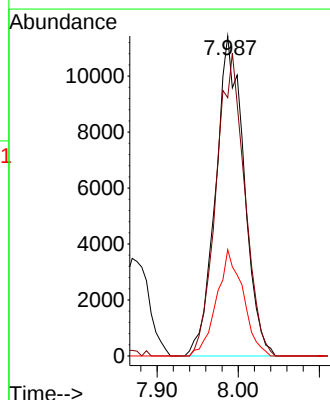
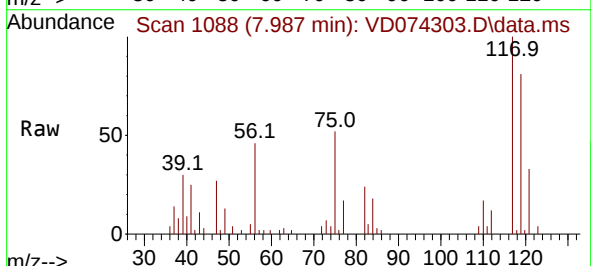
Delta R.T. 0.006 min

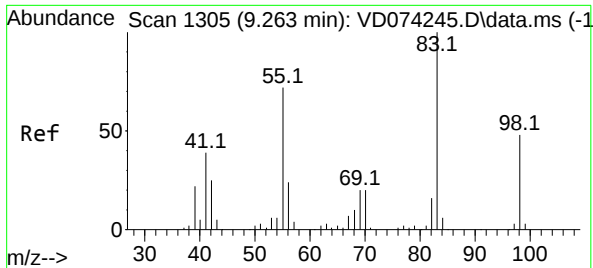
Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion:117 Resp: 27659

Ion	Ratio	Lower	Upper
117	100		
119	80.7	78.8	118.2
121	33.2	23.9	35.9





#39

Methylcyclohexane

Concen: 18.894 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

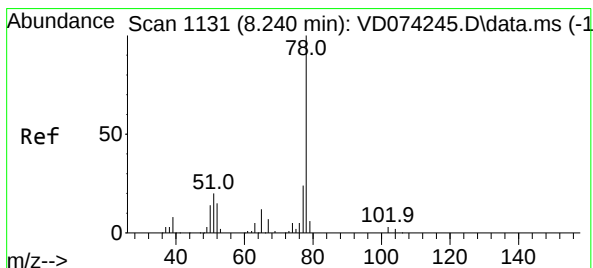
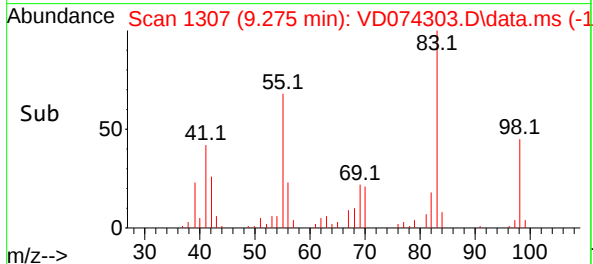
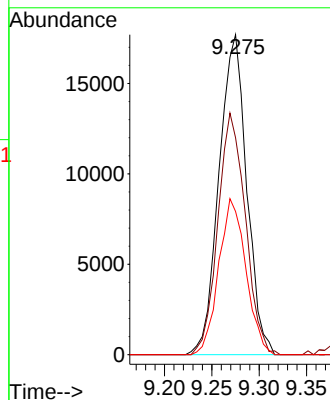
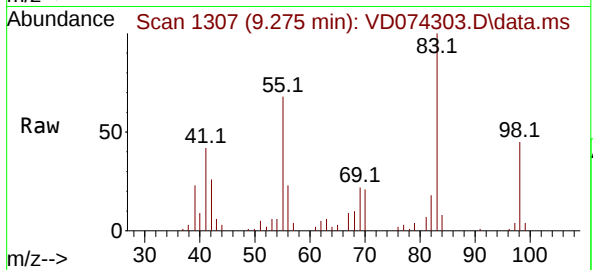
Tgt Ion:	83	Resp:	35934
Ion Ratio	Lower	Upper	
83	100		
55	67.8	57.2	85.8
98	44.7	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 20.736 ug/l

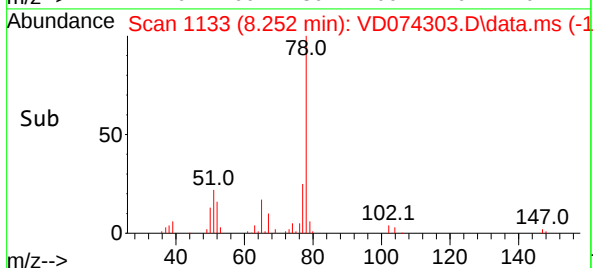
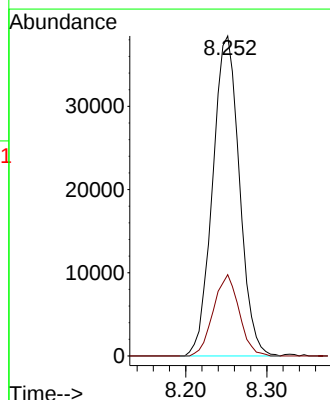
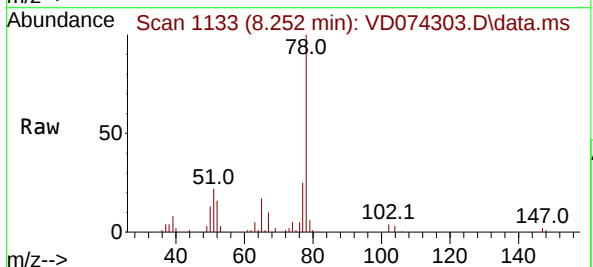
RT: 8.252 min Scan# 1133

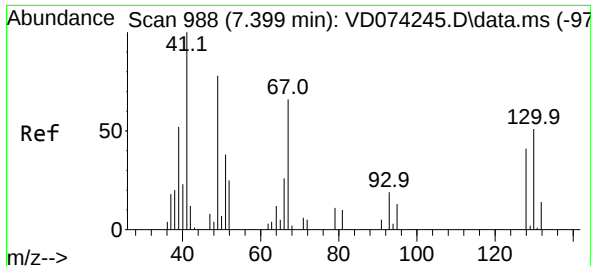
Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

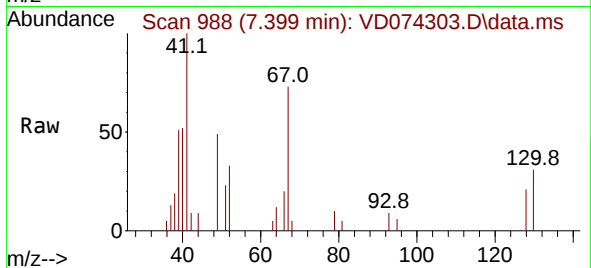
Tgt Ion:	78	Resp:	88172
Ion Ratio	Lower	Upper	
78	100		
77	25.4	19.4	29.2





#41
Methacrylonitrile
Concen: 19.248 ug/l
RT: 7.399 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

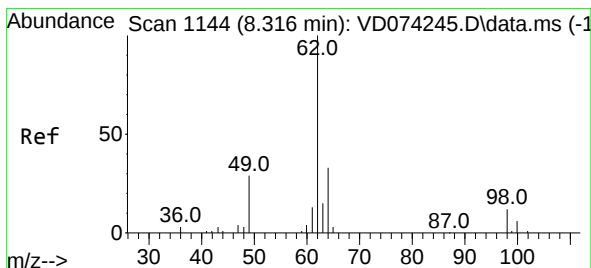
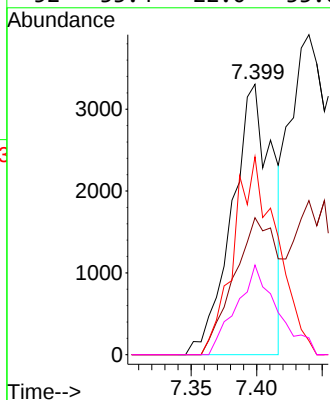
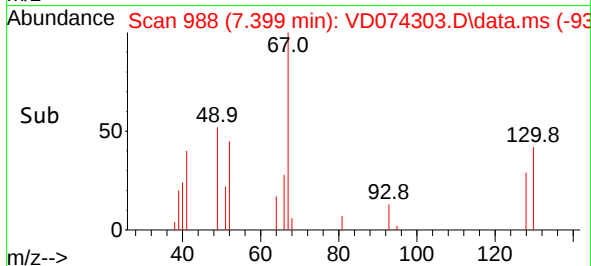
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 41 Resp: 714
Ion Ratio Lower Upper
41 100
39 57.5 39.8 59.6
67 78.1 56.1 84.1
52 33.4 22.0 33.0#

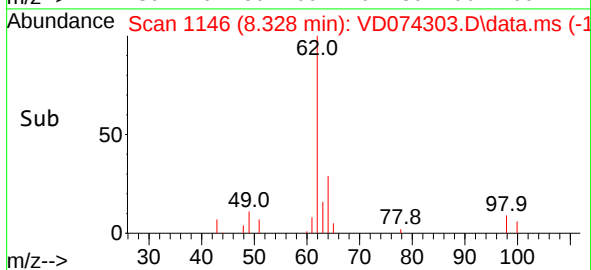
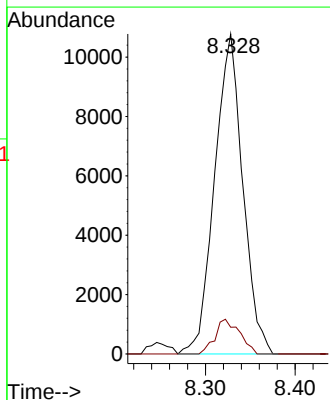
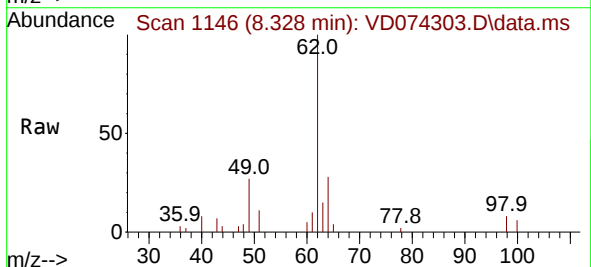
Manual Integrations
APPROVED

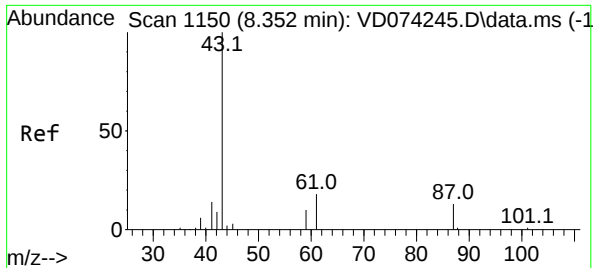
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 20.898 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

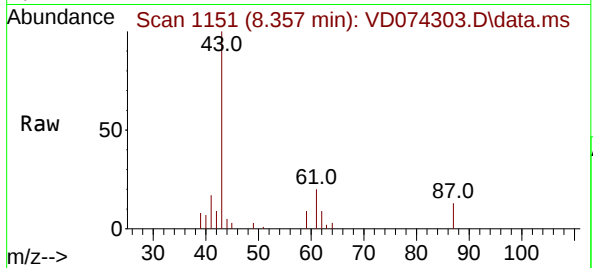
Tgt Ion: 62 Resp: 23483
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.4





#43
Isopropyl Acetate
Concen: 19.140 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

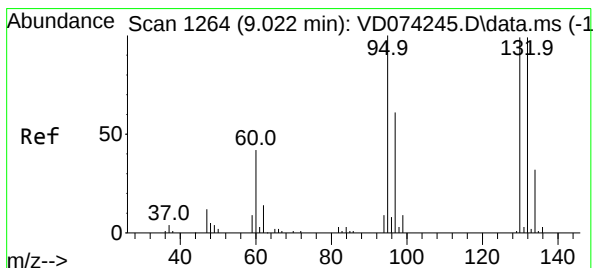
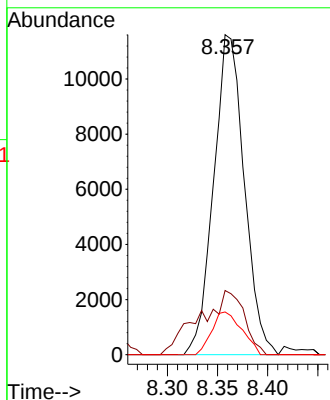
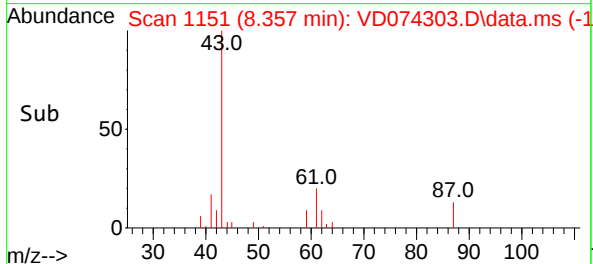
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



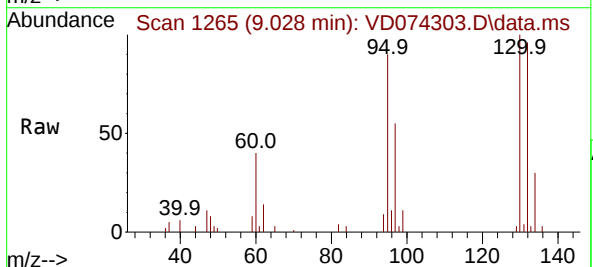
Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
61 29.4 24.5 36.7
87 13.1 10.8 16.2

Manual Integrations
APPROVED

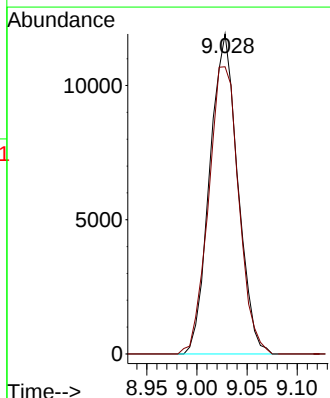
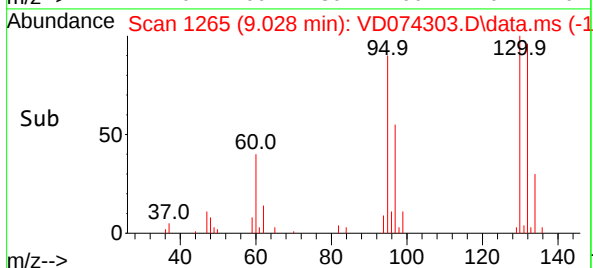
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

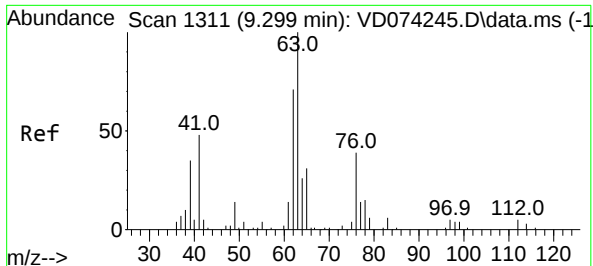


#44
Trichloroethene
Concen: 19.669 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



Tgt Ion:130 Resp: 23214
Ion Ratio Lower Upper
130 100
95 89.7 0.0 202.2





#45

1,2-Dichloropropane

Concen: 20.731 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 63 Resp: 22910

Ion Ratio Lower Upper

63 100

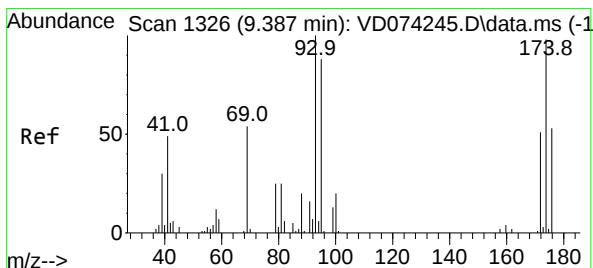
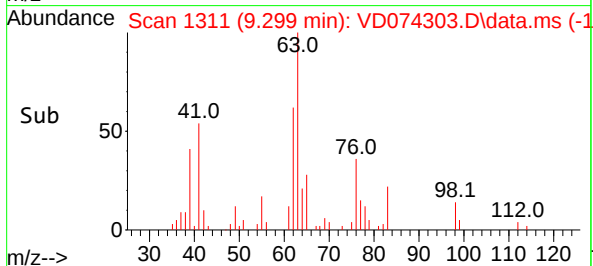
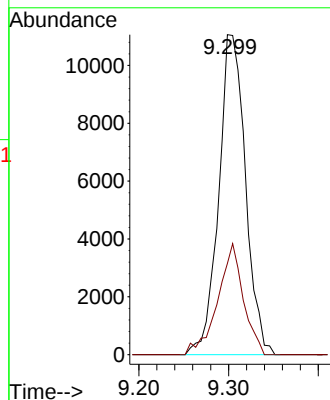
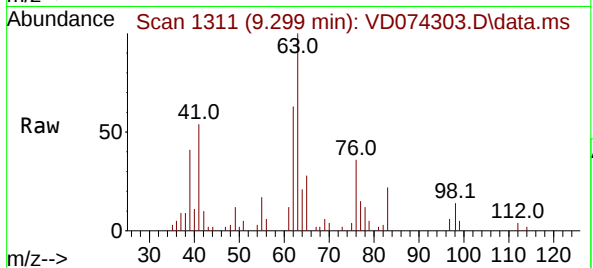
65 28.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 20.915 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

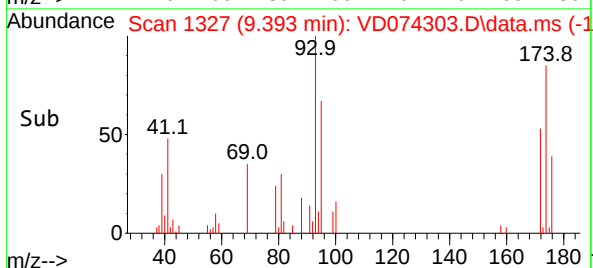
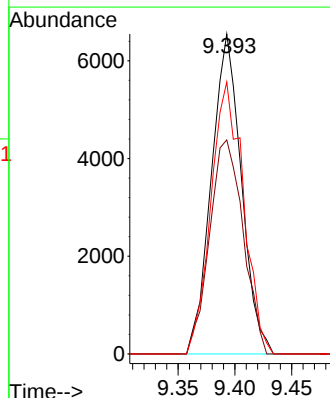
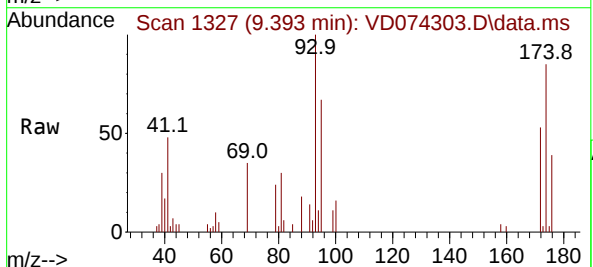
Tgt Ion: 93 Resp: 12000

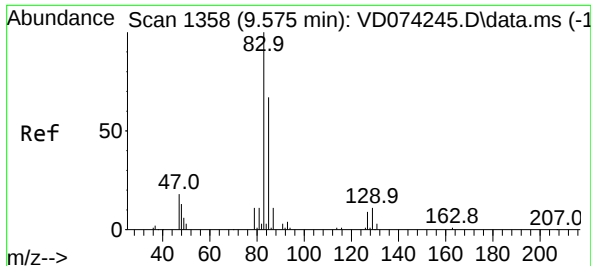
Ion Ratio Lower Upper

93 100

95 75.0 67.7 101.5

174 92.0 79.6 119.4





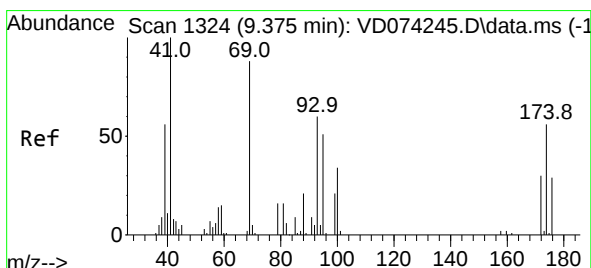
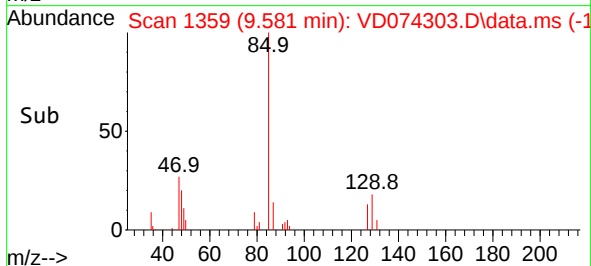
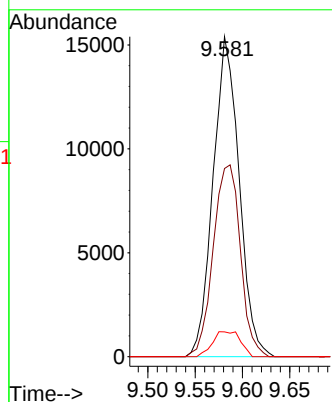
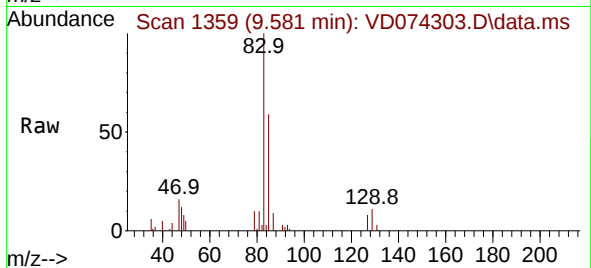
#47
Bromodichloromethane
Concen: 20.344 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion: 83 Resp: 2936
Ion Ratio Lower Upper
83 100
85 58.8 53.4 80.2
127 7.7 6.9 10.3

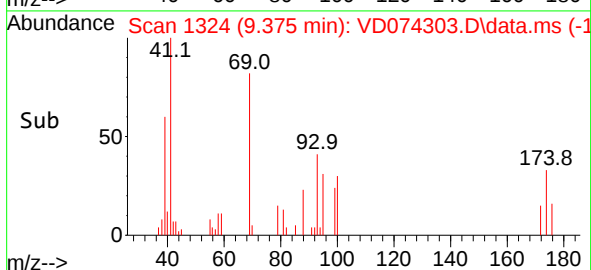
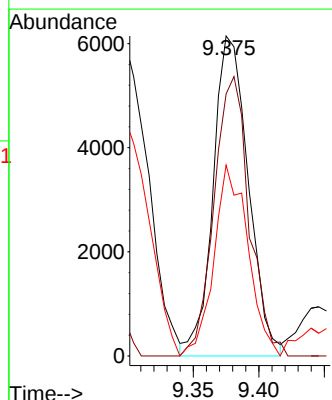
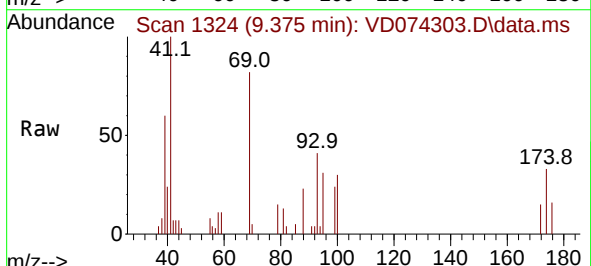
Manual Integrations
APPROVED

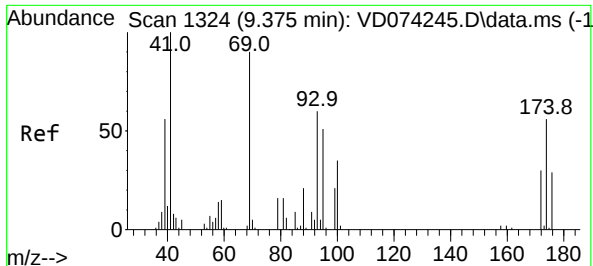
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#48
Methyl methacrylate
Concen: 18.849 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion: 41 Resp: 11457
Ion Ratio Lower Upper
41 100
69 87.3 72.7 109.1
39 57.5 41.6 62.4





#49

1,4-Dioxane

Concen: 402.977 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. 0.000 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 88 Resp: 2738

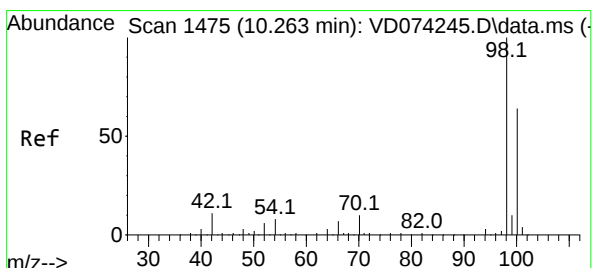
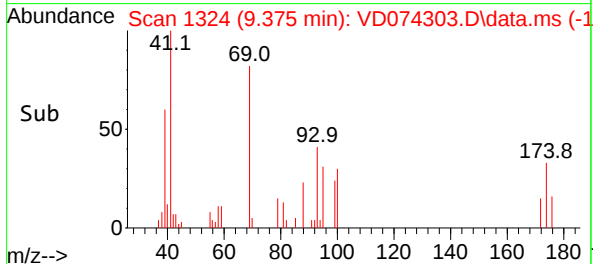
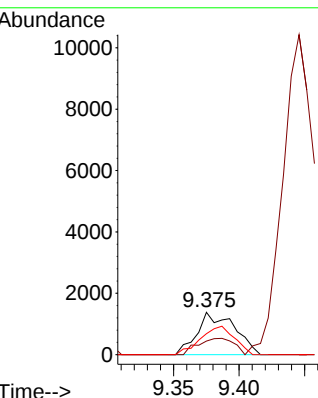
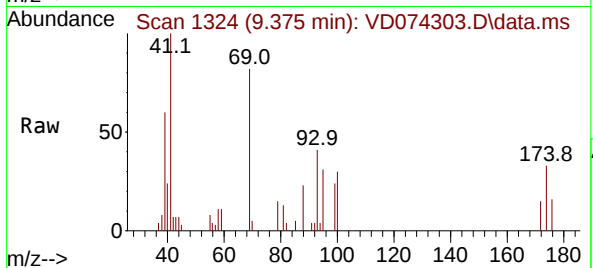
Ion	Ratio	Lower	Upper
88	100		
43	37.1	27.0	40.4
58	60.4	54.2	81.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 49.879 ug/l

RT: 10.269 min Scan# 1476

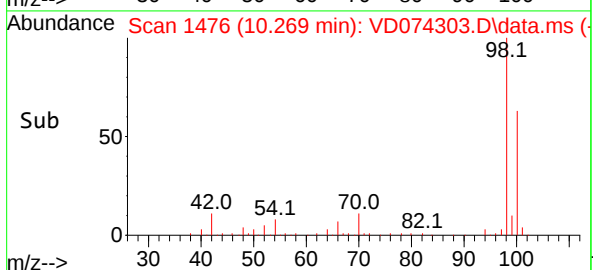
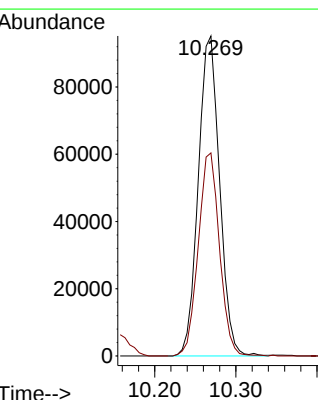
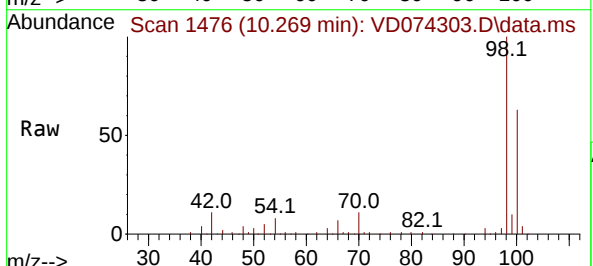
Delta R.T. 0.006 min

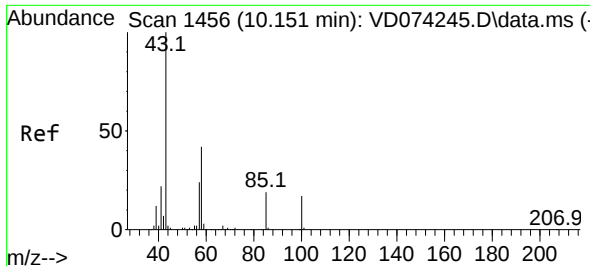
Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion: 98 Resp: 173561

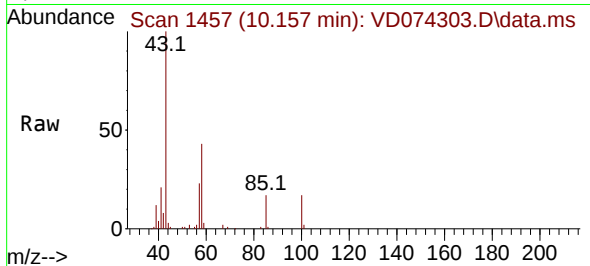
Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.8	77.8





#51
4-Methyl-2-Pentanone
Concen: 99.783 ug/l
RT: 10.157 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

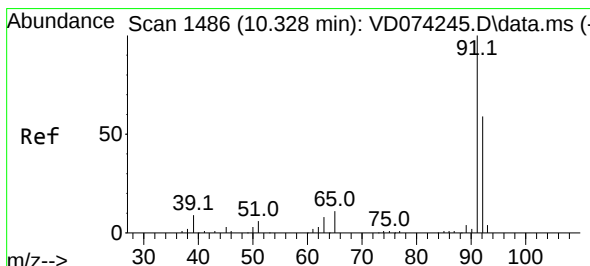
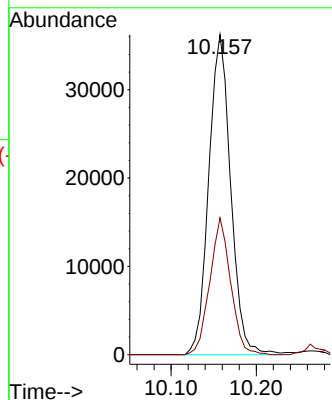
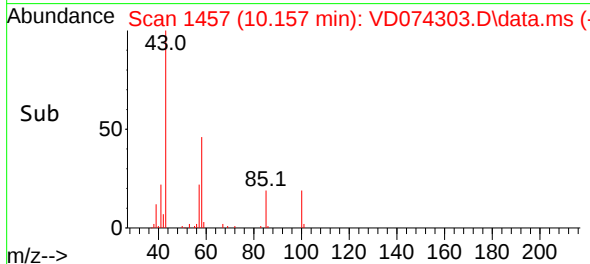
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 43 Resp: 6490
Ion Ratio Lower Upper
43 100
58 40.6 33.3 49.9

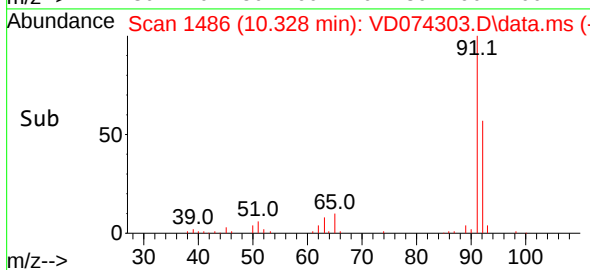
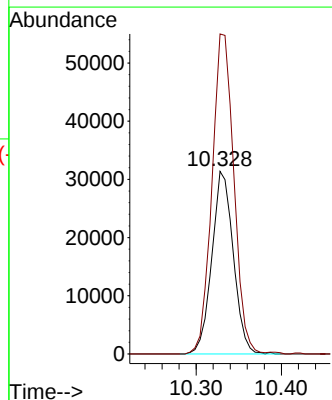
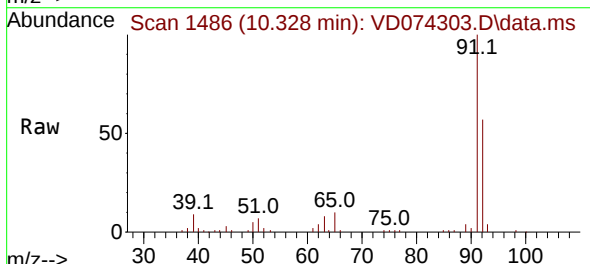
Manual Integrations
APPROVED

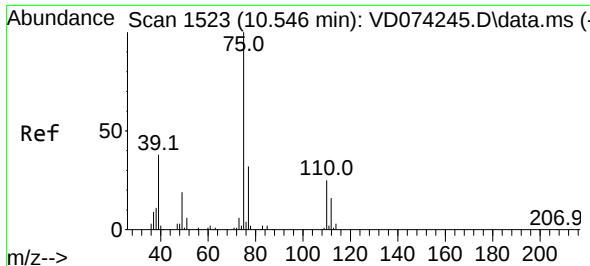
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 20.108 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion: 92 Resp: 54841
Ion Ratio Lower Upper
92 100
91 178.9 139.3 208.9





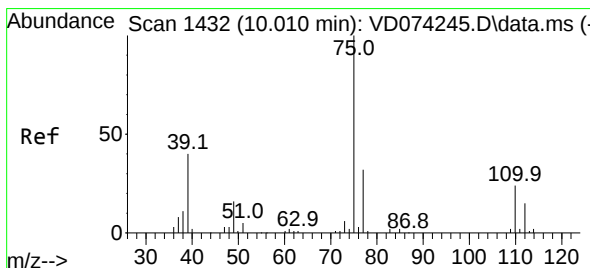
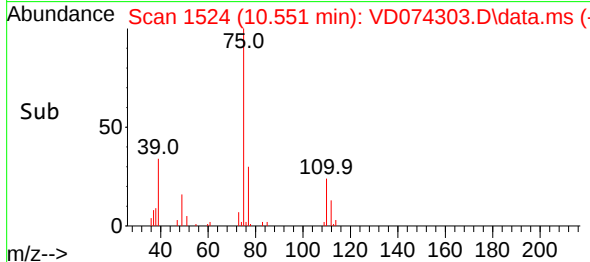
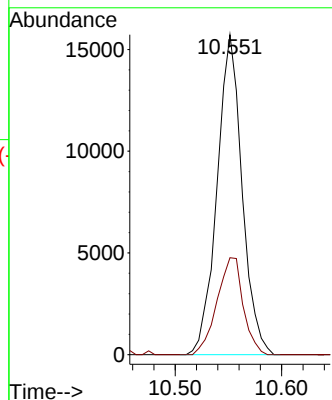
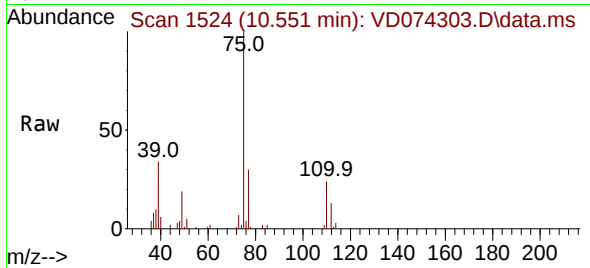
#53
t-1,3-Dichloropropene
Concen: 18.876 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion: 75 Resp: 25684
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5

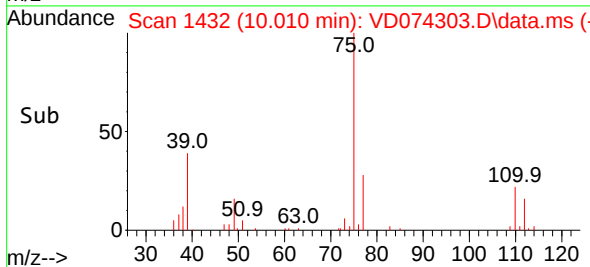
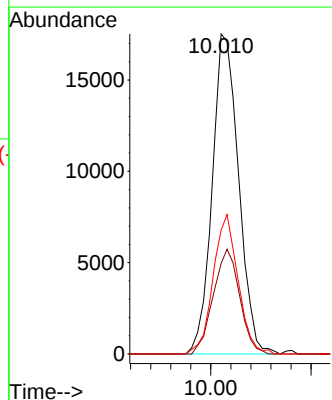
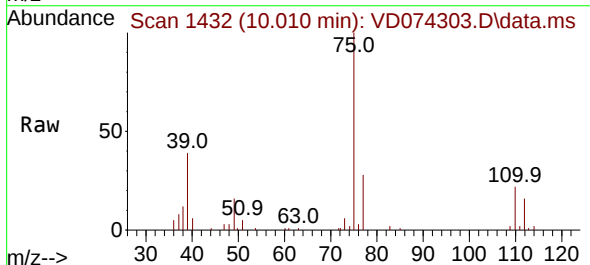
Manual Integrations
APPROVED

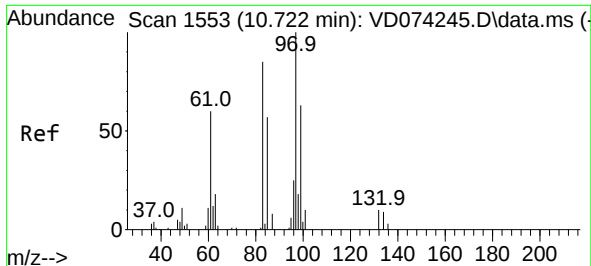
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 19.085 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

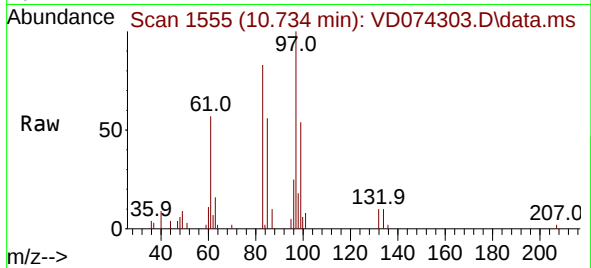
Tgt Ion: 75 Resp: 31995
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0
39 38.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.655 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

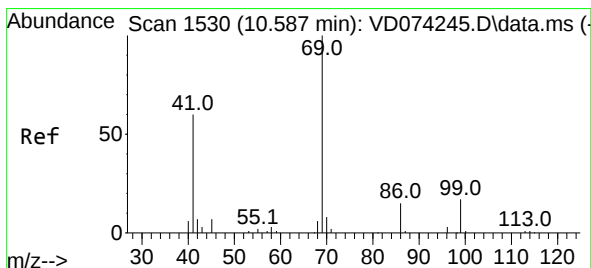
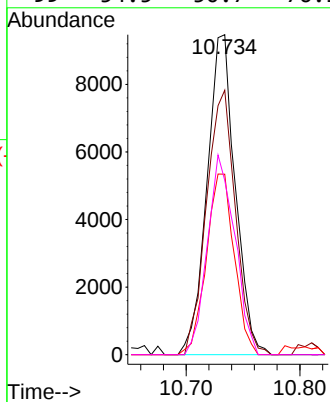
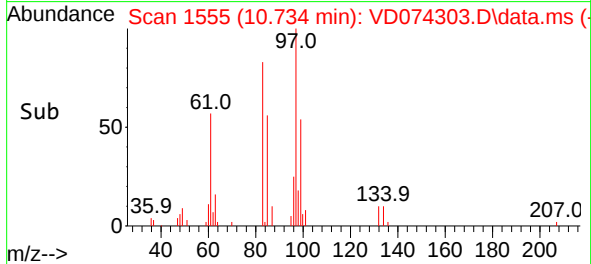
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion:	97	Resp:	1638
Ion Ratio	100	Lower	Upper
97	100		
83	82.7	68.0	102.0
85	56.4	45.8	68.8
99	54.5	50.7	76.1

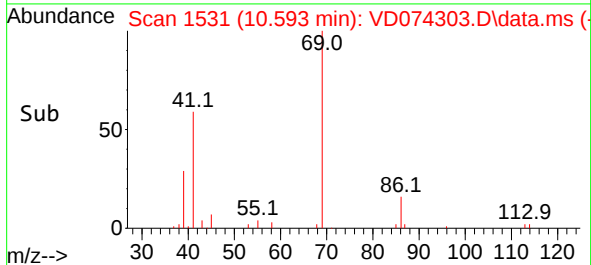
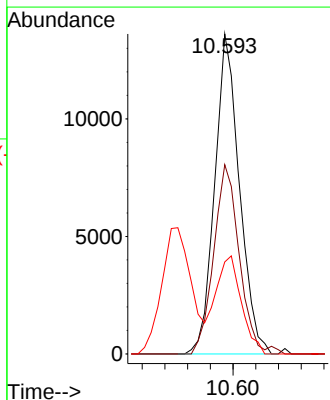
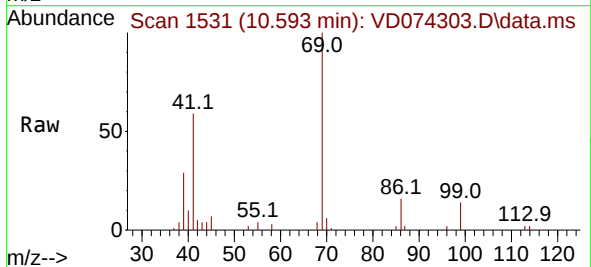
Manual Integrations
APPROVED

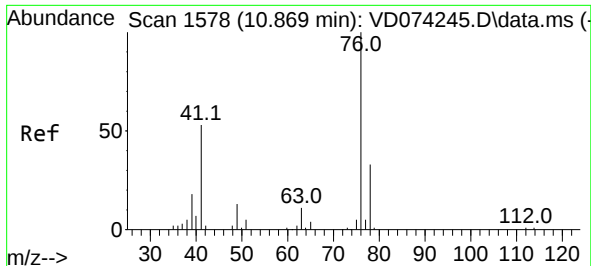
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#56
Ethyl methacrylate
Concen: 19.511 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion:	69	Resp:	20561
Ion Ratio	100	Lower	Upper
69	100		
41	61.5	49.4	74.2
39	32.0	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.821 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion: 76 Resp: 2914

Ion Ratio Lower Upper

76 100

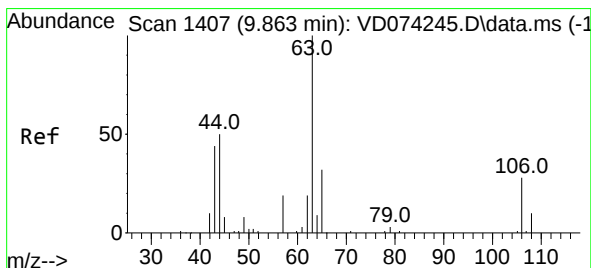
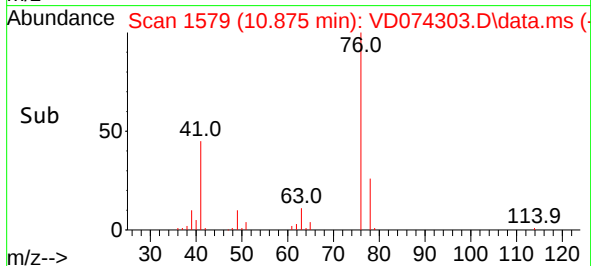
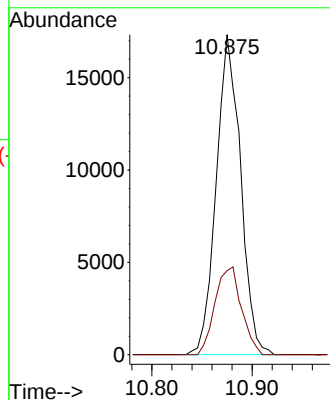
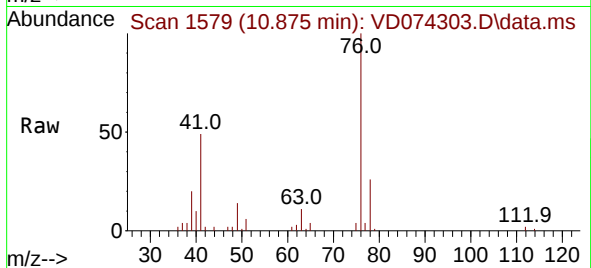
78 29.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 97.136 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VD074303.D

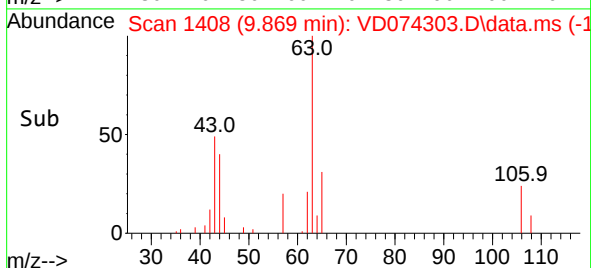
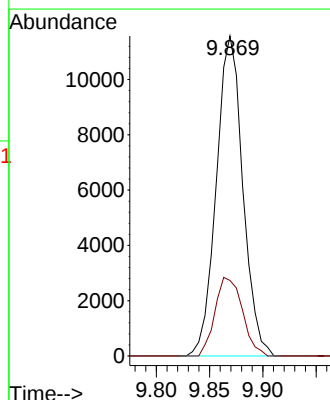
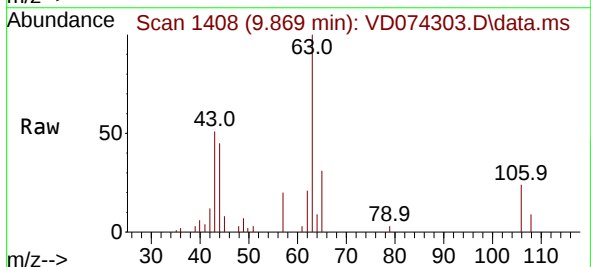
Acq: 15 Sep 2022 12:47

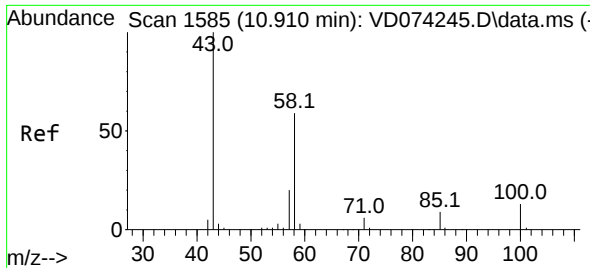
Tgt Ion: 63 Resp: 20018

Ion Ratio Lower Upper

63 100

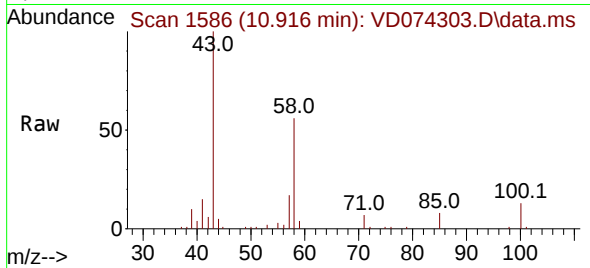
106 25.3 21.9 32.9





#59
2-Hexanone
Concen: 99.032 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

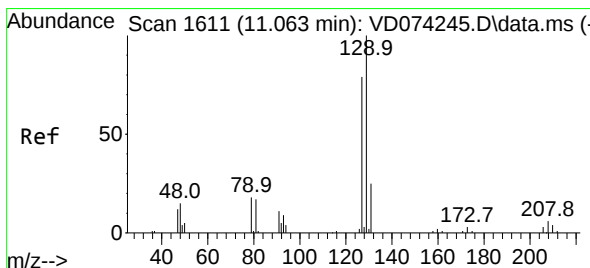
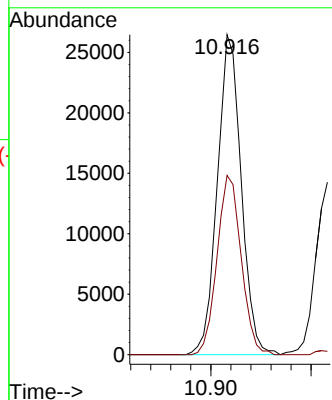
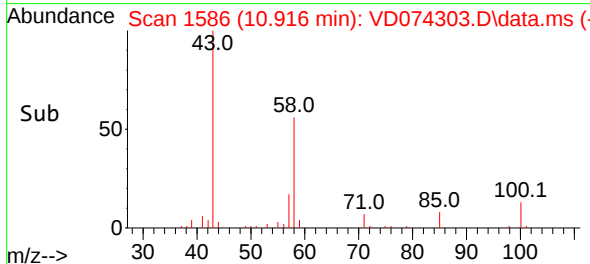
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion: 43 Resp: 4374
Ion Ratio Lower Upper
43 100
58 56.6 28.6 85.8

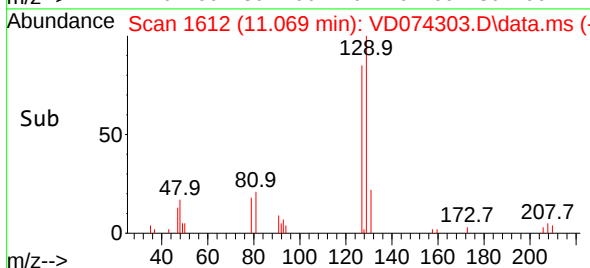
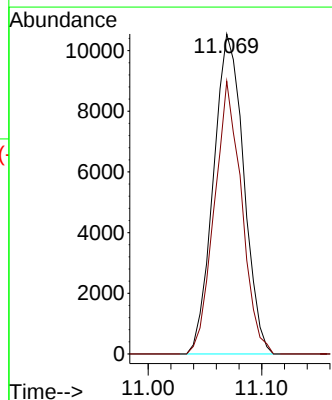
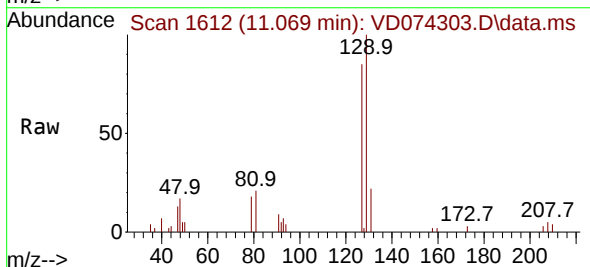
Manual Integrations
APPROVED

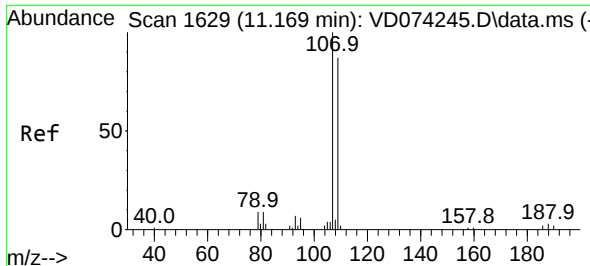
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 20.195 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

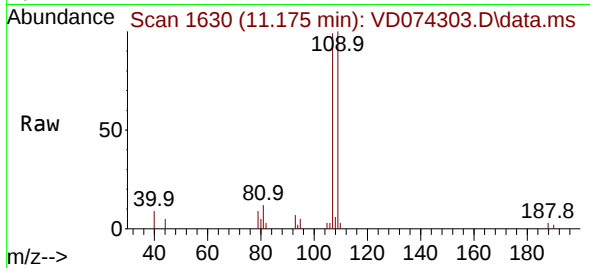
Tgt Ion:129 Resp: 19505
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9





#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

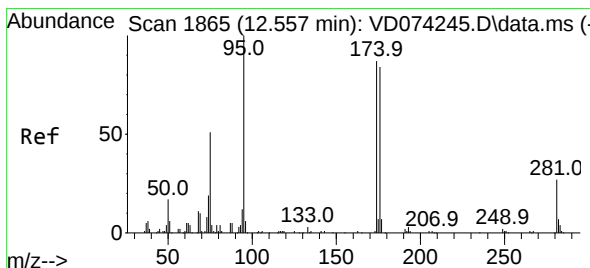
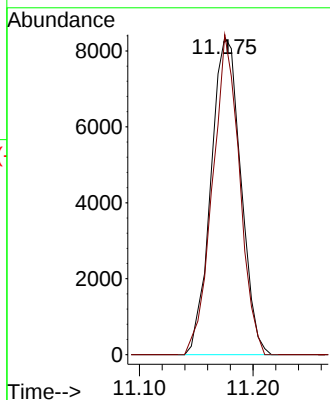
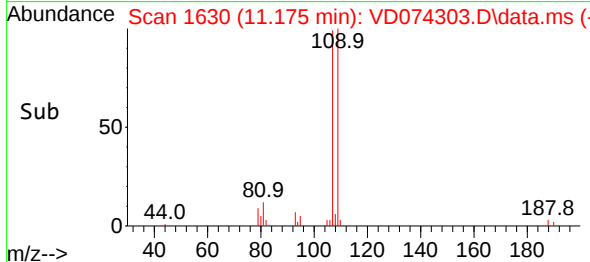
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



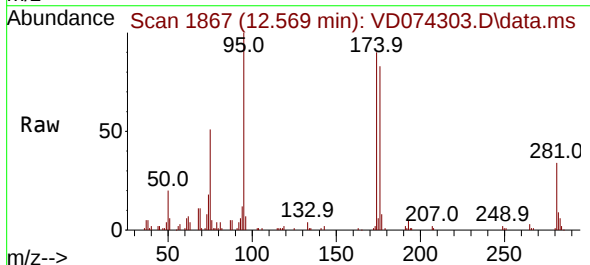
Tgt Ion:107 Resp: 1526
Ion Ratio Lower Upper
107 100
109 91.1 73.7 110.5

Manual Integrations
APPROVED

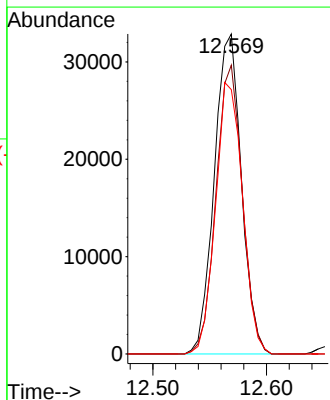
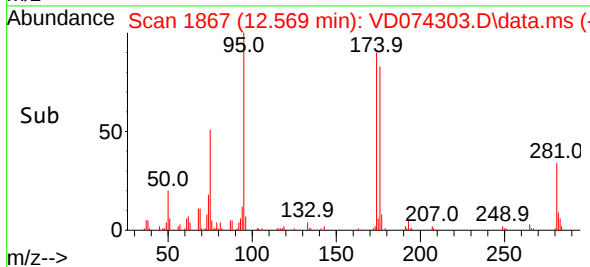
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

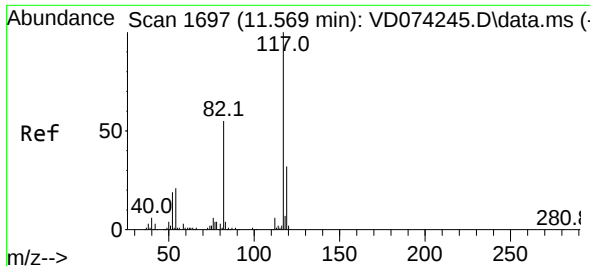


#62
4-Bromofluorobenzene
Concen: 44.031 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



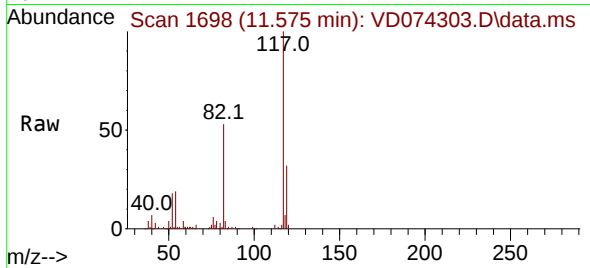
Tgt Ion: 95 Resp: 54513
Ion Ratio Lower Upper
95 100
174 87.9 0.0 179.2
176 84.6 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

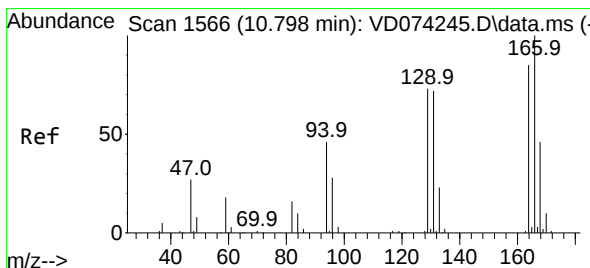
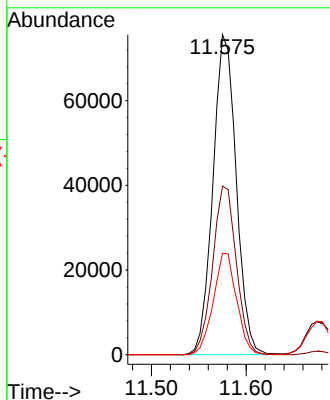
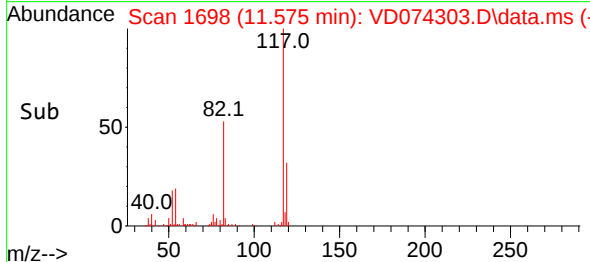
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



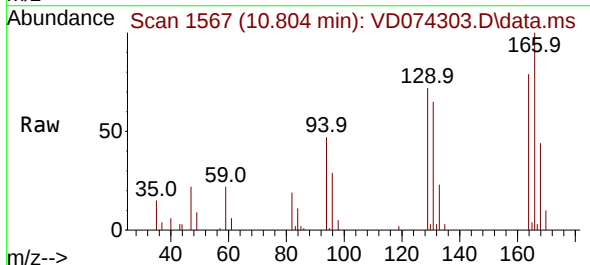
Tgt Ion:117 Resp: 12933
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

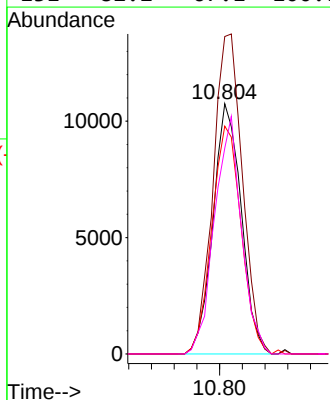
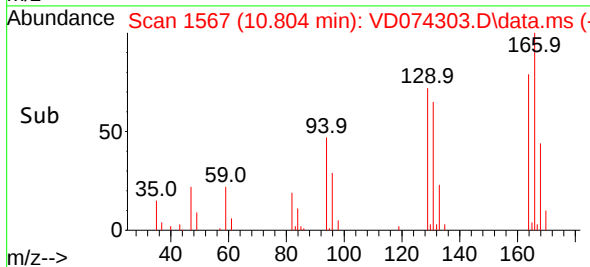
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

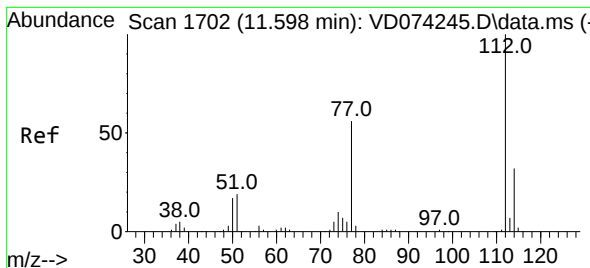


#64
Tetrachloroethene
Concen: 18.716 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



Tgt Ion:164 Resp: 18507
Ion Ratio Lower Upper
164 100
166 126.8 93.8 140.8
129 91.0 68.3 102.5
131 82.2 67.1 100.7





#65

Chlorobenzene

Concen: 19.761 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

Tgt Ion:112 Resp: 5745

Ion Ratio Lower Upper

112 100

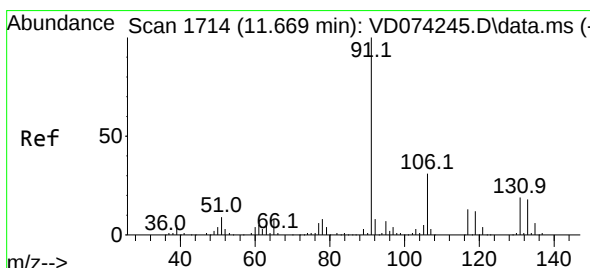
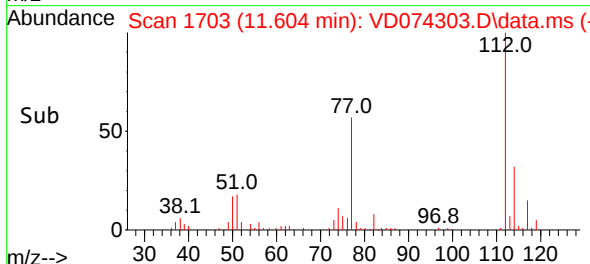
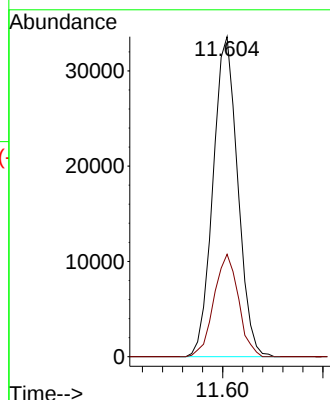
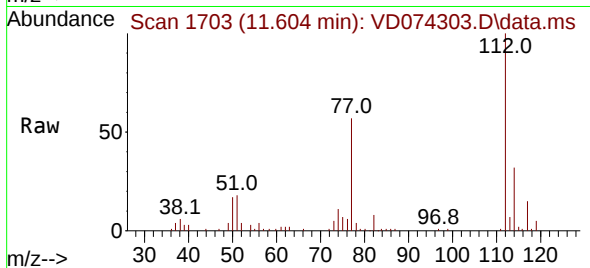
114 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 19.057 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

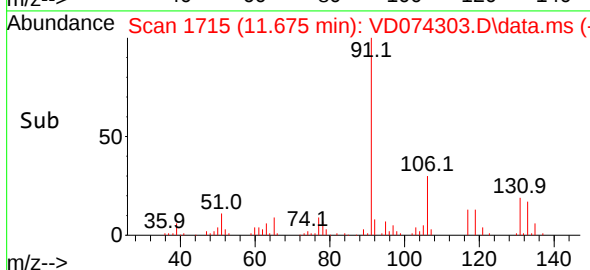
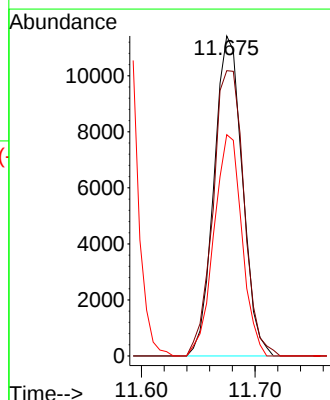
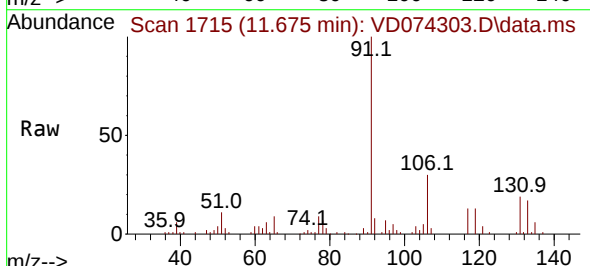
Tgt Ion:131 Resp: 19844

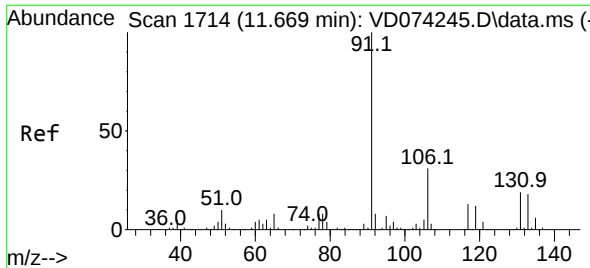
Ion Ratio Lower Upper

131 100

133 97.2 47.8 143.4

119 68.4 33.1 99.5





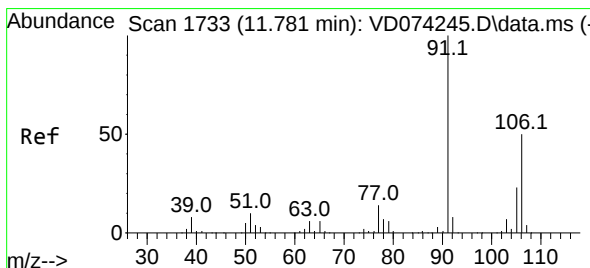
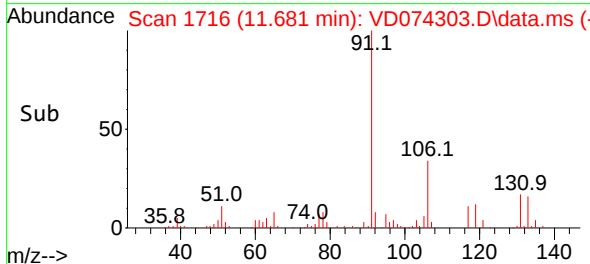
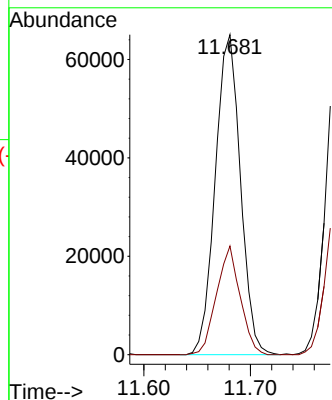
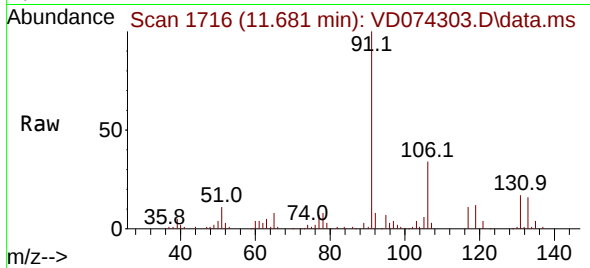
#67
Ethyl Benzene
Concen: 19.639 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion: 91 Resp: 106659
Ion Ratio Lower Upper
91 100
106 33.9 24.8 37.2

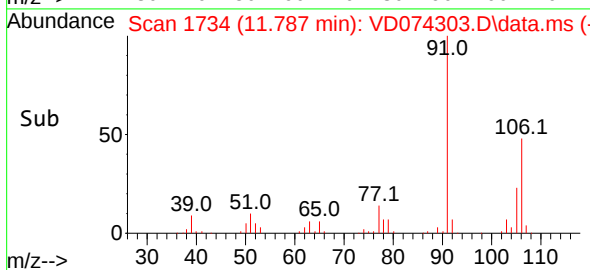
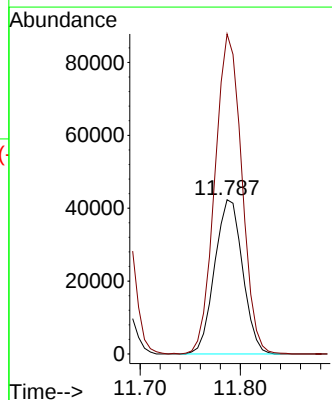
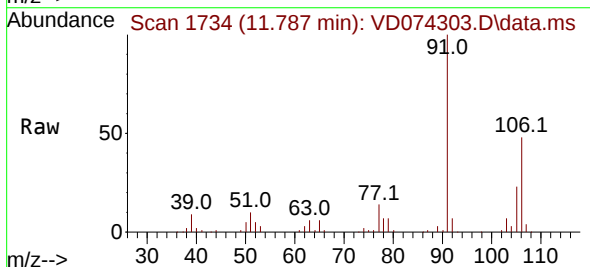
Manual Integrations
APPROVED

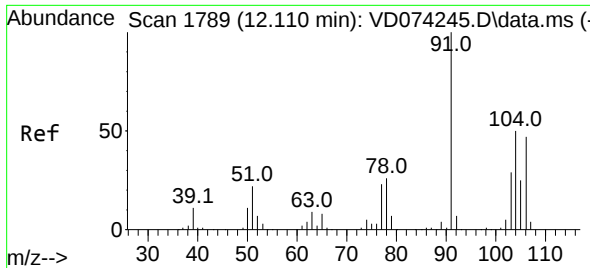
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 39.644 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion:106 Resp: 81717
Ion Ratio Lower Upper
106 100
91 200.3 158.6 237.8





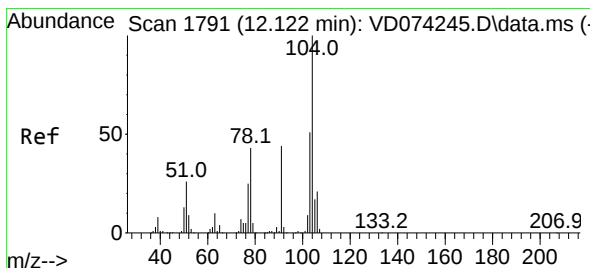
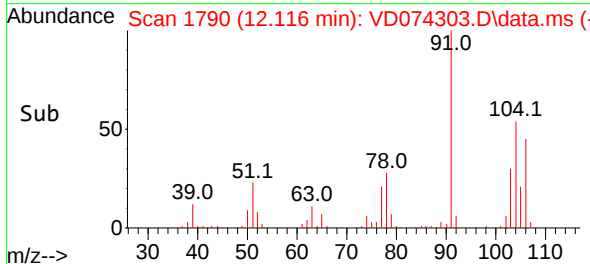
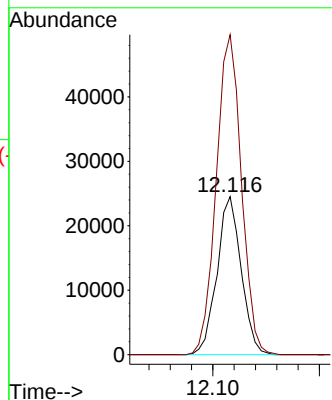
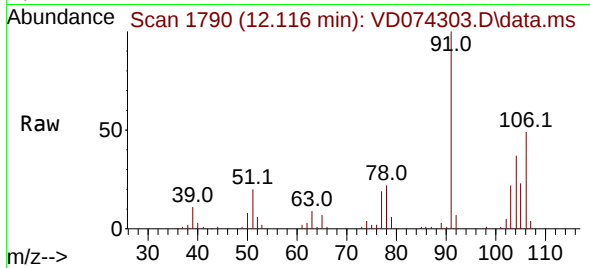
#69
o-Xylene
Concen: 19.829 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion:106 Resp: 38628
Ion Ratio Lower Upper
106 100
91 210.5 104.0 312.0

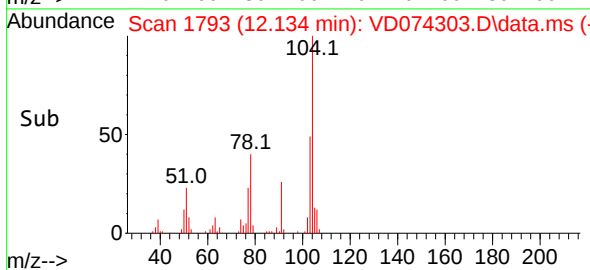
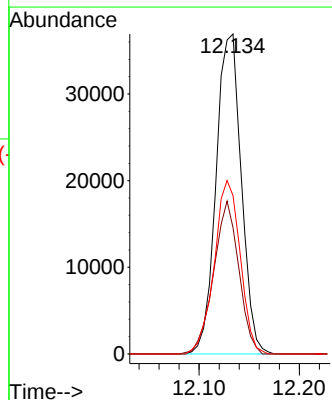
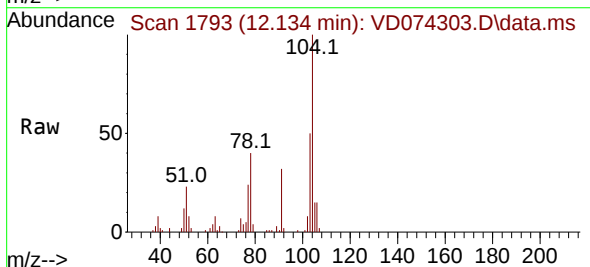
Manual Integrations
APPROVED

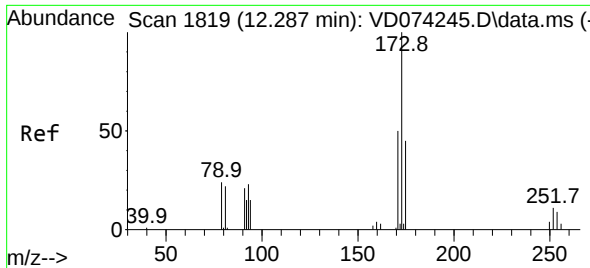
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 19.855 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

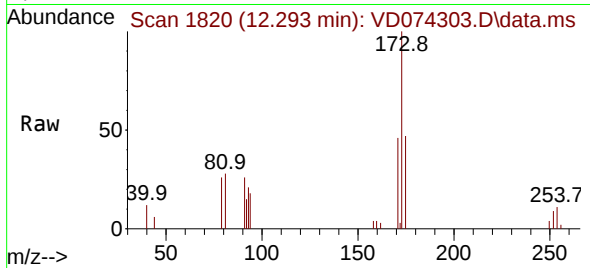
Tgt Ion:104 Resp: 64511
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 55.8 44.1 66.1





#71
Bromoform
Concen: 19.713 ug/l
RT: 12.293 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

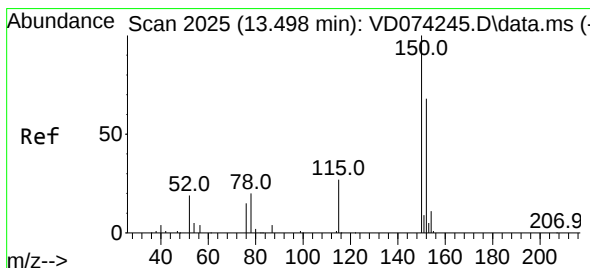
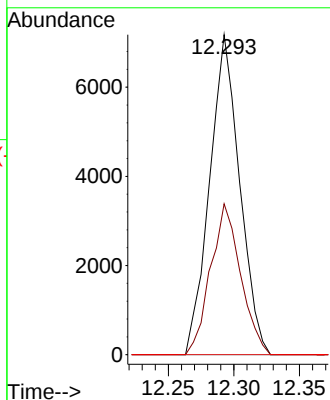
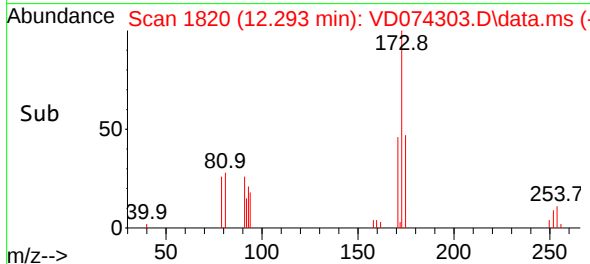
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



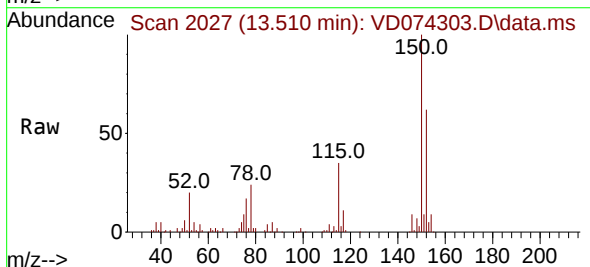
Tgt Ion:173 Resp: 11428
Ion Ratio Lower Upper
173 100
175 47.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

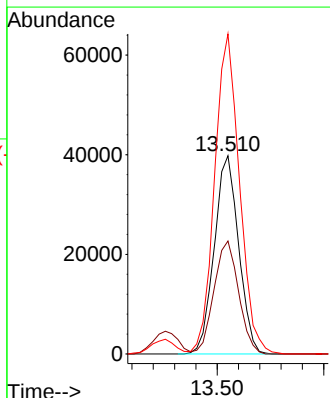
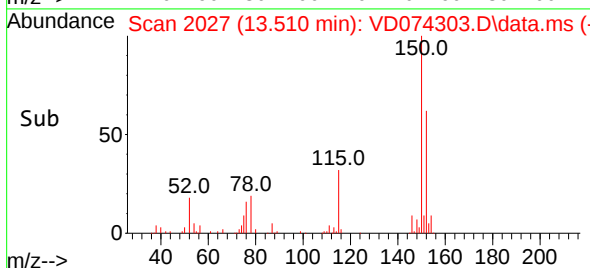
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

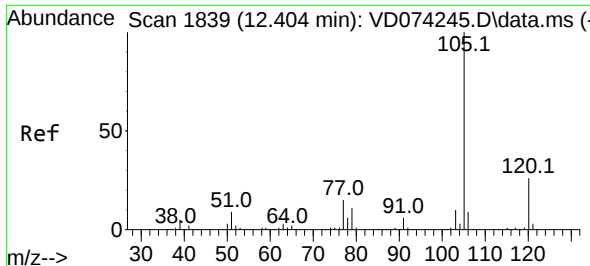


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



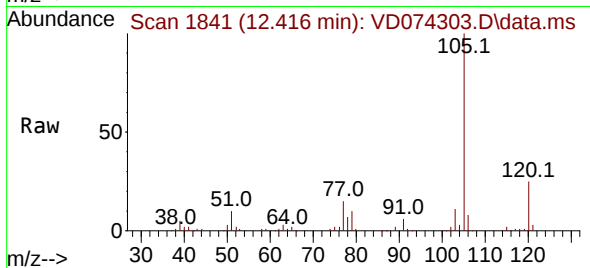
Tgt Ion:152 Resp: 63070
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 164.7 0.0 351.0





#73
Isopropylbenzene
Concen: 19.427 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

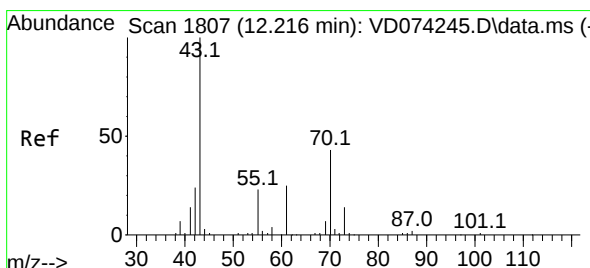
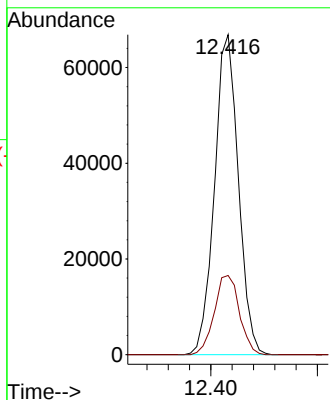
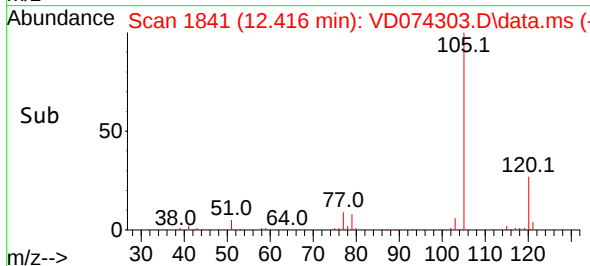
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



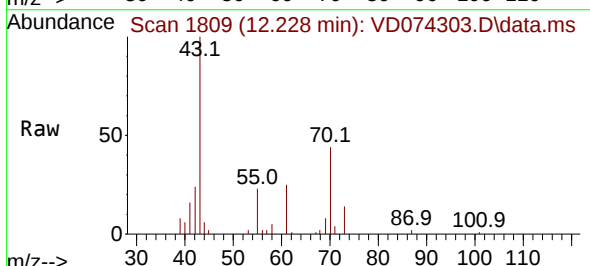
Tgt Ion:105 Resp: 10366
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
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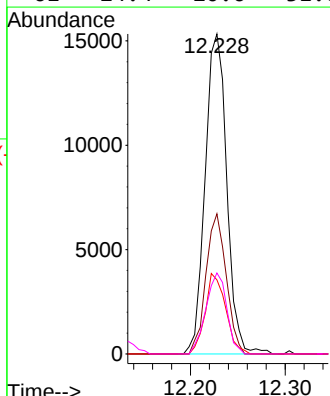
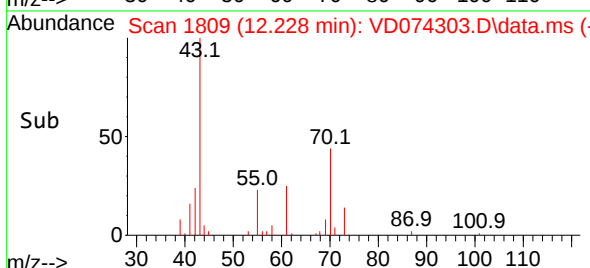
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

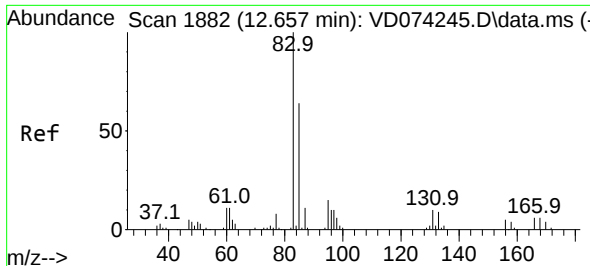


#74
N-ethyl acetate
Concen: 19.344 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



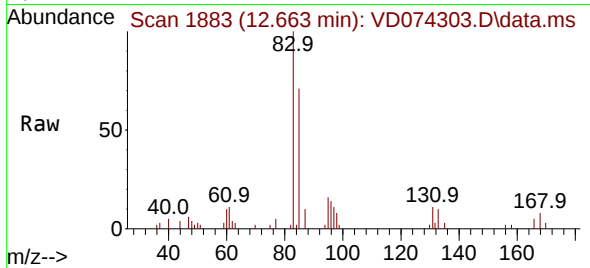
Tgt Ion: 43 Resp: 24308
Ion Ratio Lower Upper
43 100
70 41.1 34.6 51.8
55 23.9 18.2 27.2
61 24.4 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.620 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

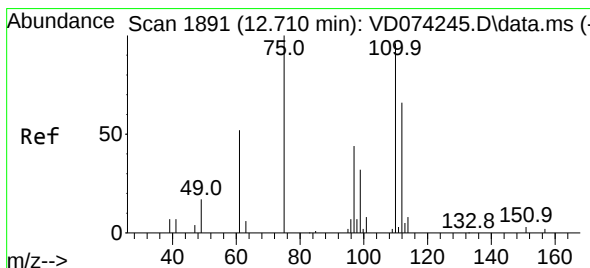
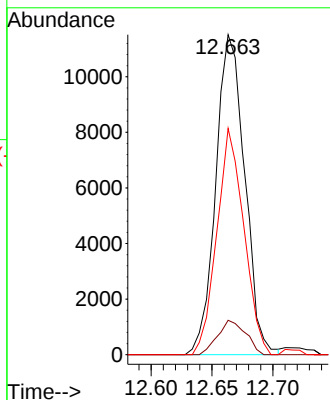
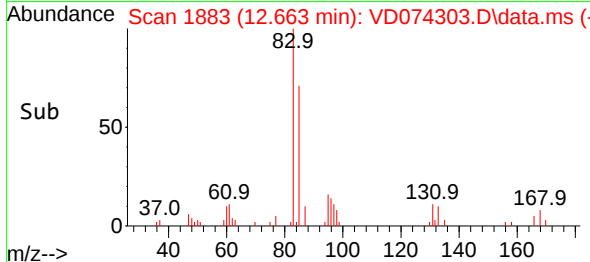
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



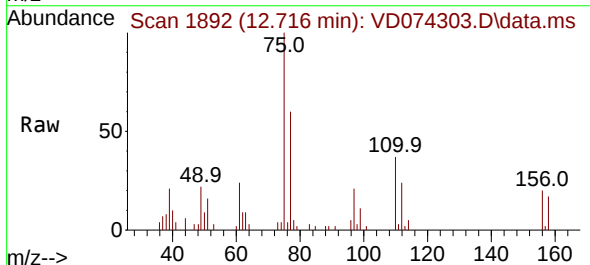
Tgt Ion: 83 Resp: 1906
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 66.0 32.3 96.9

Manual Integrations
APPROVED

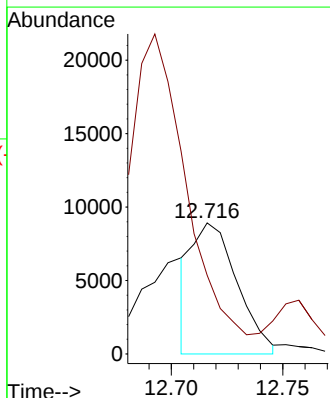
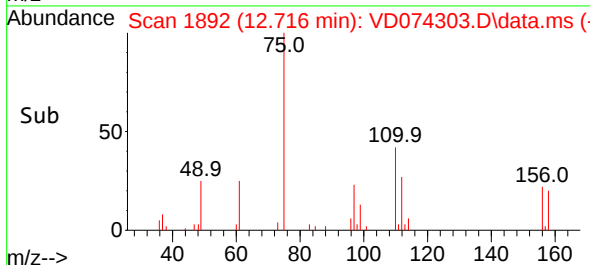
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

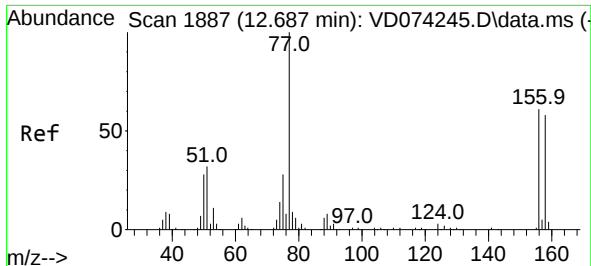


#76
1,2,3-Trichloropropane
Concen: 19.443 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



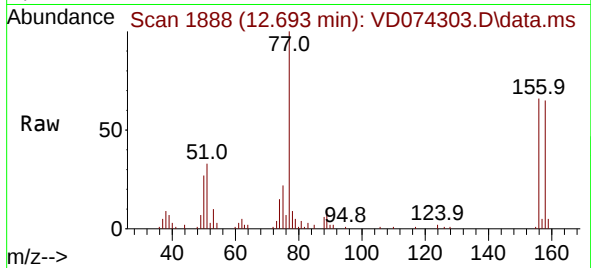
Tgt Ion: 75 Resp: 12571
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.197 ug/l
RT: 12.693 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

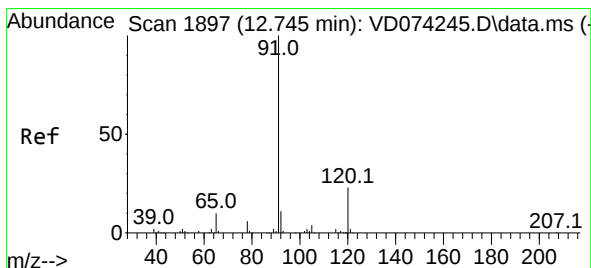
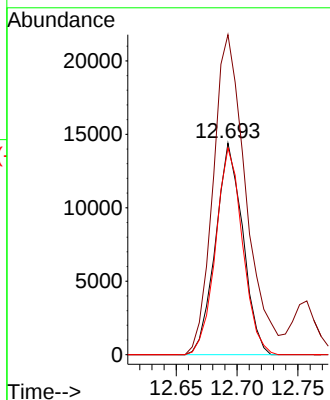
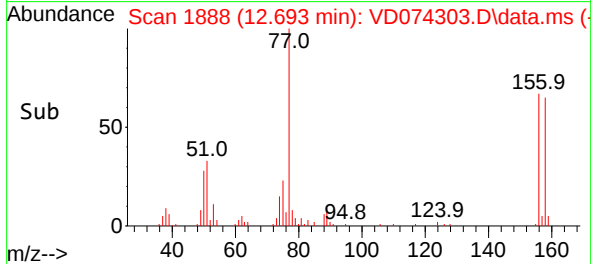
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



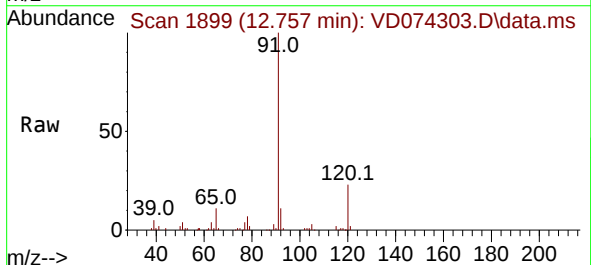
Tgt Ion:156 Resp: 22479
Ion Ratio Lower Upper
156 100
77 180.5 91.1 273.3
158 96.3 49.4 148.2

Manual Integrations
APPROVED

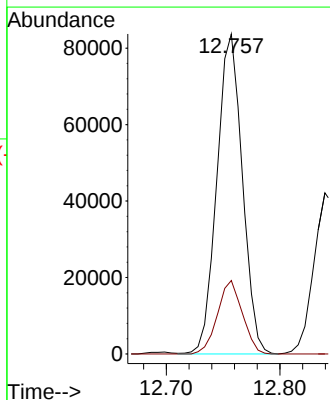
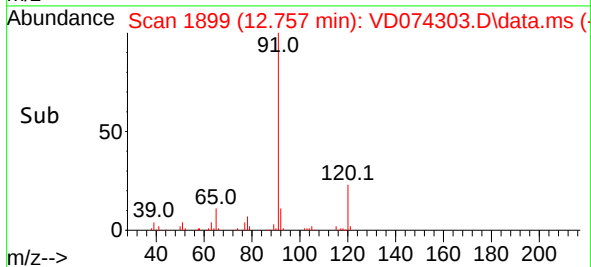
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

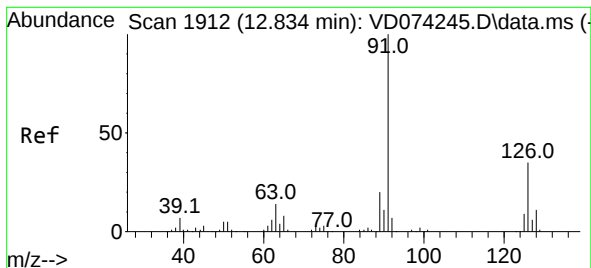


#78
n-propylbenzene
Concen: 19.932 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



Tgt Ion: 91 Resp: 130424
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7





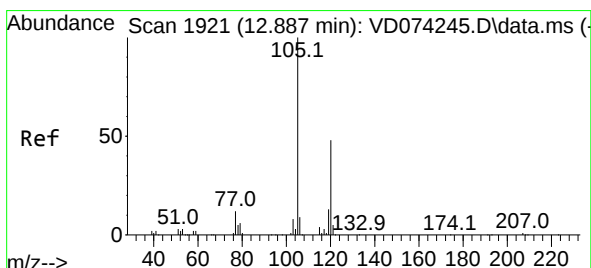
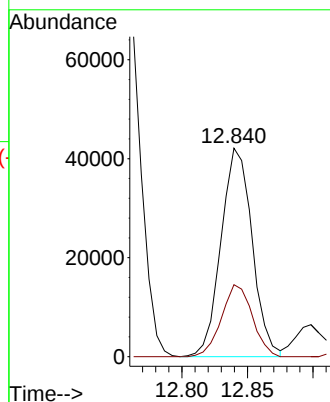
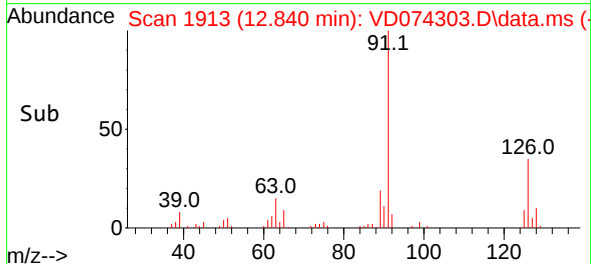
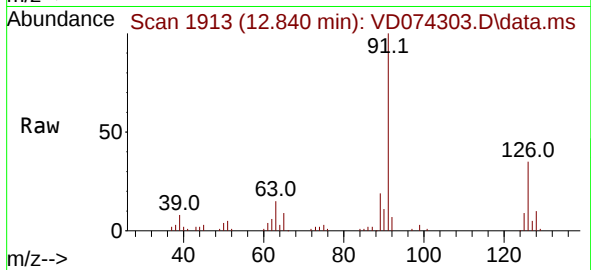
#79
2-Chlorotoluene
Concen: 19.686 ug/l
RT: 12.840 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion: 91 Resp: 69680
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

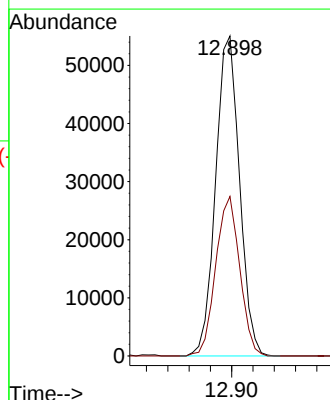
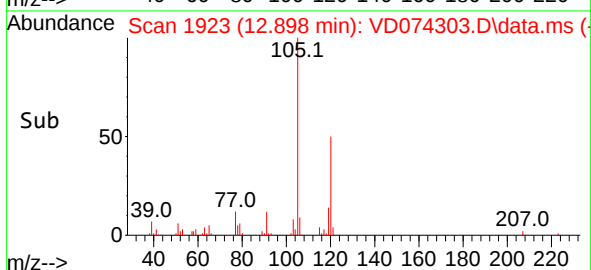
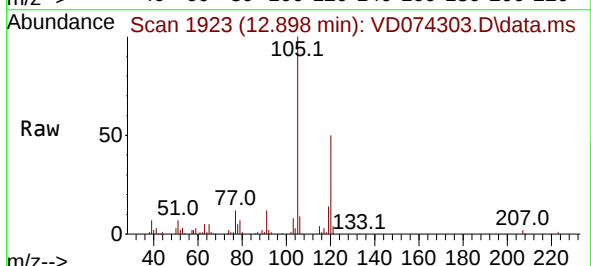
Manual Integrations
APPROVED

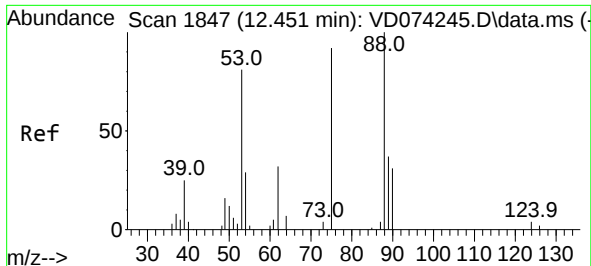
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.377 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

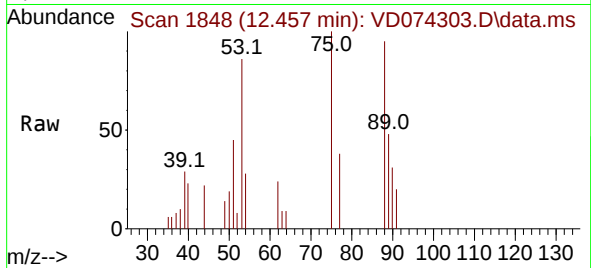
Tgt Ion:105 Resp: 85666
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.320 ug/l
RT: 12.457 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

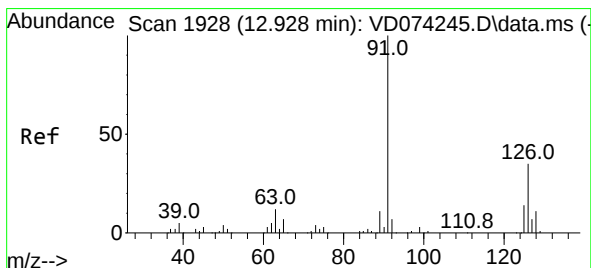
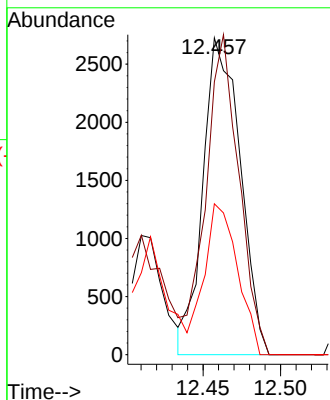
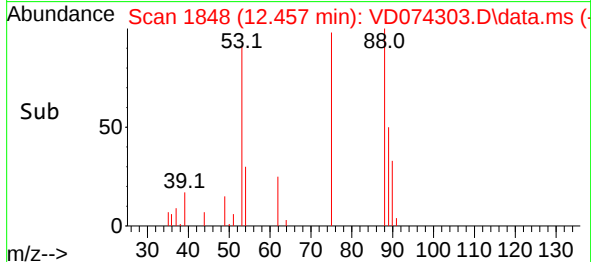
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



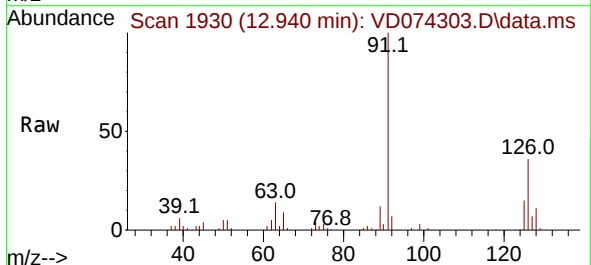
Tgt Ion: 75 Resp: 4542
Ion Ratio Lower Upper
75 100
53 90.2 0.0 0.0
89 42.7 0.0 0.0

Manual Integrations
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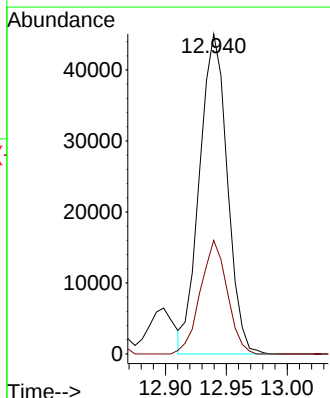
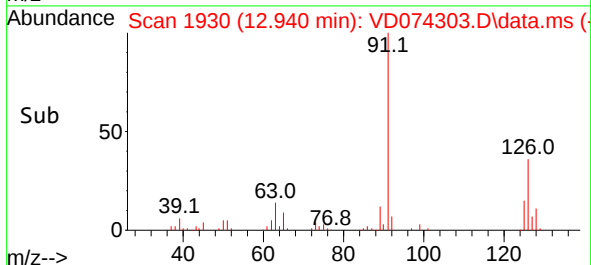
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

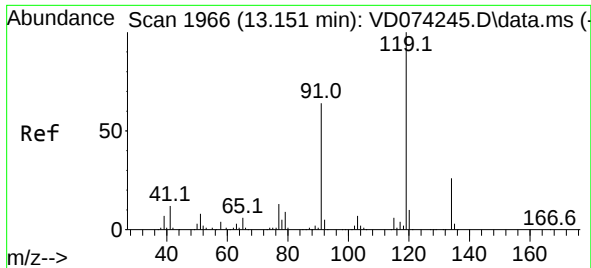


#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



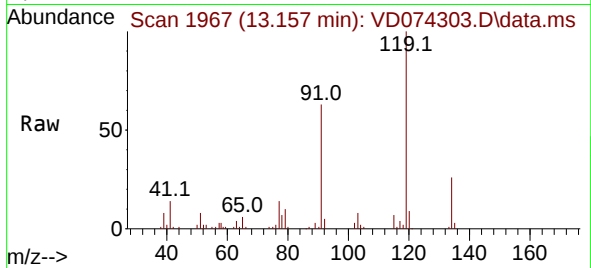
Tgt Ion: 91 Resp: 71591
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.476 ug/l
RT: 13.157 min Scan# 1966
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

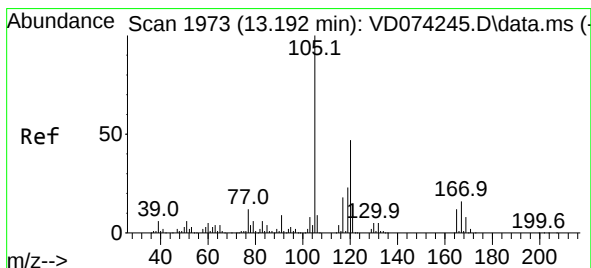
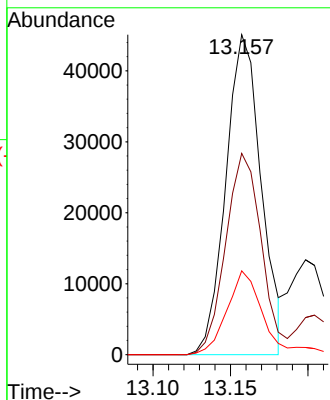
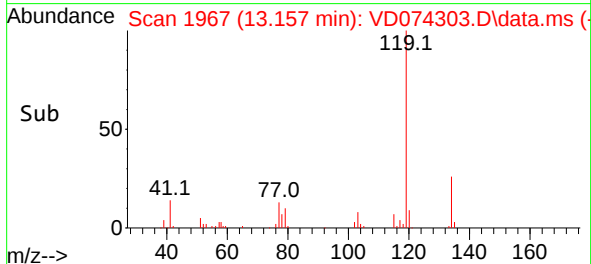
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



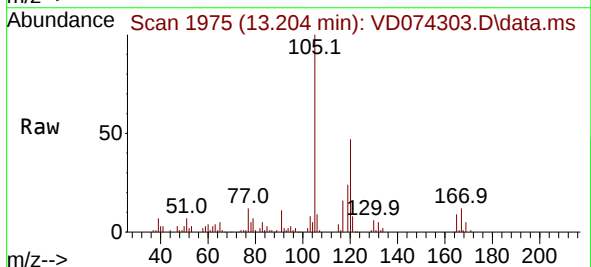
Tgt Ion:119 Resp: 71491
Ion Ratio Lower Upper
119 100
91 63.8 31.3 93.9
134 27.1 13.4 40.1

Manual Integrations
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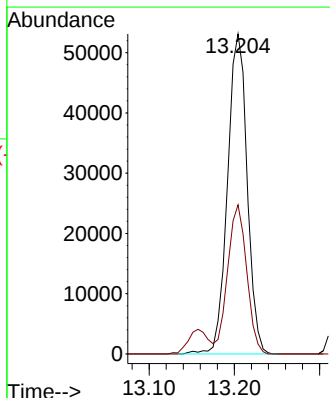
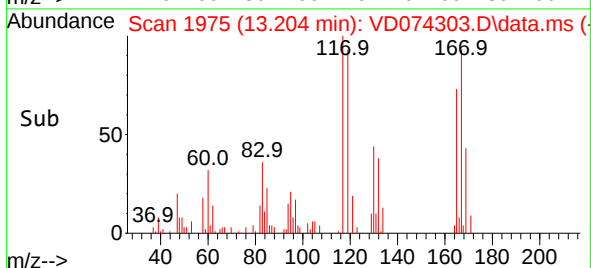
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

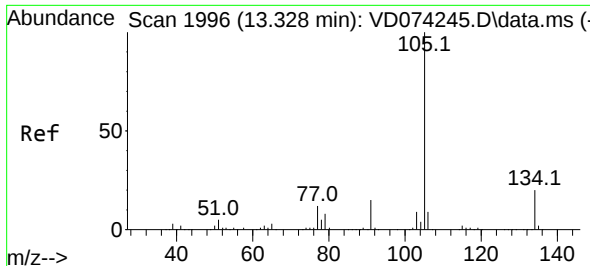


#84
1,2,4-Trimethylbenzene
Concen: 19.845 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47



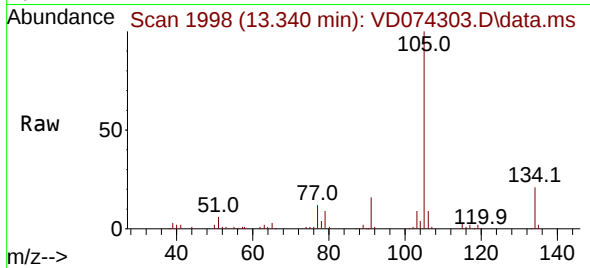
Tgt Ion:105 Resp: 85173
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.3





#85
 sec-Butylbenzene
 Concen: 19.037 ug/l
 RT: 13.340 min Scan# 1996
 Delta R.T. 0.012 min
 Lab File: VD074303.D
 Acq: 15 Sep 2022 12:47

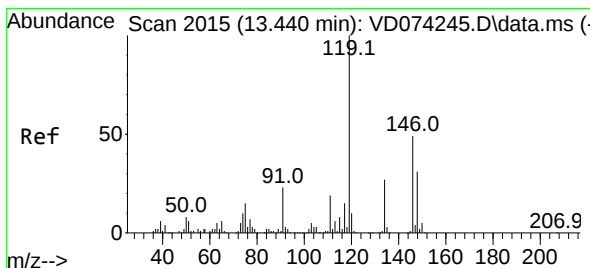
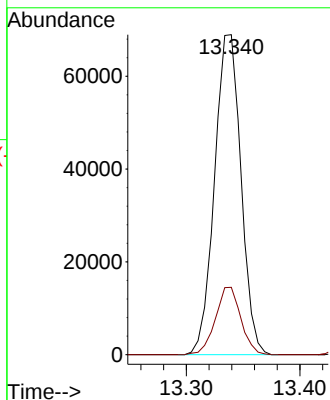
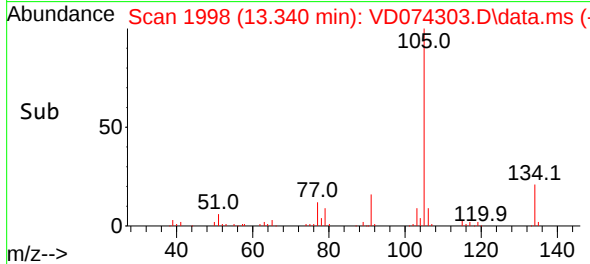
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01



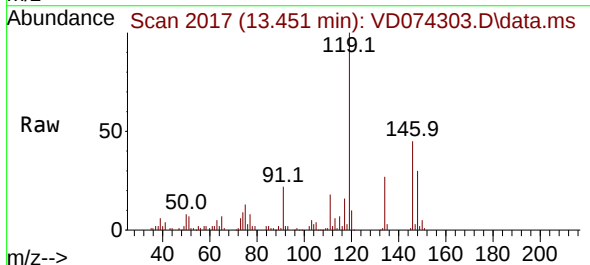
Tgt Ion:105 Resp: 111592
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8

Manual Integrations
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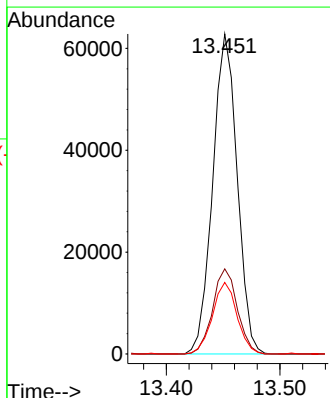
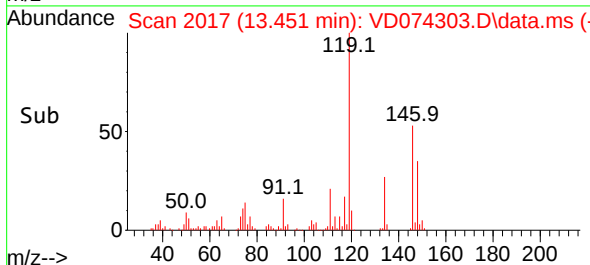
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

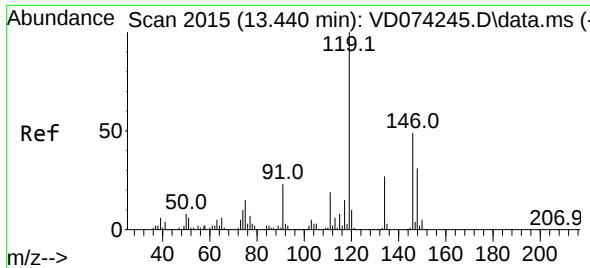


#86
 p-Isopropyltoluene
 Concen: 19.628 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.012 min
 Lab File: VD074303.D
 Acq: 15 Sep 2022 12:47



Tgt Ion:119 Resp: 93975
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.5 11.2 33.5





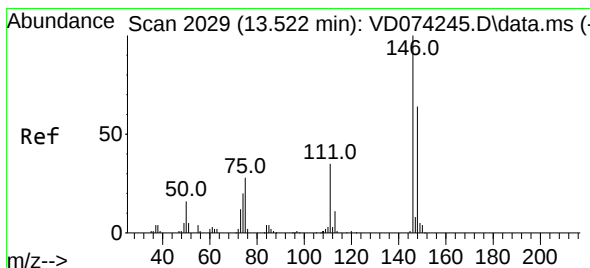
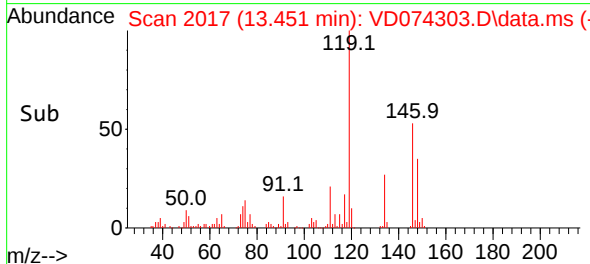
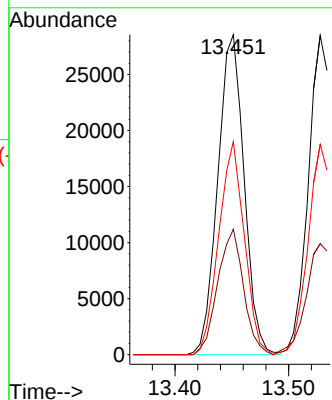
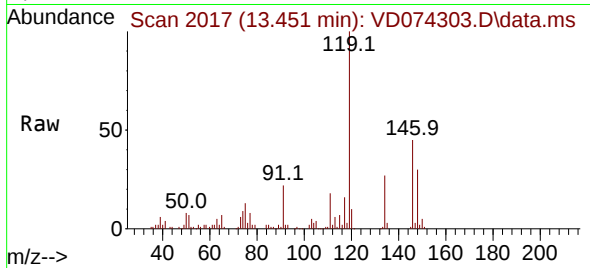
#87
1,3-Dichlorobenzene
Concen: 19.286 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion:146 Resp: 46060
Ion Ratio Lower Upper
146 100
111 38.4 18.1 54.4
148 64.6 31.7 95.1

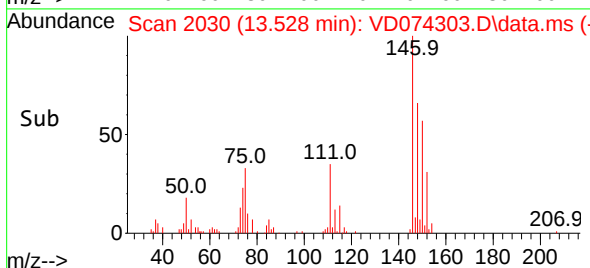
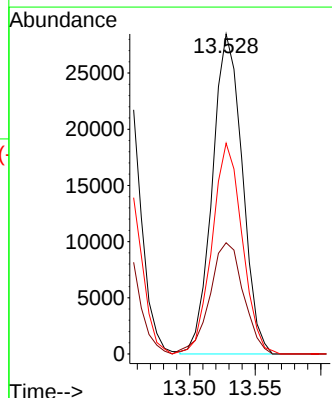
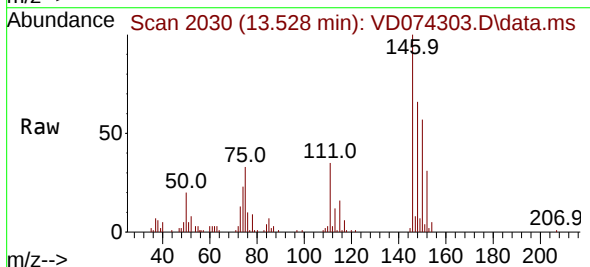
Manual Integrations
APPROVED

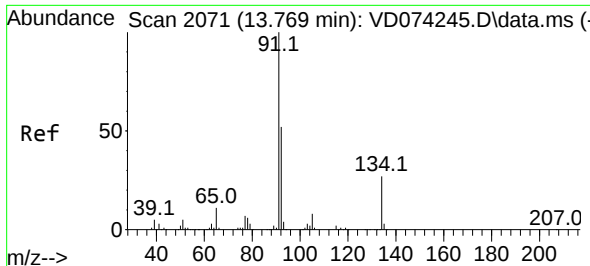
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#88
1,4-Dichlorobenzene
Concen: 19.266 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion:146 Resp: 45246
Ion Ratio Lower Upper
146 100
111 38.9 18.4 55.2
148 66.3 32.1 96.5





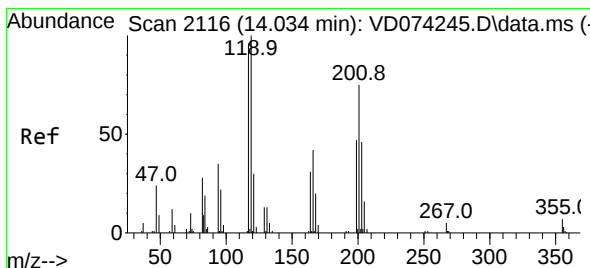
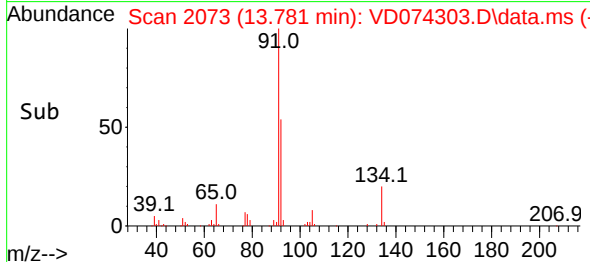
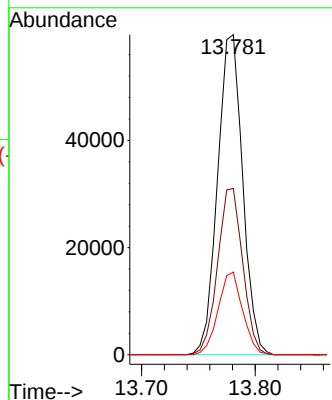
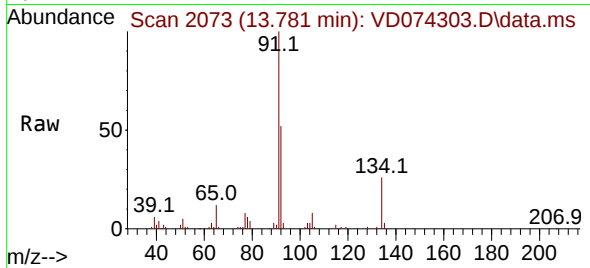
#89
n-Butylbenzene
Concen: 19.613 ug/l
RT: 13.781 min Scan# 2071
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01

Tgt Ion: 91 Resp: 91759
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 25.1 13.1 39.1

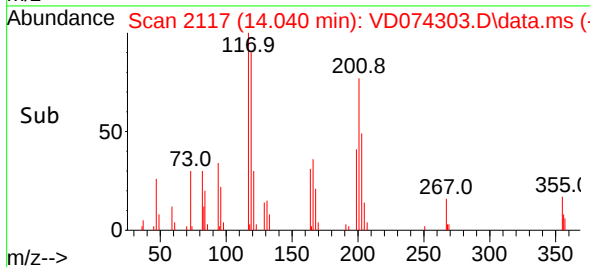
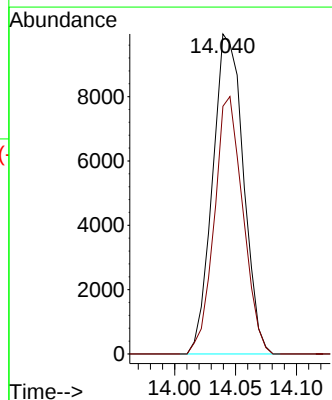
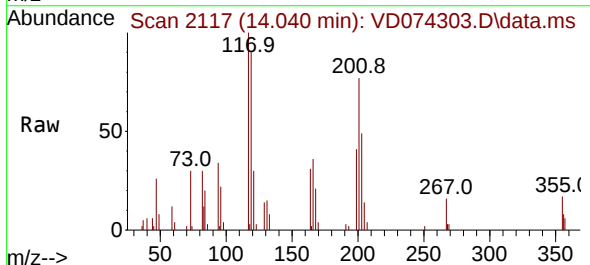
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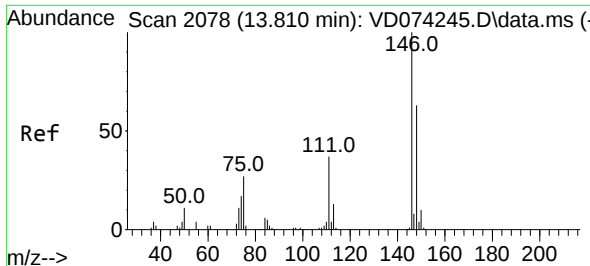
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 19.955 ug/l
RT: 14.040 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion:117 Resp: 17478
Ion Ratio Lower Upper
117 100
201 74.9 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 18.660 ug/l

RT: 13.822 min Scan# 2078

Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

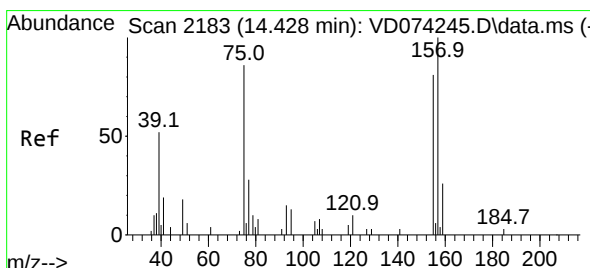
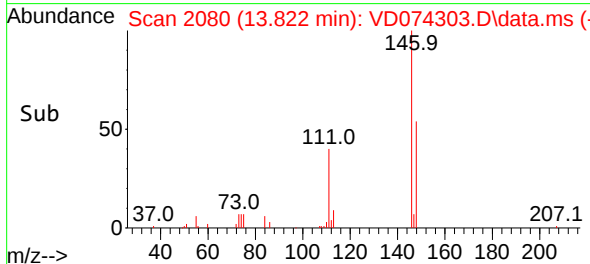
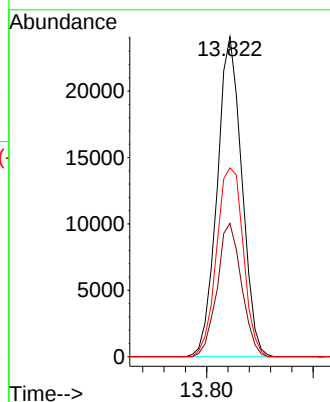
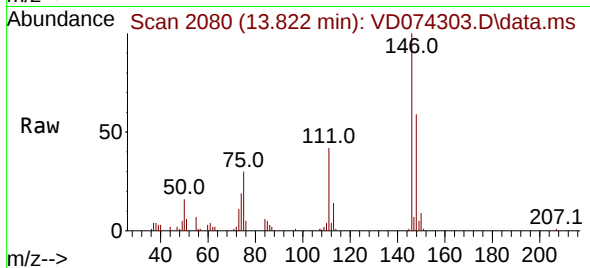
Tgt Ion:	146	Resp:	3875
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.4	58.4
148	63.9	31.5	94.5

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.710 ug/l

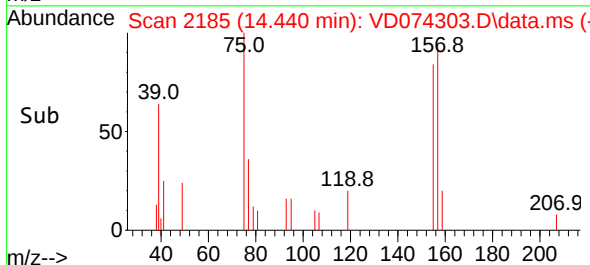
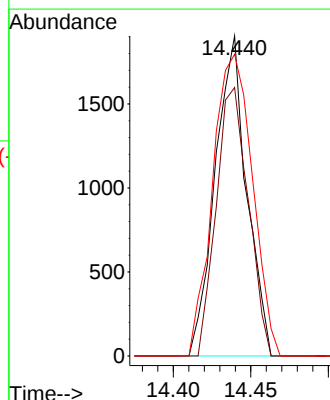
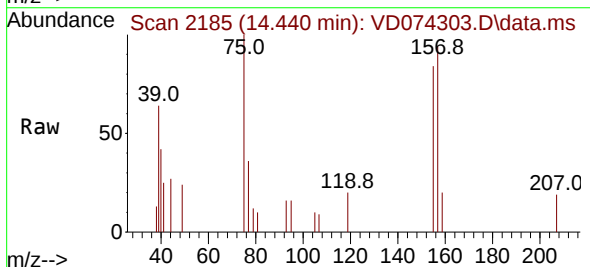
RT: 14.440 min Scan# 2185

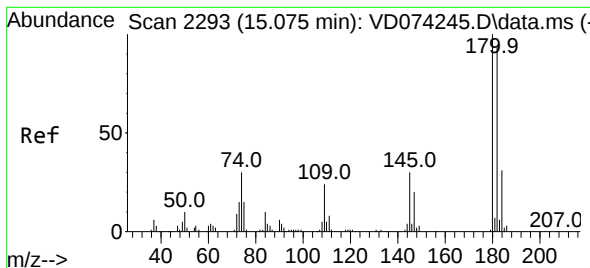
Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Tgt Ion:	75	Resp:	2691
Ion Ratio	Lower	Upper	
75	100		
155	85.5	49.2	147.6
157	119.0	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.793 ug/l

RT: 15.087 min Scan# 21

Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBS01

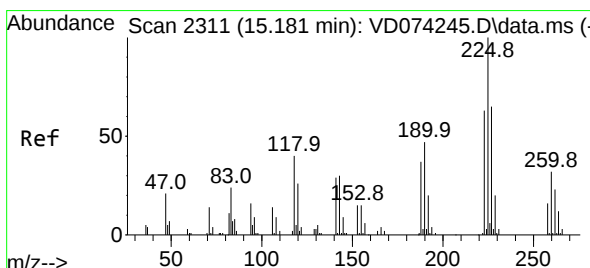
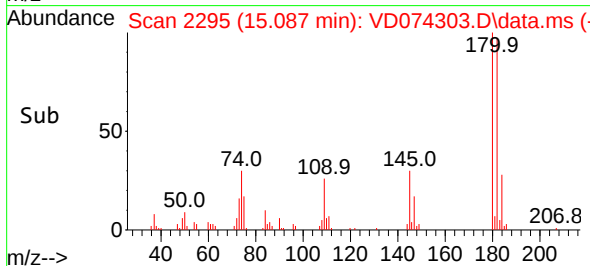
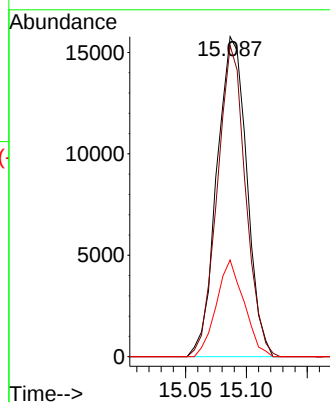
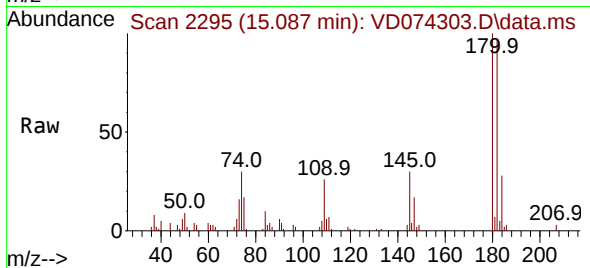
Tgt Ion:	180	Resp:	2698
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.6	142.9
145	27.9	14.4	43.4

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 18.073 ug/l

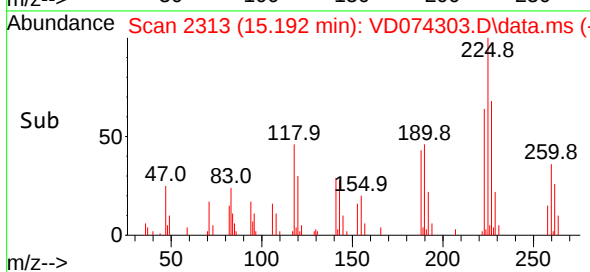
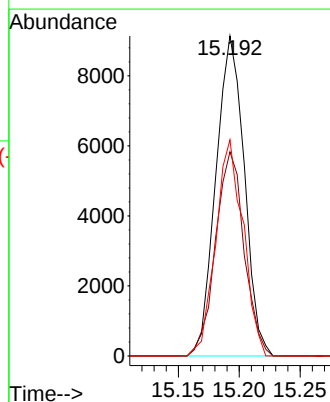
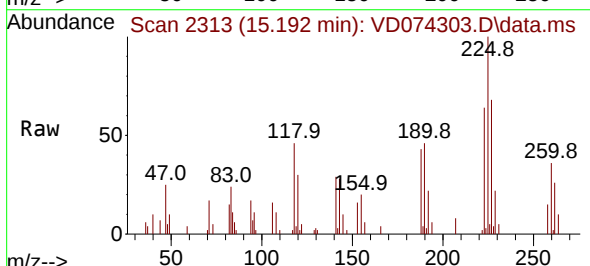
RT: 15.192 min Scan# 2313

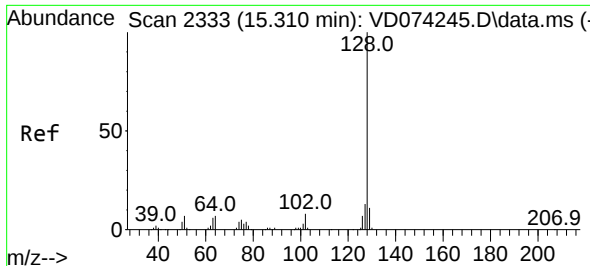
Delta R.T. 0.012 min

Lab File: VD074303.D

Acq: 15 Sep 2022 12:47

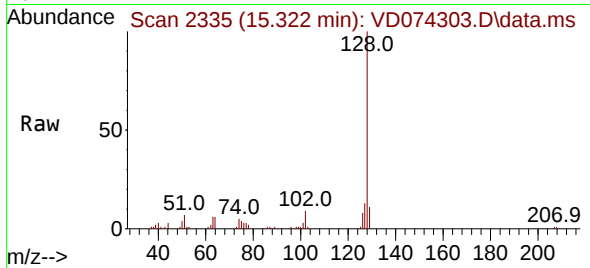
Tgt Ion:	225	Resp:	14827
Ion Ratio	Lower	Upper	
225	100		
223	64.2	32.4	97.0
227	65.3	32.7	98.1





#95
Naphthalene
Concen: 18.619 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

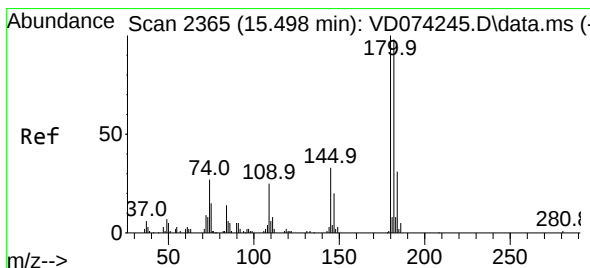
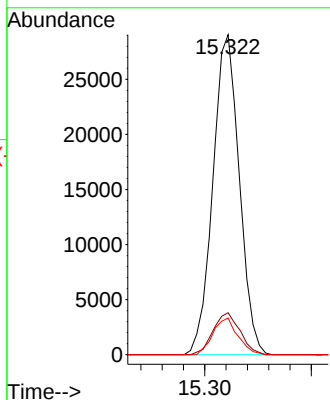
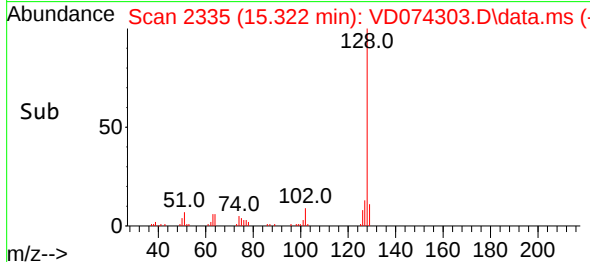
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBS01



Tgt Ion:128 Resp: 49949
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.8 8.8 13.2

Manual Integrations
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Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.359 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. 0.012 min
Lab File: VD074303.D
Acq: 15 Sep 2022 12:47

Tgt Ion:180 Resp: 22627
Ion Ratio Lower Upper
180 100
182 90.4 47.5 142.5
145 31.4 15.8 47.3

