

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074301.D
 Acq On : 15 Sep 2022 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 15 12:17:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	149552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	135899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64782	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41830	45.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.805	113	43937	43.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.940%		
50) Toluene-d8	10.263	98	171528	46.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.580%		
62) 4-Bromofluorobenzene	12.569	95	53322	40.305	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32552	46.194	ug/l	94
3) Chloromethane	2.140	50	32374	48.171	ug/l	98
4) Vinyl Chloride	2.281	62	32790	57.274	ug/l	97
5) Bromomethane	2.681	94	19505	64.695	ug/l	92
6) Chloroethane	2.828	64	20429	59.923	ug/l	90
7) Trichlorofluoromethane	3.170	101	74352	46.678	ug/l	94
8) Diethyl Ether	3.587	74	24158	47.008	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	48868	47.683	ug/l	98
10) Methyl Iodide	4.158	142	57806	47.329	ug/l	99
11) Tert butyl alcohol	5.058	59	15179	203.052	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	45756	46.250	ug/l	94
13) Acrolein	3.793	56	18635	234.525	ug/l	98
14) Allyl chloride	4.552	41	71405	46.507	ug/l	100
15) Acrylonitrile	5.246	53	59154	246.881	ug/l	99
16) Acetone	4.022	43	51693	273.229	ug/l	94
17) Carbon Disulfide	4.264	76	119279	41.795	ug/l	96
18) Methyl Acetate	4.558	43	28378	44.833	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	112904	47.112	ug/l	96
20) Methylene Chloride	4.799	84	61370	53.715	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	51023	45.718	ug/l	97
22) Diisopropyl ether	6.211	45	159591	48.981	ug/l	98
23) Vinyl Acetate	6.152	43	395976	257.366	ug/l	99
24) 1,1-Dichloroethane	6.111	63	100056	49.711	ug/l	98
25) 2-Butanone	7.081	43	76073	241.088	ug/l	94
26) 2,2-Dichloropropane	7.075	77	84476	48.040	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	59687	46.806	ug/l	99
28) Bromochloromethane	7.422	49	30542	49.410	ug/l	99
29) Tetrahydrofuran	7.446	42	46641	239.761	ug/l	97
30) Chloroform	7.599	83	98244	49.179	ug/l	90
31) Cyclohexane	7.875	56	82976	43.805	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	84087	47.972	ug/l	99
36) 1,1-Dichloropropene	8.005	75	75085	46.386	ug/l	99
37) Ethyl Acetate	7.163	43	33065	47.104	ug/l #	78
38) Carbon Tetrachloride	7.993	117	71420	48.766	ug/l	98
39) Methylcyclohexane	9.275	83	86737	43.287	ug/l	97
40) Benzene	8.246	78	213685	47.700	ug/l	99

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 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 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	18934	48.426	ug/l	95
42) 1,2-Dichloroethane	8.328	62	54819	46.305	ug/l	99
43) Isopropyl Acetate	8.357	43	60516	44.632	ug/l	97
44) Trichloroethene	9.028	130	55996	45.032	ug/l	97
45) 1,2-Dichloropropane	9.305	63	55950	48.056	ug/l	99
46) Dibromomethane	9.393	93	28967	47.920	ug/l	95
47) Bromodichloromethane	9.581	83	73571	48.376	ug/l	95
48) Methyl methacrylate	9.375	41	30317	47.341	ug/l	96
49) 1,4-Dioxane	9.381	88	6328	884.008	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	166532	243.008	ug/l	98
52) Toluene	10.334	92	135169	47.042	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	67593	47.150	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	83509	47.280	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	40399	48.346	ug/l	97
56) Ethyl methacrylate	10.593	69	52866	47.616	ug/l	99
57) 1,3-Dichloropropane	10.875	76	70628	47.892	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	44896	217.581	ug/l	100
59) 2-Hexanone	10.916	43	113512	243.923	ug/l	99
60) Dibromochloromethane	11.069	129	47498	46.678	ug/l	96
61) 1,2-Dibromoethane	11.175	107	37254	46.841	ug/l	97
64) Tetrachloroethene	10.804	164	44795	43.111	ug/l	98
65) Chlorobenzene	11.604	112	143790	47.065	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	53455	48.853	ug/l	97
67) Ethyl Benzene	11.681	91	268767	47.096	ug/l	100
68) m/p-Xylenes	11.787	106	201566	93.062	ug/l	97
69) o-Xylene	12.116	106	95995	46.896	ug/l	100
70) Styrene	12.128	104	164623	48.220	ug/l	99
71) Bromoform	12.293	173	28423	46.658	ug/l #	99
73) Isopropylbenzene	12.416	105	262806	47.948	ug/l	99
74) N-amyl acetate	12.228	43	59309	45.949	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.663	83	46621	46.715	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	30789m	46.361	ug/l	
77) Bromobenzene	12.693	156	55912	46.486	ug/l	99
78) n-propylbenzene	12.757	91	319233	47.497	ug/l	99
79) 2-Chlorotoluene	12.840	91	170535	46.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	210848	46.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	12828	47.625	ug/l #	100
82) 4-Chlorotoluene	12.940	91	174403	47.118	ug/l	99
83) tert-Butylbenzene	13.157	119	191655	48.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	209650	47.557	ug/l	99
85) sec-Butylbenzene	13.340	105	287966	47.828	ug/l	100
86) p-Isopropyltoluene	13.451	119	233589	47.498	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	115246	46.981	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	111094	46.054	ug/l	99
89) n-Butylbenzene	13.781	91	227464	47.333	ug/l	99
90) Hexachloroethane	14.045	117	44257	49.195	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	97956	45.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6665	47.527	ug/l	91
93) 1,2,4-Trichlorobenzene	15.087	180	66128	44.843	ug/l	98
94) Hexachlorobutadiene	15.192	225	38304	45.455	ug/l	99
95) Naphthalene	15.322	128	126439	45.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	56369	44.527	ug/l	98

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 VSTDCCC050

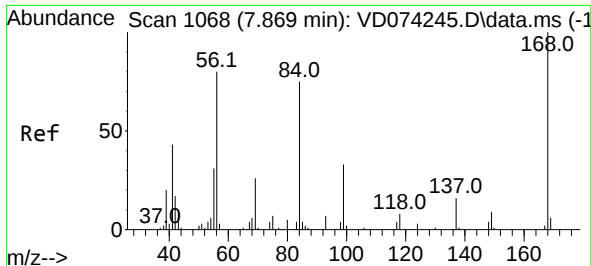
Manual Integrations
APPROVED

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

Quant Time: Sep 15 12:17:37 2022
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

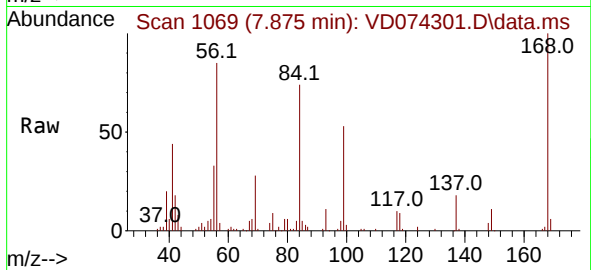
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074301.D
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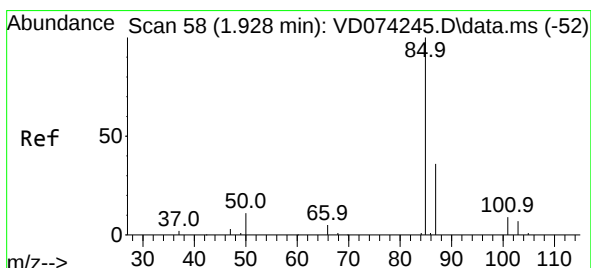
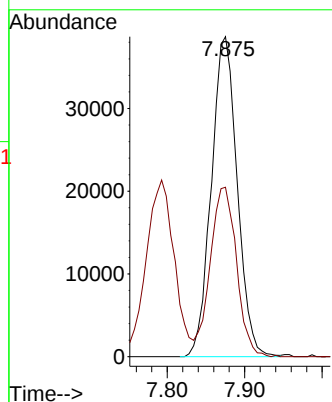
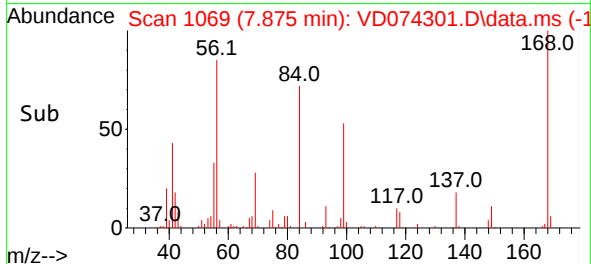
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 89904
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6

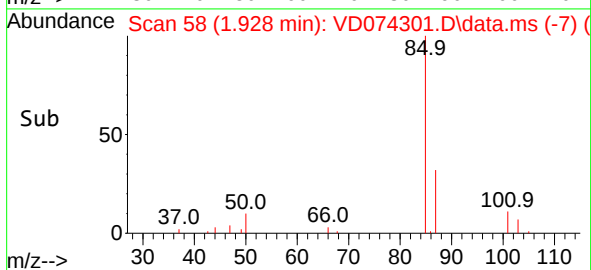
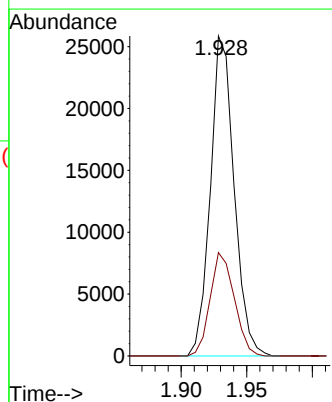
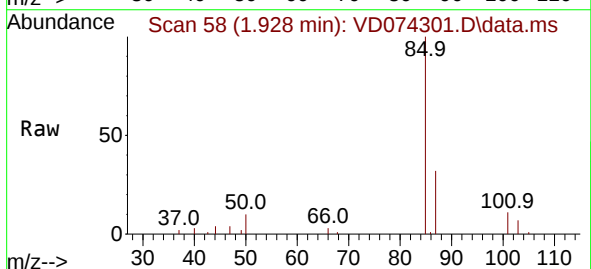
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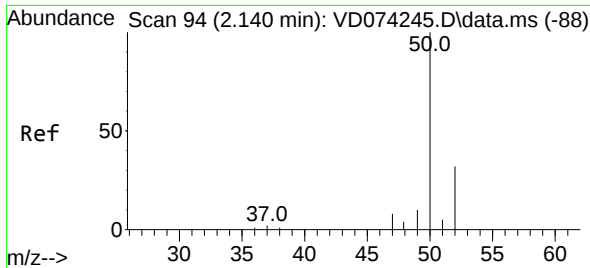
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 46.194 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 85 Resp: 32552
Ion Ratio Lower Upper
85 100
87 32.3 17.9 53.7





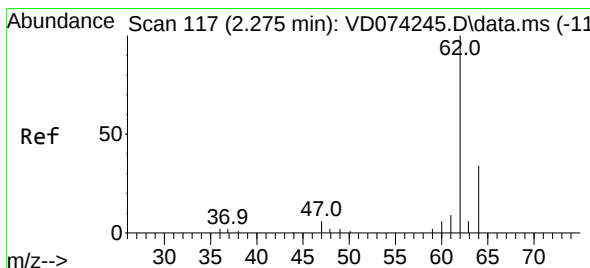
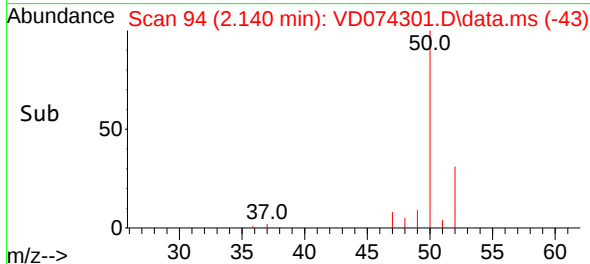
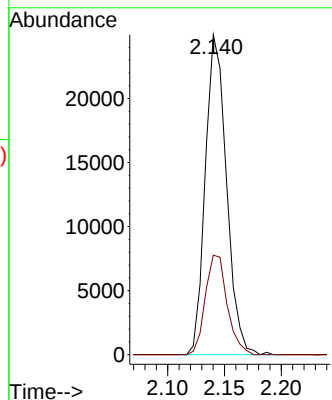
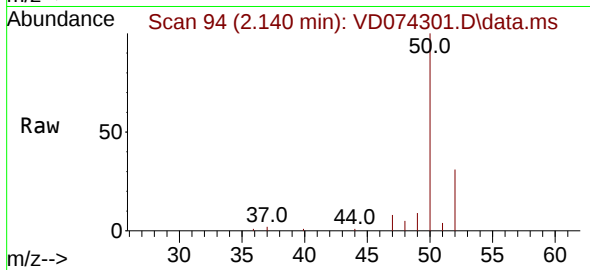
#3
Chloromethane
Concen: 48.171 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 32374
Ion Ratio Lower Upper
50 100
52 31.1 25.8 38.8

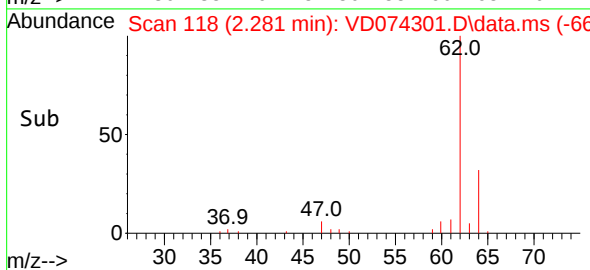
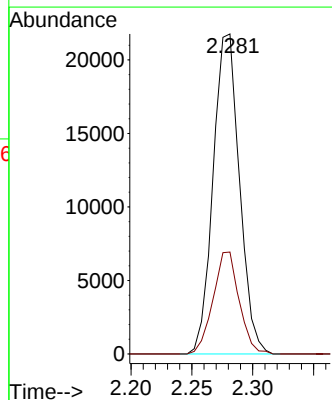
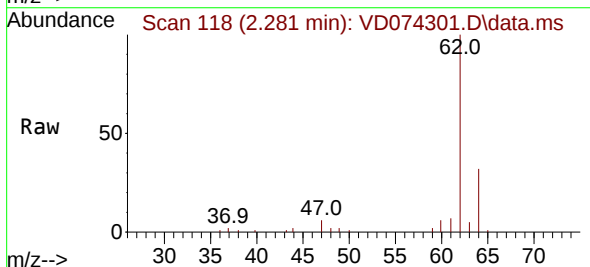
Manual Integrations
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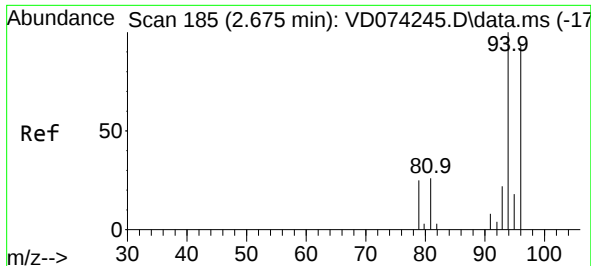
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#4
Vinyl Chloride
Concen: 57.274 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 62 Resp: 32790
Ion Ratio Lower Upper
62 100
64 31.8 27.0 40.4





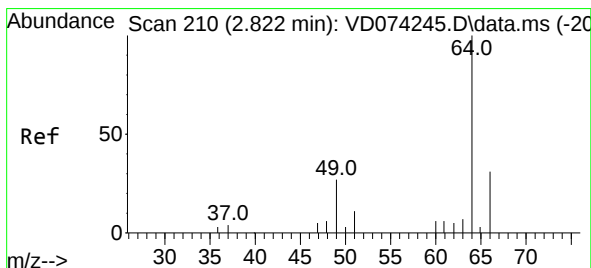
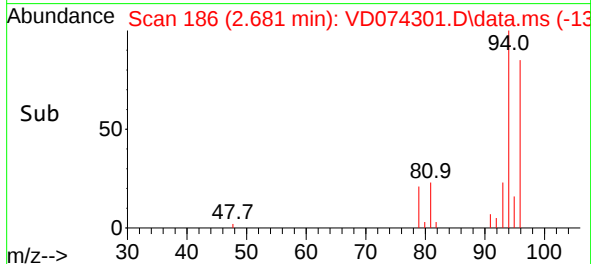
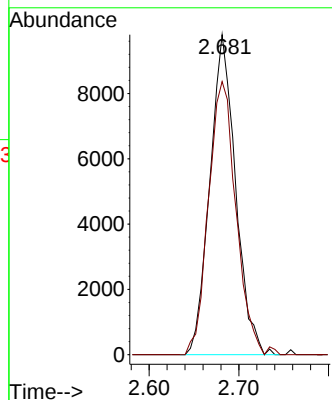
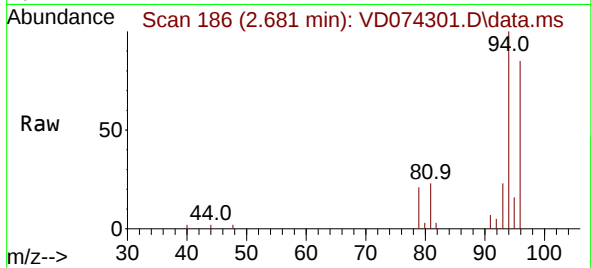
#5
Bromomethane
Concen: 64.695 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 1950
Ion Ratio Lower Upper
94 100
96 85.4 74.6 112.0

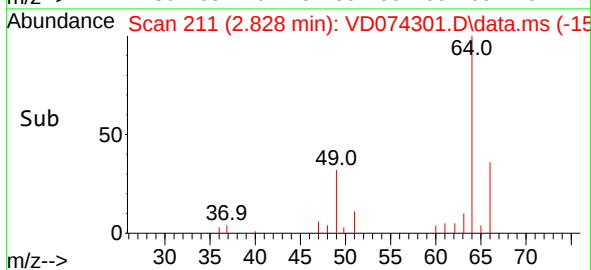
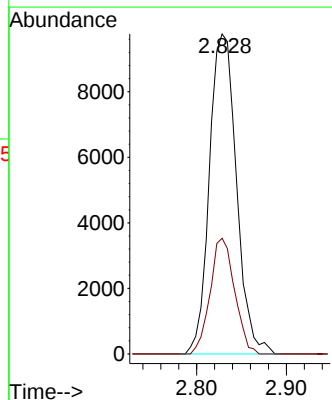
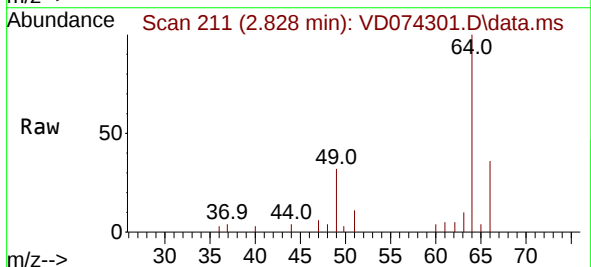
Manual Integrations
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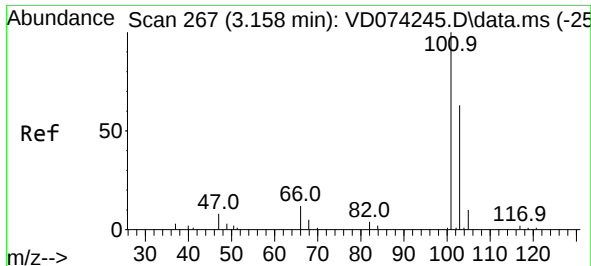
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#6
Chloroethane
Concen: 59.923 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 64 Resp: 20429
Ion Ratio Lower Upper
64 100
66 36.1 24.6 36.8





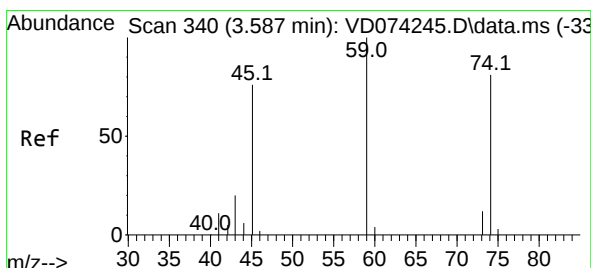
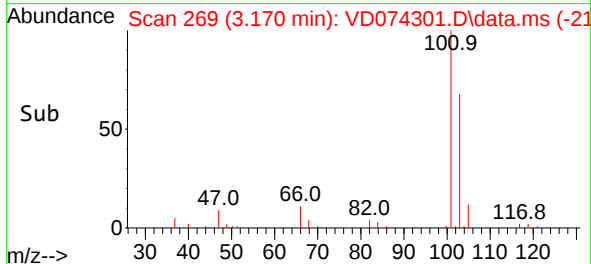
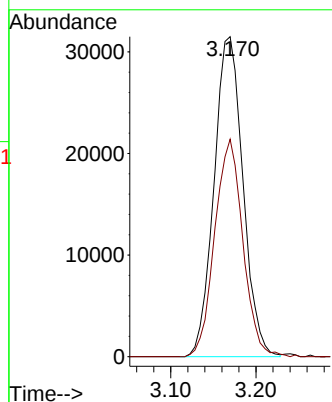
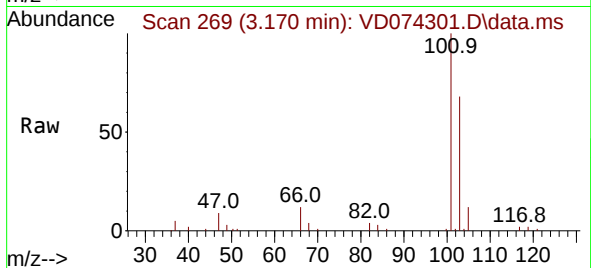
#7
Trichlorofluoromethane
Concen: 46.678 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 74352
Ion Ratio Lower Upper
101 100
103 67.9 50.6 76.0

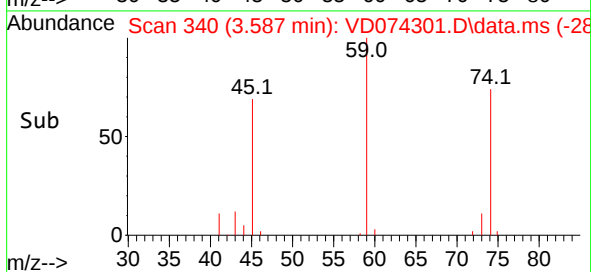
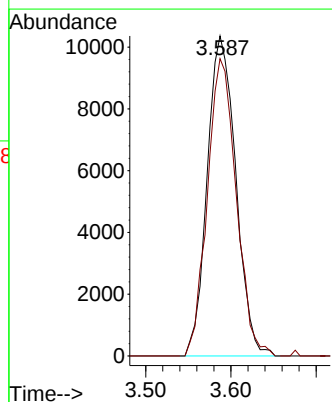
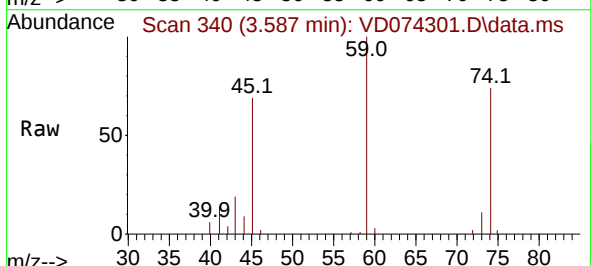
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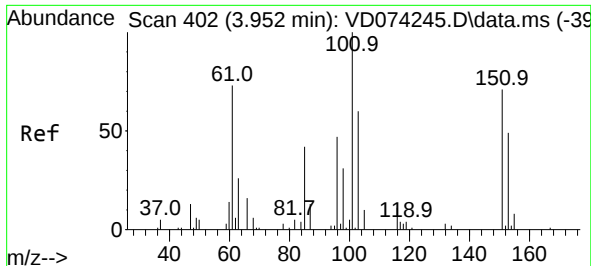
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#8
Diethyl Ether
Concen: 47.008 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 74 Resp: 24158
Ion Ratio Lower Upper
74 100
45 93.6 47.9 143.6





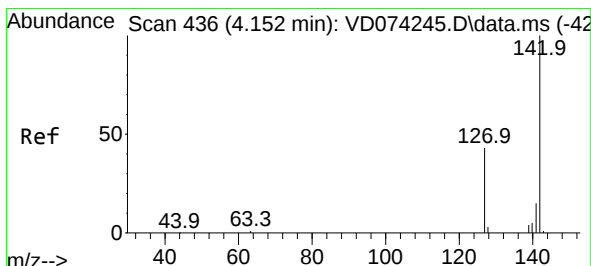
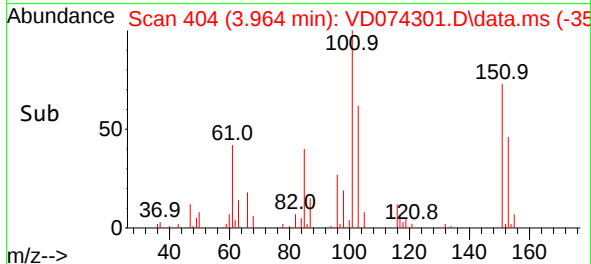
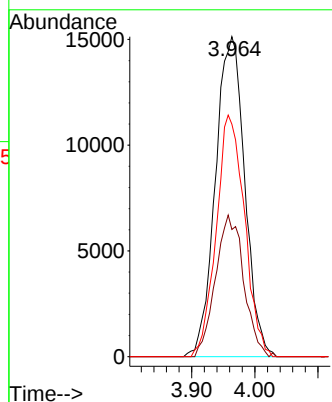
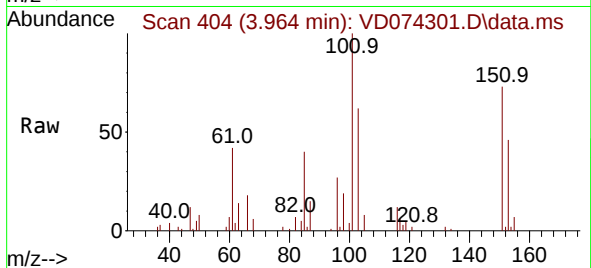
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.683 ug/l
RT: 3.964 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4886
Ion Ratio Lower Upper
101 100
85 42.6 35.0 52.4
151 72.8 59.7 89.5

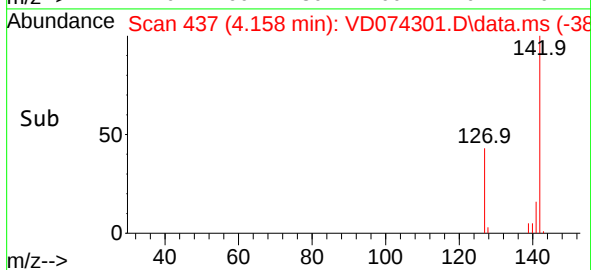
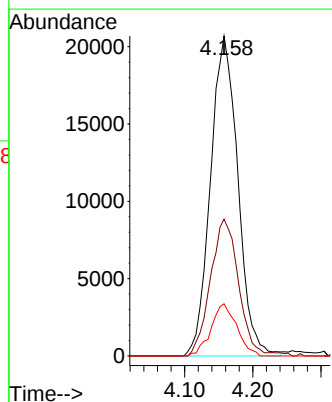
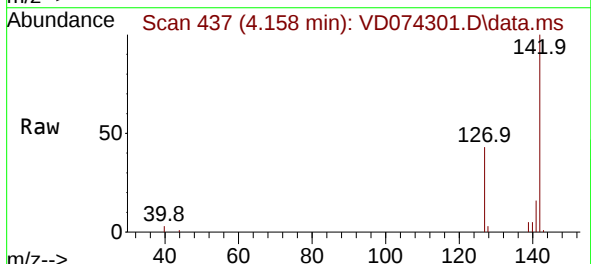
Manual Integrations
APPROVED

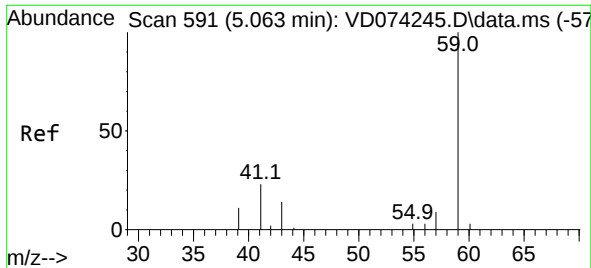
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 47.329 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

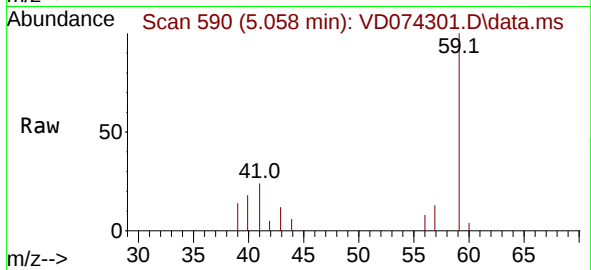
Tgt Ion:142 Resp: 57806
Ion Ratio Lower Upper
142 100
127 43.6 34.6 51.8
141 15.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 203.052 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

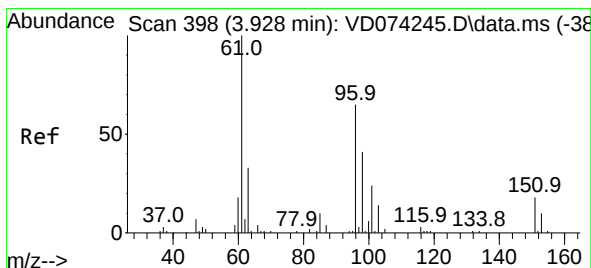
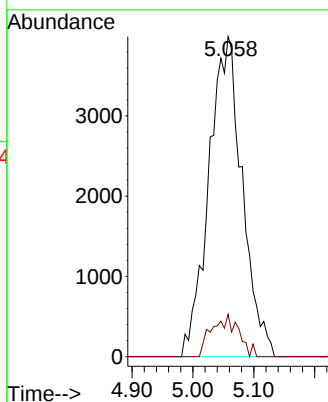
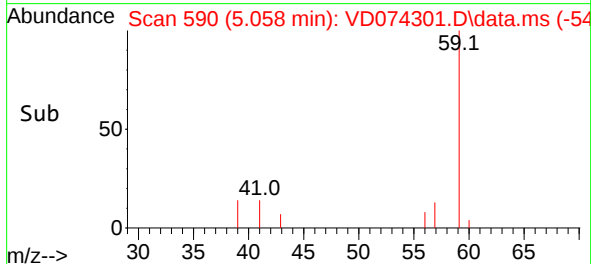
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



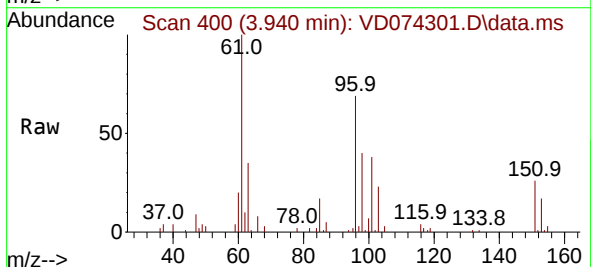
Tgt Ion: 59 Resp: 15179
Ion Ratio Lower Upper
59 100
57 5.5 7.7 11.5

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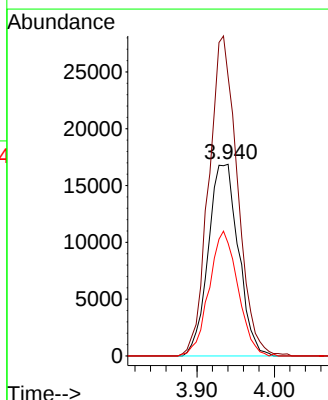
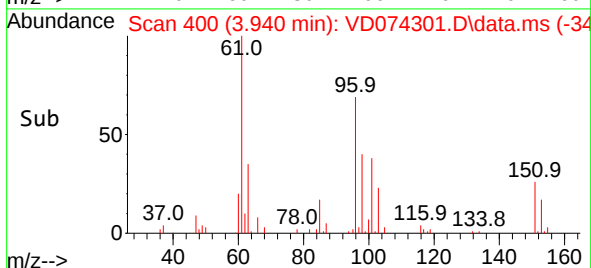
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

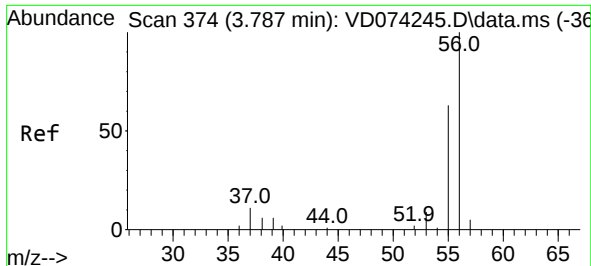


#12
1,1-Dichloroethene
Concen: 46.250 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



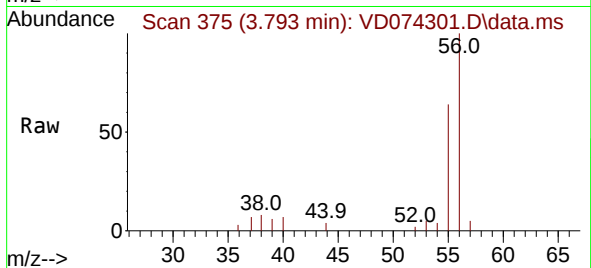
Tgt Ion: 96 Resp: 45756
Ion Ratio Lower Upper
96 100
61 145.7 122.3 183.5
98 58.8 50.7 76.1





#13
Acrolein
Concen: 234.525 ug/l
RT: 3.793 min Scan# 375
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

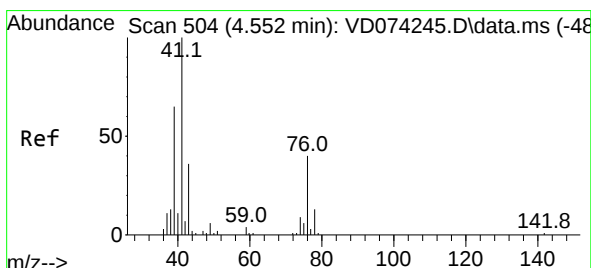
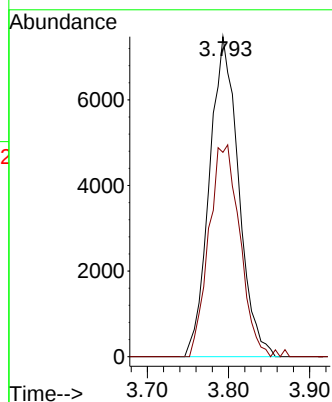
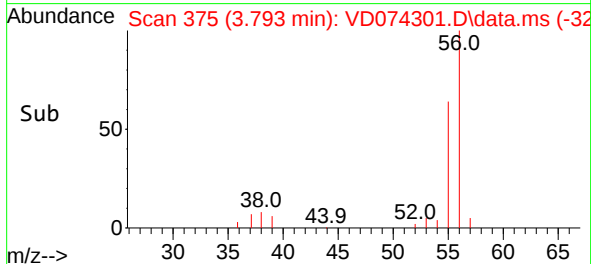
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1863
Ion Ratio Lower Upper
56 100
55 70.2 57.4 86.2

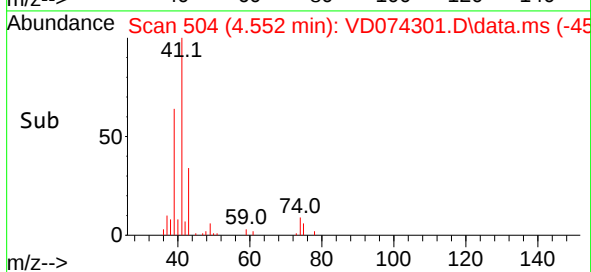
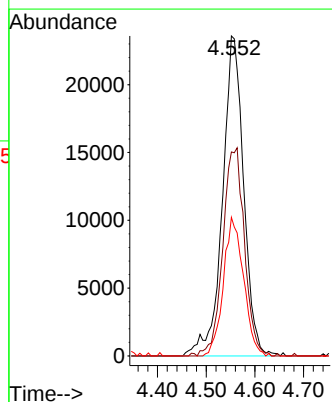
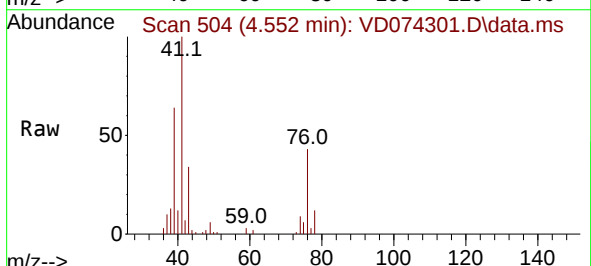
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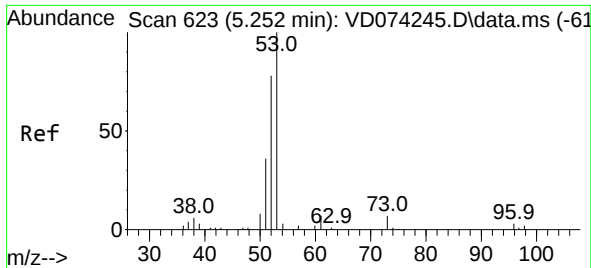
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 46.507 ug/l
RT: 4.552 min Scan# 504
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 41 Resp: 71405
Ion Ratio Lower Upper
41 100
39 66.4 52.8 79.2
76 41.2 32.9 49.3





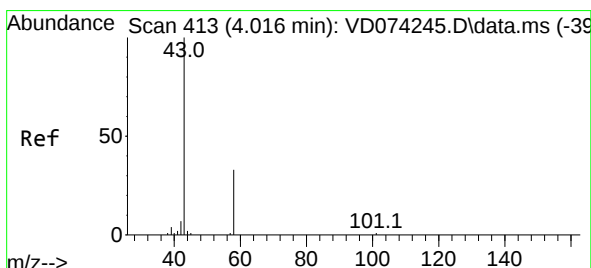
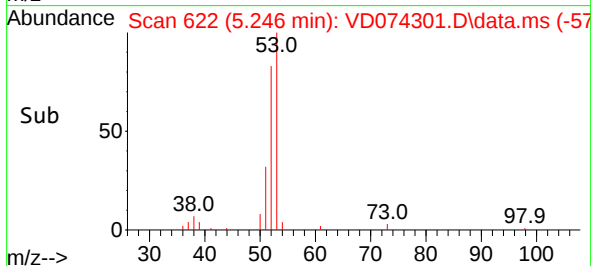
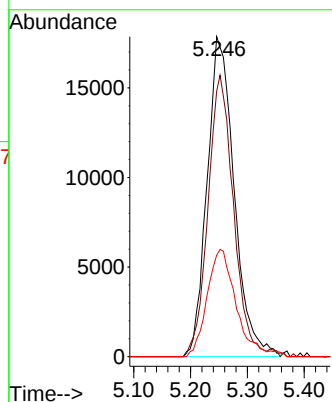
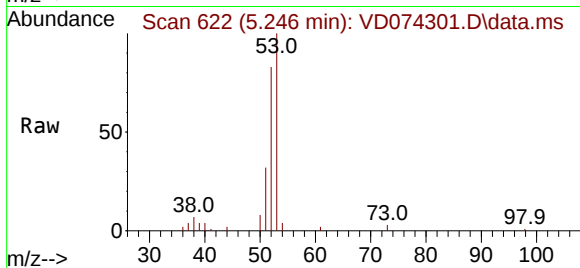
#15
Acrylonitrile
Concen: 246.881 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 59154
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.0 29.0 43.6

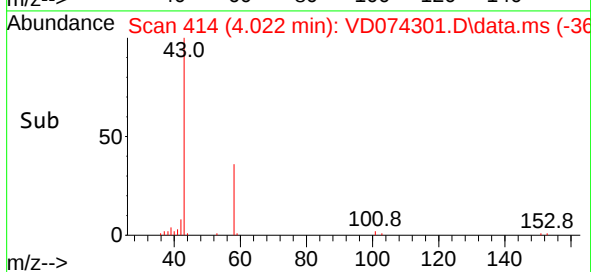
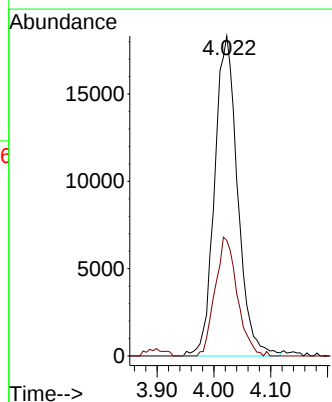
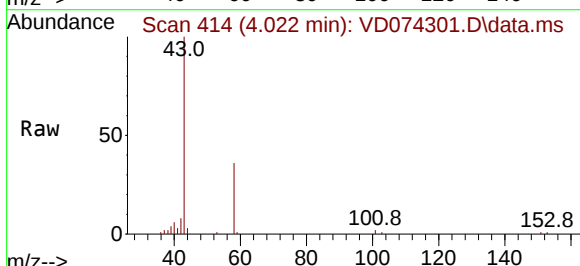
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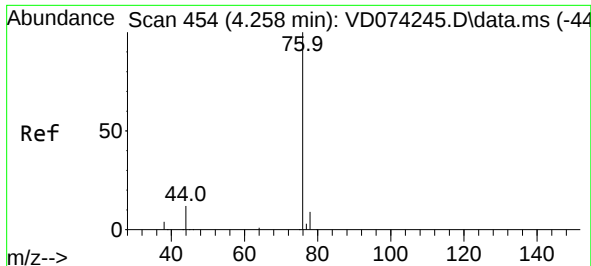
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 273.229 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

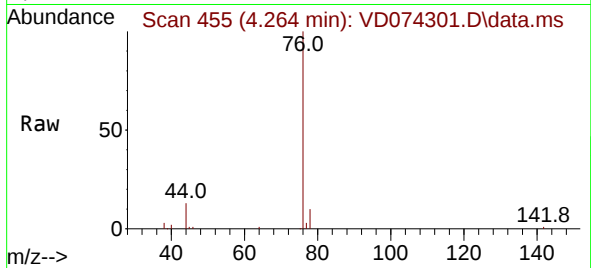
Tgt Ion: 43 Resp: 51693
Ion Ratio Lower Upper
43 100
58 36.1 26.4 39.6





#17
Carbon Disulfide
Concen: 41.795 ug/l
RT: 4.264 min Scan# 417
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

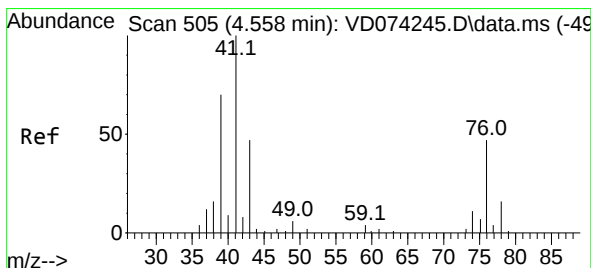
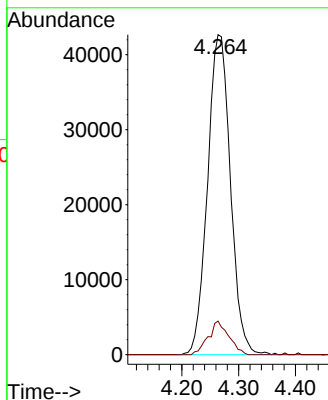
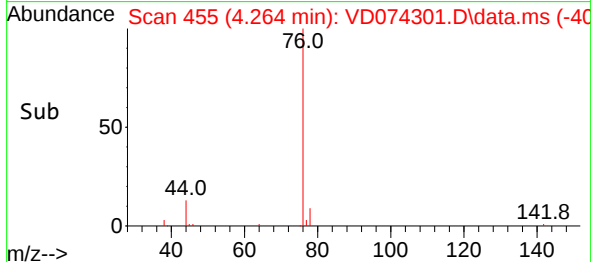
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 119279
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

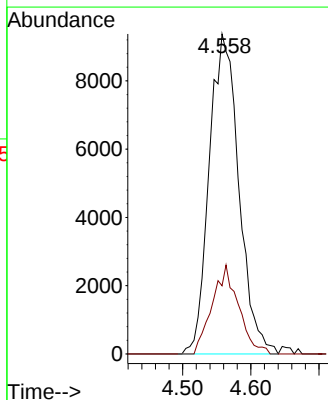
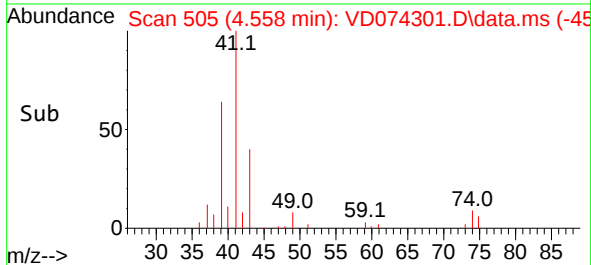
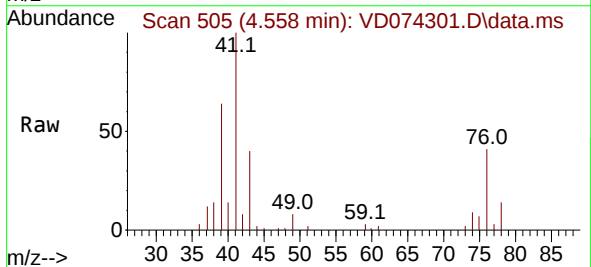
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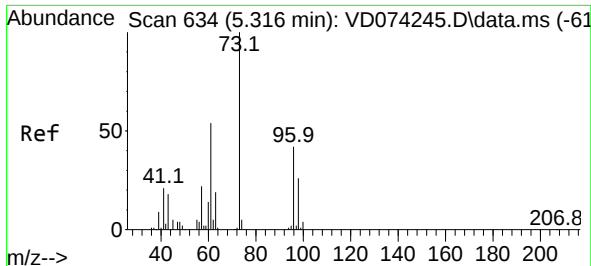
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 44.833 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 43 Resp: 28378
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 47.112 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 112904

Ion Ratio Lower Upper

73 100

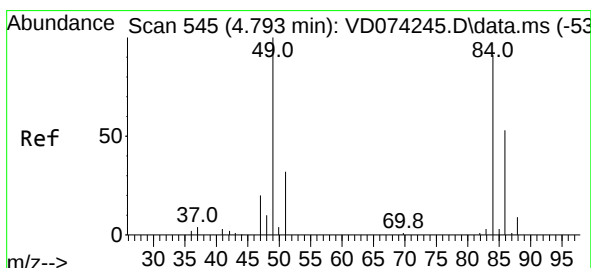
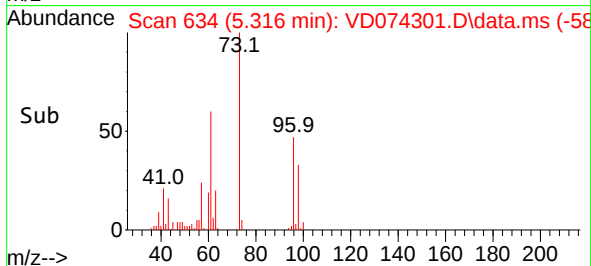
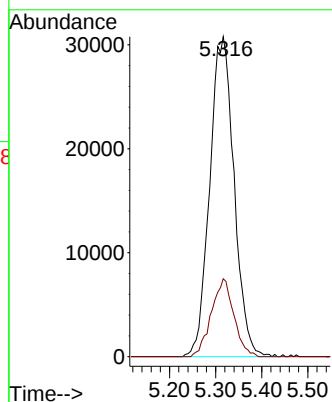
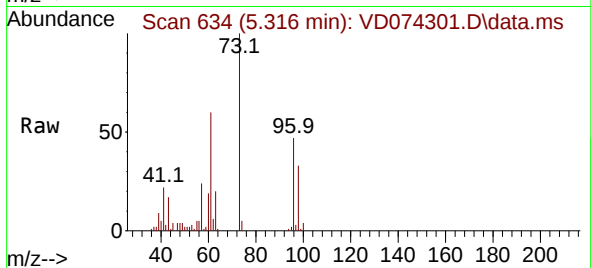
57 24.4 17.8 26.6

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#20

Methylene Chloride

Concen: 53.715 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion: 84 Resp: 61370

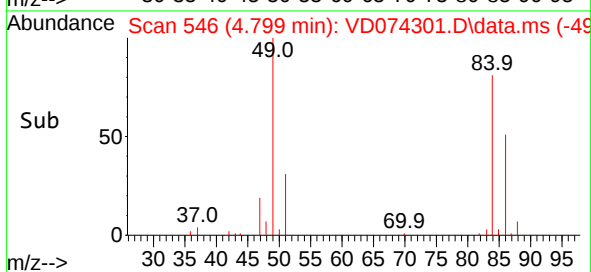
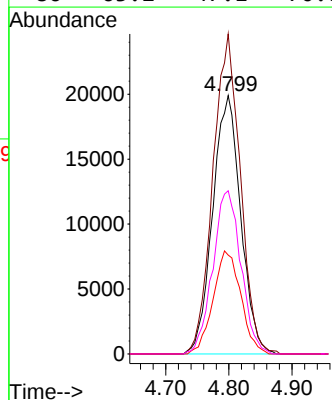
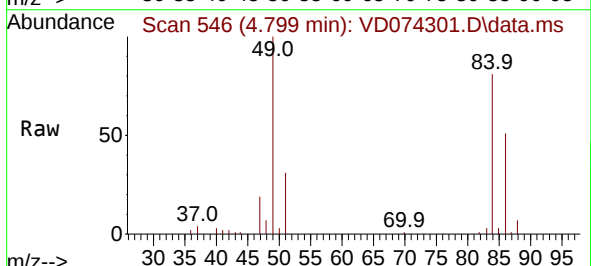
Ion Ratio Lower Upper

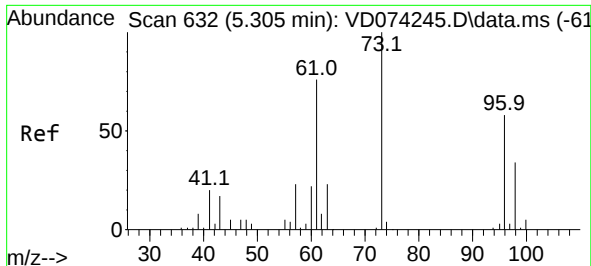
84 100

49 123.8 88.4 132.6

51 38.3 28.0 42.0

86 63.2 47.1 70.7





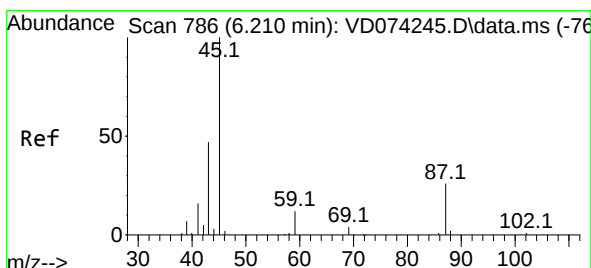
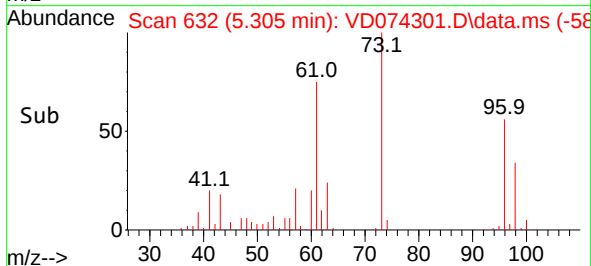
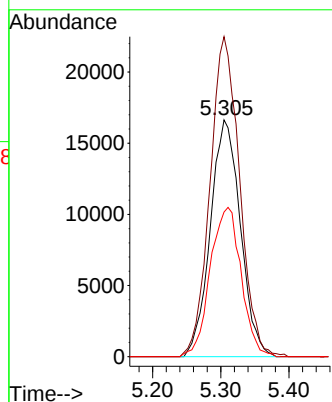
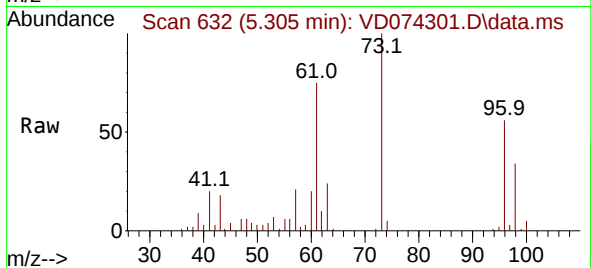
#21
trans-1,2-Dichloroethene
Concen: 45.718 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5102
Ion Ratio Lower Upper
96 100
61 135.1 105.1 157.7
98 61.1 47.4 71.2

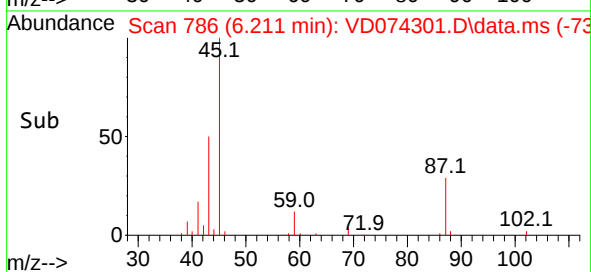
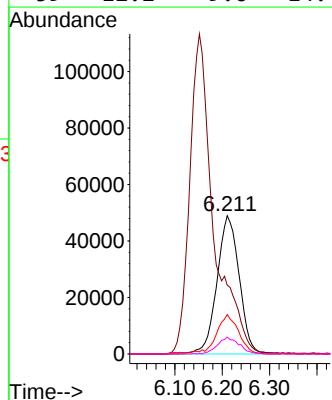
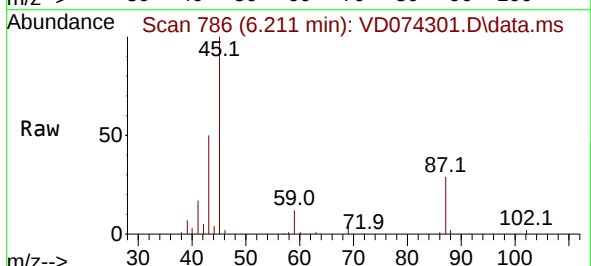
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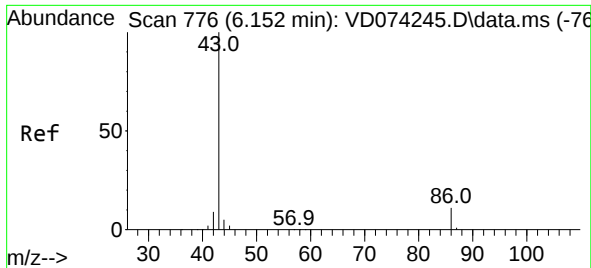
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 48.981 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 45 Resp: 159591
Ion Ratio Lower Upper
45 100
43 49.2 38.9 58.3
87 28.5 21.0 31.4
59 12.2 9.6 14.4





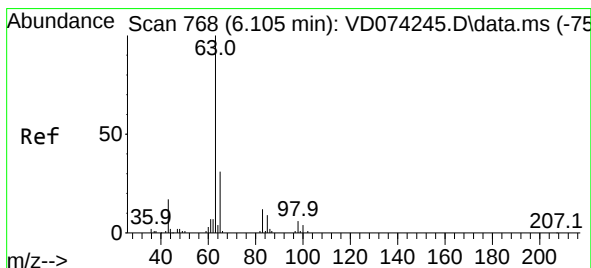
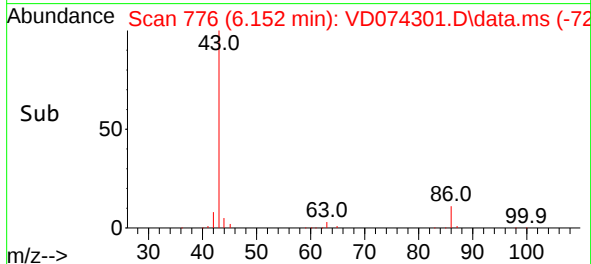
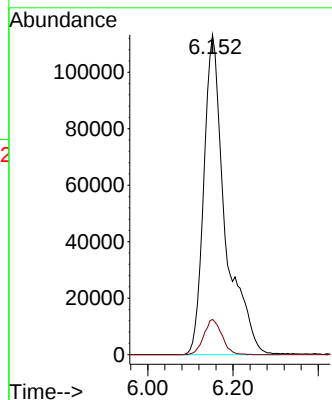
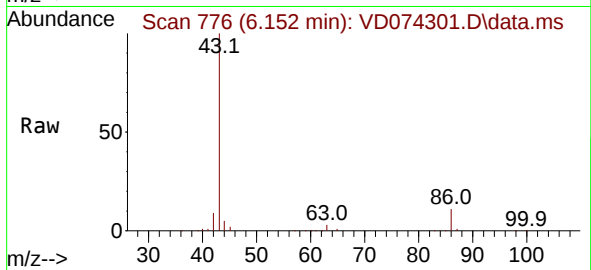
#23
 Vinyl Acetate
 Concen: 257.366 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074301.D
 Acq: 15 Sep 2022 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 395970
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

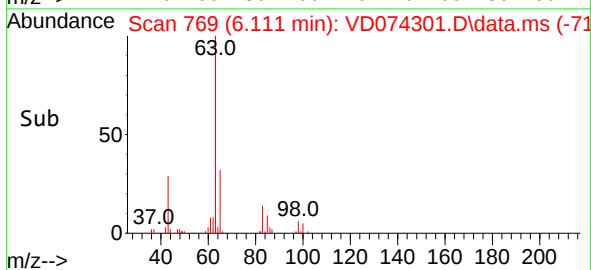
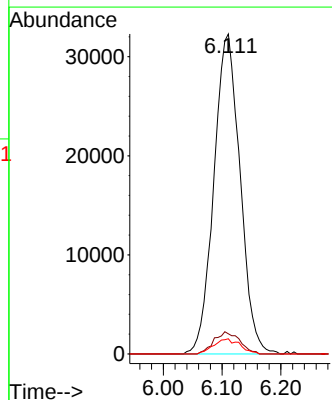
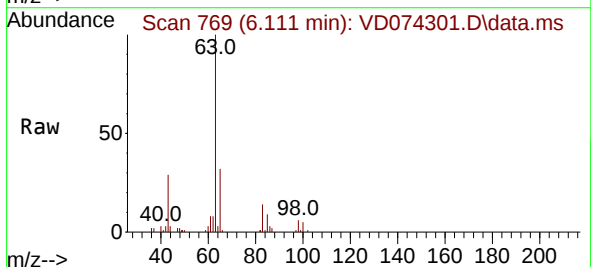
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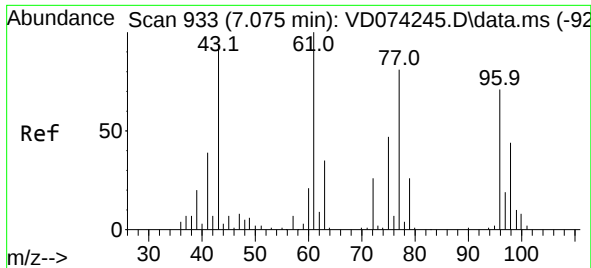
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#24
 1,1-Dichloroethane
 Concen: 49.711 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074301.D
 Acq: 15 Sep 2022 11:18

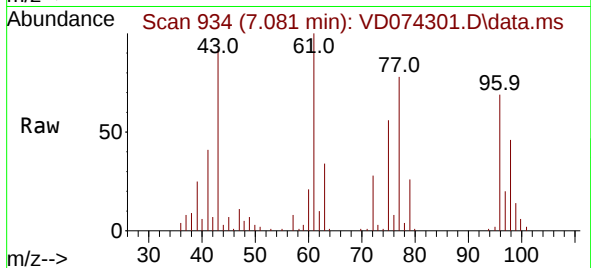
Tgt Ion: 63 Resp: 100056
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.8 8.4
 100 4.8 2.2 6.6





#25
2-Butanone
Concen: 241.088 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

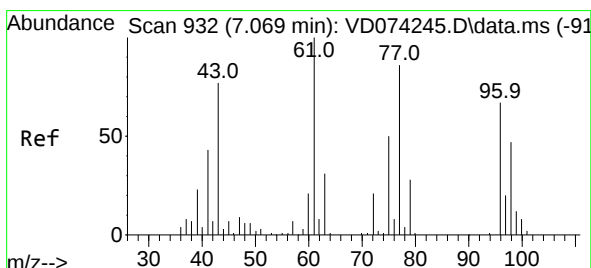
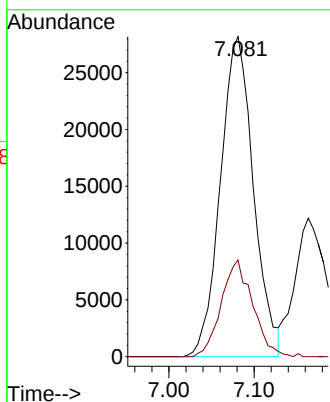
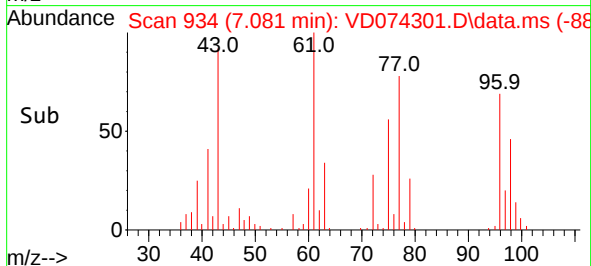
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



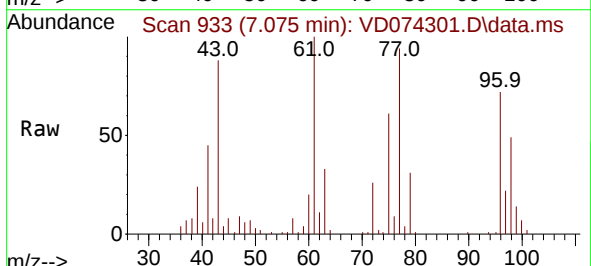
Tgt Ion: 43 Resp: 7607
Ion Ratio Lower Upper
43 100
72 30.2 21.8 32.6

Manual Integrations
APPROVED

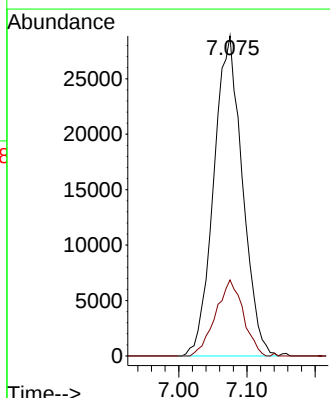
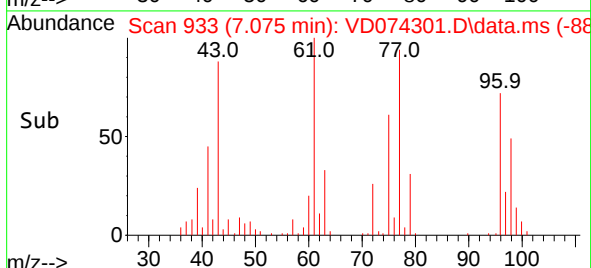
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

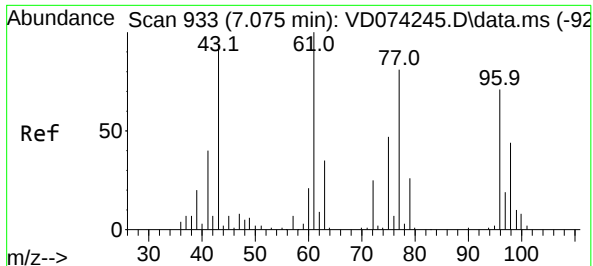


#26
2,2-Dichloropropane
Concen: 48.040 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



Tgt Ion: 77 Resp: 84476
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





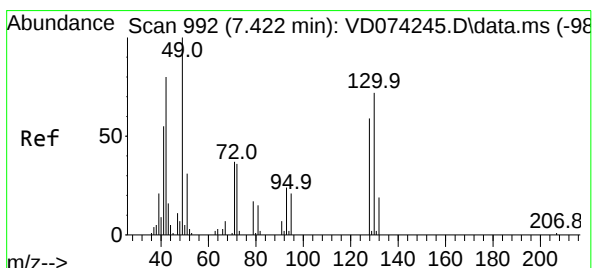
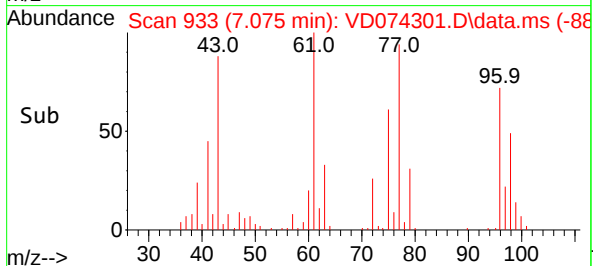
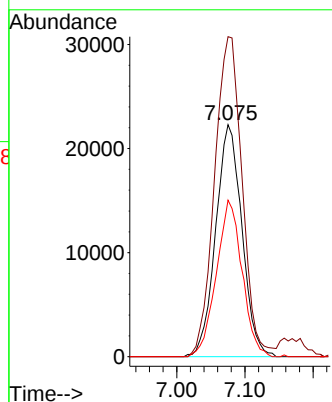
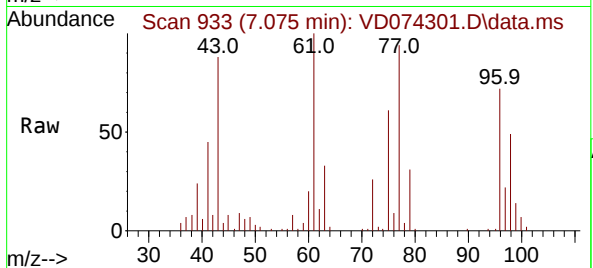
#27
cis-1,2-Dichloroethene
Concen: 46.806 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5968
Ion Ratio Lower Upper
96 100
61 144.8 0.0 289.4
98 66.2 0.0 130.2

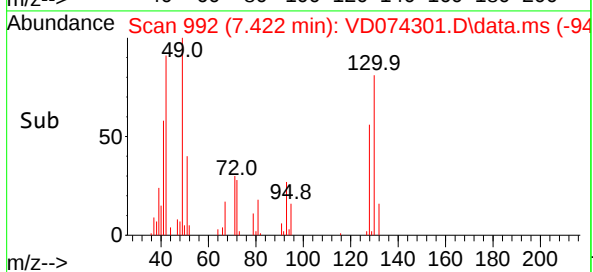
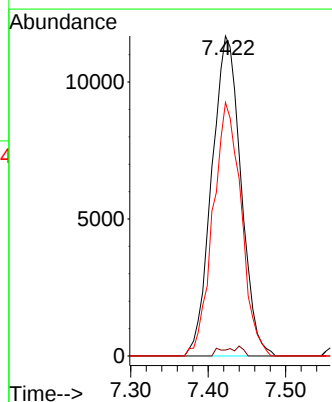
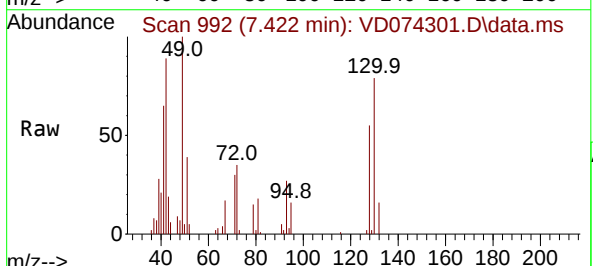
Manual Integrations
APPROVED

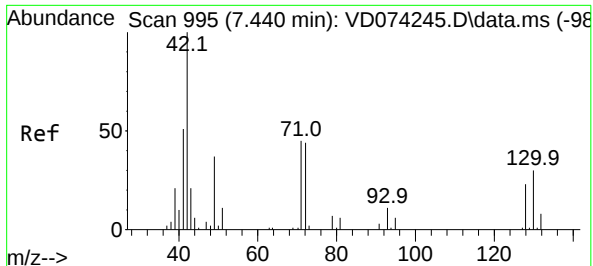
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#28
Bromochloromethane
Concen: 49.410 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 49 Resp: 30542
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.6
130 76.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 239.761 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

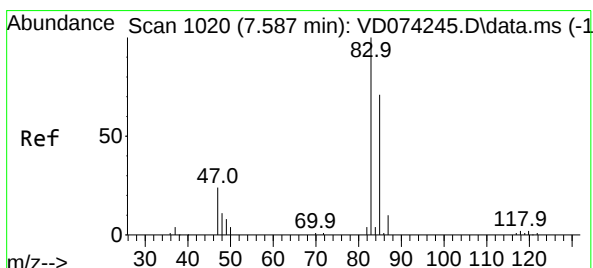
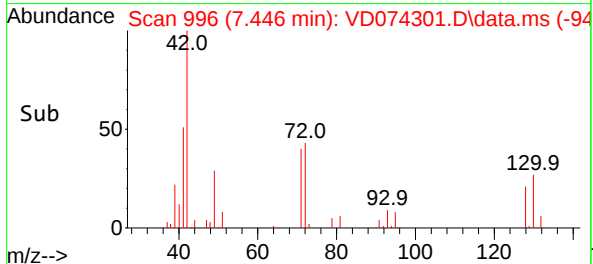
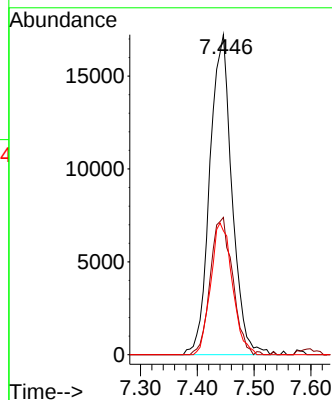
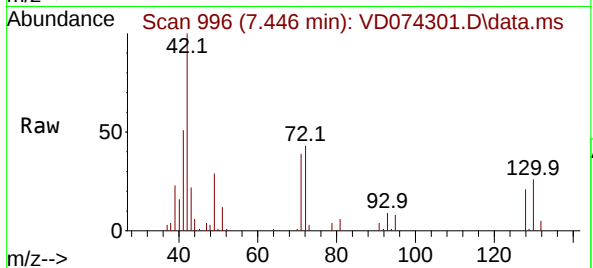
Tgt Ion: 42 Resp: 4664
 Ion Ratio Lower Upper
 42 100
 72 43.2 36.1 54.1
 71 40.2 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 49.179 ug/l

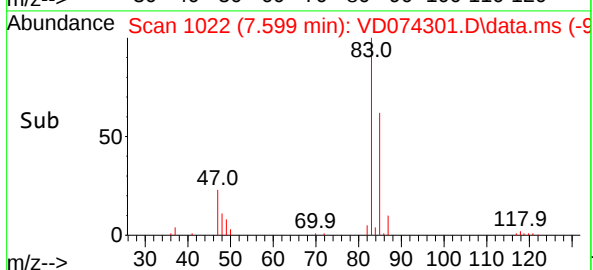
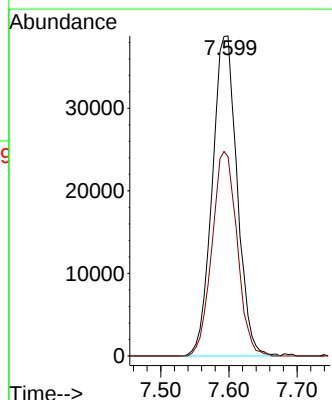
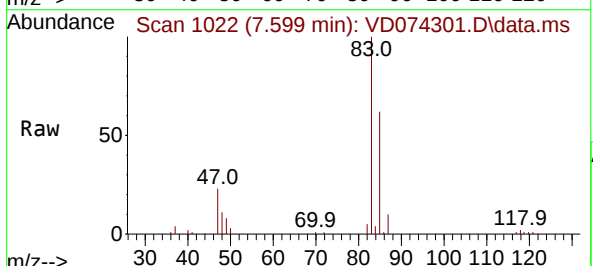
RT: 7.599 min Scan# 1022

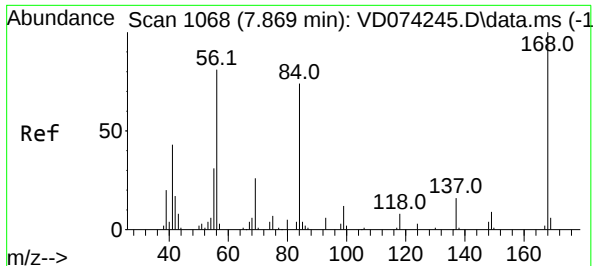
Delta R.T. 0.012 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion: 83 Resp: 98244
 Ion Ratio Lower Upper
 83 100
 85 62.3 56.7 85.1





#31

Cyclohexane

Concen: 43.805 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

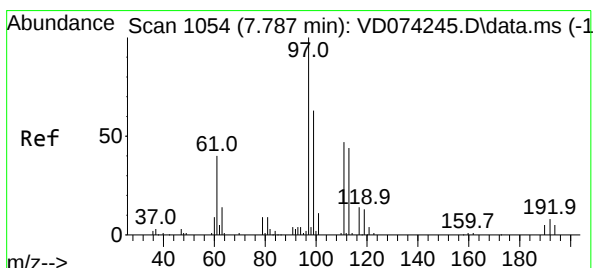
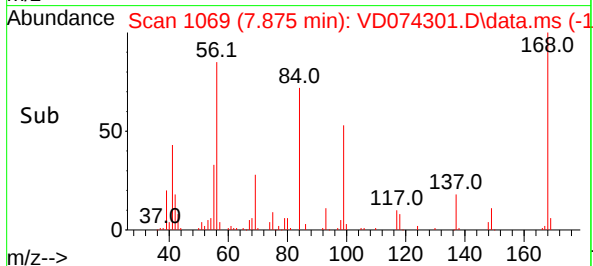
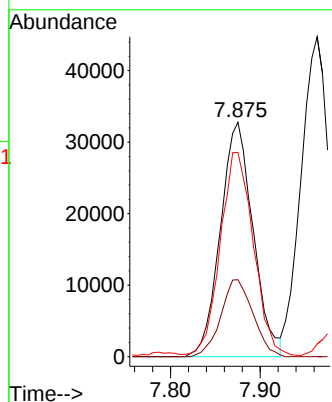
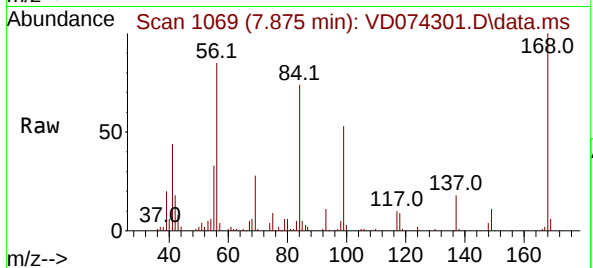
Tgt Ion:	56	Resp:	82970
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.7	38.5
84	86.2	73.9	110.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 47.972 ug/l

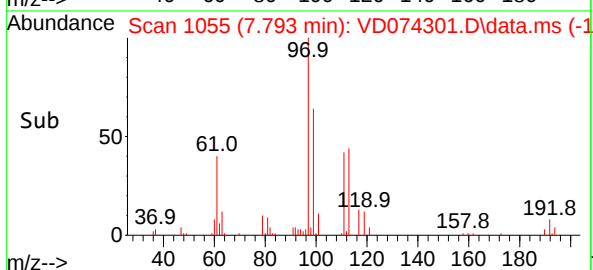
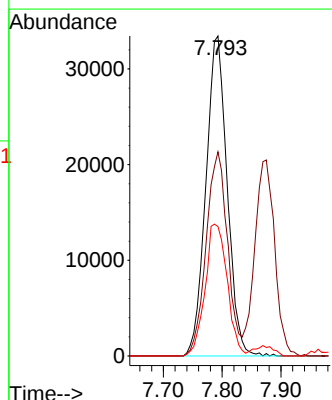
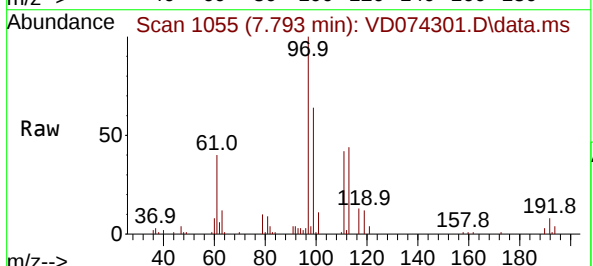
RT: 7.793 min Scan# 1055

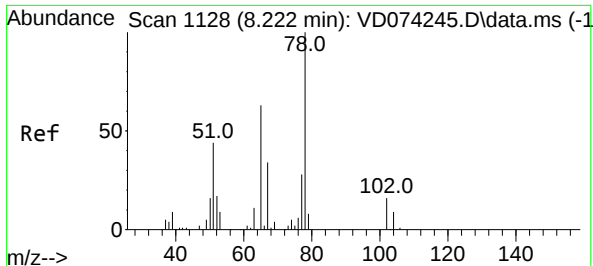
Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:	97	Resp:	84087
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	42.6	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 45.637 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 41830

Ion Ratio Lower Upper

65 100

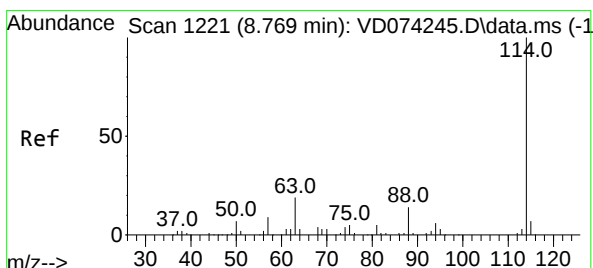
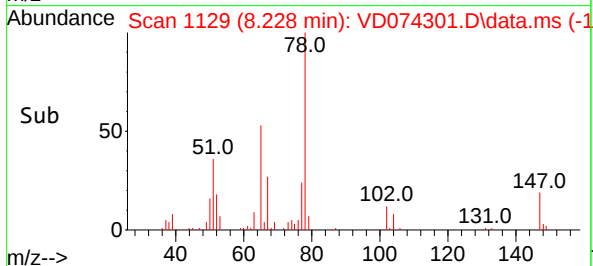
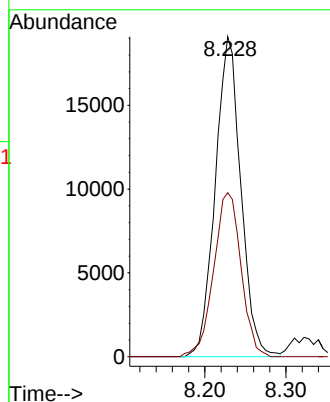
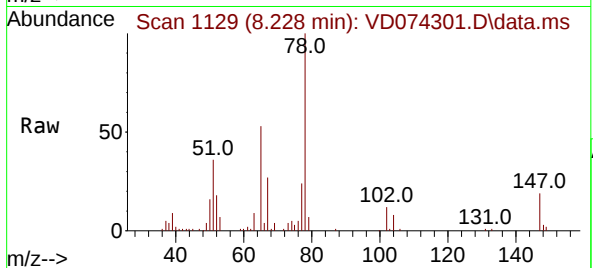
67 54.7 0.0 110.6

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: VD074301.D

Acq: 15 Sep 2022 11:18

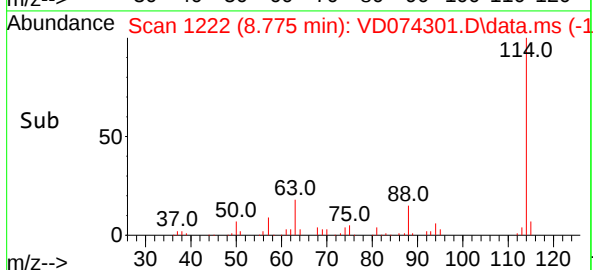
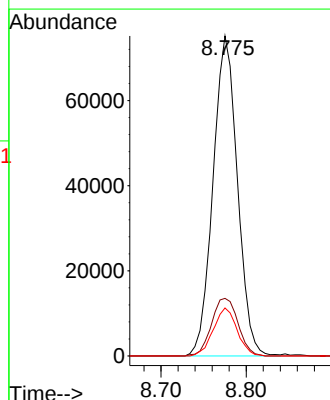
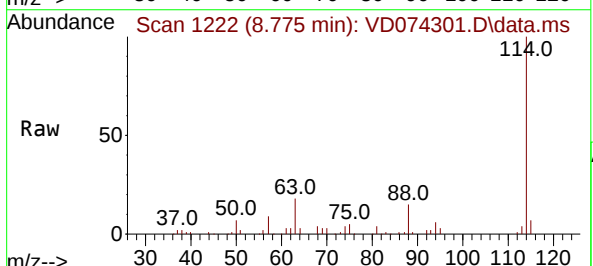
Tgt Ion:114 Resp: 149552

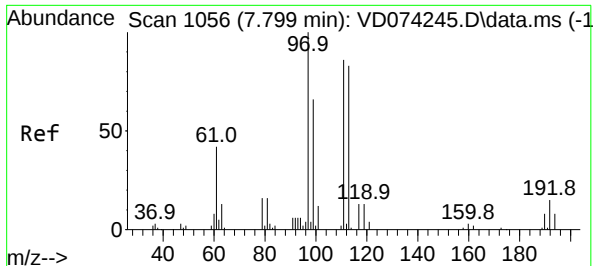
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.6

88 15.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.471 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

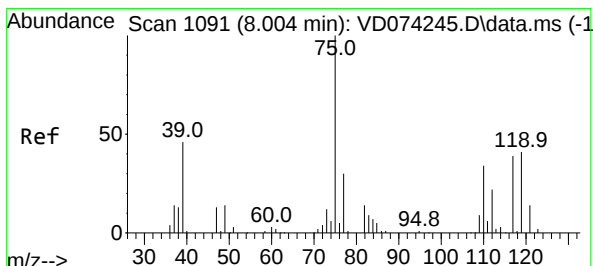
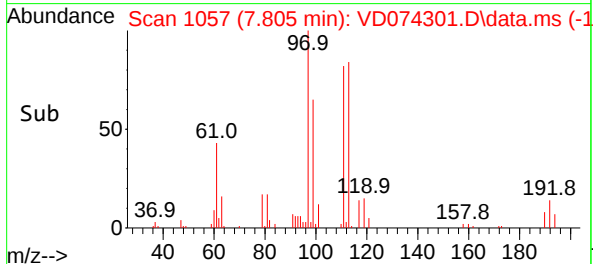
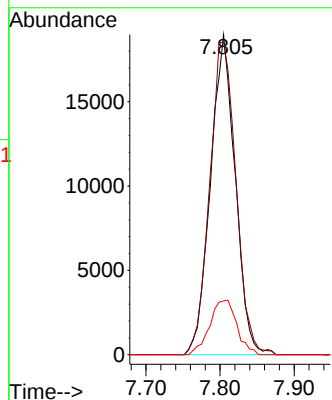
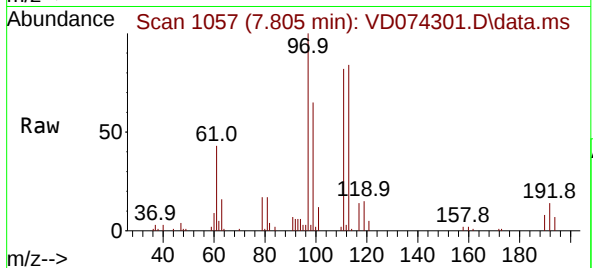
Tgt Ion:	113	Resp:	4393
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.0	124.6
192	18.7	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 46.386 ug/l

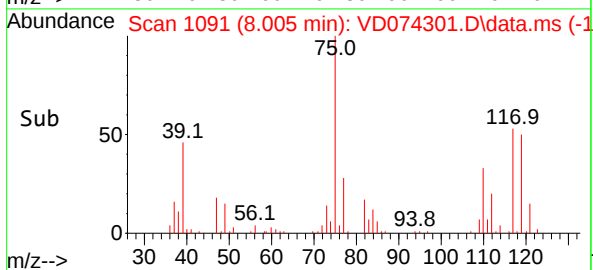
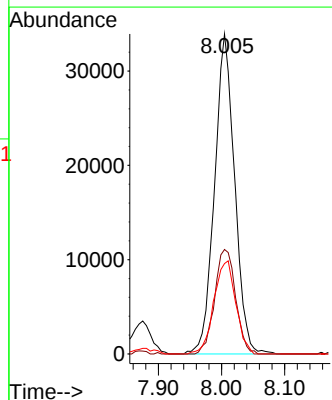
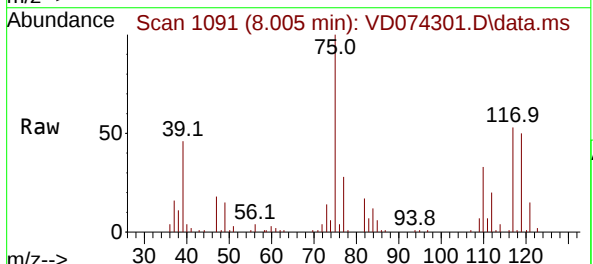
RT: 8.005 min Scan# 1091

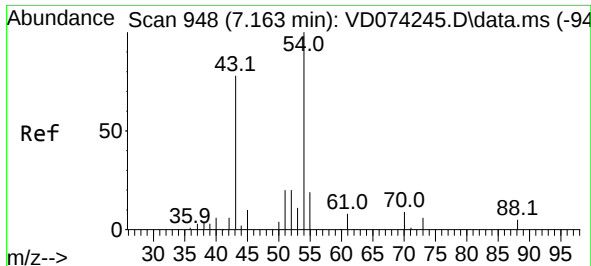
Delta R.T. 0.000 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:	75	Resp:	75085
Ion Ratio	Lower	Upper	
75	100		
110	34.1	17.5	52.5
77	31.6	24.8	37.2





#37

Ethyl Acetate

Concen: 47.104 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3306

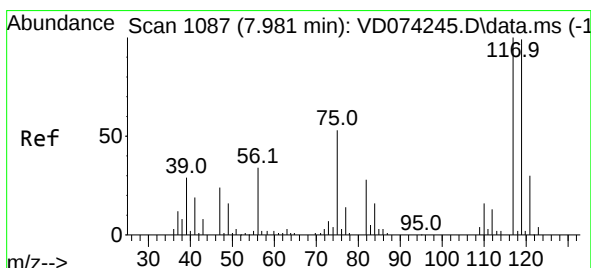
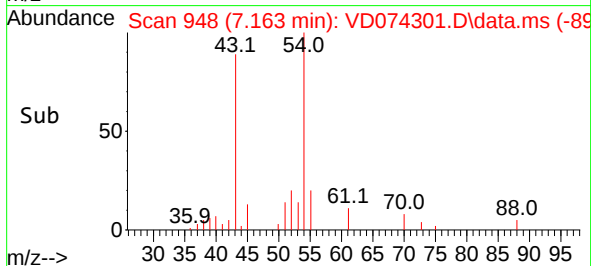
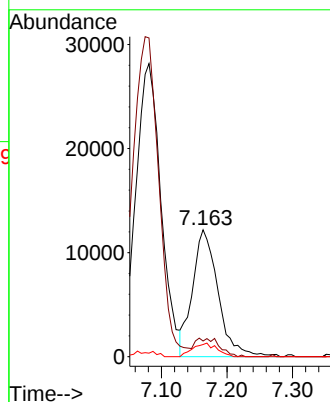
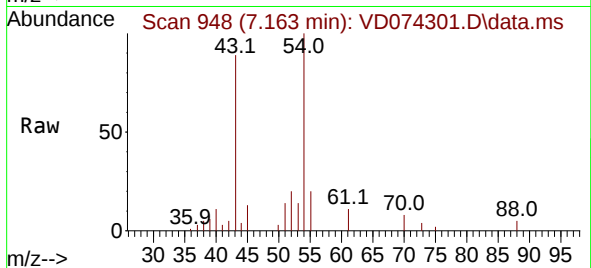
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1
70	10.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 48.766 ug/l

RT: 7.993 min Scan# 1089

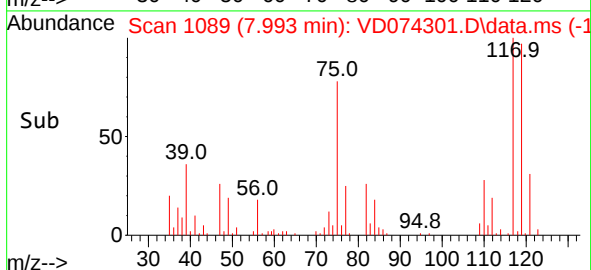
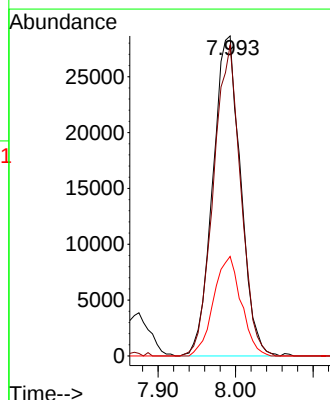
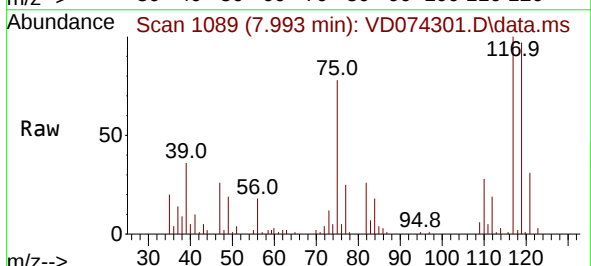
Delta R.T. 0.012 min

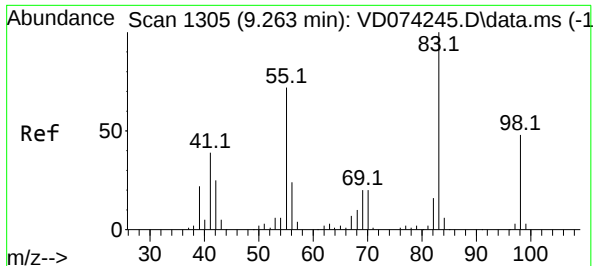
Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:117 Resp: 71420

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.8	118.2
121	31.1	23.9	35.9





#39

Methylcyclohexane

Concen: 43.287 ug/l

RT: 9.275 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

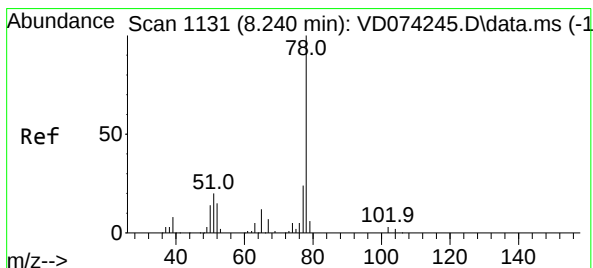
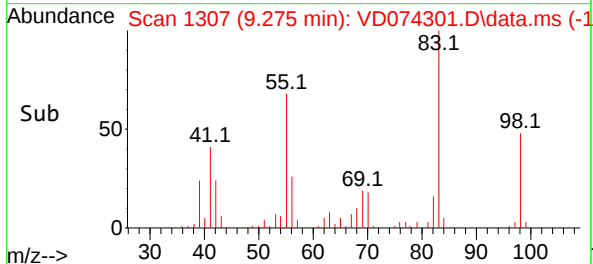
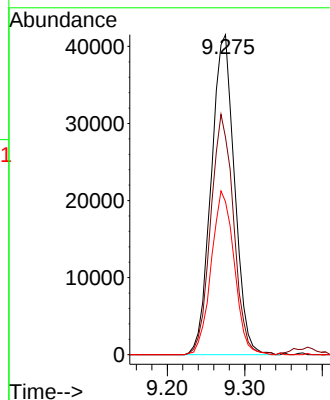
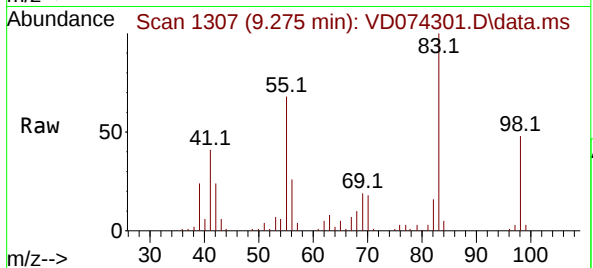
Tgt Ion: 83	Resp: 8673
Ion Ratio	Lower Upper
83 100	
55 67.9	57.2 85.8
98 47.8	38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 47.700 ug/l

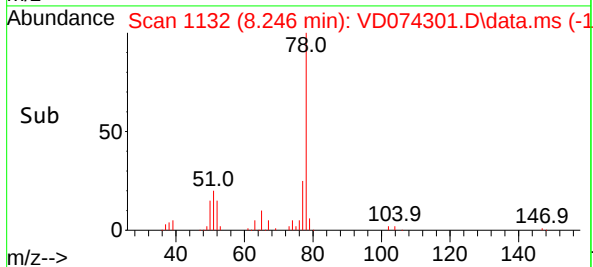
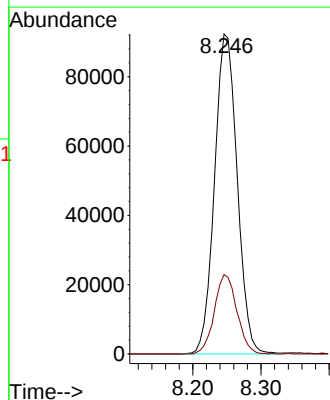
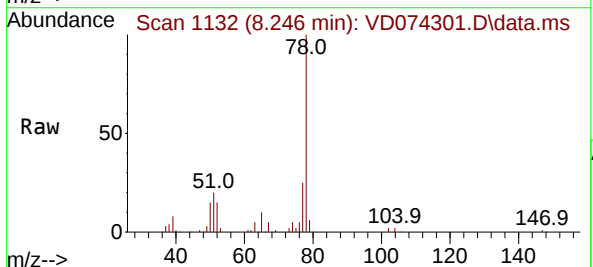
RT: 8.246 min Scan# 1132

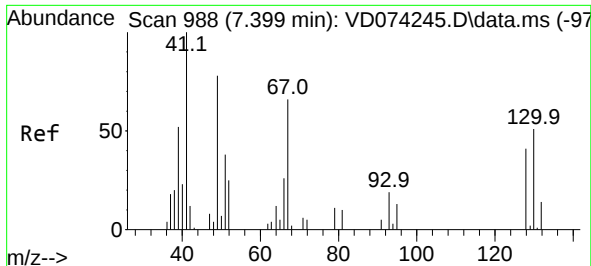
Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion: 78	Resp: 213685
Ion Ratio	Lower Upper
78 100	
77 24.8	19.4 29.2





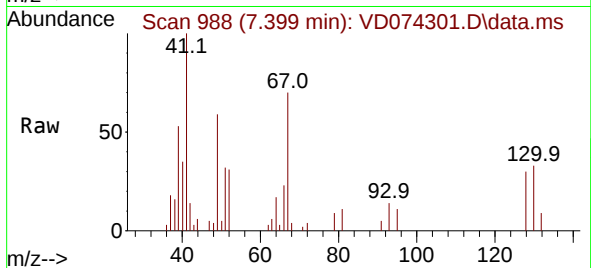
#41
Methacrylonitrile
Concen: 48.426 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



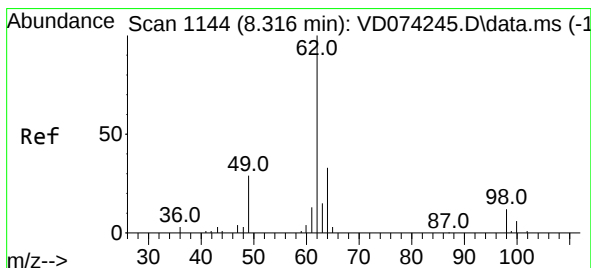
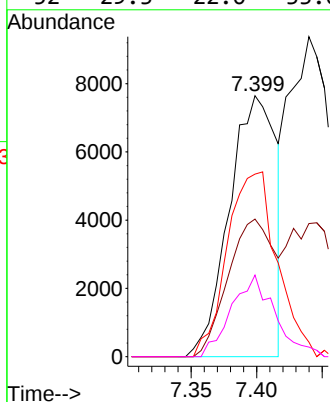
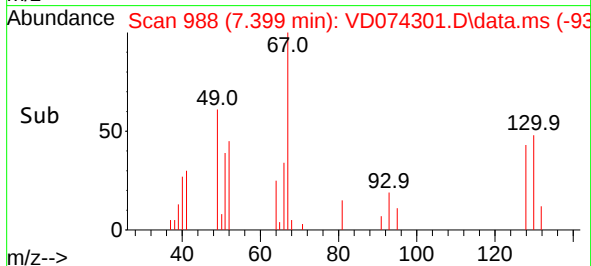
Tgt Ion: 41 Resp: 18934
Ion Ratio Lower Upper
41 100
39 52.1 39.8 59.6
67 75.6 56.1 84.1
52 29.3 22.0 33.0

Manual Integrations

APPROVED

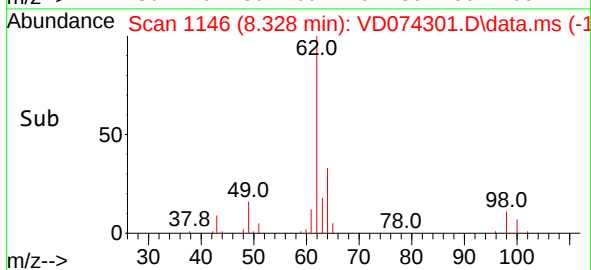
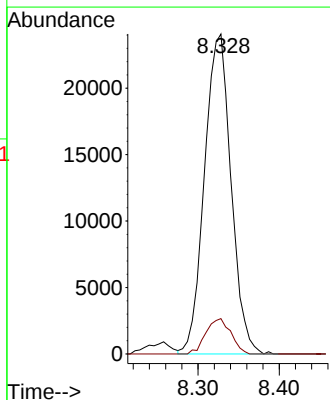
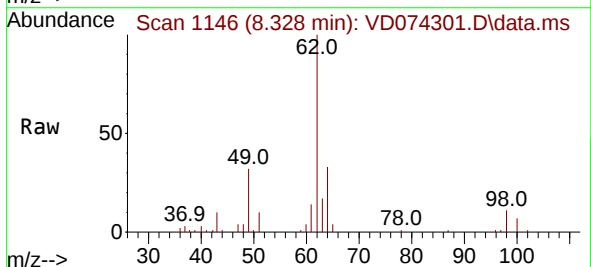
Reviewed By :Krupa Patel 09/16/2022

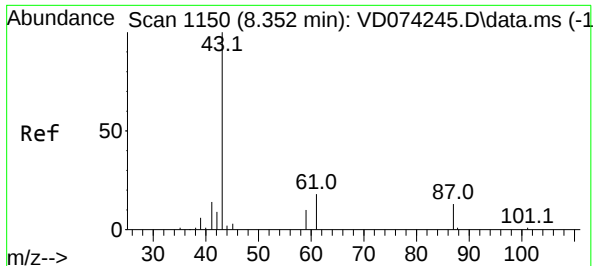
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 46.305 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

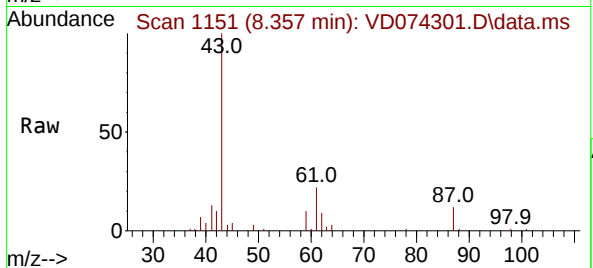
Tgt Ion: 62 Resp: 54819
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.4





#43
Isopropyl Acetate
Concen: 44.632 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

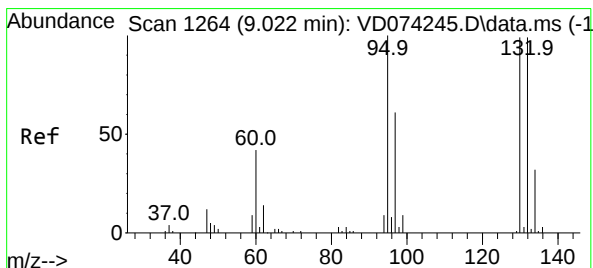
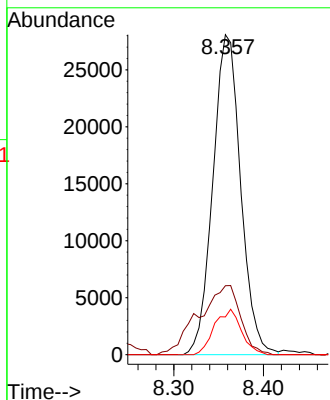
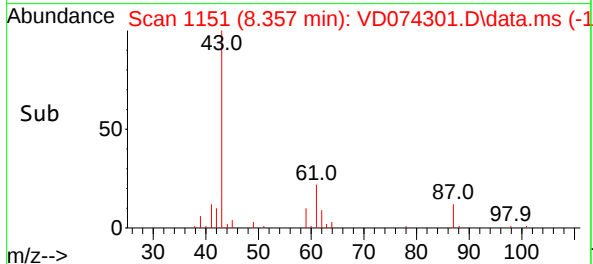
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



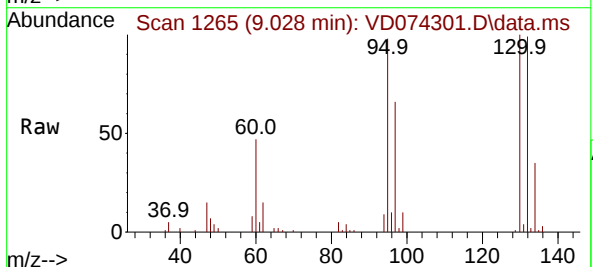
Tgt Ion: 43 Resp: 60510
Ion Ratio Lower Upper
43 100
61 32.5 24.5 36.7
87 13.7 10.8 16.2

Manual Integrations
APPROVED

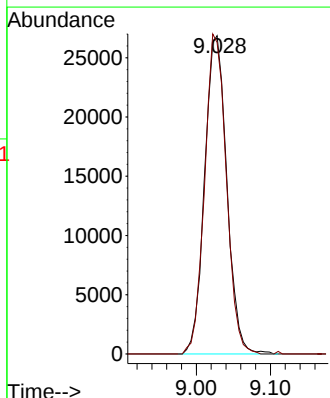
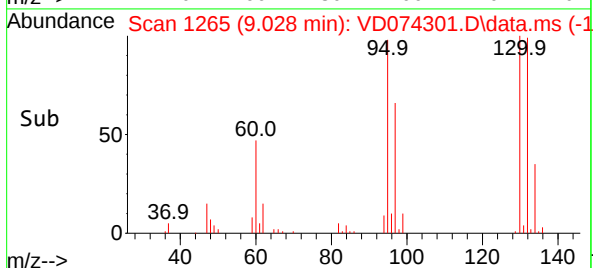
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

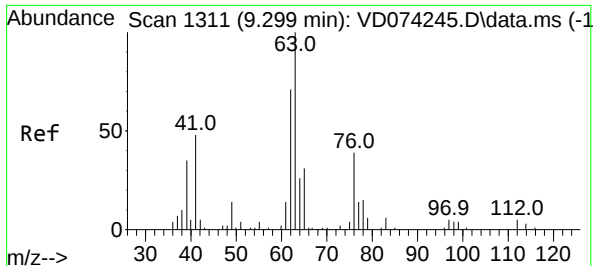


#44
Trichloroethene
Concen: 45.032 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



Tgt Ion:130 Resp: 55996
Ion Ratio Lower Upper
130 100
95 97.9 0.0 202.2





#45

1,2-Dichloropropane

Concen: 48.056 ug/l

RT: 9.305 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 55950

Ion Ratio Lower Upper

63 100

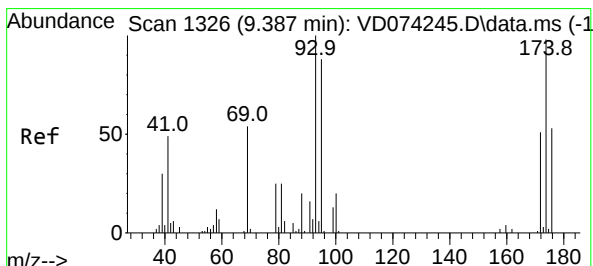
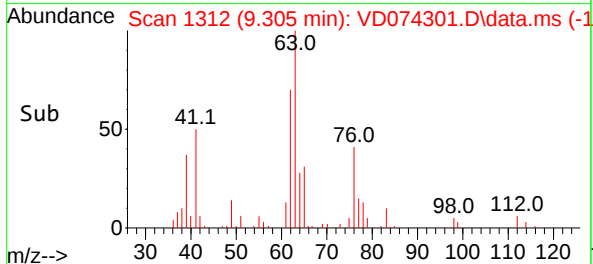
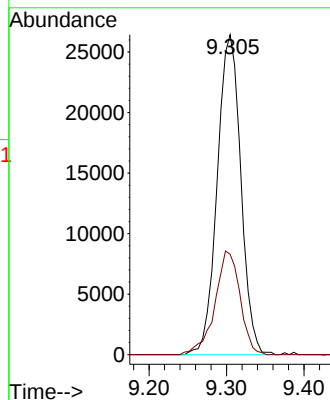
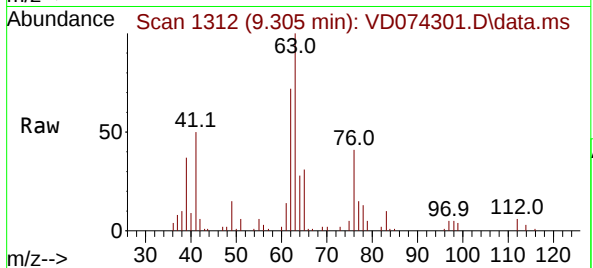
65 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 47.920 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

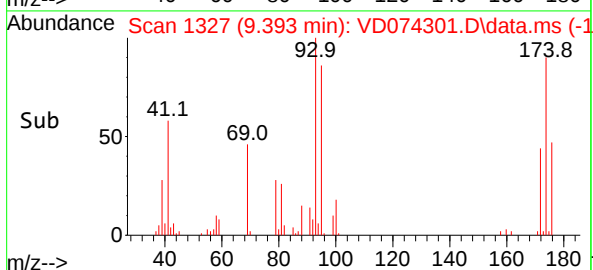
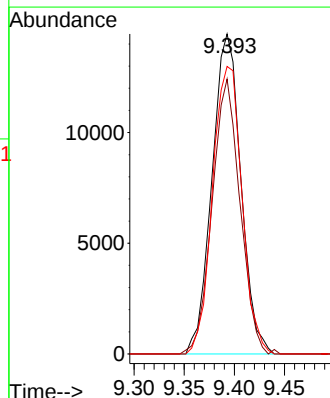
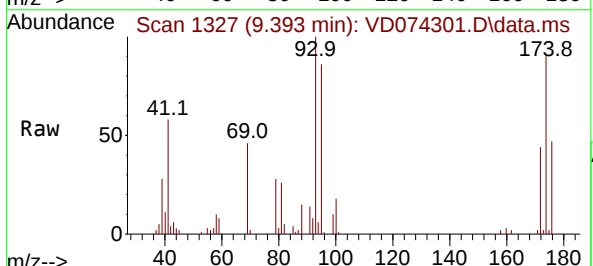
Tgt Ion: 93 Resp: 28967

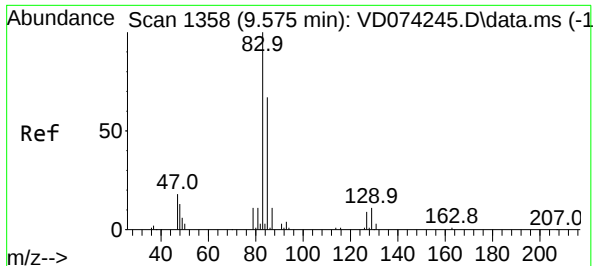
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 91.3 79.6 119.4





#47

Bromodichloromethane

Concen: 48.376 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

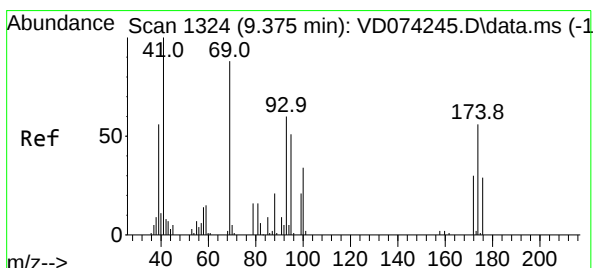
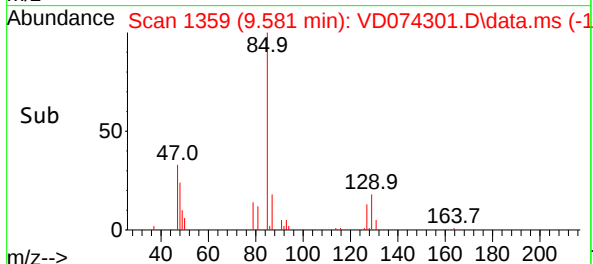
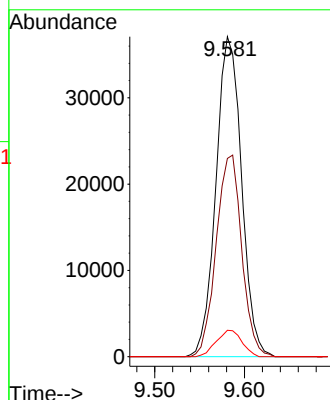
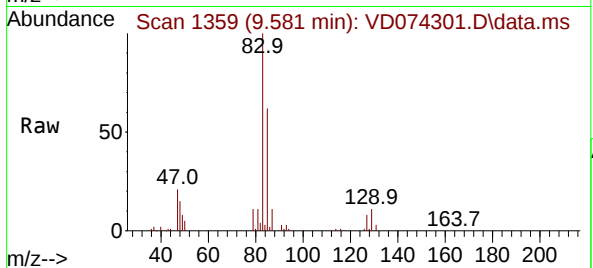
Tgt Ion:	83	Resp:	7357
Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.4	80.2
127	8.3	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#48

Methyl methacrylate

Concen: 47.341 ug/l

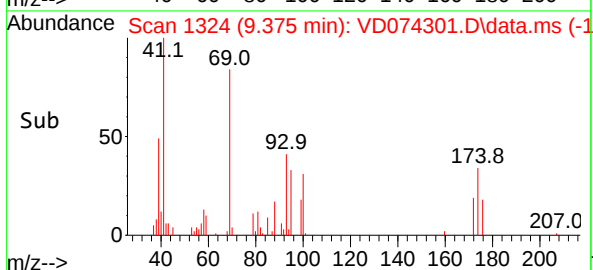
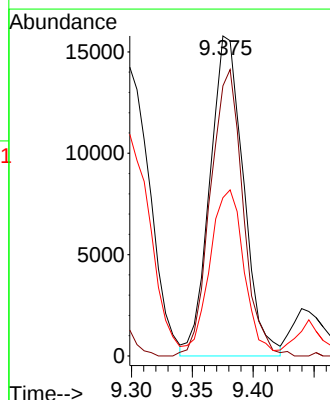
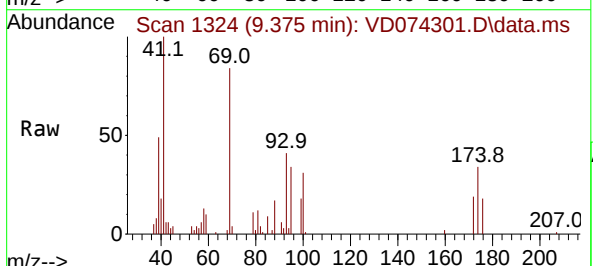
RT: 9.375 min Scan# 1324

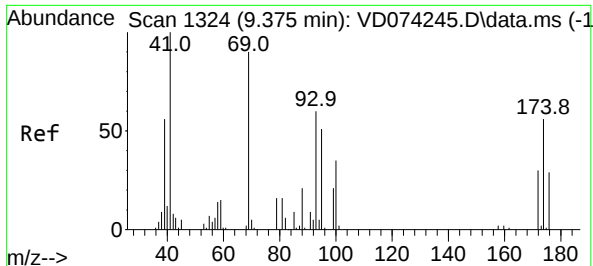
Delta R.T. 0.000 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:	41	Resp:	30317
Ion	Ratio	Lower	Upper
41	100		
69	86.7	72.7	109.1
39	49.4	41.6	62.4





#49

1,4-Dioxane

Concen: 884.008 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

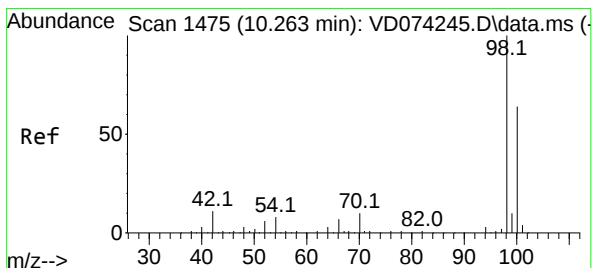
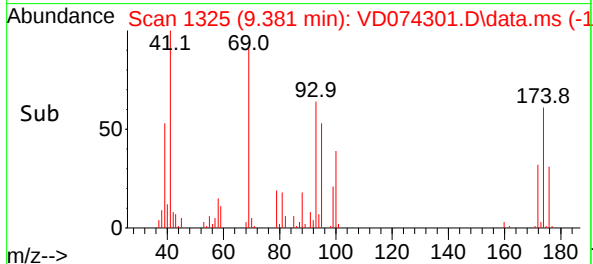
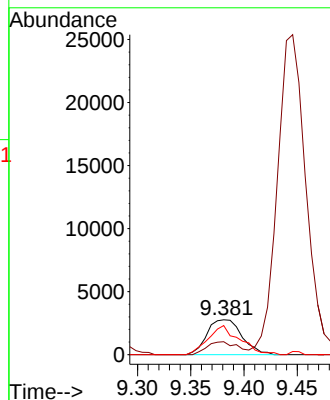
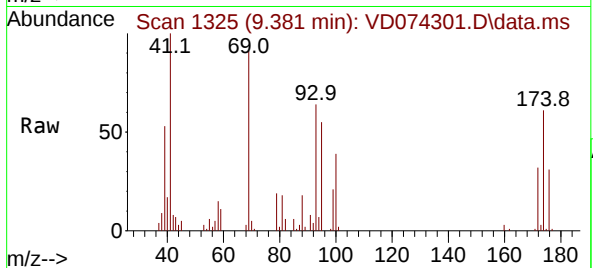
Tgt Ion: 88 Resp: 6328
 Ion Ratio Lower Upper
 88 100
 43 33.3 27.0 40.4
 58 75.0 54.2 81.2

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 46.789 ug/l

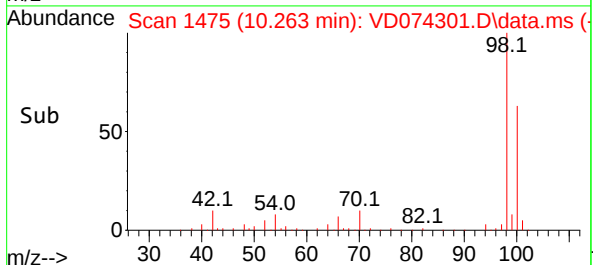
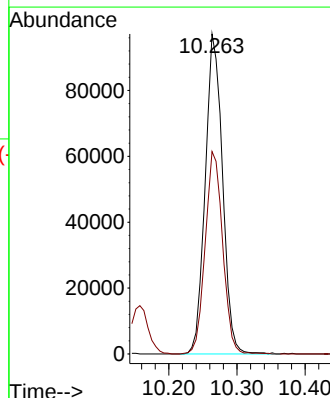
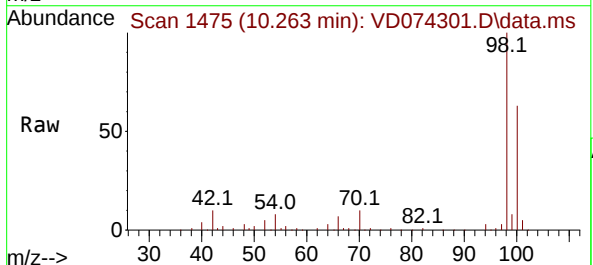
RT: 10.263 min Scan# 1475

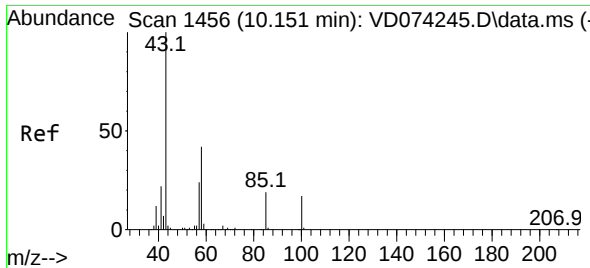
Delta R.T. 0.000 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion: 98 Resp: 171528
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.8 77.8





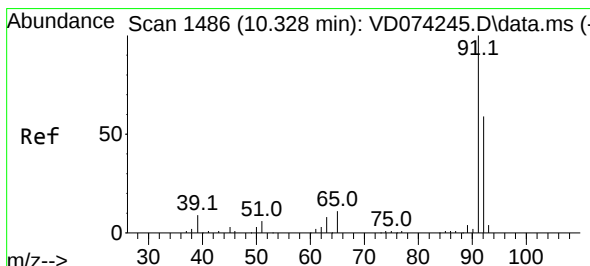
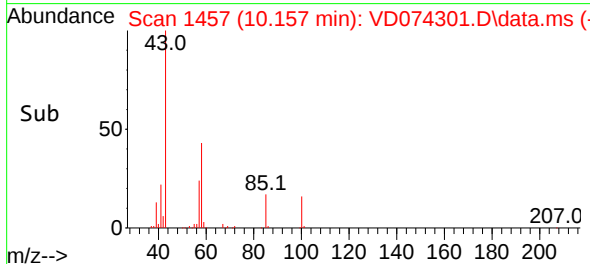
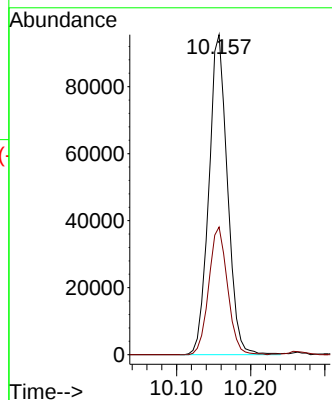
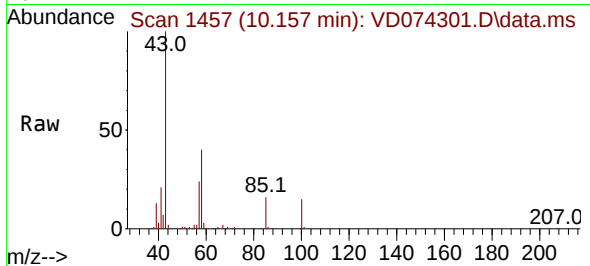
#51
4-Methyl-2-Pentanone
Concen: 243.008 ug/l
RT: 10.157 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 166532
Ion Ratio Lower Upper
43 100
58 40.2 33.3 49.9

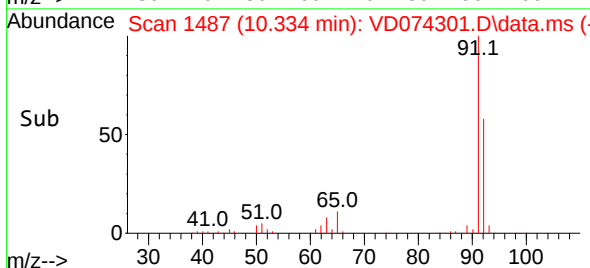
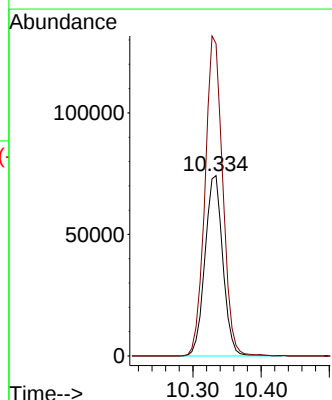
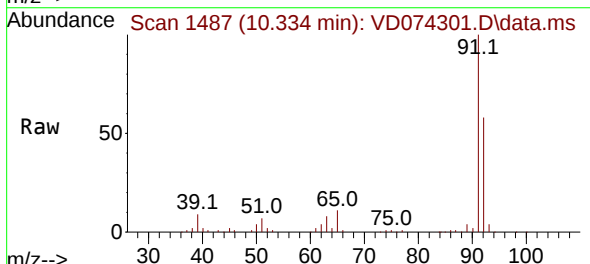
Manual Integrations
APPROVED

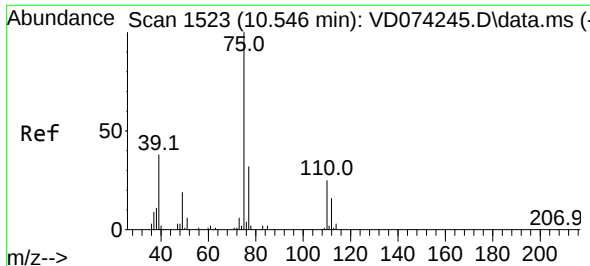
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 47.042 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion: 92 Resp: 135169
Ion Ratio Lower Upper
92 100
91 175.9 139.3 208.9





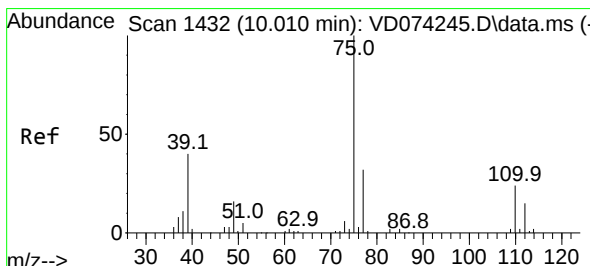
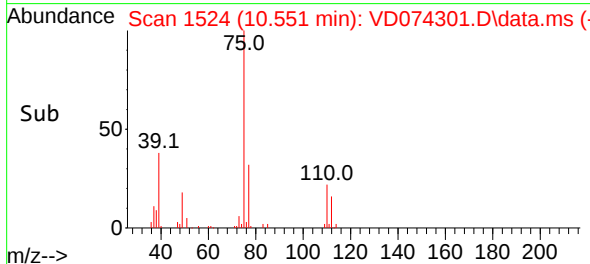
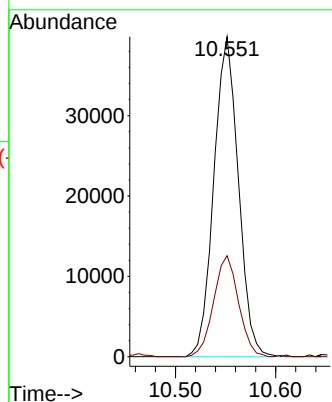
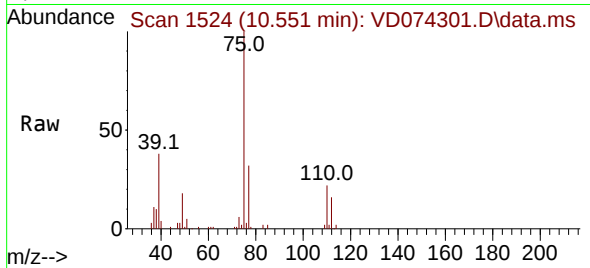
#53
t-1,3-Dichloropropene
Concen: 47.150 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

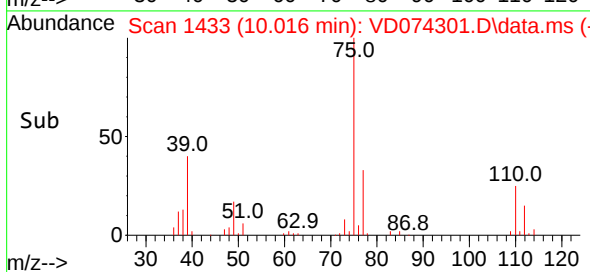
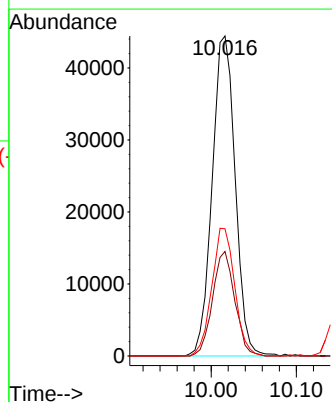
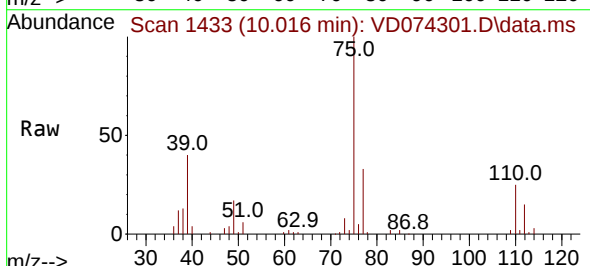
Manual Integrations
APPROVED

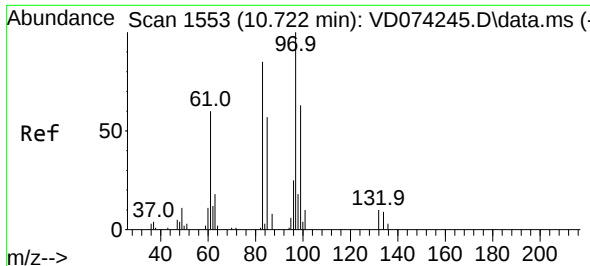
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 47.280 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

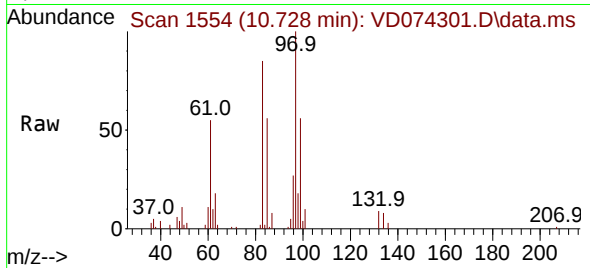
Tgt Ion: 75 Resp: 83509
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 39.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 48.346 ug/l
RT: 10.728 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

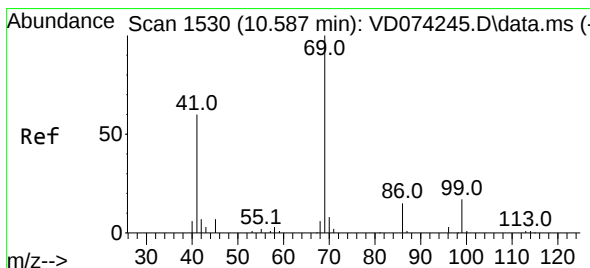
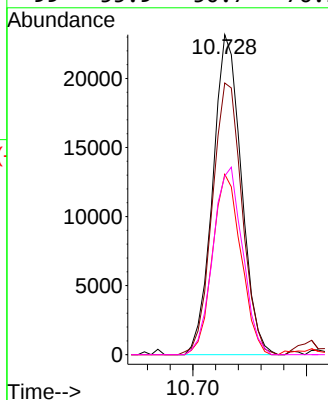
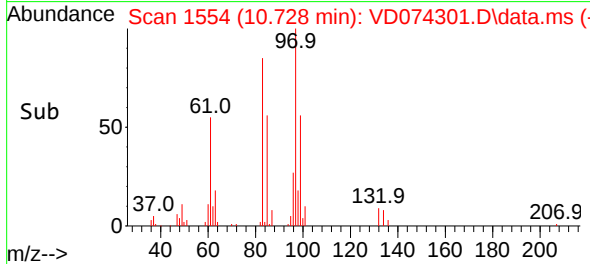
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	40399
Ion Ratio	100	Lower	Upper
97	100		
83	84.9	68.0	102.0
85	56.3	45.8	68.8
99	55.9	50.7	76.1

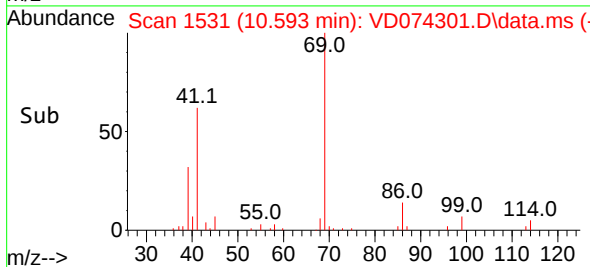
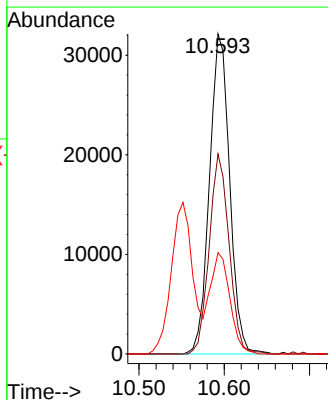
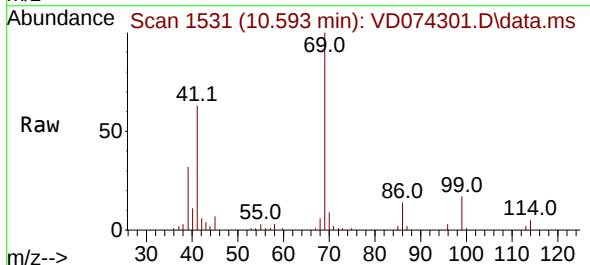
Manual Integrations
APPROVED

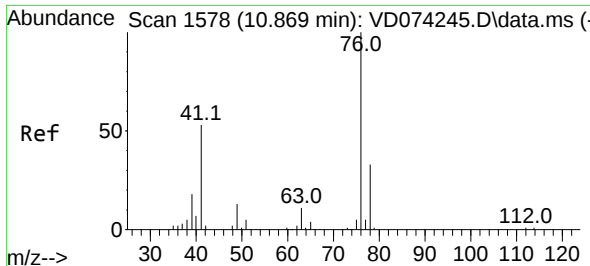
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#56
Ethyl methacrylate
Concen: 47.616 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion:	69	Resp:	52866
Ion Ratio	100	Lower	Upper
69	100		
41	61.5	49.4	74.2
39	31.0	24.2	36.4





#57

1,3-Dichloropropane

Concen: 47.892 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 70628

Ion Ratio Lower Upper

76 100

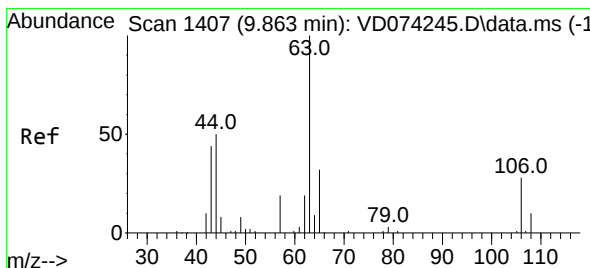
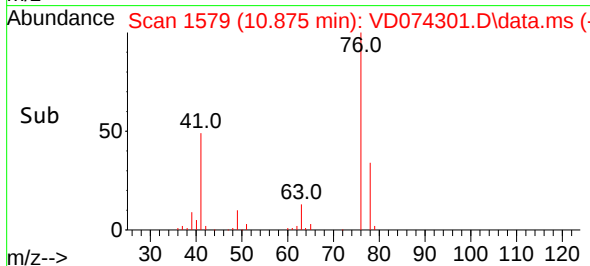
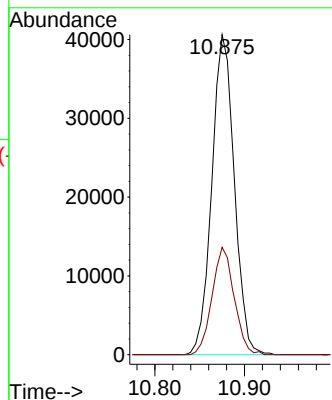
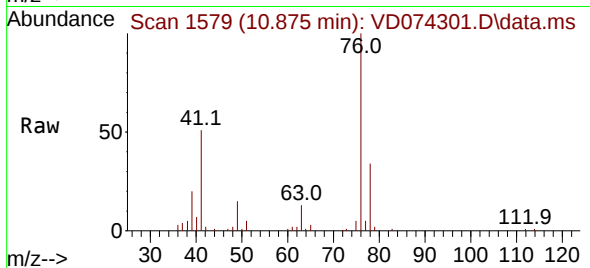
78 32.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 217.581 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VD074301.D

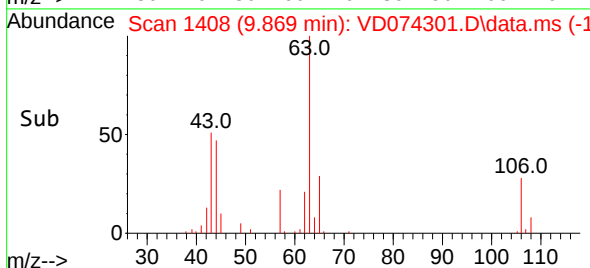
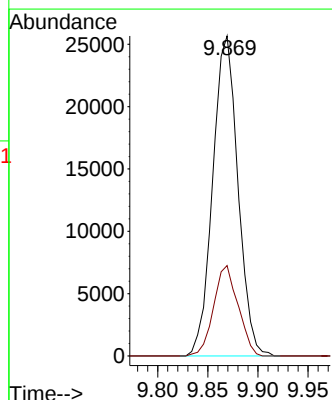
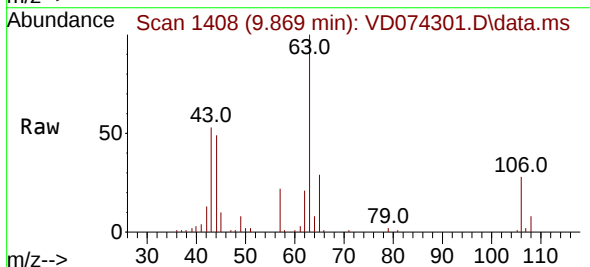
Acq: 15 Sep 2022 11:18

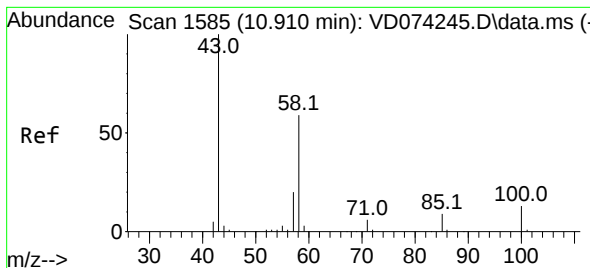
Tgt Ion: 63 Resp: 44896

Ion Ratio Lower Upper

63 100

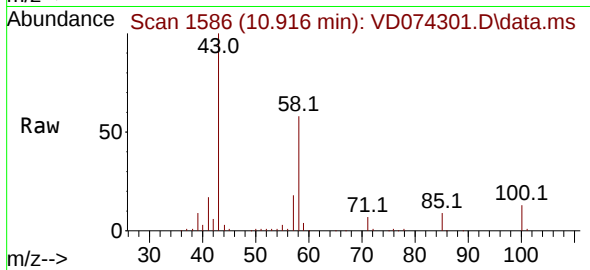
106 27.4 21.9 32.9





#59
2-Hexanone
Concen: 243.923 ug/l
RT: 10.916 min Scan# 11351
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

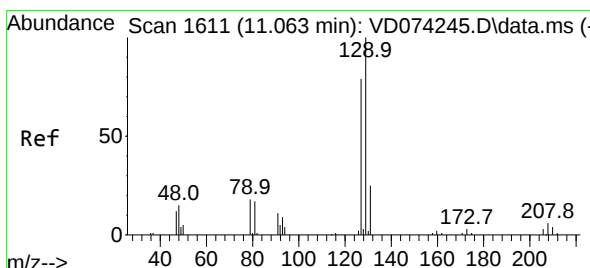
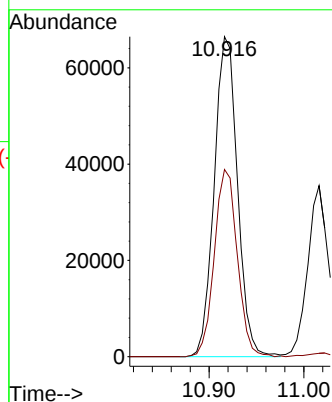
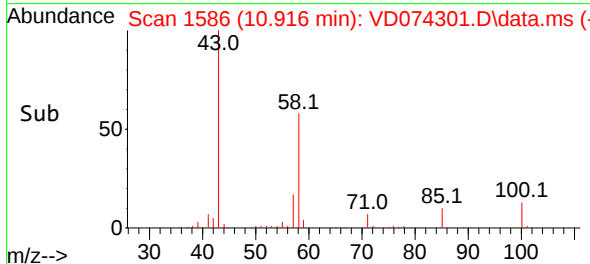
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11351
Ion Ratio Lower Upper
43 100
58 57.8 28.6 85.8

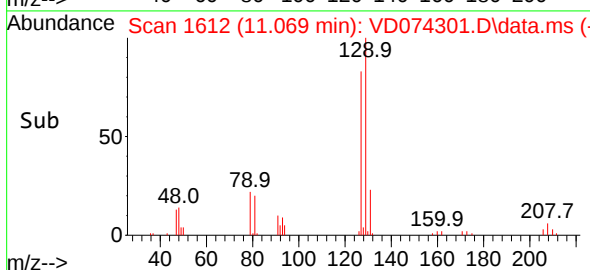
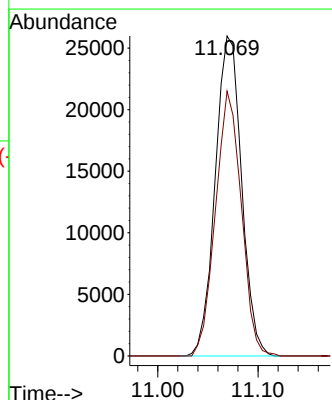
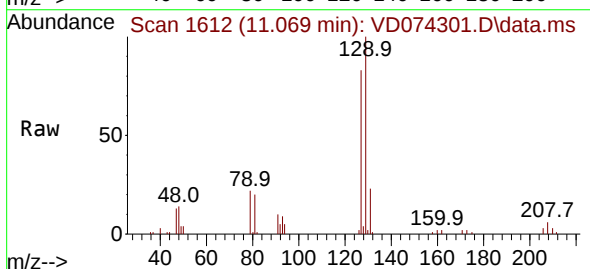
Manual Integrations
APPROVED

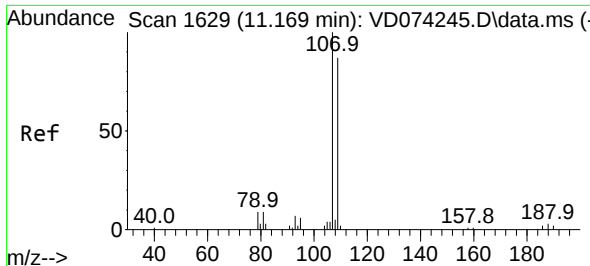
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 46.678 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

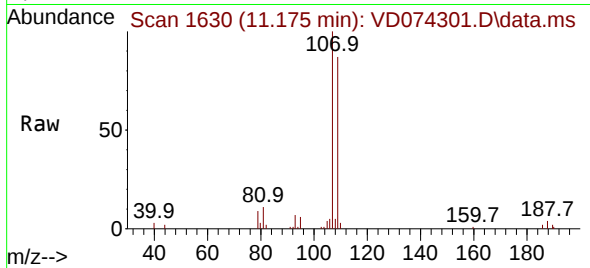
Tgt Ion:129 Resp: 47498
Ion Ratio Lower Upper
129 100
127 81.0 39.0 116.9





#61
1,2-Dibromoethane
Concen: 46.841 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

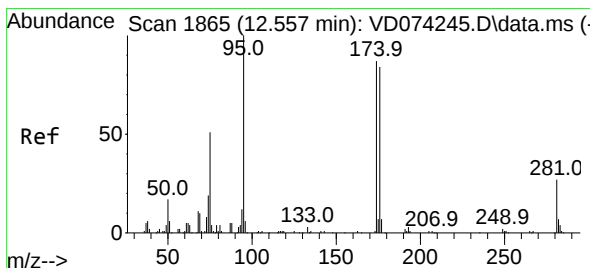
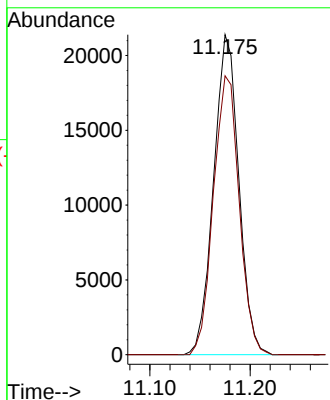
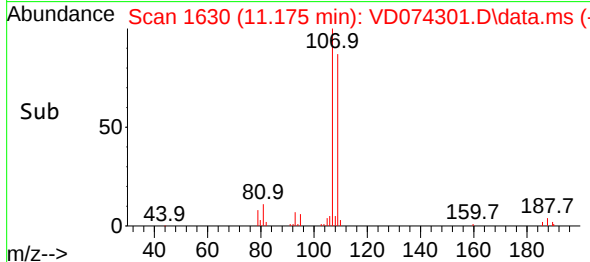
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



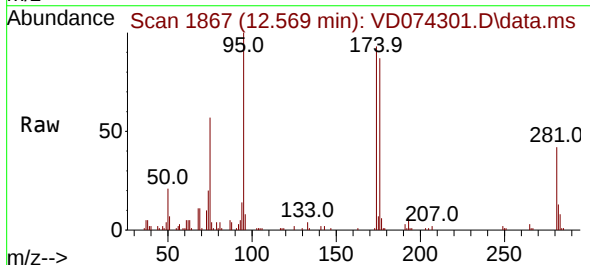
Tgt Ion: 107 Resp: 37254
Ion Ratio Lower Upper
107 100
109 89.4 73.7 110.5

Manual Integrations
APPROVED

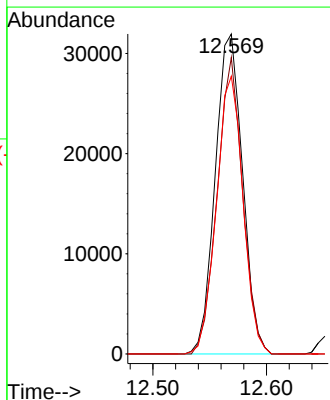
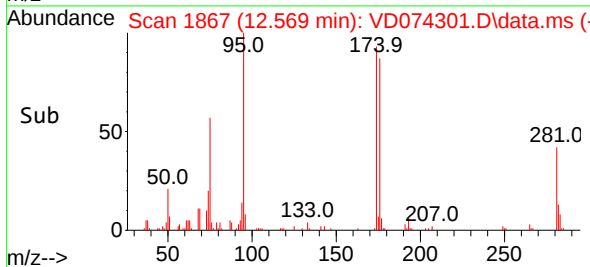
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

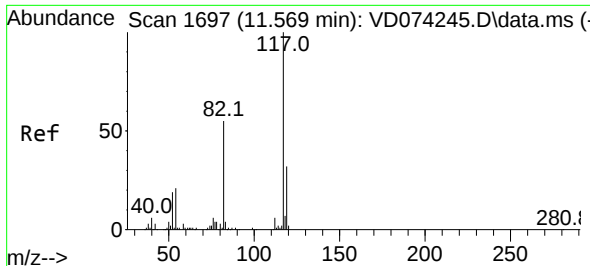


#62
4-Bromofluorobenzene
Concen: 40.305 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



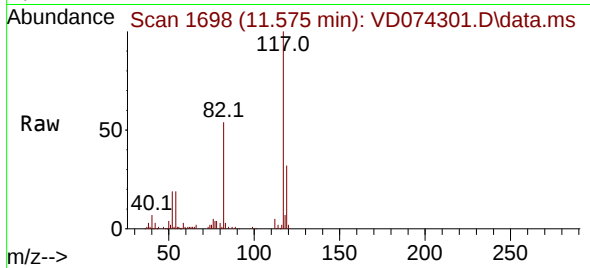
Tgt Ion: 95 Resp: 53322
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.2
176 84.8 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

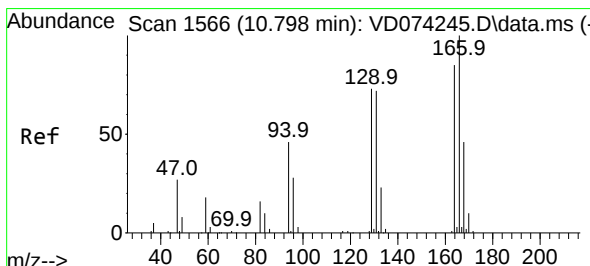
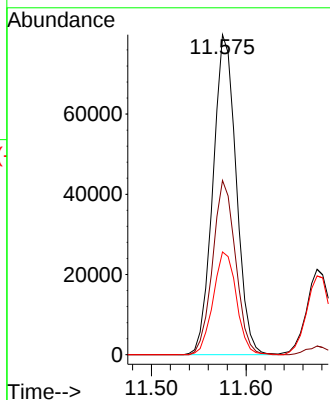
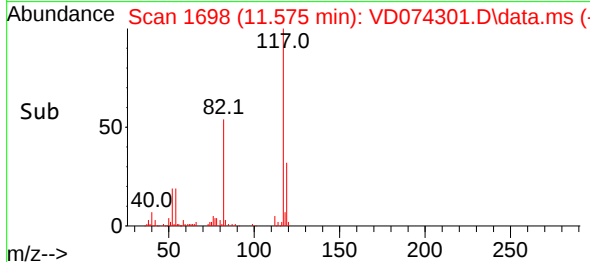
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



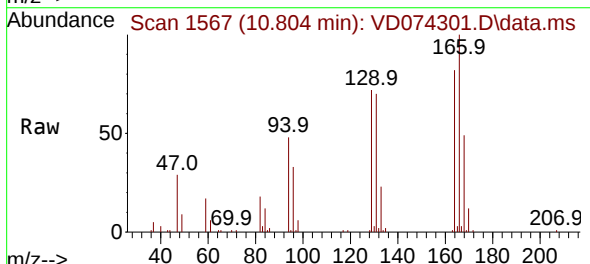
Tgt Ion:117 Resp: 135895
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

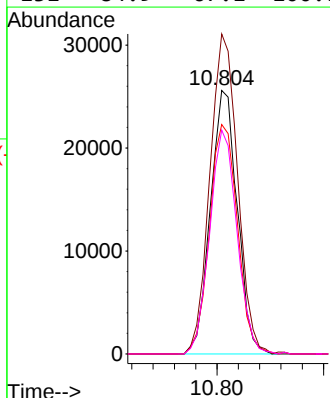
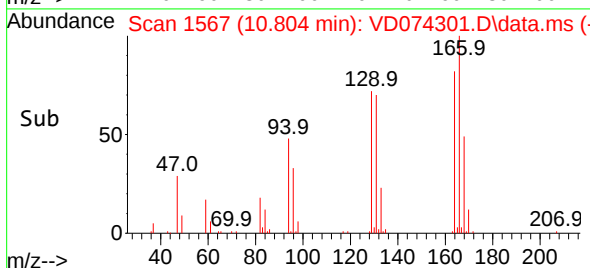
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

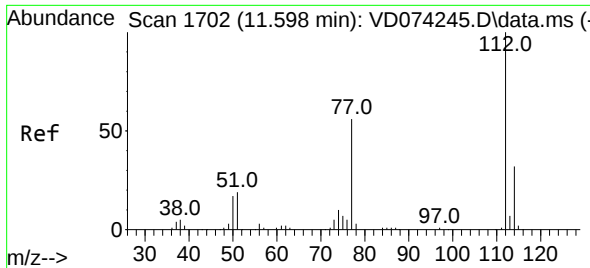


#64
Tetrachloroethene
Concen: 43.111 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



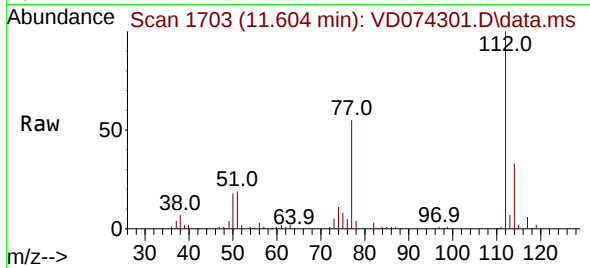
Tgt Ion:164 Resp: 44795
Ion Ratio Lower Upper
164 100
166 121.4 93.8 140.8
129 87.0 68.3 102.5
131 84.9 67.1 100.7





#65
Chlorobenzene
Concen: 47.065 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

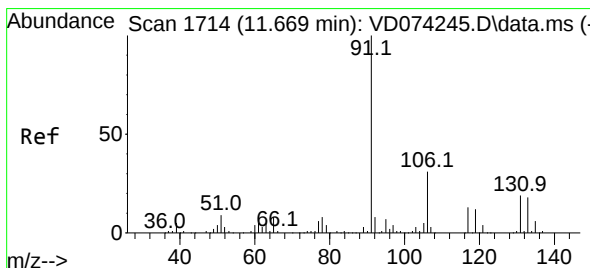
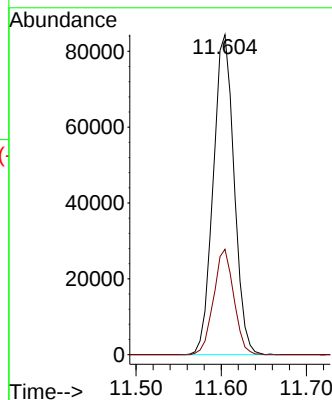
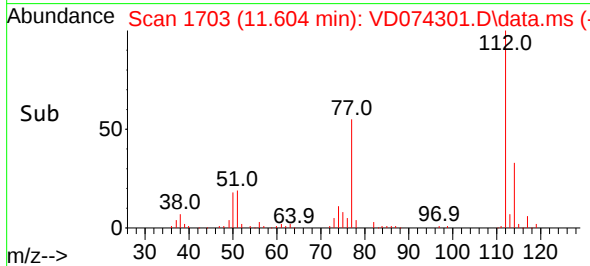
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 143790
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

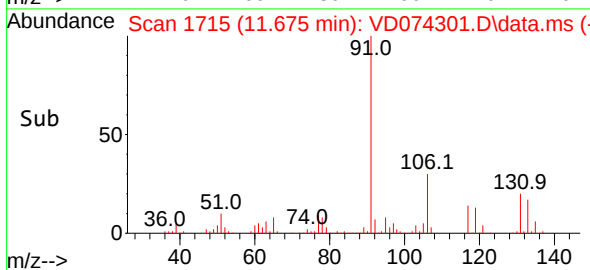
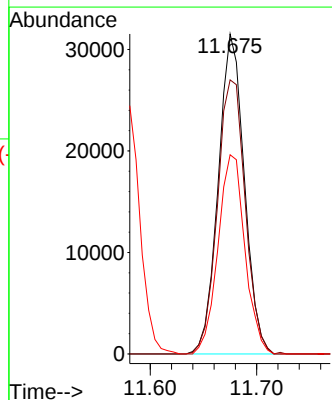
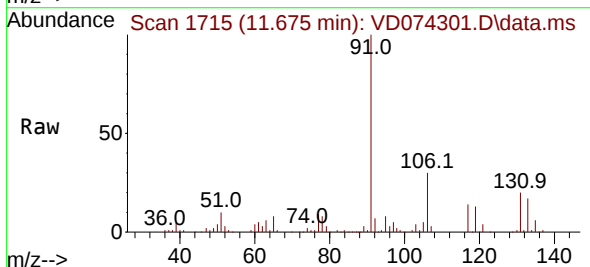
Manual Integrations
APPROVED

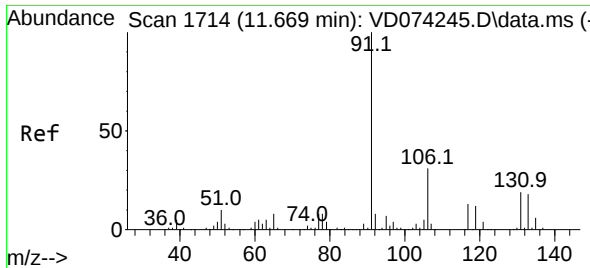
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.853 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion:131 Resp: 53455
Ion Ratio Lower Upper
131 100
133 91.7 47.8 143.4
119 64.3 33.1 99.5





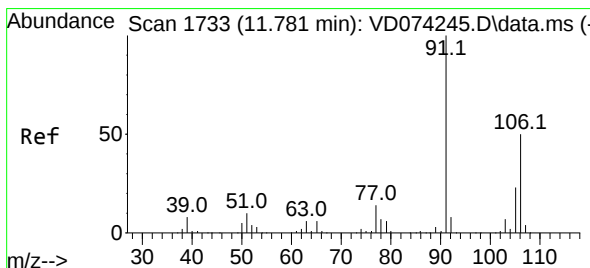
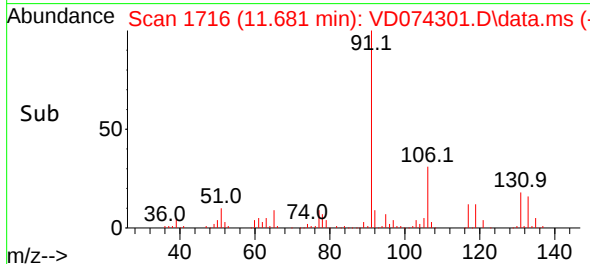
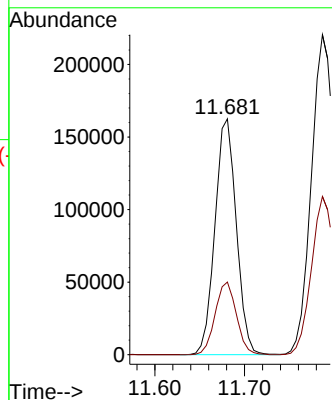
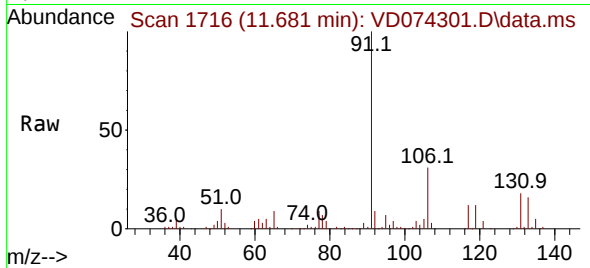
#67
Ethyl Benzene
Concen: 47.096 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26876
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2

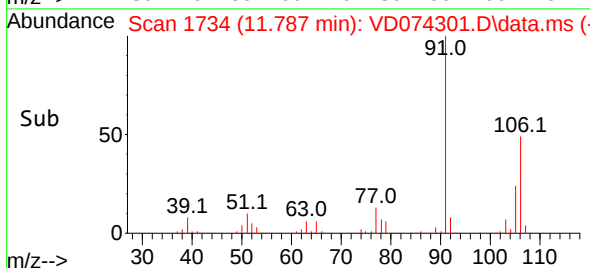
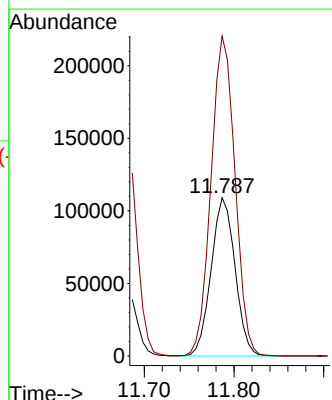
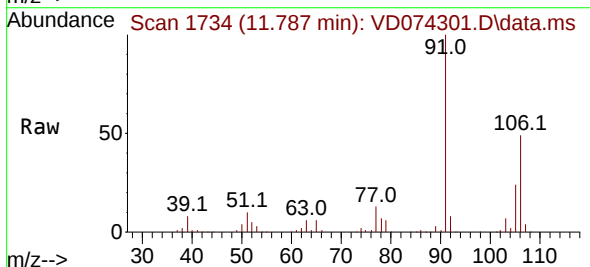
Manual Integrations
APPROVED

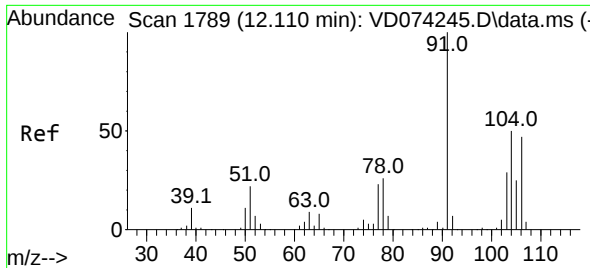
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 93.062 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion:106 Resp: 201566
Ion Ratio Lower Upper
106 100
91 203.1 158.6 237.8





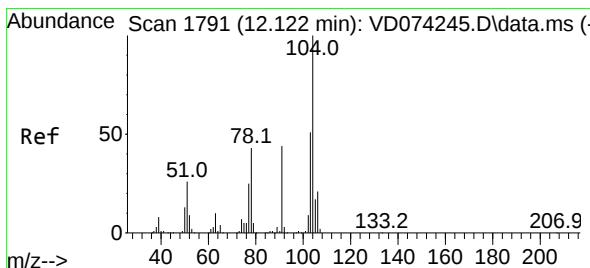
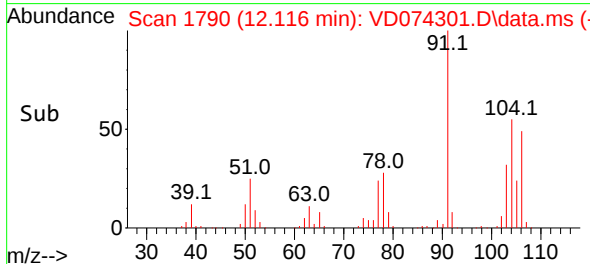
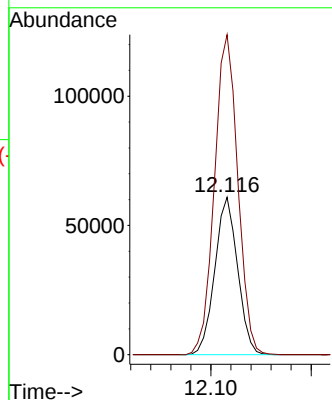
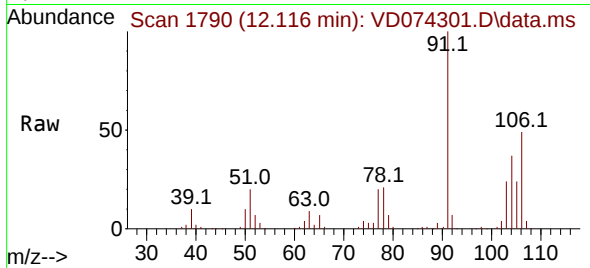
#69
o-Xylene
Concen: 46.896 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9599
Ion Ratio Lower Upper
106 100
91 208.4 104.0 312.0

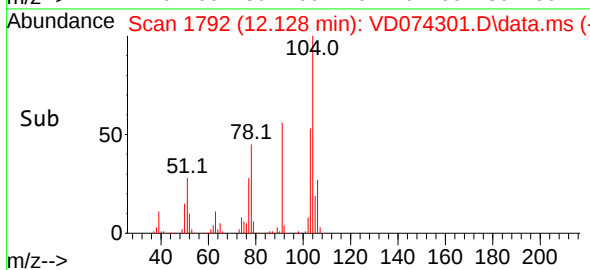
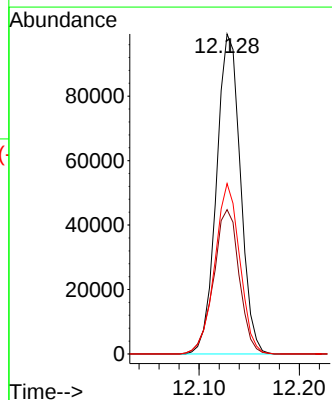
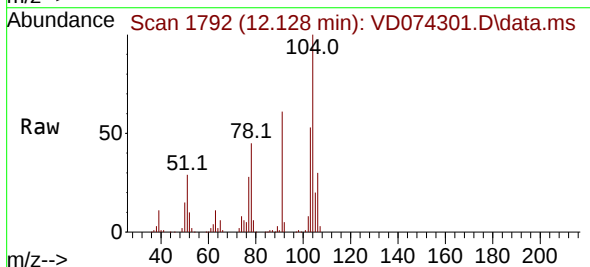
Manual Integrations
APPROVED

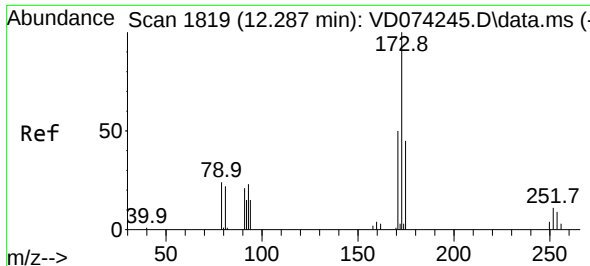
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 48.220 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

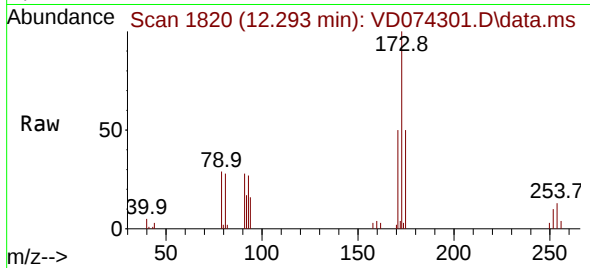
Tgt Ion:104 Resp: 164623
Ion Ratio Lower Upper
104 100
78 48.3 38.4 57.6
103 55.6 44.1 66.1





#71
Bromoform
Concen: 46.658 ug/l
RT: 12.293 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

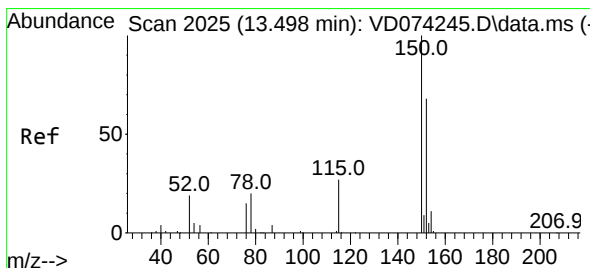
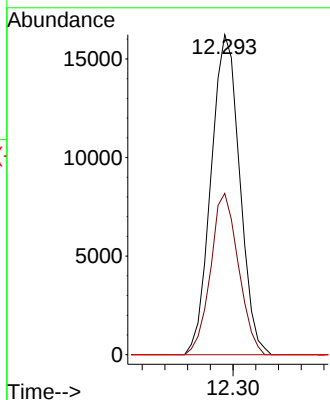
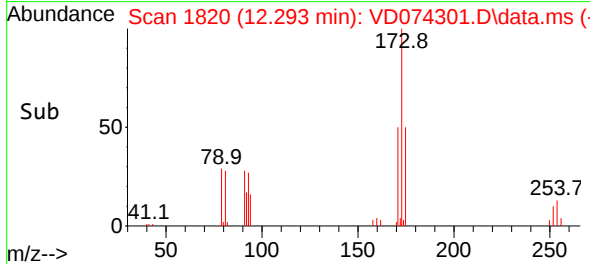
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



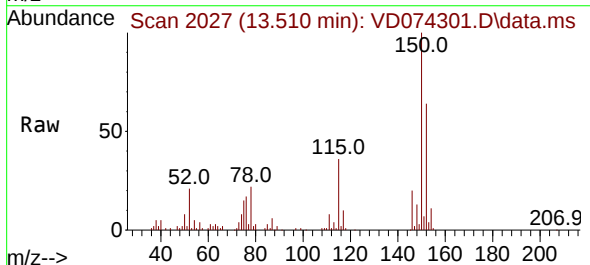
Tgt Ion:173 Resp: 2842
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

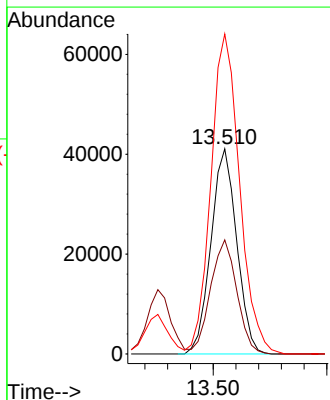
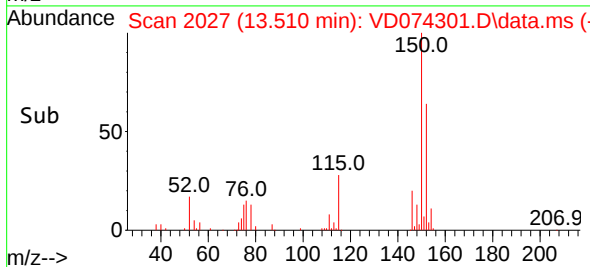
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

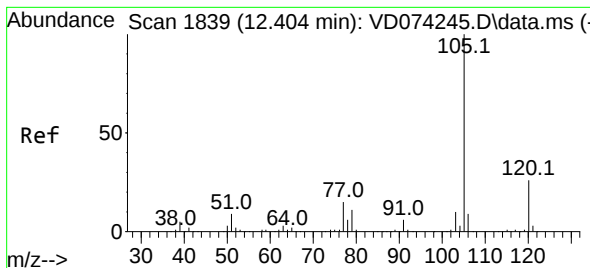


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



Tgt Ion:152 Resp: 64782
Ion Ratio Lower Upper
152 100
115 56.6 28.4 85.2
150 173.6 0.0 351.0





#73

Isopropylbenzene

Concen: 47.948 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.012 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 262800

Ion Ratio Lower Upper

105 100

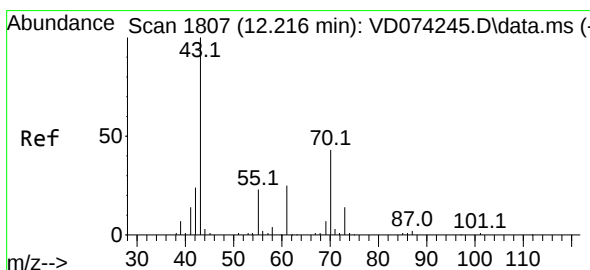
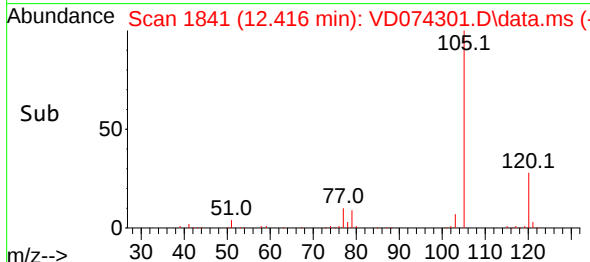
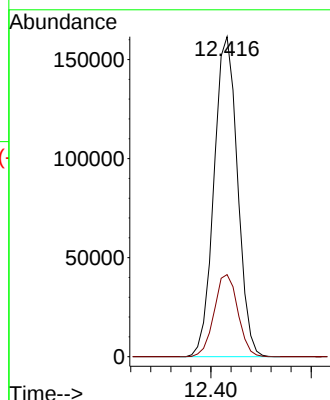
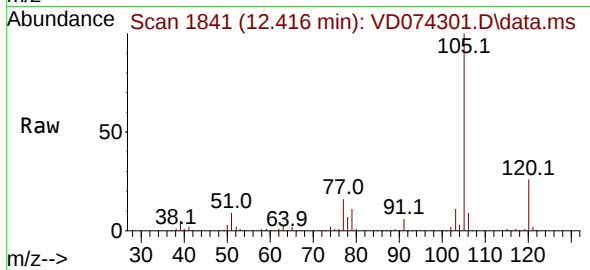
120 25.9 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#74

N-ethyl acetate

Concen: 45.949 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. 0.012 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion: 43 Resp: 59309

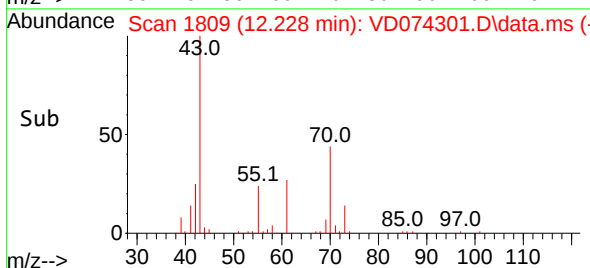
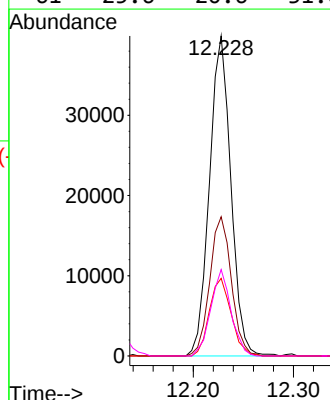
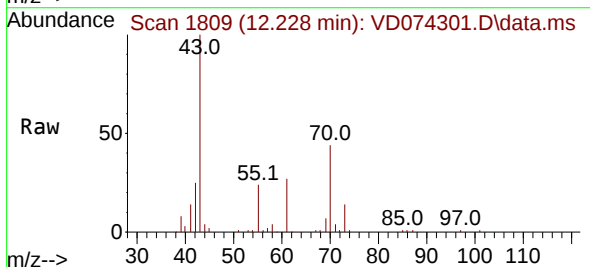
Ion Ratio Lower Upper

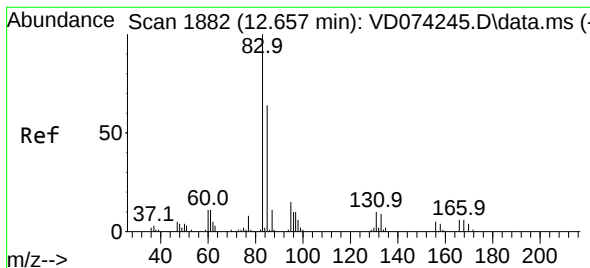
43 100

70 43.9 34.6 51.8

55 24.7 18.2 27.2

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.715 ug/l

RT: 12.663 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

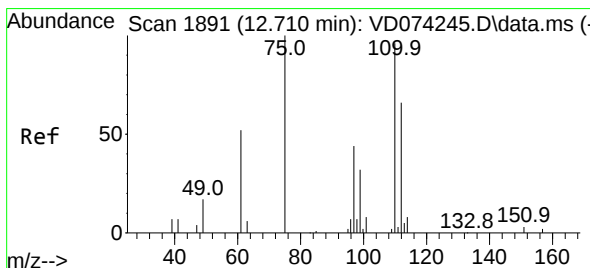
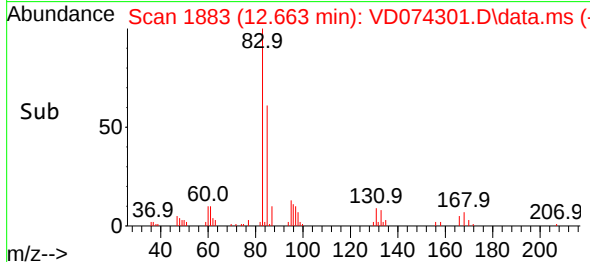
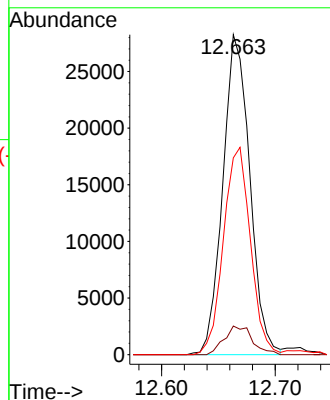
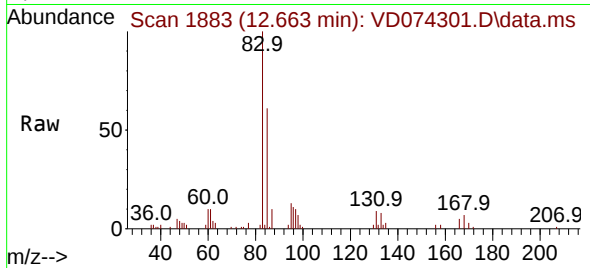
Tgt Ion:	83	Resp:	4662
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.7
85	65.0	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#76

1,2,3-Trichloropropane

Concen: 46.361 ug/l m

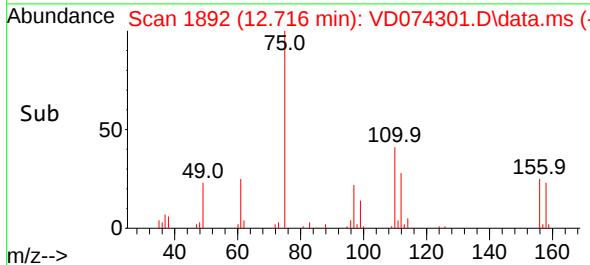
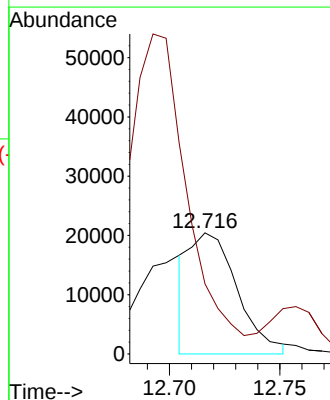
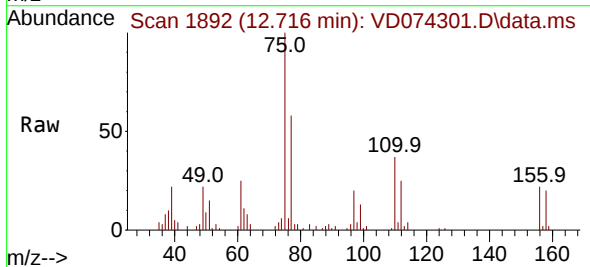
RT: 12.716 min Scan# 1892

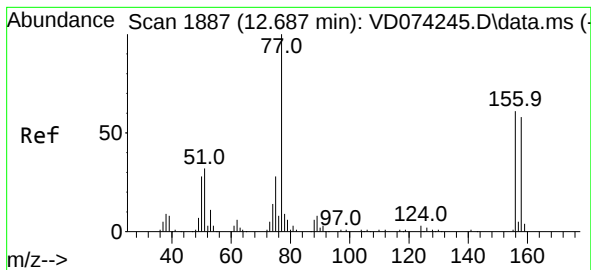
Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:	75	Resp:	30789
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 46.486 ug/l

RT: 12.693 min Scan# 1887

Delta R.T. 0.006 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

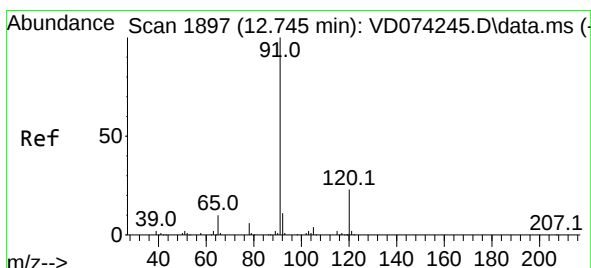
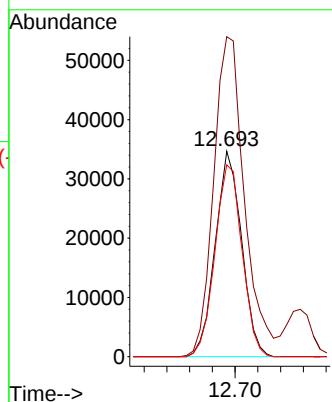
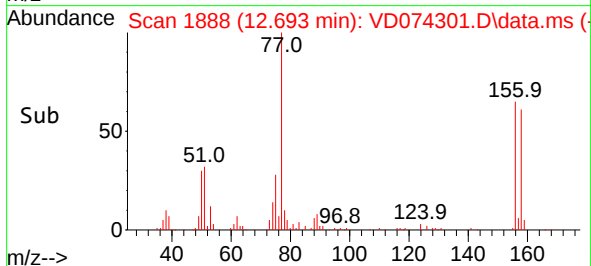
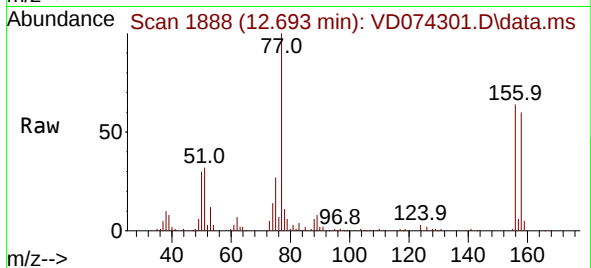
Tgt Ion:	156	Resp:	5591
Ion Ratio	Lower	Upper	
156	100		
77	181.0	91.1	273.3
158	96.1	49.4	148.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#78

n-propylbenzene

Concen: 47.497 ug/l

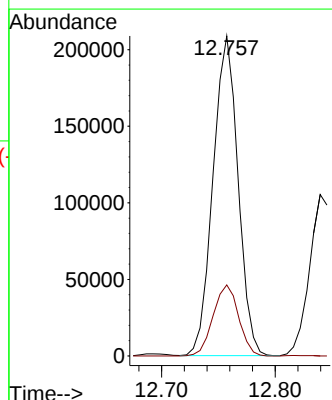
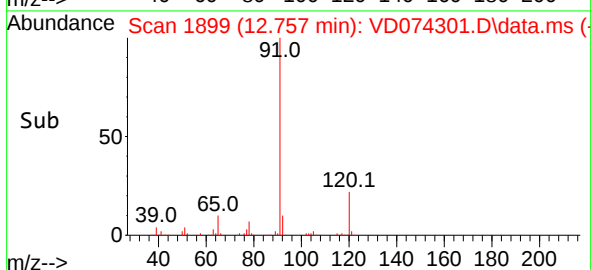
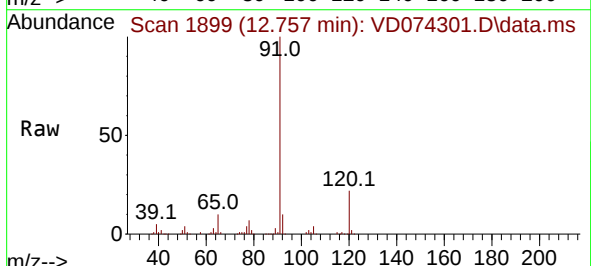
RT: 12.757 min Scan# 1899

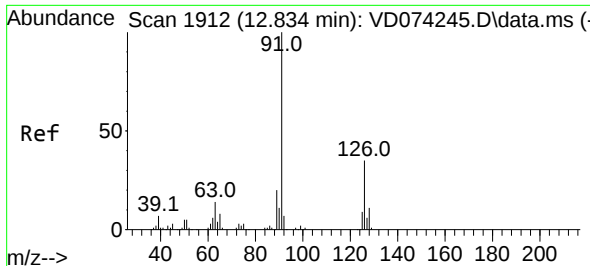
Delta R.T. 0.012 min

Lab File: VD074301.D

Acq: 15 Sep 2022 11:18

Tgt Ion:	91	Resp:	319233
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.6	34.7





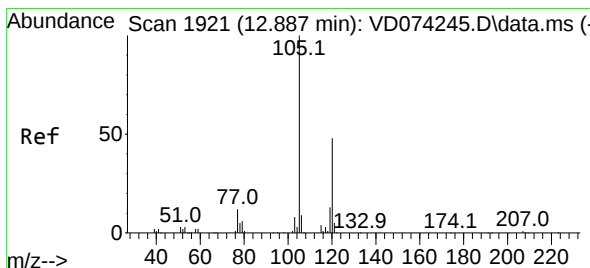
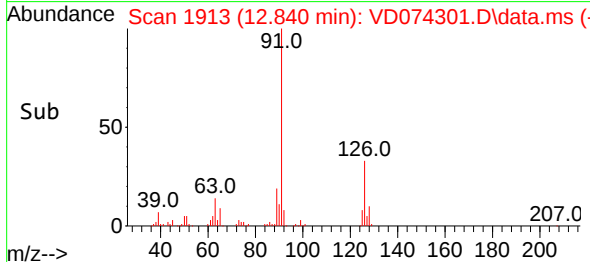
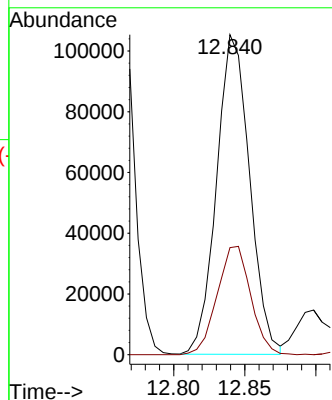
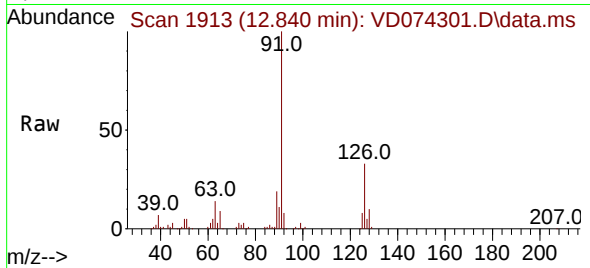
#79
2-Chlorotoluene
Concen: 46.906 ug/l
RT: 12.840 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17053
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9

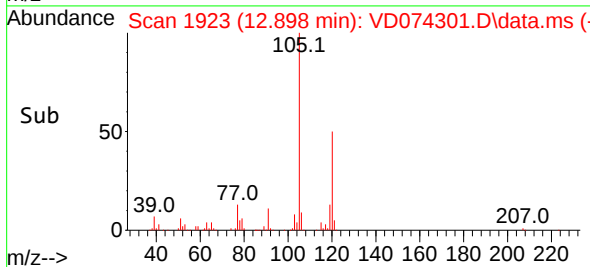
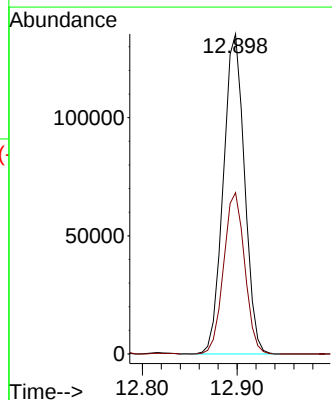
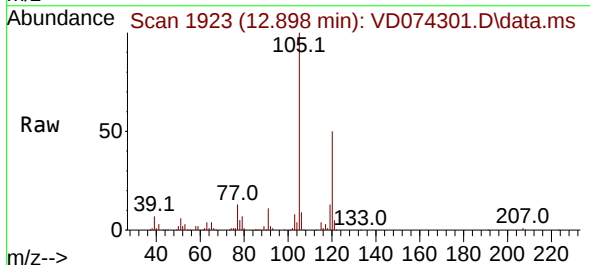
Manual Integrations
APPROVED

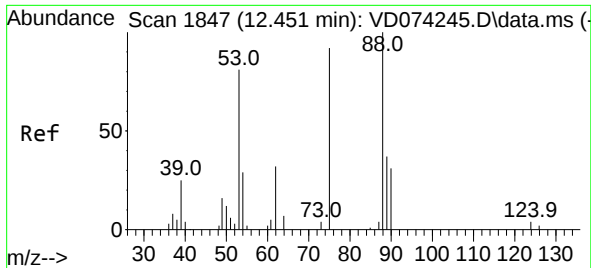
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.431 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

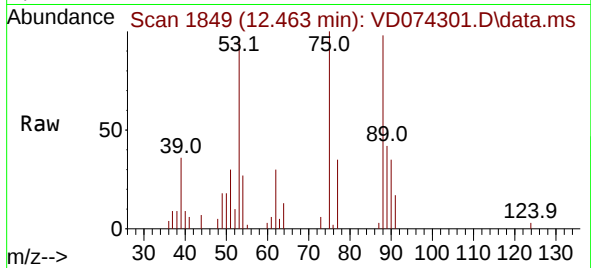
Tgt Ion:105 Resp: 210848
Ion Ratio Lower Upper
105 100
120 50.1 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.625 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

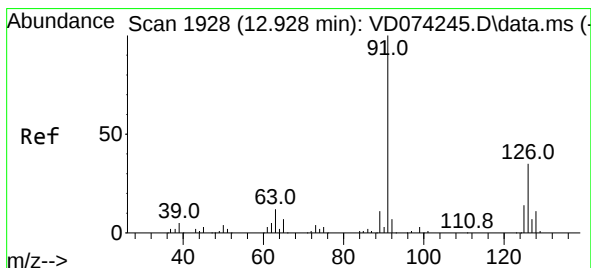
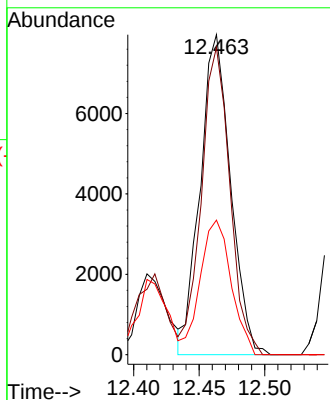
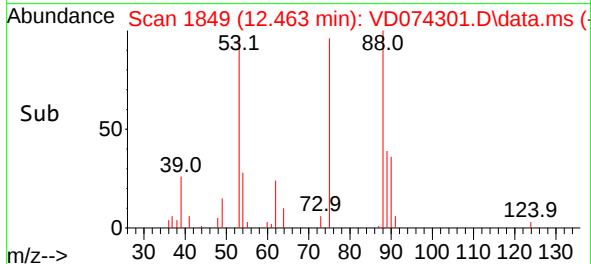
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



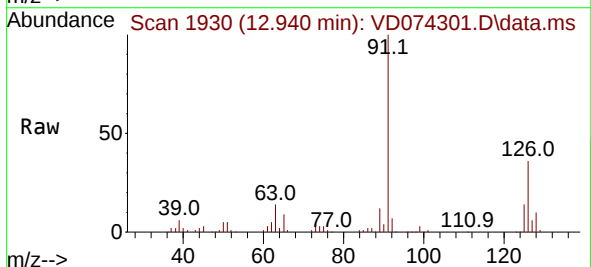
Tgt Ion: 75 Resp: 12828
Ion Ratio Lower Upper
75 100
53 90.2 0.0 0.0
89 43.1 0.0 0.0

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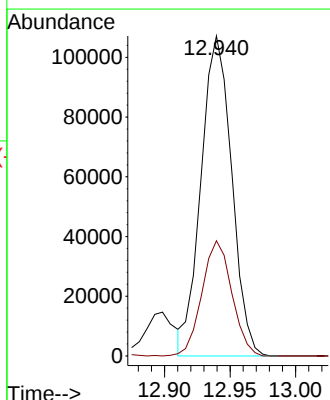
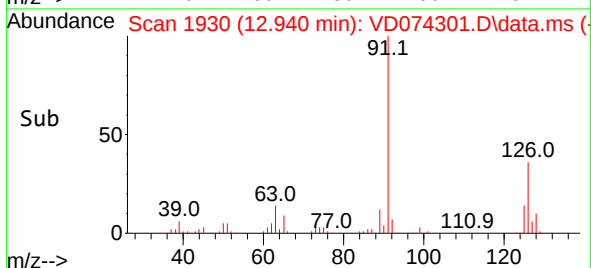
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

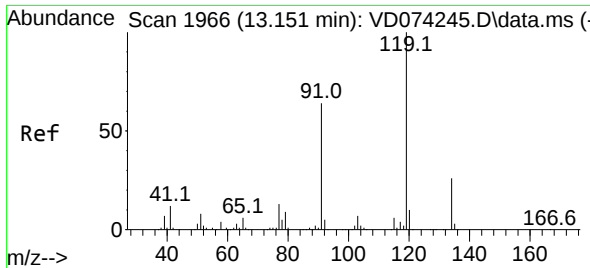


#82
4-Chlorotoluene
Concen: 47.118 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



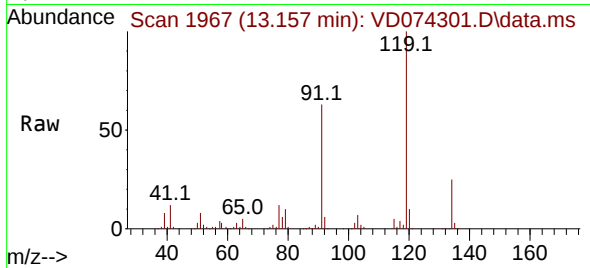
Tgt Ion: 91 Resp: 174403
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.220 ug/l
RT: 13.157 min Scan# 1966
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

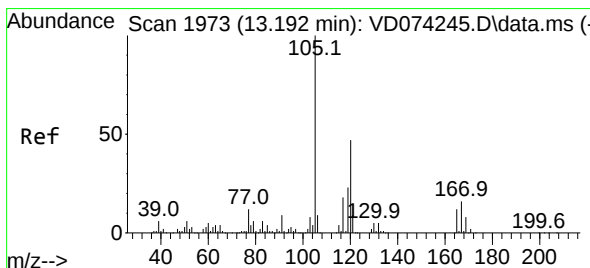
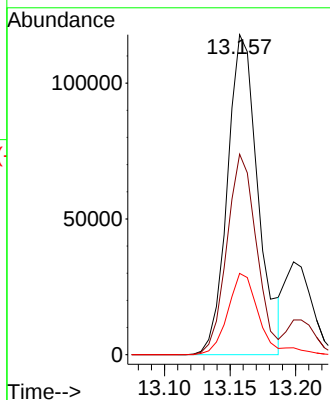
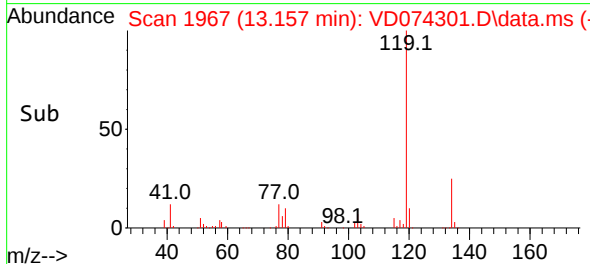
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



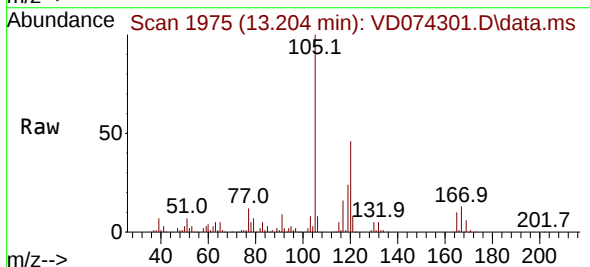
Tgt Ion:119 Resp: 191650
Ion Ratio Lower Upper
119 100
91 60.9 31.3 93.9
134 26.1 13.4 40.1

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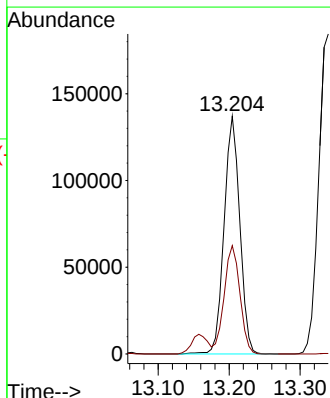
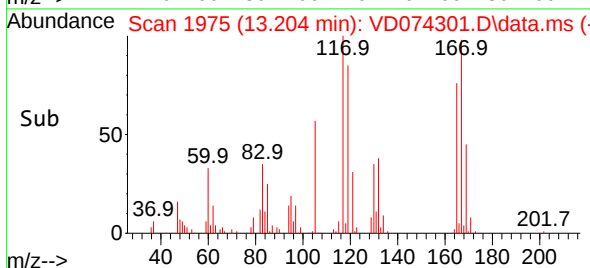
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

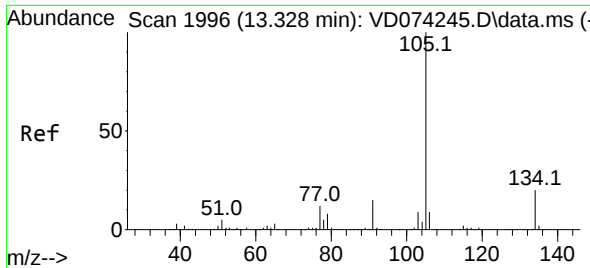


#84
1,2,4-Trimethylbenzene
Concen: 47.557 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



Tgt Ion:105 Resp: 209650
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.3





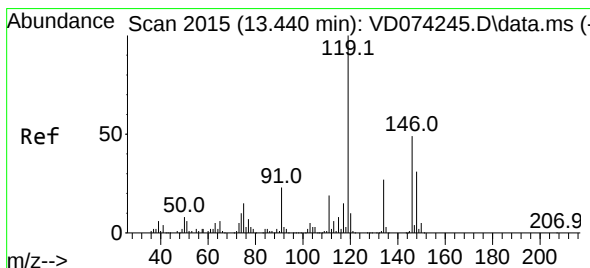
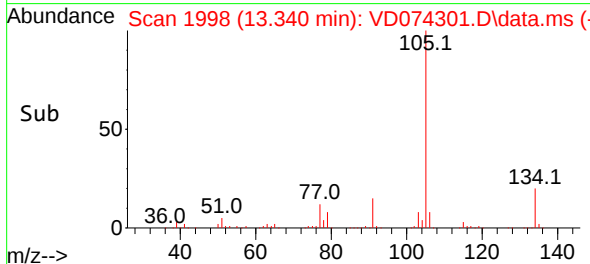
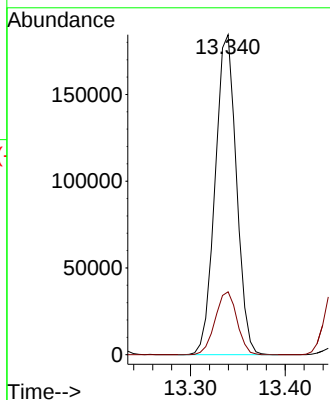
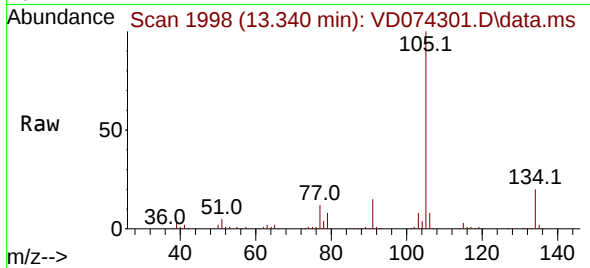
#85
 sec-Butylbenzene
 Concen: 47.828 ug/l
 RT: 13.340 min Scan# 1996
 Delta R.T. 0.012 min
 Lab File: VD074301.D
 Acq: 15 Sep 2022 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 287960
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8

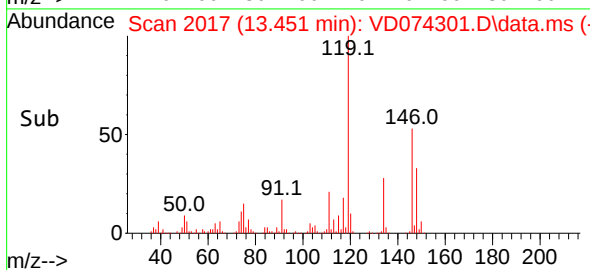
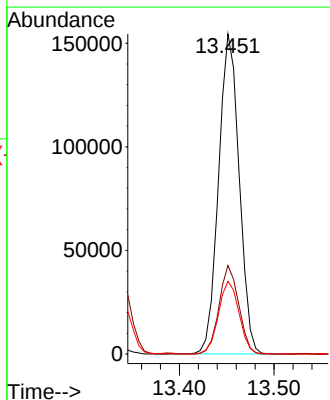
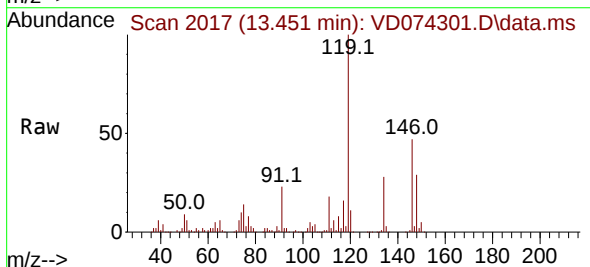
Manual Integrations
 APPROVED

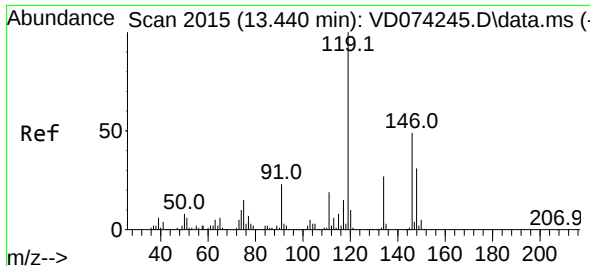
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 47.498 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.012 min
 Lab File: VD074301.D
 Acq: 15 Sep 2022 11:18

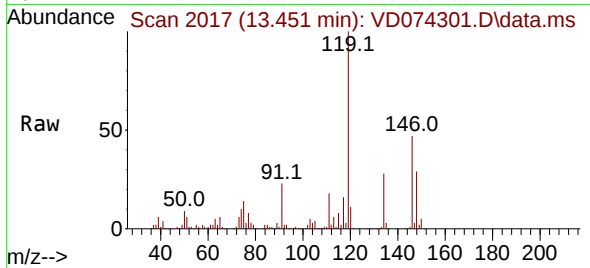
Tgt Ion:119 Resp: 233589
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.6 11.2 33.5





#87
1,3-Dichlorobenzene
Concen: 46.981 ug/l
RT: 13.451 min Scan# 2015
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

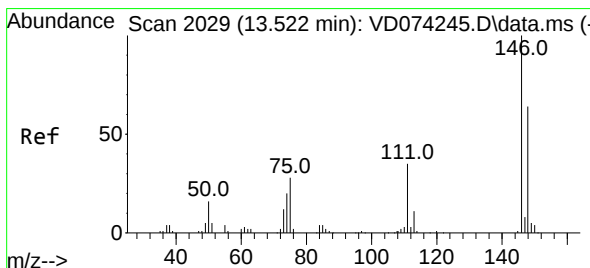
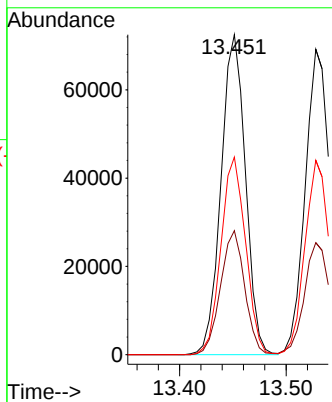
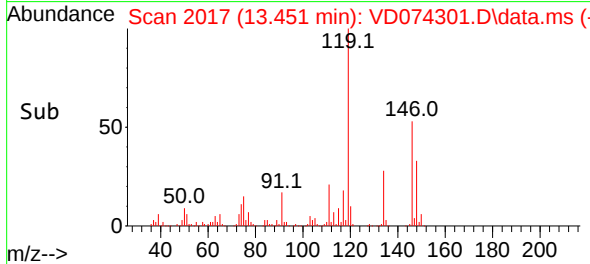
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



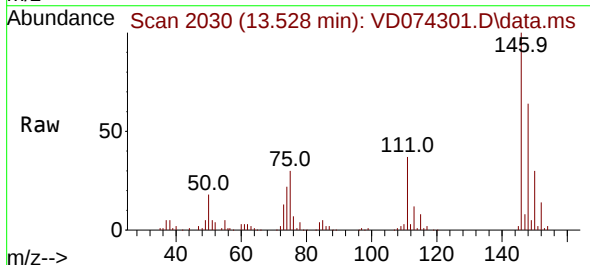
Tgt Ion:146 Resp: 115240
Ion Ratio Lower Upper
146 100
111 38.4 18.1 54.4
148 62.3 31.7 95.1

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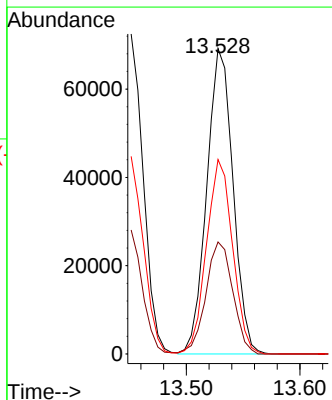
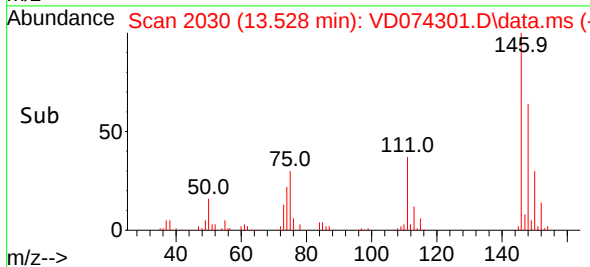
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

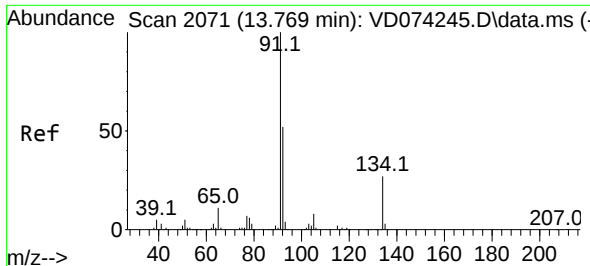


#88
1,4-Dichlorobenzene
Concen: 46.054 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.006 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



Tgt Ion:146 Resp: 111094
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.2
148 63.4 32.1 96.5





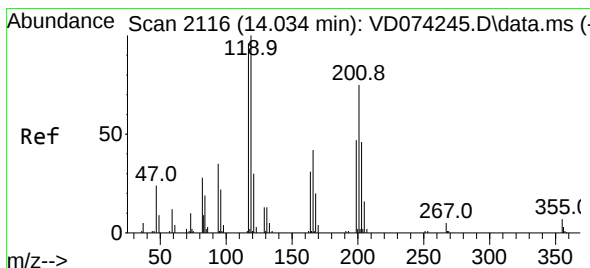
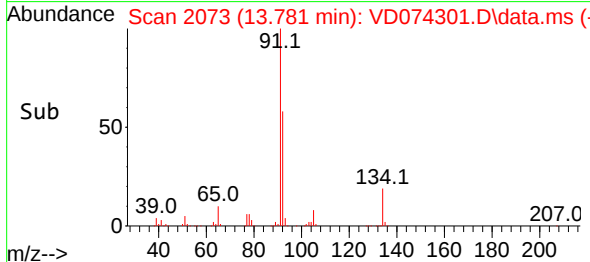
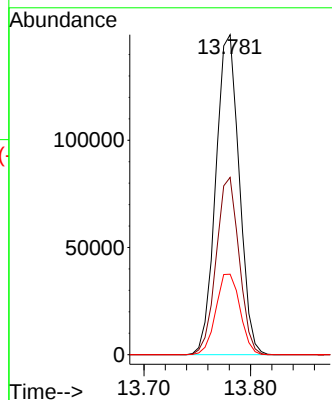
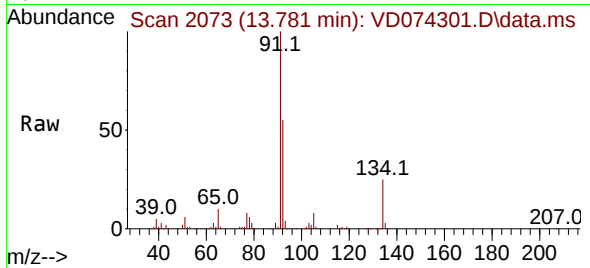
#89
n-Butylbenzene
Concen: 47.333 ug/l
RT: 13.781 min Scan# 2071
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 227464
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.7
134 26.0 13.1 39.1

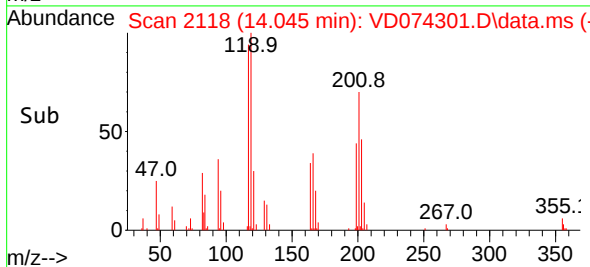
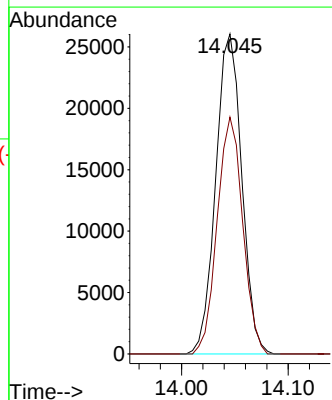
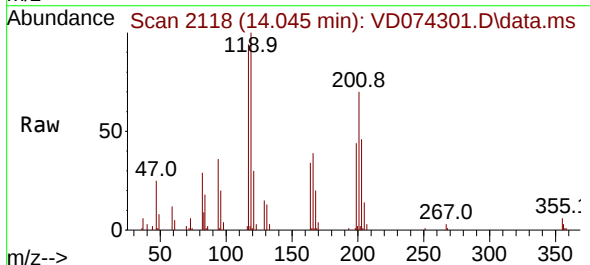
Manual Integrations
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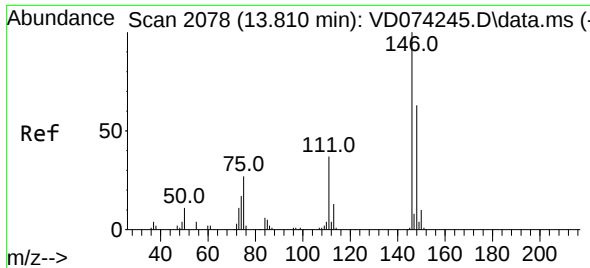
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 49.195 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion:117 Resp: 44257
Ion Ratio Lower Upper
117 100
201 72.5 38.0 113.9





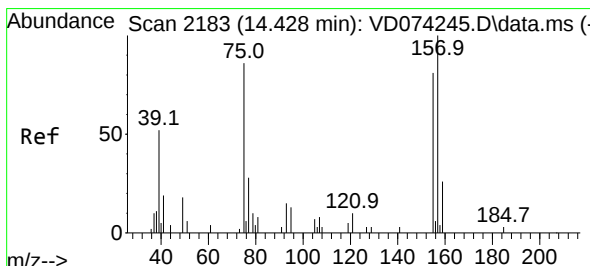
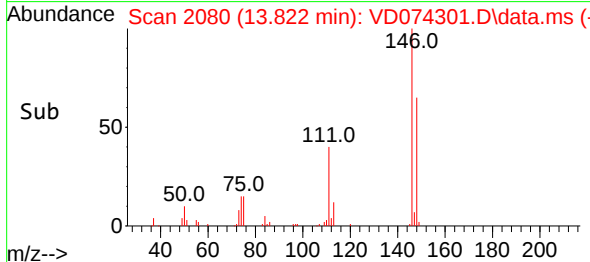
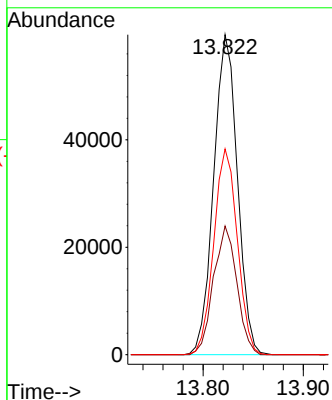
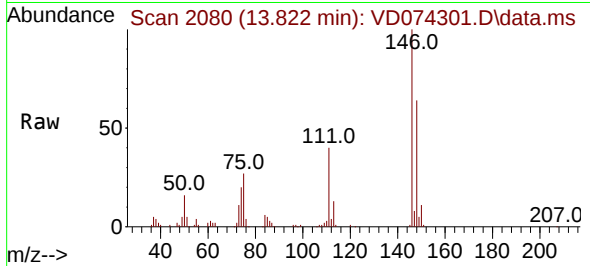
#91
1,2-Dichlorobenzene
Concen: 45.916 ug/l
RT: 13.822 min Scan# 2078
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 97950
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.4
148 63.9 31.5 94.5

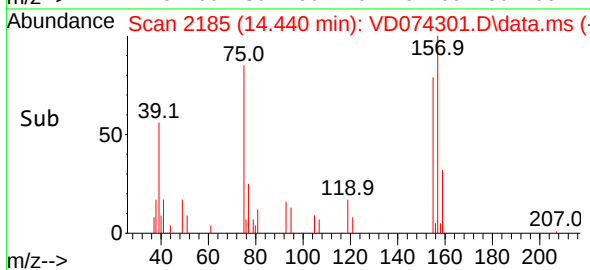
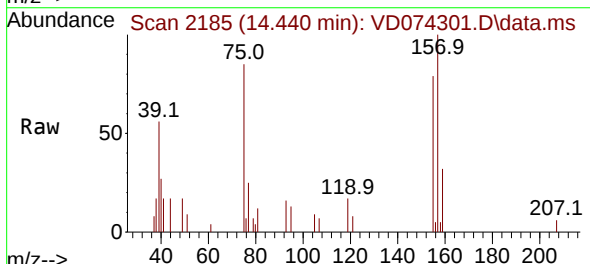
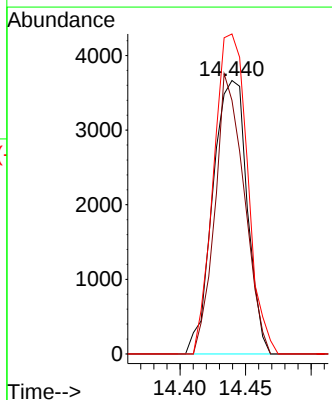
Manual Integrations
APPROVED

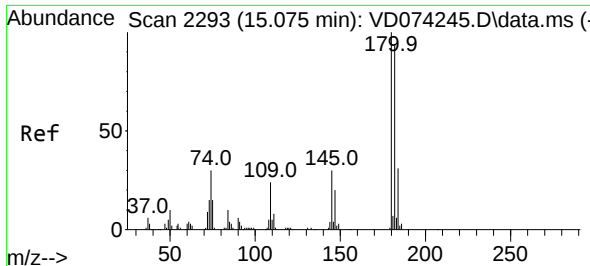
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.527 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

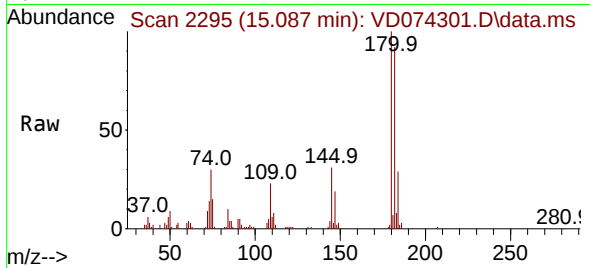
Tgt Ion: 75 Resp: 6665
Ion Ratio Lower Upper
75 100
155 87.0 49.2 147.6
157 115.2 62.1 186.2





#93
1,2,4-Trichlorobenzene
Concen: 44.843 ug/l
RT: 15.087 min Scan# 211
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

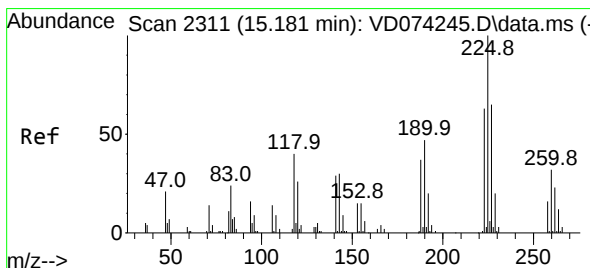
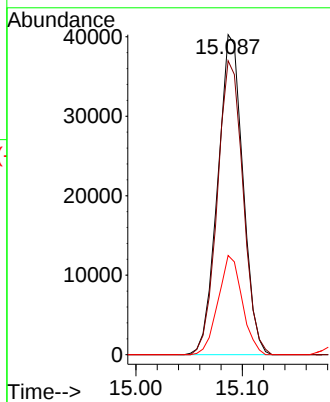
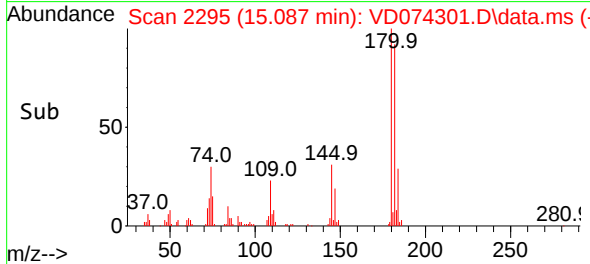
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



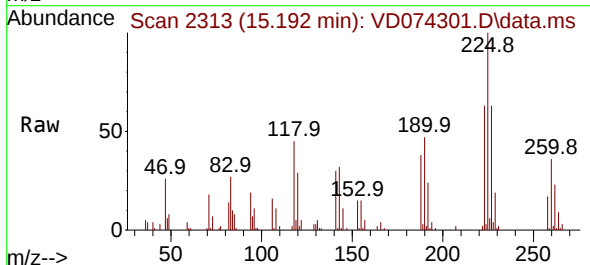
Tgt Ion:180 Resp: 66128
Ion Ratio Lower Upper
180 100
182 93.5 47.6 142.9
145 29.6 14.4 43.4

Manual Integrations
APPROVED

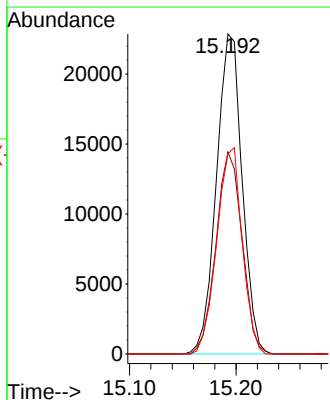
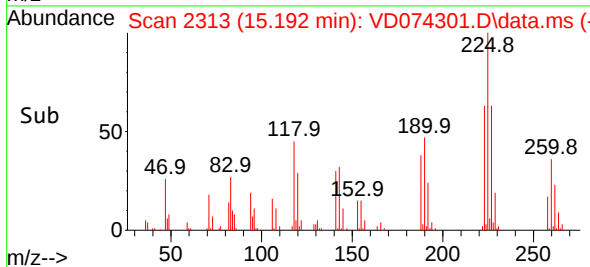
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

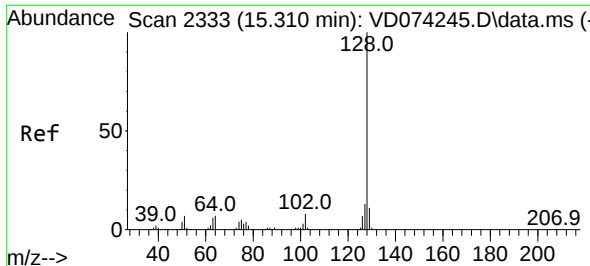


#94
Hexachlorobutadiene
Concen: 45.455 ug/l
RT: 15.192 min Scan# 2313
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18



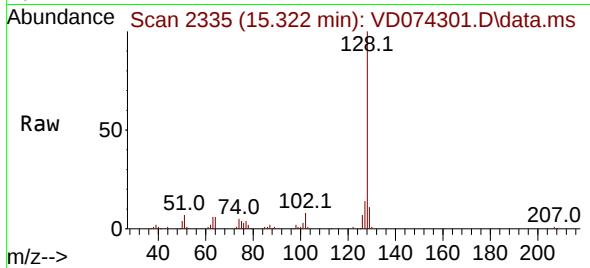
Tgt Ion:225 Resp: 38304
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.0
227 63.6 32.7 98.1





#95
Naphthalene
Concen: 45.887 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

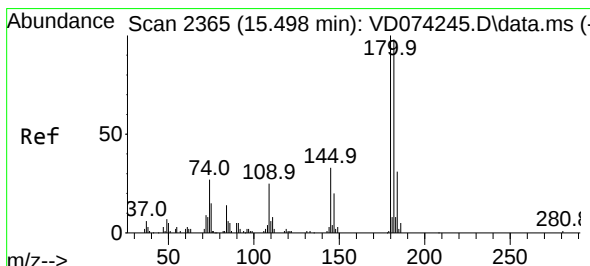
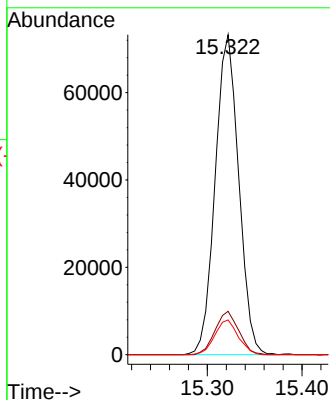
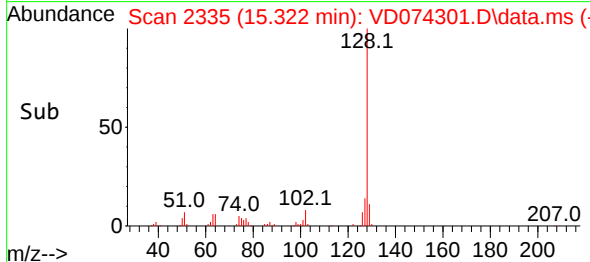
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 126439
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.527 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. 0.012 min
Lab File: VD074301.D
Acq: 15 Sep 2022 11:18

Tgt Ion:180 Resp: 56369
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 30.9 15.8 47.3

