

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074265.D
 Acq On : 13 Sep 2022 14:49
 Operator : VA/SY
 Sample : VD0913SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 15:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	102548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	152984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	76577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56132	53.690	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	107.380%	
35) Dibromofluoromethane	7.805	113	58783	51.239	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.480%	
50) Toluene-d8	10.263	98	227745	54.109	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	108.220%	
62) 4-Bromofluorobenzene	12.563	95	73438	49.951	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	99.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	22154	26.172	ug/l	96
3) Chloromethane	2.140	50	18316	23.893	ug/l	100
4) Vinyl Chloride	2.269	62	16589	25.403	ug/l	100
5) Bromomethane	2.658	94	9555	27.785	ug/l	93
6) Chloroethane	2.817	64	9802	25.206	ug/l	99
7) Trichlorofluoromethane	3.152	101	40267	22.163	ug/l	99
8) Diethyl Ether	3.587	74	12216	20.840	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.946	101	25911	22.165	ug/l	99
10) Methyl Iodide	4.152	142	28757	20.642	ug/l	98
11) Tert butyl alcohol	5.058	59	8952	104.987	ug/l #	93
12) 1,1-Dichloroethene	3.928	96	24388	21.612	ug/l	93
13) Acrolein	3.787	56	8222	90.717	ug/l	94
14) Allyl chloride	4.546	41	37802	21.585	ug/l	99
15) Acrylonitrile	5.258	53	29485	107.884	ug/l	98
16) Acetone	4.022	43	24331	112.748	ug/l	95
17) Carbon Disulfide	4.258	76	74036	22.743	ug/l	98
18) Methyl Acetate	4.558	43	17290	23.948	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	57872	21.171	ug/l	98
20) Methylene Chloride	4.793	84	41902	29.379	ug/l	97
21) trans-1,2-Dichloroethene	5.299	96	27549	21.641	ug/l	96
22) Diisopropyl ether	6.216	45	79925	21.506	ug/l	97
23) Vinyl Acetate	6.152	43	180297	102.736	ug/l	98
24) 1,1-Dichloroethane	6.105	63	49836	21.707	ug/l	96
25) 2-Butanone	7.087	43	39356	109.347	ug/l	96
26) 2,2-Dichloropropane	7.075	77	41596	20.738	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	30358	20.871	ug/l	97
28) Bromochloromethane	7.428	49	12292	17.434	ug/l	100
29) Tetrahydrofuran	7.440	42	23649	106.580	ug/l	98
30) Chloroform	7.593	83	49490	21.719	ug/l	94
31) Cyclohexane	7.869	56	45041	20.846	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	43467	21.741	ug/l	98
36) 1,1-Dichloropropene	7.999	75	39627	21.322	ug/l	98
37) Ethyl Acetate	7.163	43	17290	21.453	ug/l #	77
38) Carbon Tetrachloride	7.987	117	35848	21.319	ug/l	93
39) Methylcyclohexane	9.269	83	47862	20.804	ug/l	98
40) Benzene	8.246	78	108873	21.168	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	8657	19.285	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	28993	21.330	ug/l	99
43) Isopropyl Acetate	8.357	43	31938	20.516	ug/l	97
44) Trichloroethene	9.022	130	30138	21.110	ug/l	93
45) 1,2-Dichloropropane	9.299	63	27787	20.787	ug/l	95
46) Dibromomethane	9.387	93	15000	21.613	ug/l	95
47) Bromodichloromethane	9.581	83	36960	21.167	ug/l	98
48) Methyl methacrylate	9.375	41	15812	21.505	ug/l	98
49) 1,4-Dioxane	9.381	88	3734	454.329	ug/l	97
51) 4-Methyl-2-Pentanone	10.151	43	83571	106.215	ug/l	99
52) Toluene	10.328	92	68974	20.907	ug/l	97
53) t-1,3-Dichloropropene	10.546	75	32684	19.857	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	41303	20.367	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	20728	21.605	ug/l	98
56) Ethyl methacrylate	10.593	69	26586	20.856	ug/l	98
57) 1,3-Dichloropropane	10.875	76	35033	20.691	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.863	63	27794	112.911	ug/l	100
59) 2-Hexanone	10.916	43	57363	107.362	ug/l	97
60) Dibromochloromethane	11.063	129	24180	20.696	ug/l	99
61) 1,2-Dibromoethane	11.175	107	19872	21.762	ug/l	100
64) Tetrachloroethene	10.804	164	25461	21.767	ug/l	93
65) Chlorobenzene	11.598	112	74771	21.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	25847	20.984	ug/l	99
67) Ethyl Benzene	11.675	91	135488	21.090	ug/l	100
68) m/p-Xylenes	11.787	106	105622	43.319	ug/l	98
69) o-Xylene	12.110	106	48660	21.117	ug/l	99
70) Styrene	12.128	104	82450	21.453	ug/l	99
71) Bromoform	12.287	173	14786	21.562	ug/l #	97
73) Isopropylbenzene	12.410	105	129414	19.975	ug/l	98
74) N-amyl acetate	12.222	43	31023	20.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.663	83	24356	20.646	ug/l	96
76) 1,2,3-Trichloropropane	12.710	75	16860m	21.477	ug/l	
77) Bromobenzene	12.692	156	29178	20.522	ug/l	97
78) n-propylbenzene	12.751	91	163148	20.535	ug/l	99
79) 2-Chlorotoluene	12.840	91	86192	20.056	ug/l	96
80) 1,3,5-Trimethylbenzene	12.892	105	107885	20.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	5896	18.518	ug/l #	100
82) 4-Chlorotoluene	12.934	91	90078	20.588	ug/l	100
83) tert-Butylbenzene	13.157	119	95148	20.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.198	105	107154	20.563	ug/l	100
85) sec-Butylbenzene	13.334	105	144766	20.340	ug/l	98
86) p-Isopropyltoluene	13.445	119	120434	20.717	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	58526	20.184	ug/l	96
88) 1,4-Dichlorobenzene	13.522	146	58285	20.440	ug/l	99
89) n-Butylbenzene	13.775	91	115702	20.368	ug/l	100
90) Hexachloroethane	14.039	117	22650	21.299	ug/l	98
91) 1,2-Dichlorobenzene	13.822	146	51731	20.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	3479	20.987	ug/l	94
93) 1,2,4-Trichlorobenzene	15.081	180	33501	19.219	ug/l	99
94) Hexachlorobutadiene	15.186	225	19912	19.990	ug/l	99
95) Naphthalene	15.316	128	65700	20.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.504	180	30180	20.168	ug/l	97

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 ClientSampleId :
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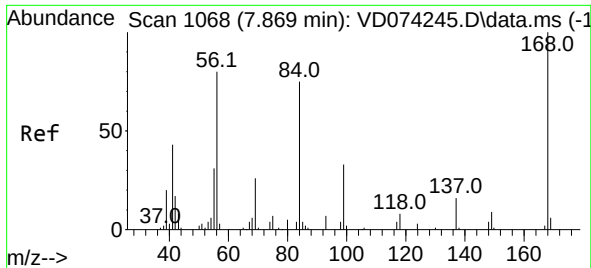
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

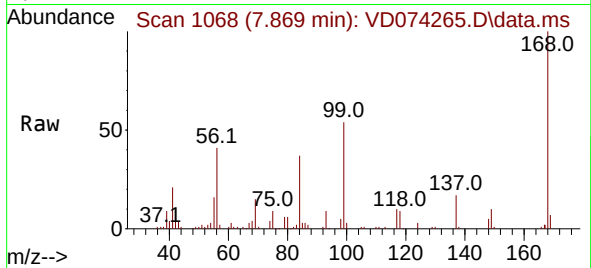
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074265.D
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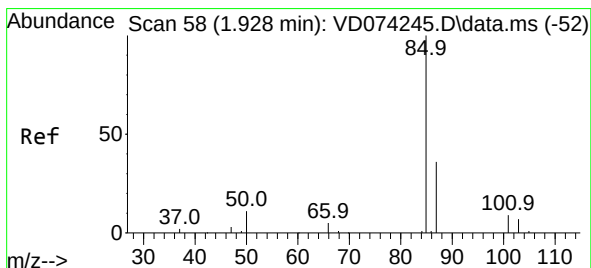
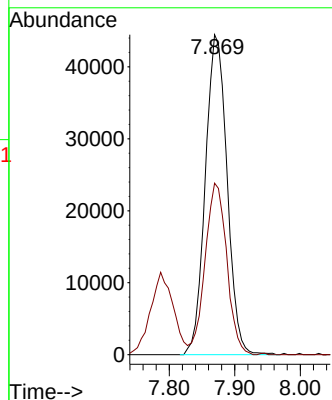
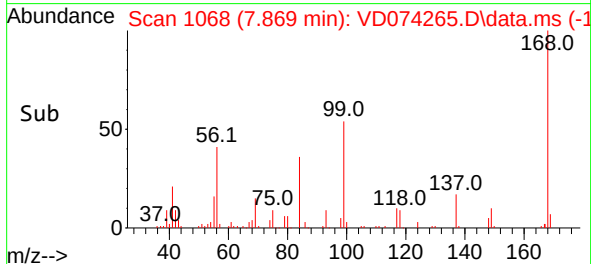
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion:168 Resp: 102548
Ion Ratio Lower Upper
168 100
99 53.6 43.0 64.6

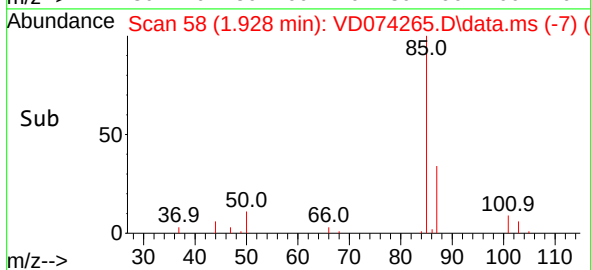
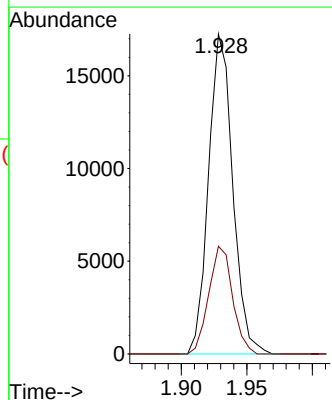
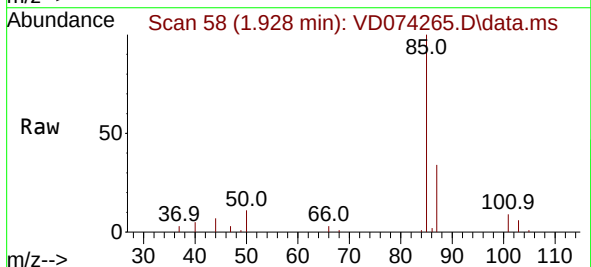
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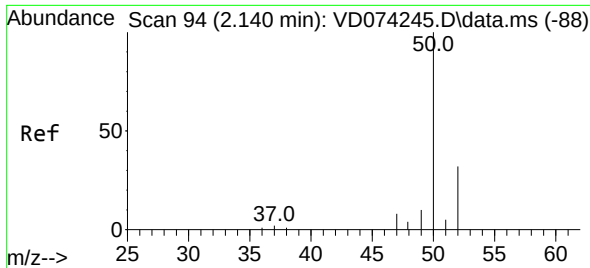
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#2
Dichlorodifluoromethane
Concen: 26.172 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 85 Resp: 22154
Ion Ratio Lower Upper
85 100
87 33.7 17.9 53.7





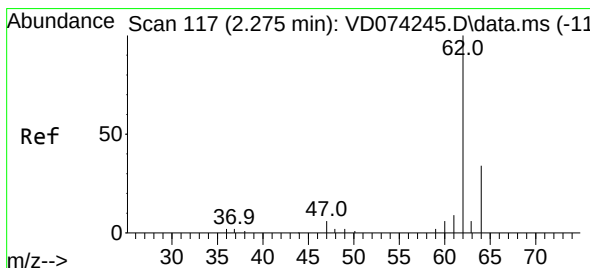
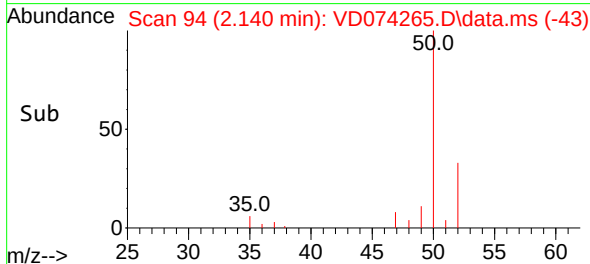
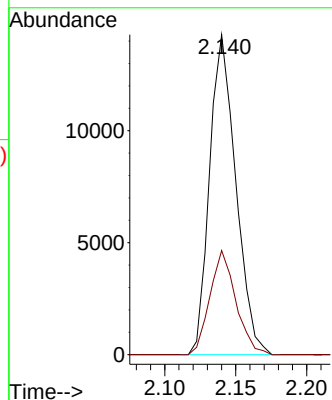
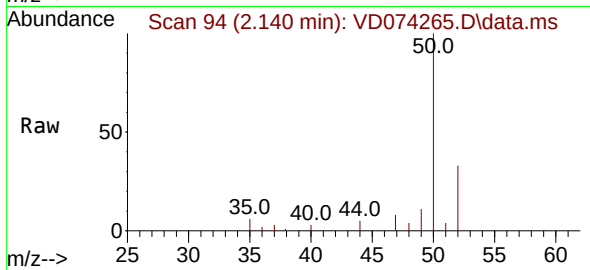
#3
Chloromethane
Concen: 23.893 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion: 50 Resp: 18310
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.8

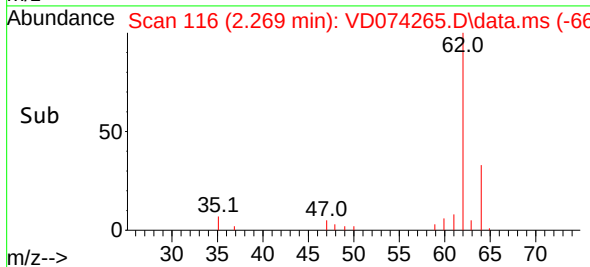
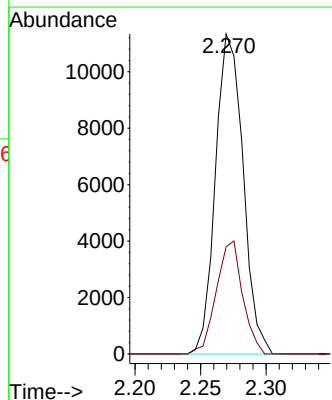
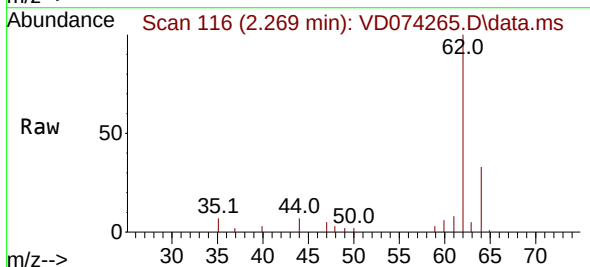
Manual Integrations
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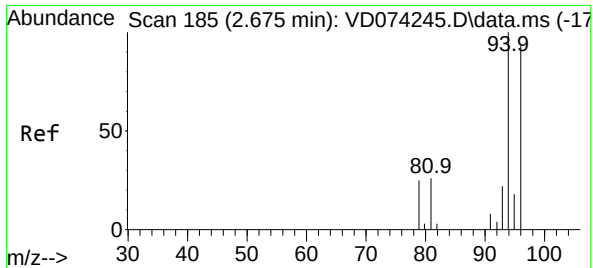
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#4
Vinyl Chloride
Concen: 25.403 ug/l
RT: 2.269 min Scan# 116
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 62 Resp: 16589
Ion Ratio Lower Upper
62 100
64 33.5 27.0 40.4





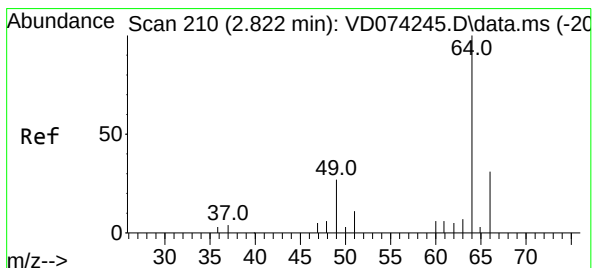
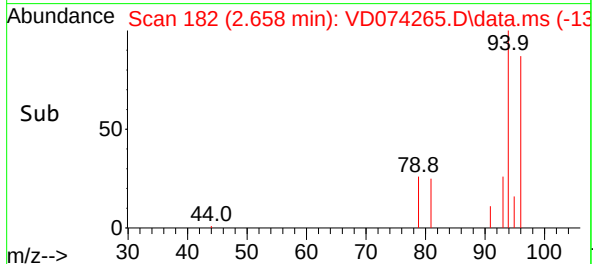
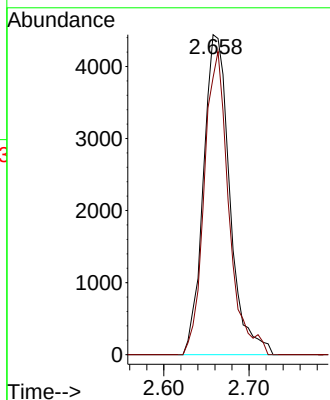
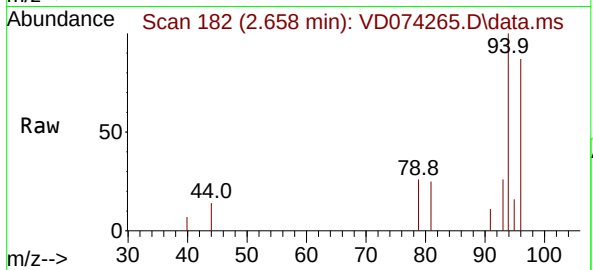
#5
Bromomethane
Concen: 27.785 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion: 94 Resp: 955
Ion Ratio Lower Upper
94 100
96 86.6 74.6 112.0

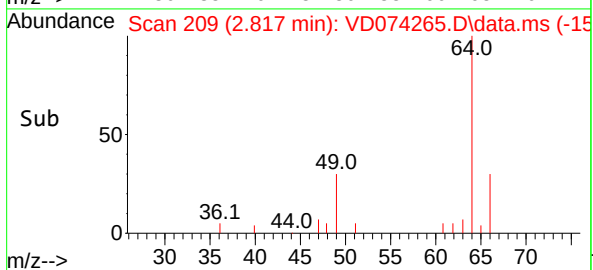
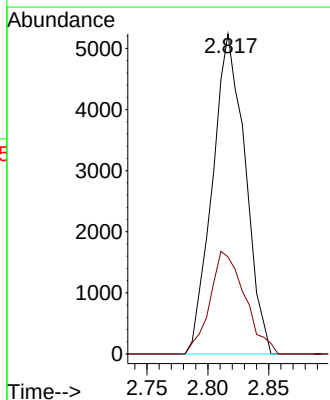
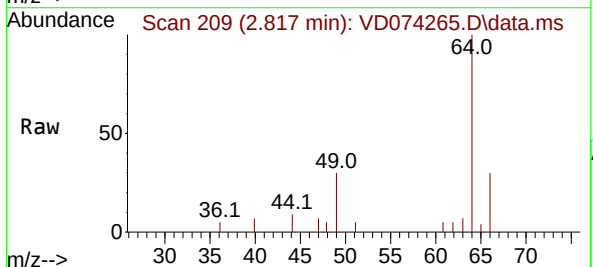
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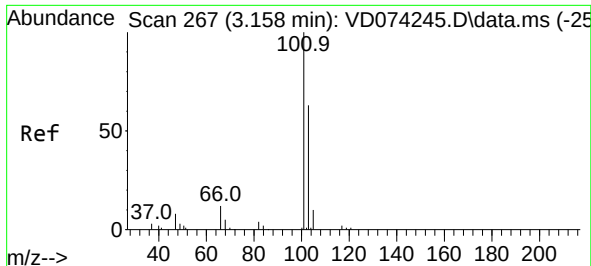
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#6
Chloroethane
Concen: 25.206 ug/l
RT: 2.817 min Scan# 209
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 64 Resp: 9802
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8





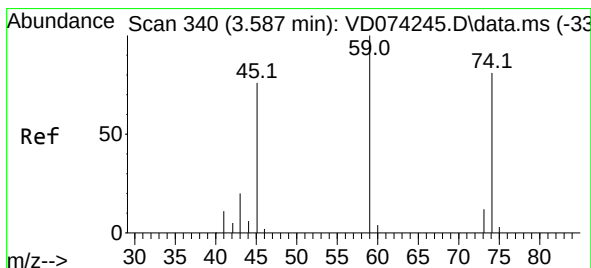
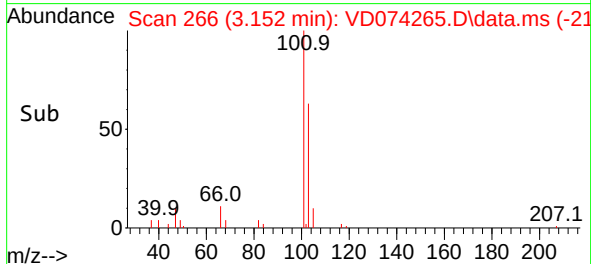
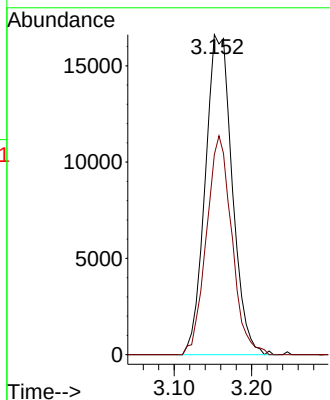
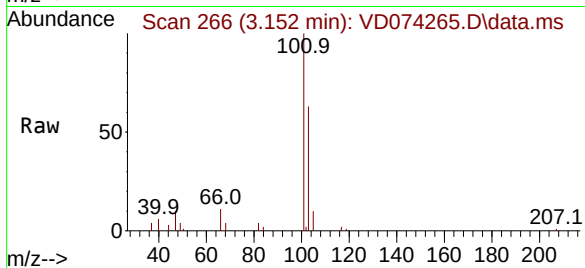
#7
 Trichlorofluoromethane
 Concen: 22.163 ug/l
 RT: 3.152 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBSD01

Tgt Ion:101 Resp: 4026
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.6 76.0

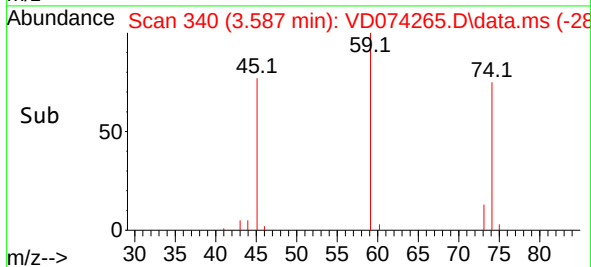
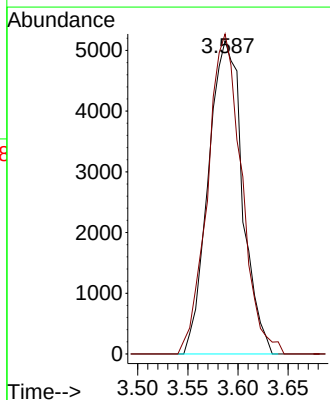
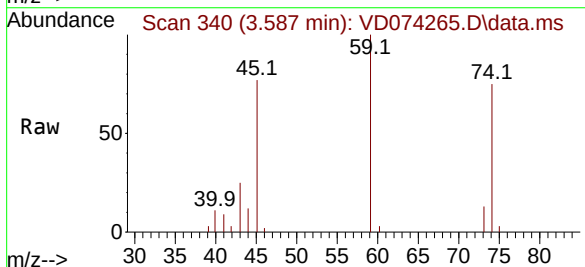
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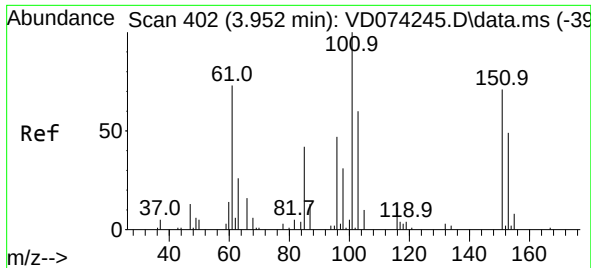
Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#8
 Diethyl Ether
 Concen: 20.840 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Tgt Ion: 74 Resp: 12216
 Ion Ratio Lower Upper
 74 100
 45 101.6 47.9 143.6





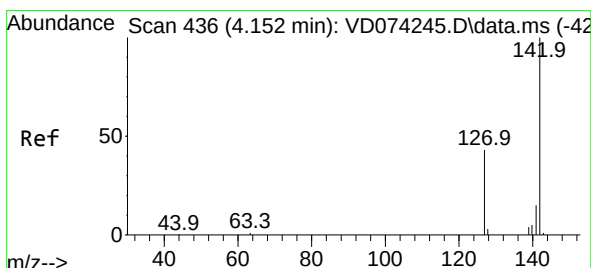
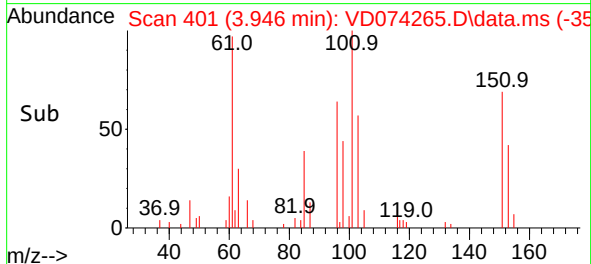
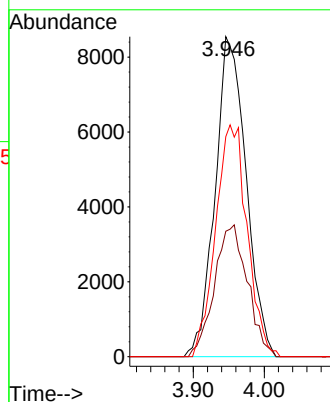
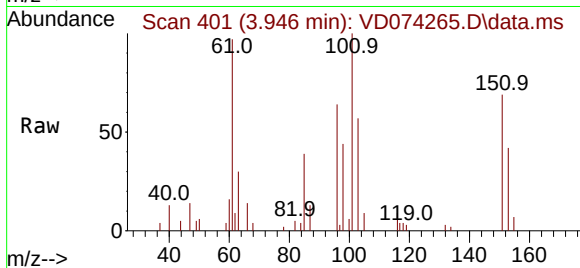
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.165 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion:101 Resp: 2591
Ion Ratio Lower Upper
101 100
85 43.8 35.0 52.4
151 73.9 59.7 89.5

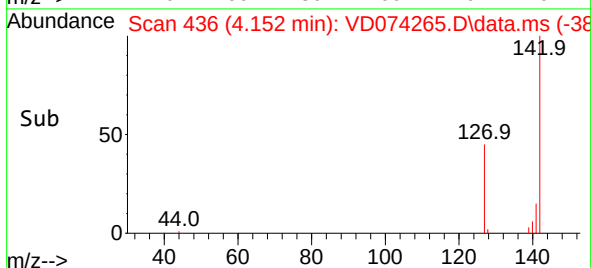
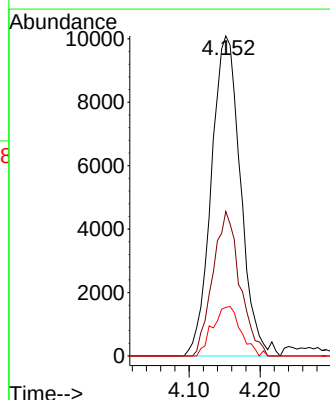
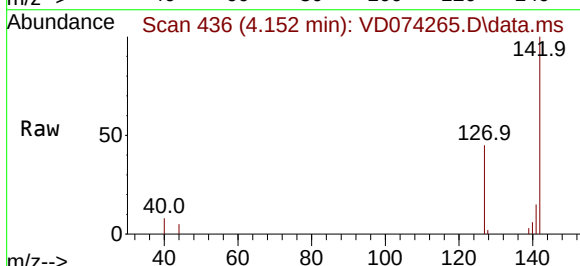
Manual Integrations
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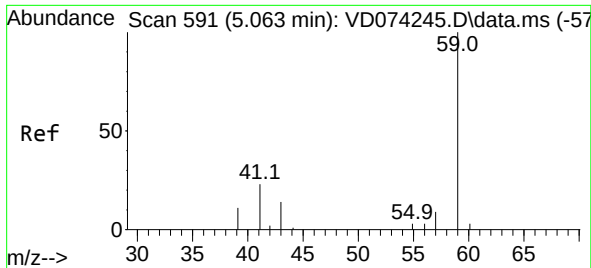
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 20.642 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

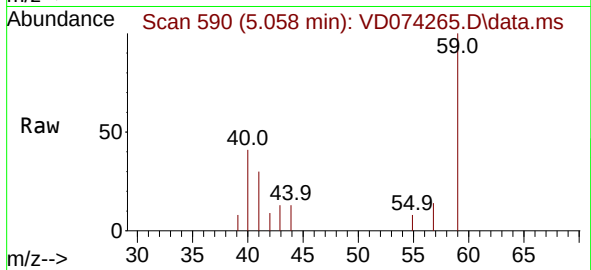
Tgt Ion:142 Resp: 28757
Ion Ratio Lower Upper
142 100
127 42.0 34.6 51.8
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 104.987 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

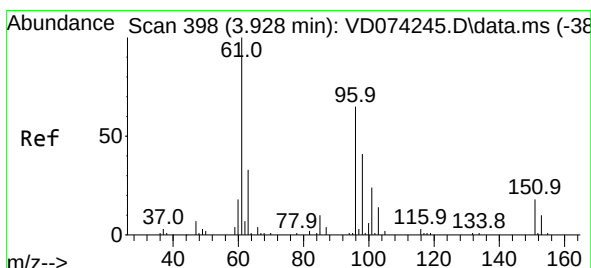
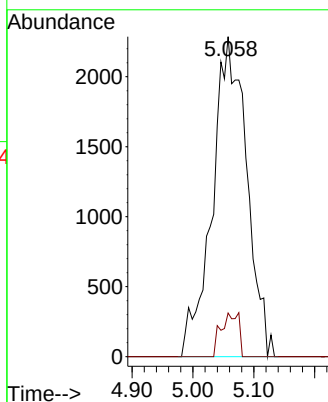
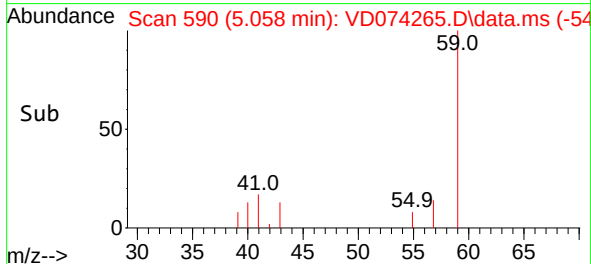
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



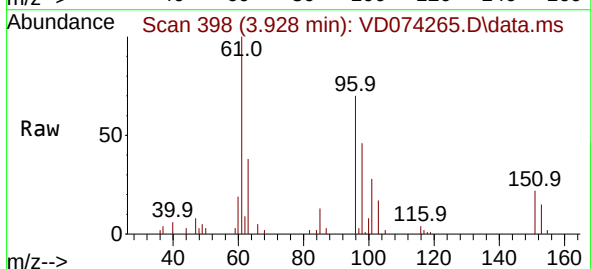
Tgt Ion: 59 Resp: 8952
Ion Ratio Lower Upper
59 100
57 7.0 7.7 11.5

Manual Integrations
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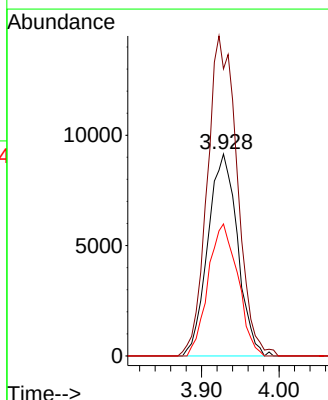
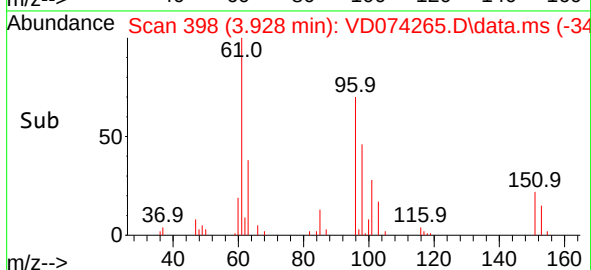
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

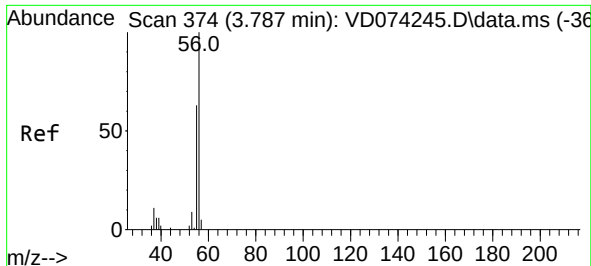


#12
1,1-Dichloroethene
Concen: 21.612 ug/l
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



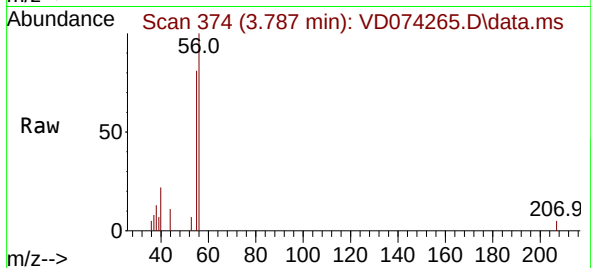
Tgt Ion: 96 Resp: 24388
Ion Ratio Lower Upper
96 100
61 142.1 122.3 183.5
98 65.4 50.7 76.1





#13
Acrolein
Concen: 90.717 ug/l
RT: 3.787 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

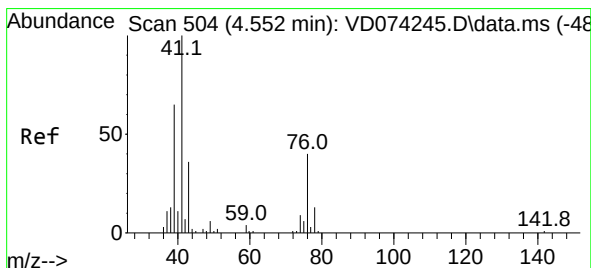
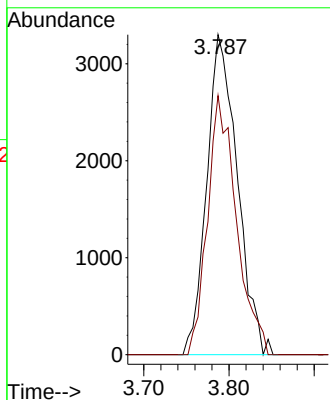
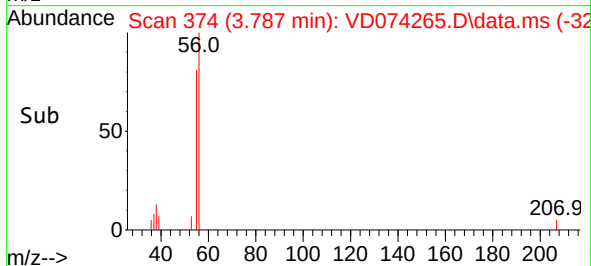
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion: 56 Resp: 822
Ion Ratio Lower Upper
56 100
55 76.4 57.4 86.2

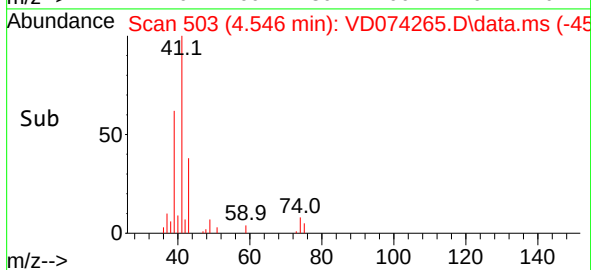
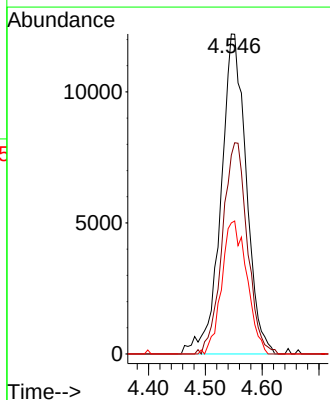
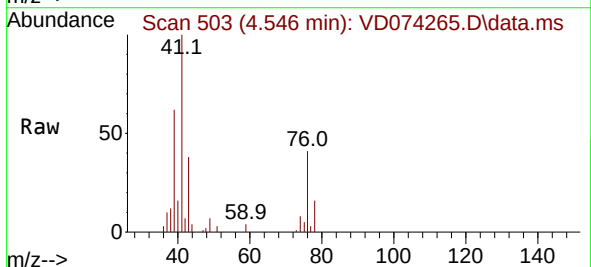
Manual Integrations
APPROVED

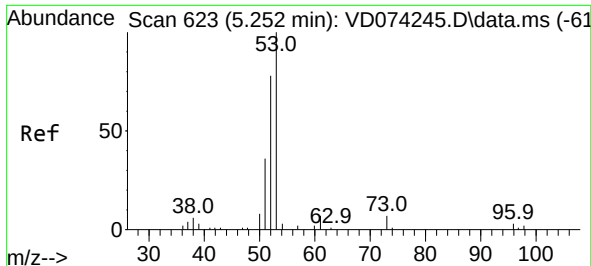
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 21.585 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 41 Resp: 37802
Ion Ratio Lower Upper
41 100
39 65.3 52.8 79.2
76 41.2 32.9 49.3





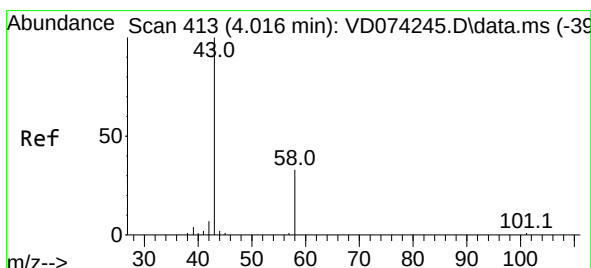
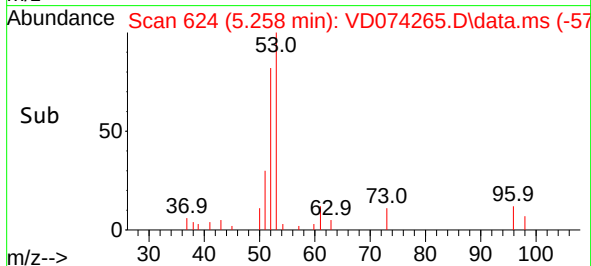
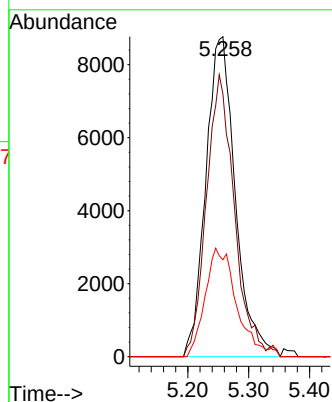
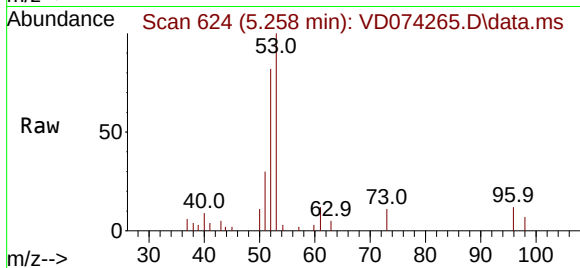
#15
Acrylonitrile
Concen: 107.884 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion: 53 Resp: 2948
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 35.6 29.0 43.6

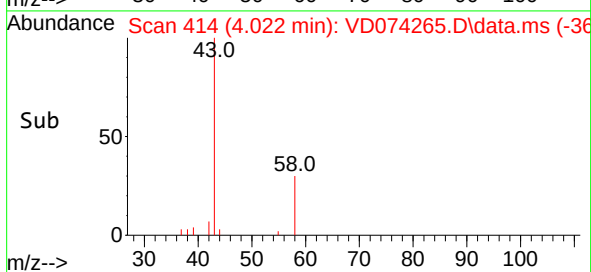
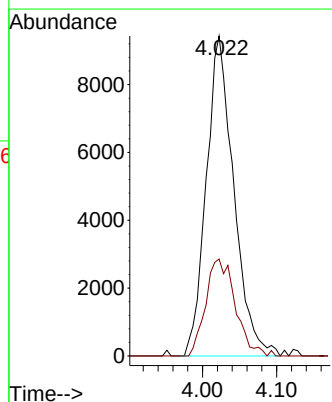
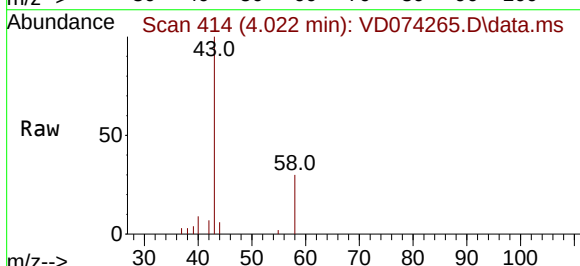
Manual Integrations
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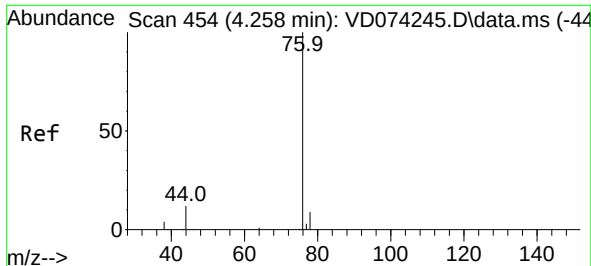
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#16
Acetone
Concen: 112.748 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 43 Resp: 24331
Ion Ratio Lower Upper
43 100
58 30.3 26.4 39.6





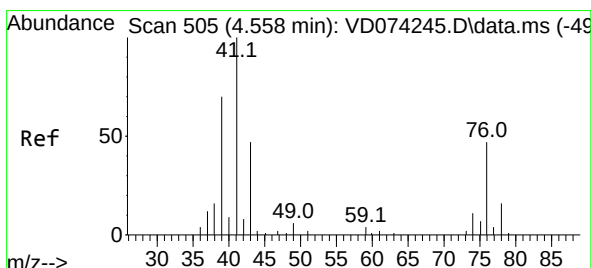
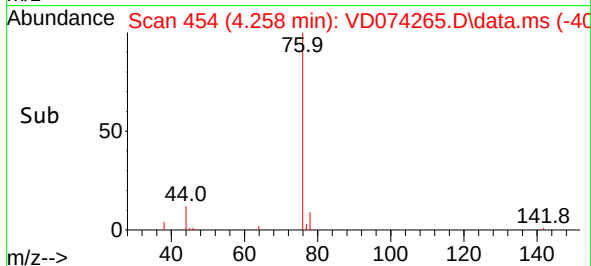
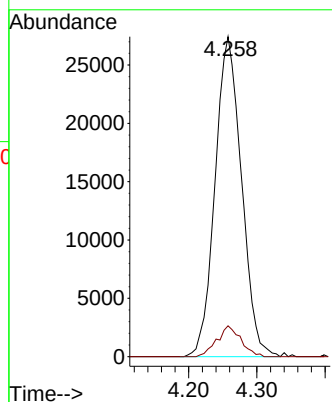
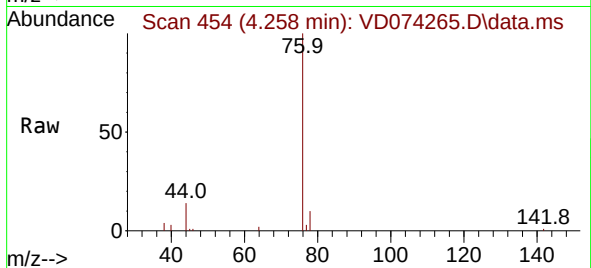
#17
Carbon Disulfide
Concen: 22.743 ug/l
RT: 4.258 min Scan# 454
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion: 76 Resp: 74036
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

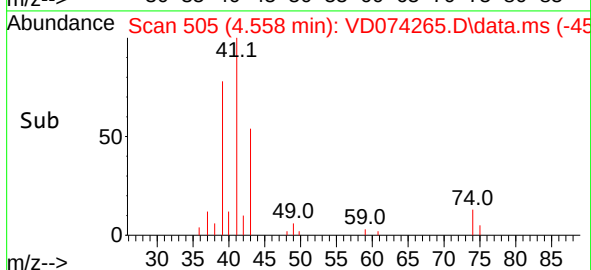
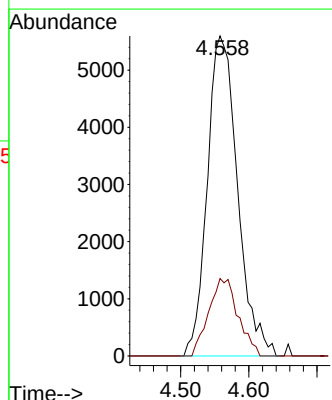
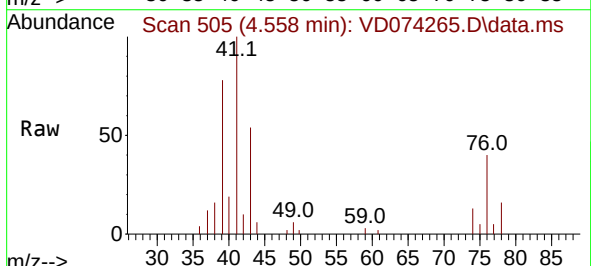
Manual Integrations
APPROVED

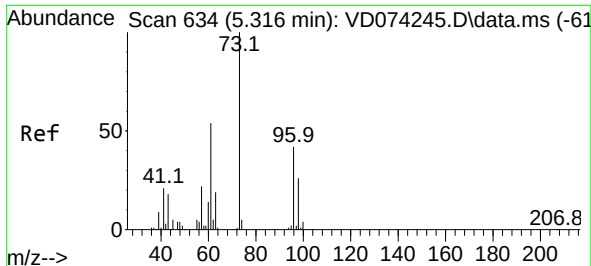
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 23.948 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

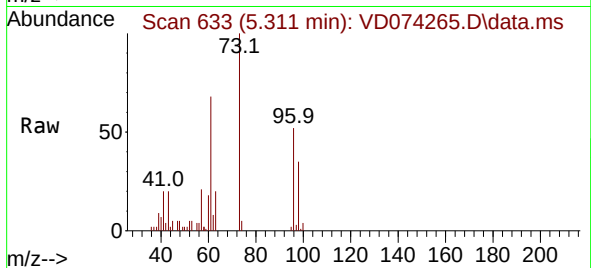
Tgt Ion: 43 Resp: 17290
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 21.171 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

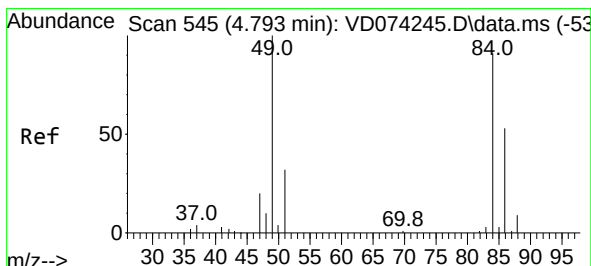
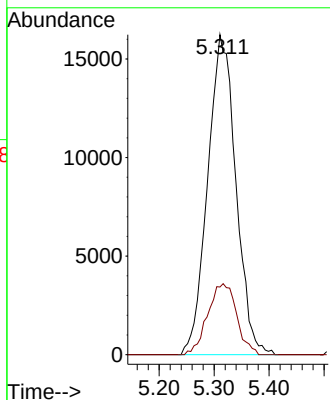
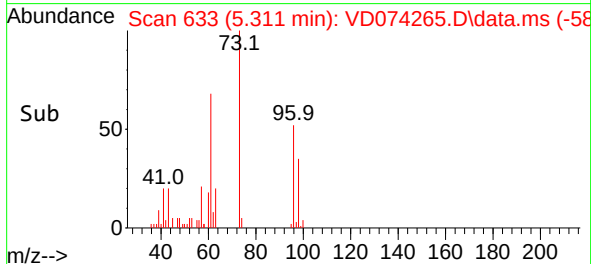
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion: 73 Resp: 57872
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6

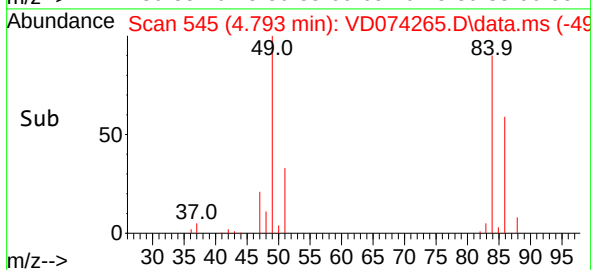
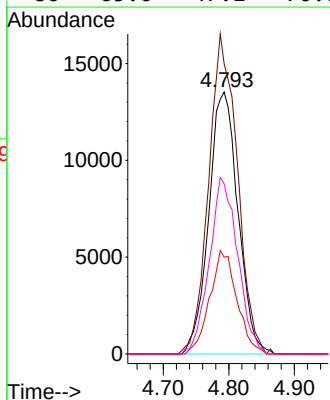
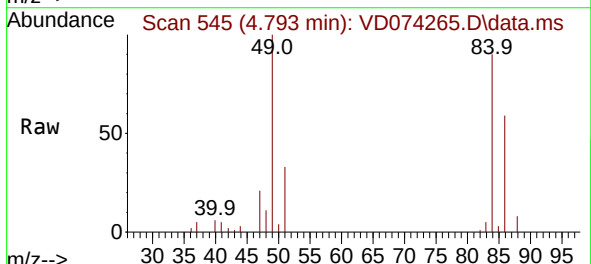
Manual Integrations
APPROVED

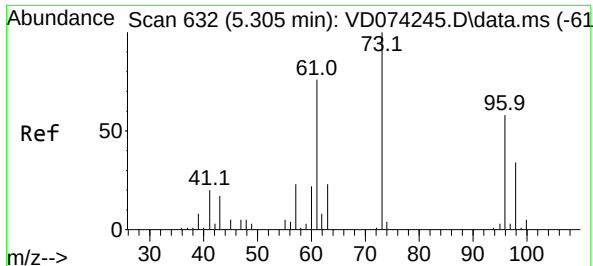
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 29.379 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

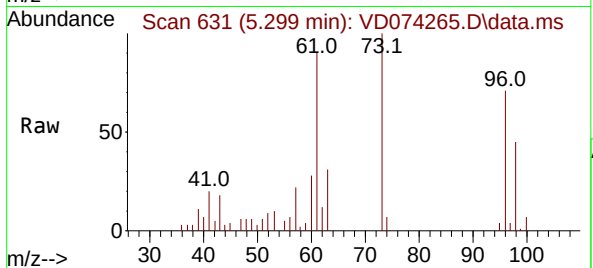
Tgt Ion: 84 Resp: 41902
Ion Ratio Lower Upper
84 100
49 110.8 88.4 132.6
51 36.9 28.0 42.0
86 65.0 47.1 70.7





#21
trans-1,2-Dichloroethene
Concen: 21.641 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

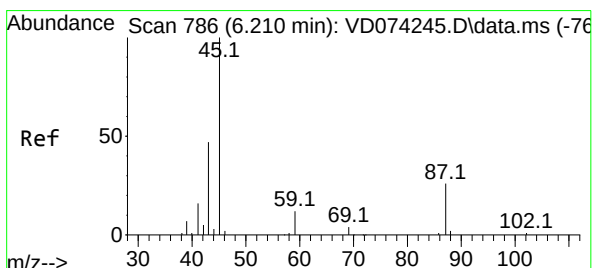
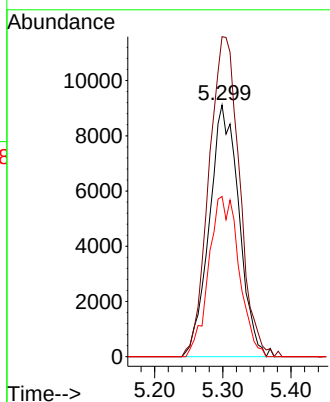
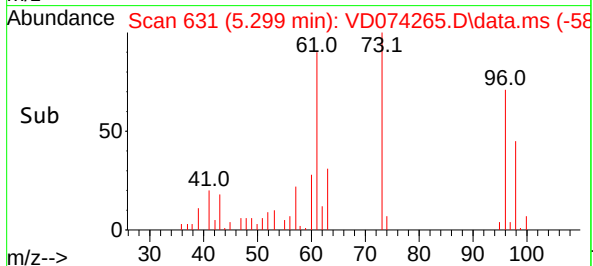
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion: 96 Resp: 27549
Ion Ratio Lower Upper
96 100
61 127.2 105.1 157.7
98 63.6 47.4 71.2

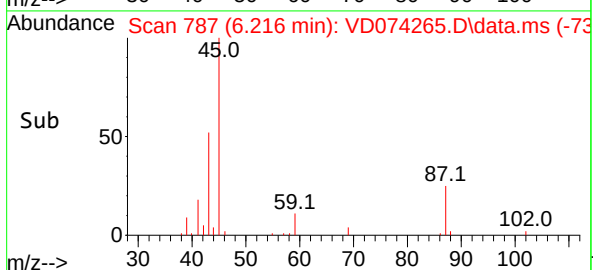
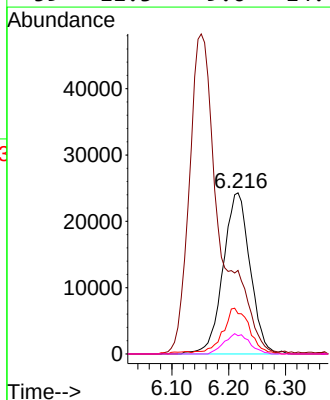
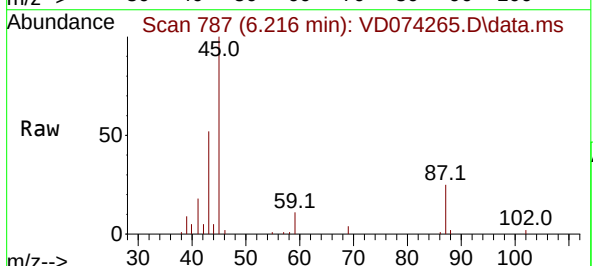
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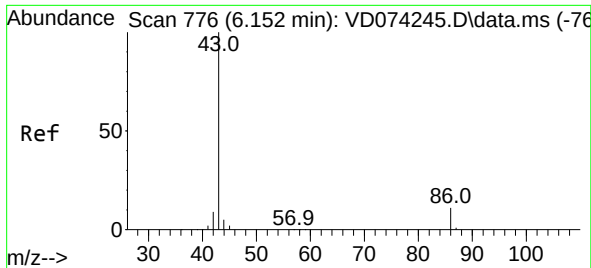
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 21.506 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 45 Resp: 79925
Ion Ratio Lower Upper
45 100
43 50.6 38.9 58.3
87 24.3 21.0 31.4
59 11.3 9.6 14.4





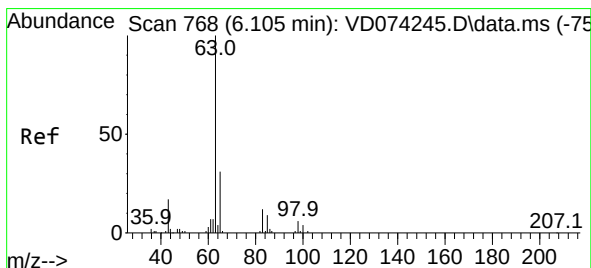
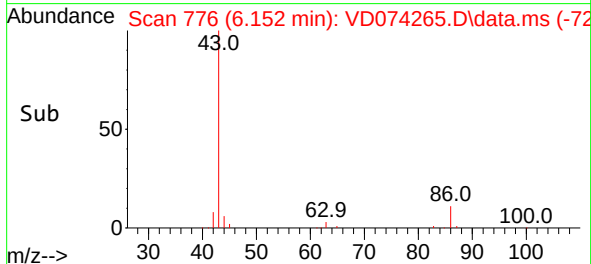
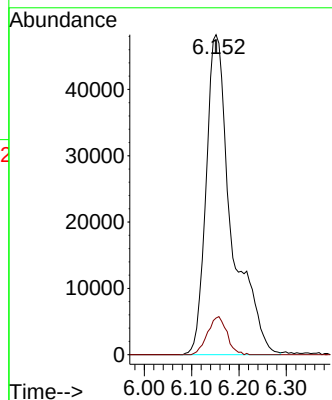
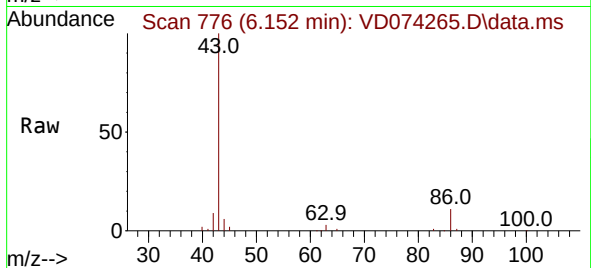
#23
 Vinyl Acetate
 Concen: 102.736 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Tgt Ion: 43 Resp: 18029
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

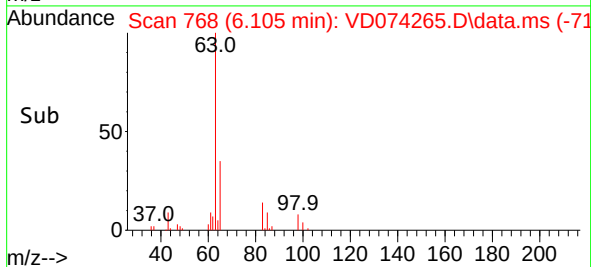
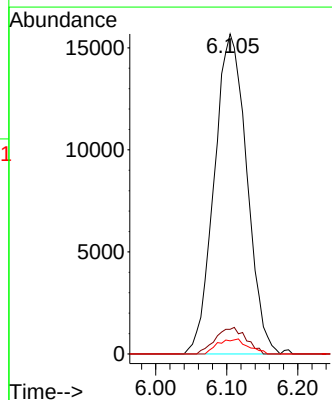
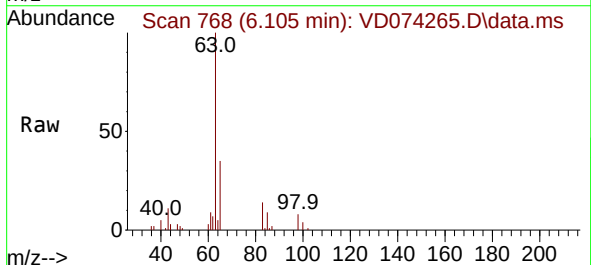
Manual Integrations
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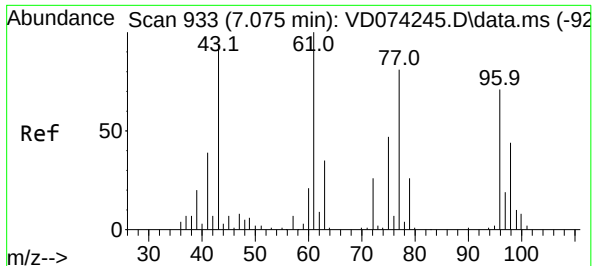
Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 21.707 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Tgt Ion: 63 Resp: 49836
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.8 8.4
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 109.347 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 43 Resp: 3935

Ion Ratio Lower Upper

43 100

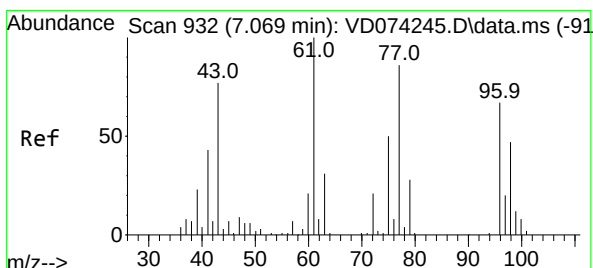
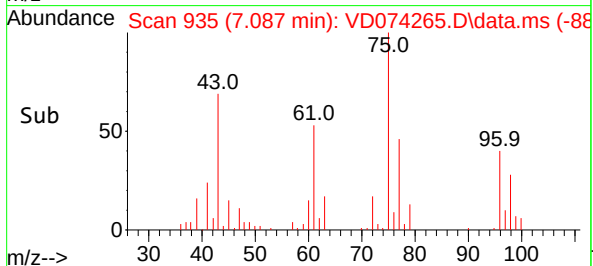
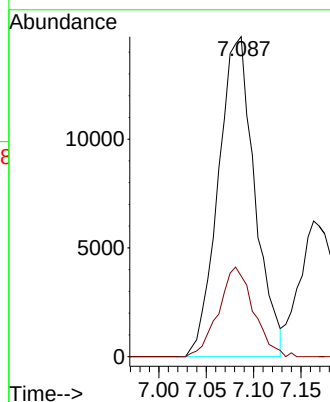
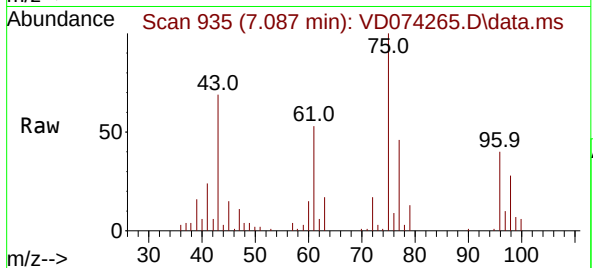
72 25.2 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#26

2,2-Dichloropropane

Concen: 20.738 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD074265.D

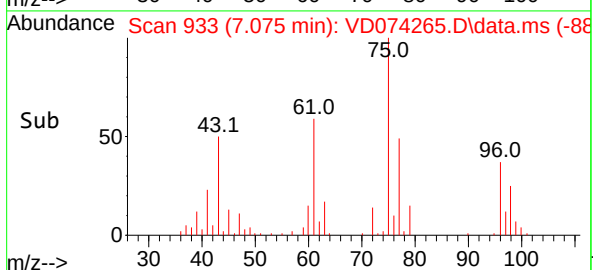
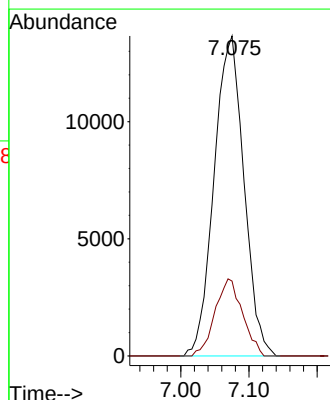
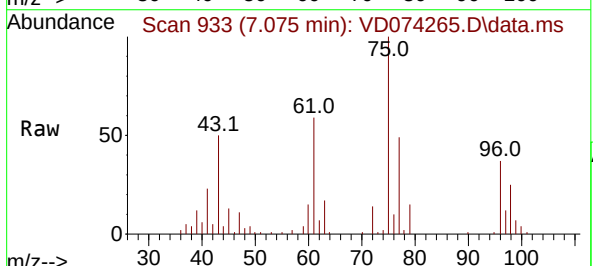
Acq: 13 Sep 2022 14:49

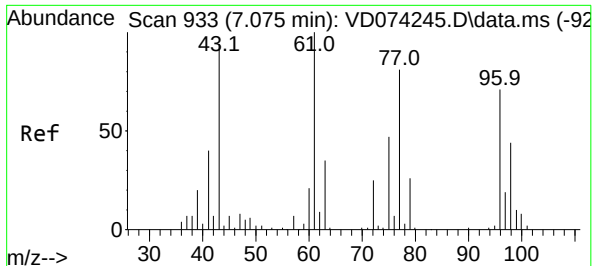
Tgt Ion: 77 Resp: 41596

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.871 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 96 Resp: 3035

Ion Ratio Lower Upper

96 100

61 149.2 0.0 289.4

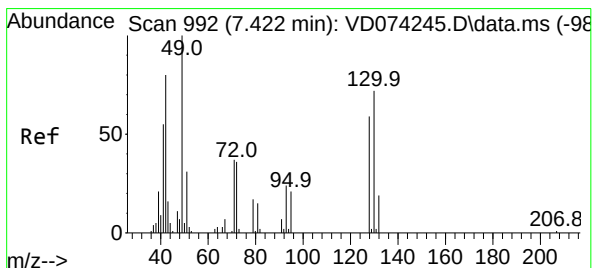
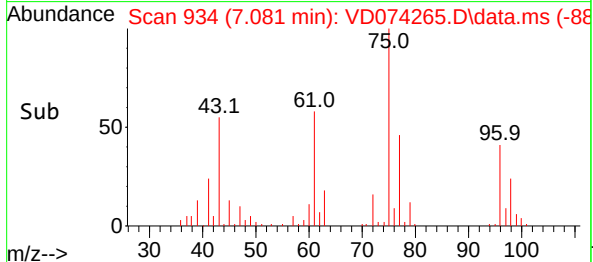
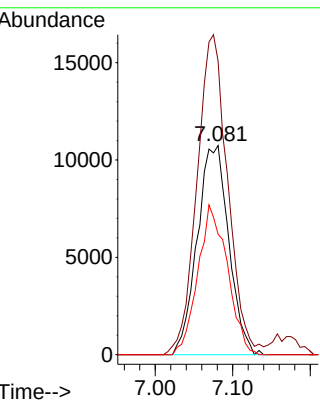
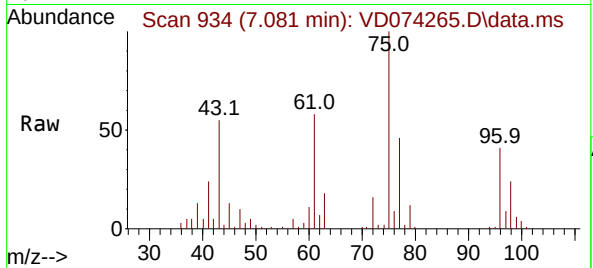
98 67.0 0.0 130.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#28

Bromochloromethane

Concen: 17.434 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

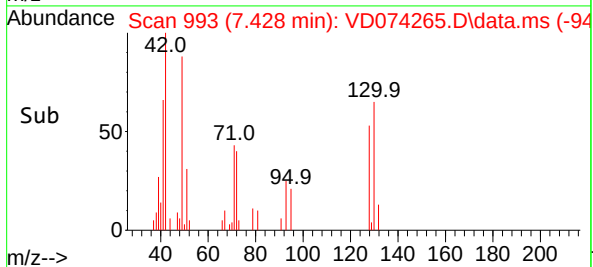
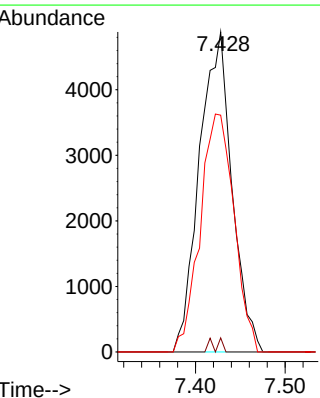
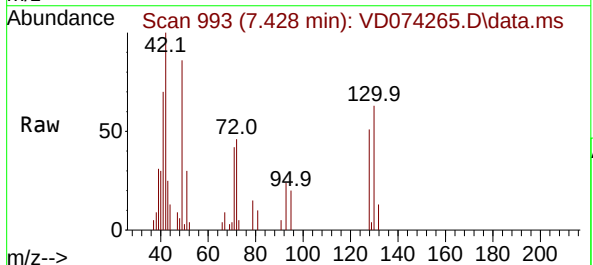
Tgt Ion: 49 Resp: 12292

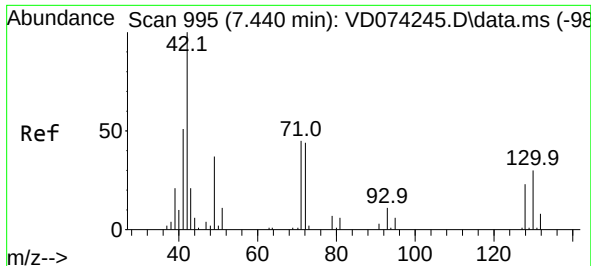
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.6

130 77.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 106.580 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

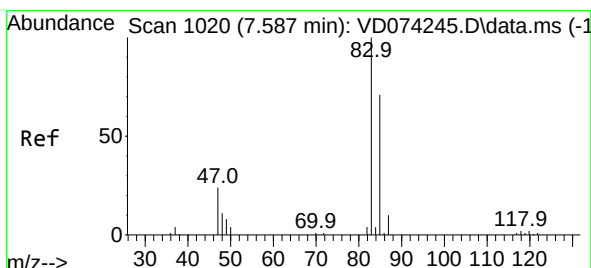
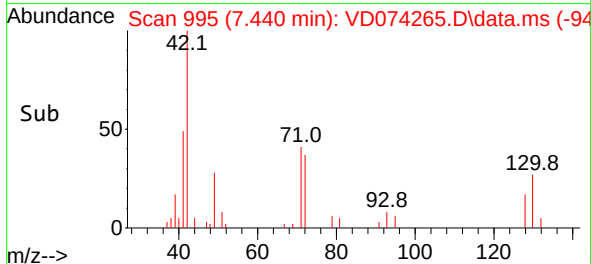
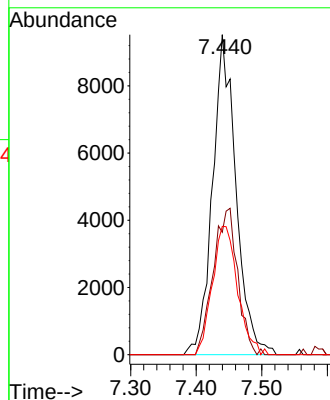
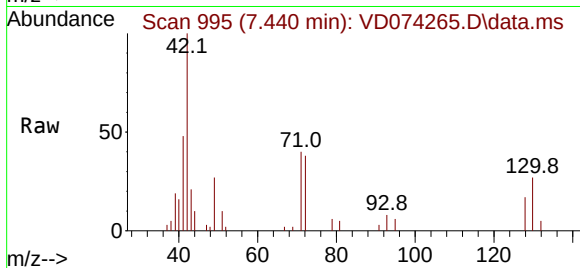
Tgt Ion: 42 Resp: 23649
 Ion Ratio Lower Upper
 42 100
 72 47.7 36.1 54.1
 71 43.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 21.719 ug/l

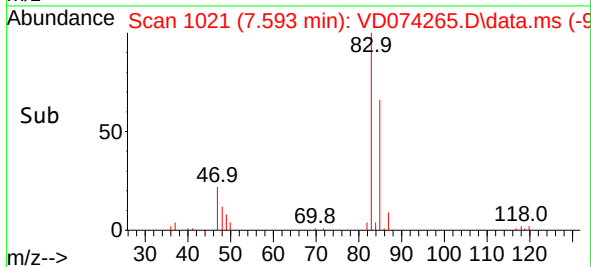
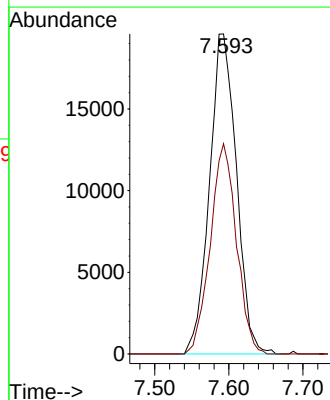
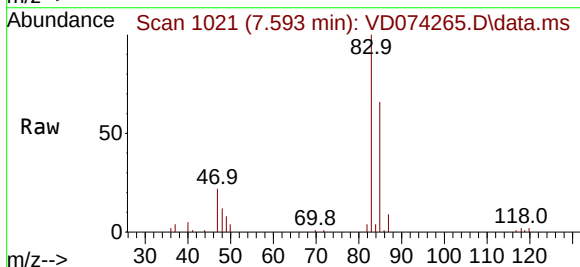
RT: 7.593 min Scan# 1021

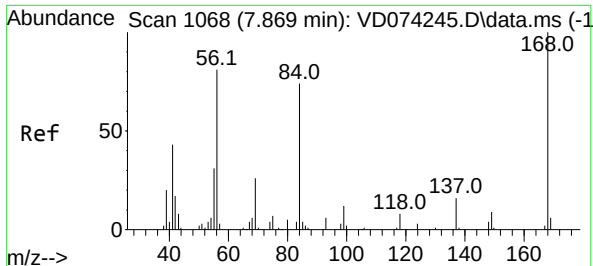
Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion: 83 Resp: 49490
 Ion Ratio Lower Upper
 83 100
 85 65.7 56.7 85.1





#31

Cyclohexane

Concen: 20.846 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074265.D

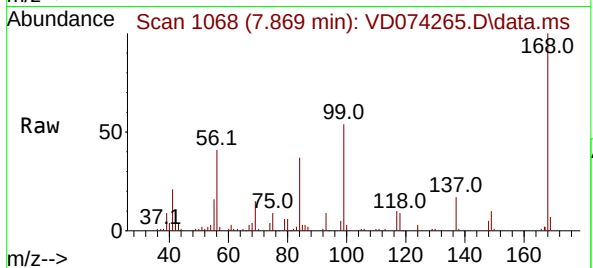
Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01



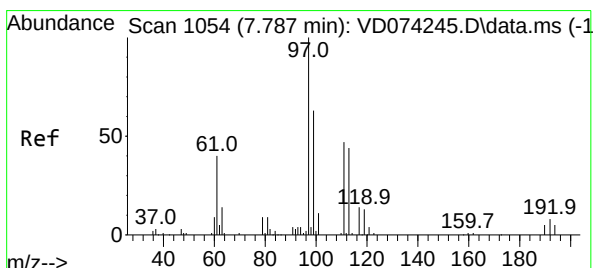
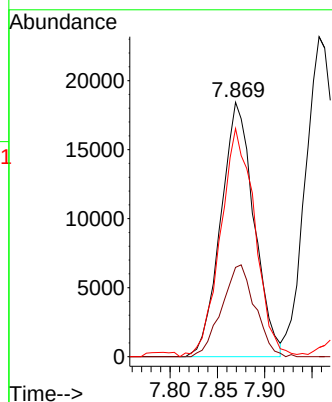
Tgt Ion:	56	69	84
Resp:	4504		
Ion Ratio	100	35.1	89.7
Lower		25.7	73.9
Upper		38.5	110.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#32

1,1,1-Trichloroethane

Concen: 21.741 ug/l

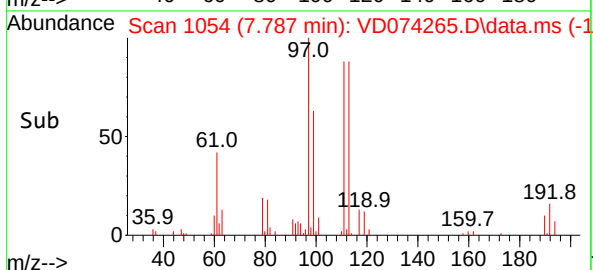
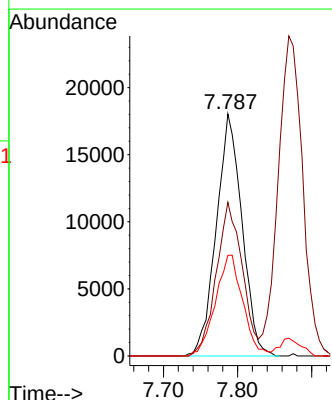
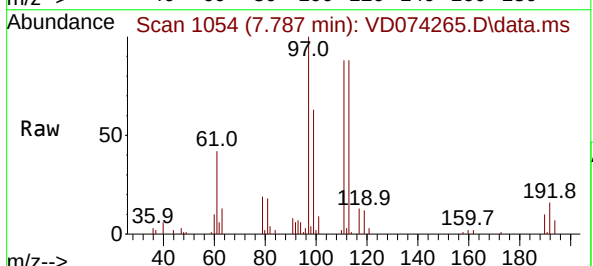
RT: 7.787 min Scan# 1054

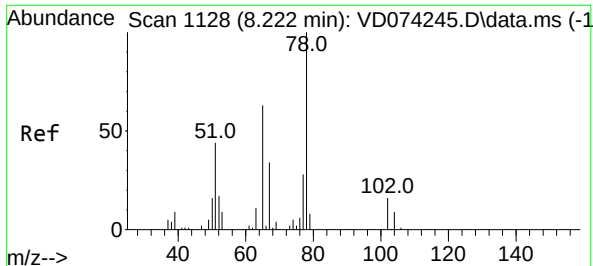
Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:	97	99	61
Resp:	43467		
Ion Ratio	100	64.2	44.5
Lower		51.2	33.8
Upper		76.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 53.690 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 65 Resp: 5613

Ion Ratio Lower Upper

65 100

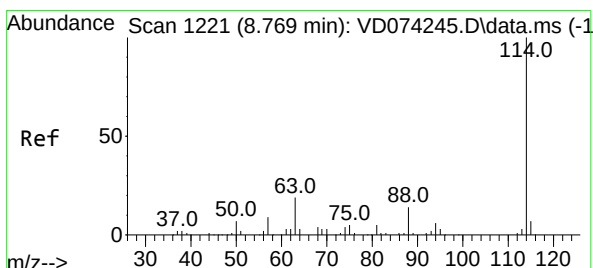
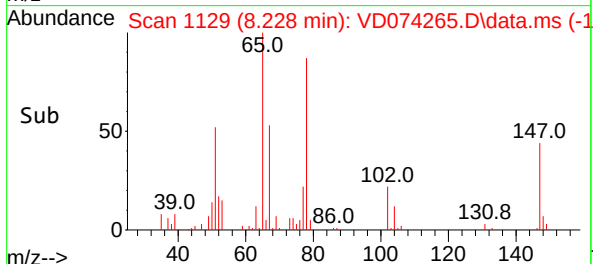
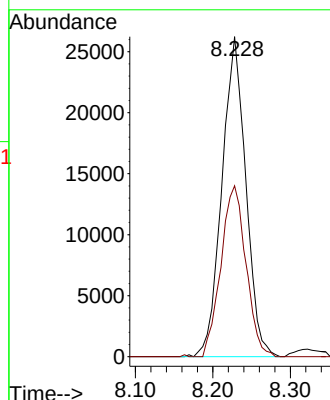
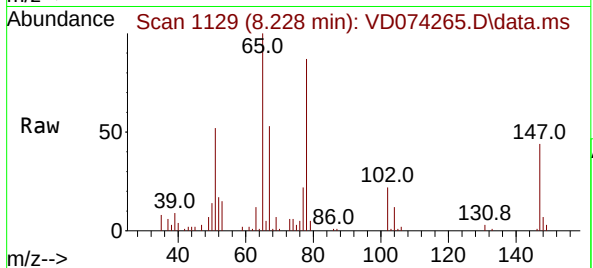
67 56.1 0.0 110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

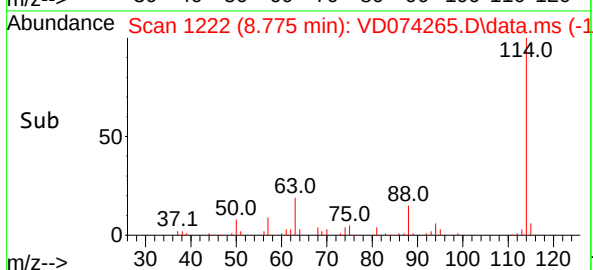
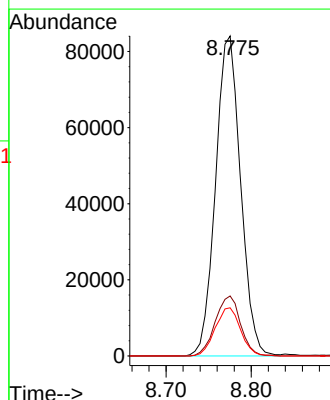
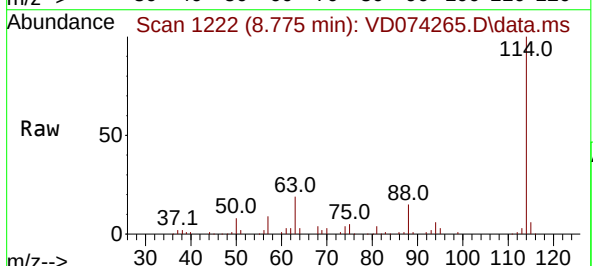
Tgt Ion:114 Resp: 171706

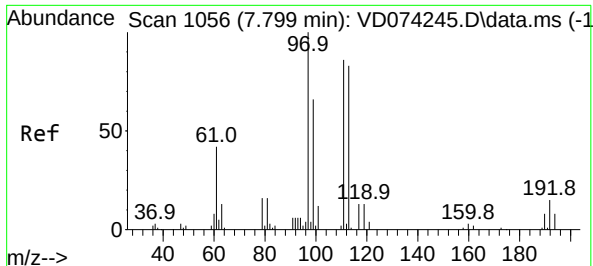
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 15.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 51.239 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

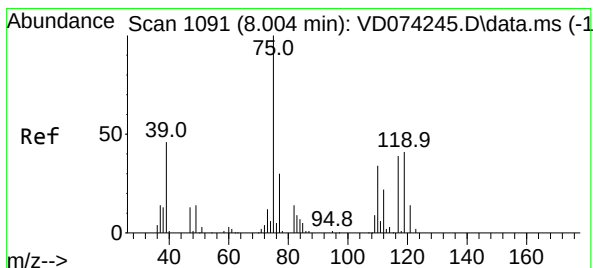
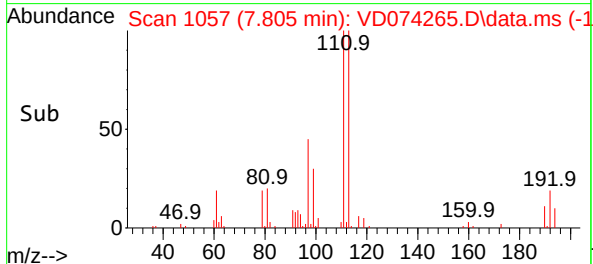
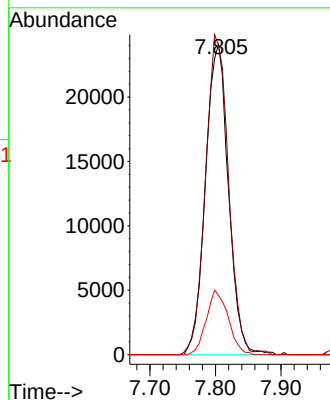
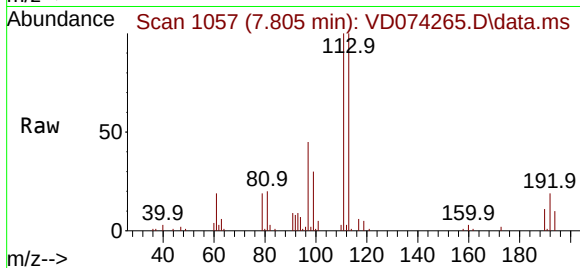
Tgt Ion:	113	Resp:	5878
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.0	124.6
192	19.7	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 21.322 ug/l

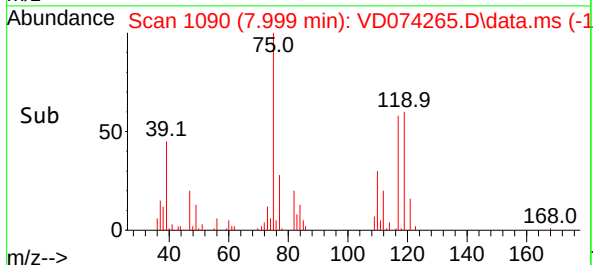
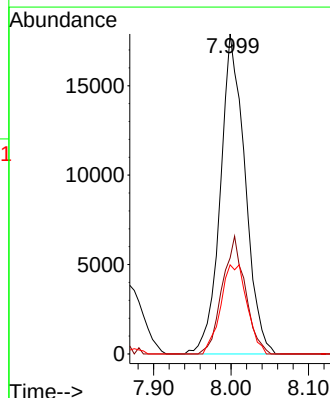
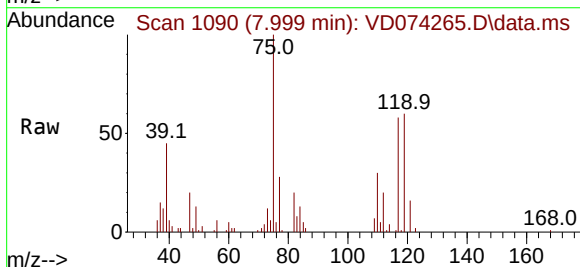
RT: 7.999 min Scan# 1090

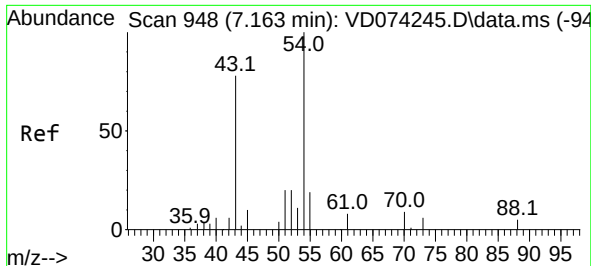
Delta R.T. -0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:	75	Resp:	39627
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.5
77	29.8	24.8	37.2





#37

Ethyl Acetate

Concen: 21.453 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 43 Resp: 17290

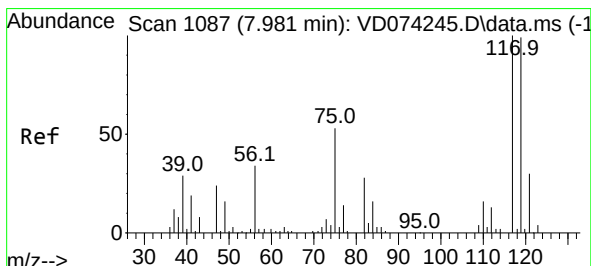
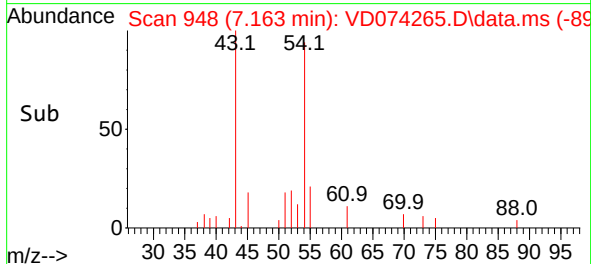
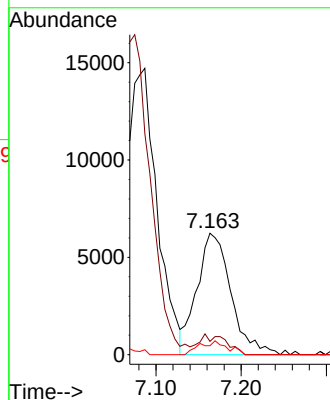
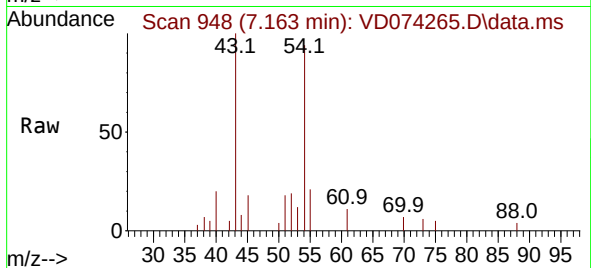
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1
70	9.2	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#38

Carbon Tetrachloride

Concen: 21.319 ug/l

RT: 7.987 min Scan# 1088

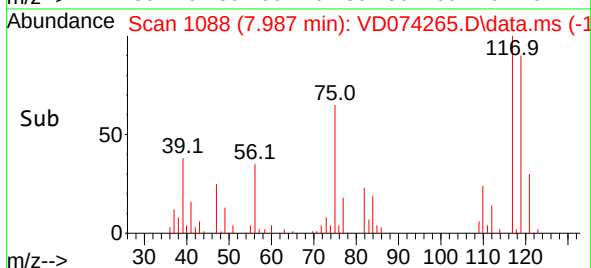
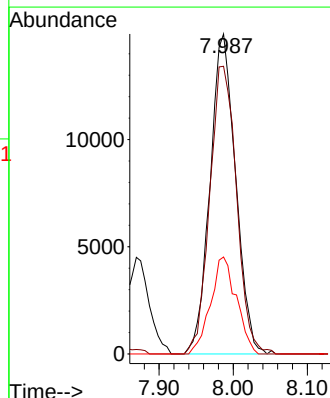
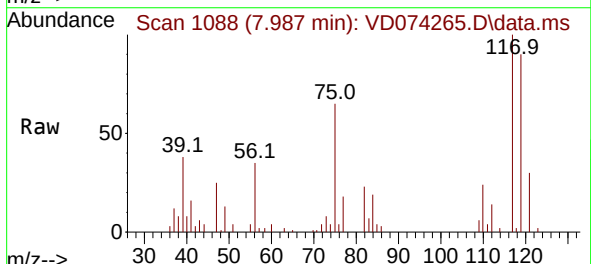
Delta R.T. 0.006 min

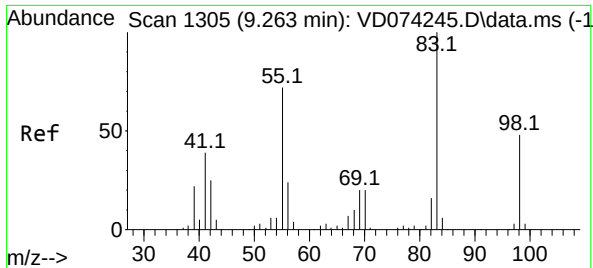
Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:117 Resp: 35848

Ion	Ratio	Lower	Upper
117	100		
119	89.9	78.8	118.2
121	30.3	23.9	35.9





#39

Methylcyclohexane

Concen: 20.804 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBSD01

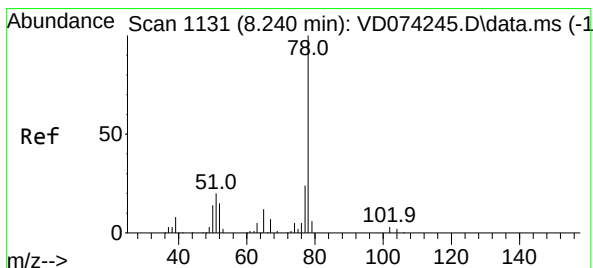
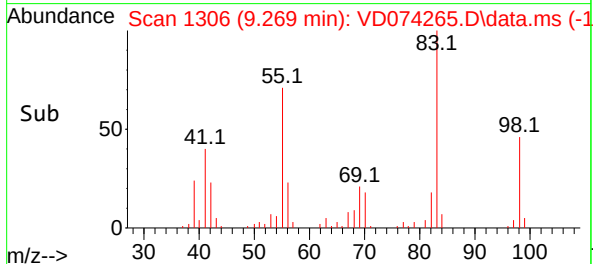
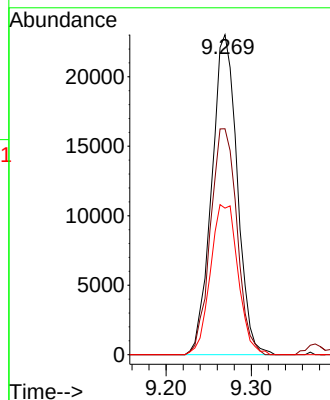
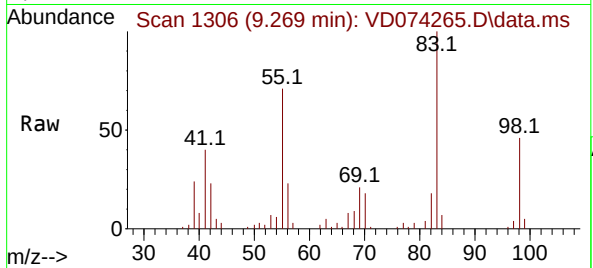
Tgt Ion:	83	Resp:	47862
Ion Ratio	Lower	Upper	
83	100		
55	70.6	57.2	85.8
98	45.8	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 21.168 ug/l

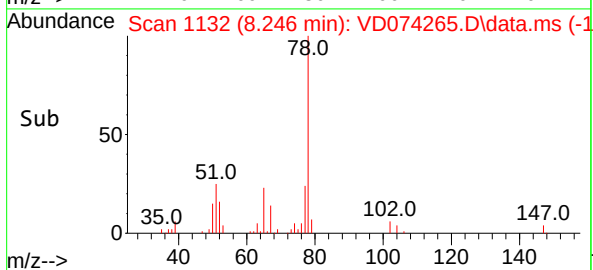
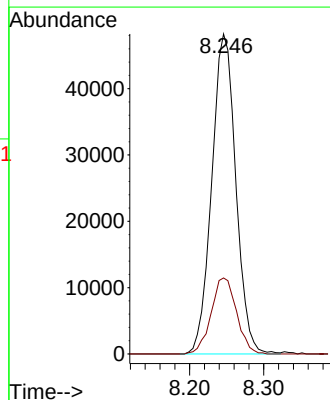
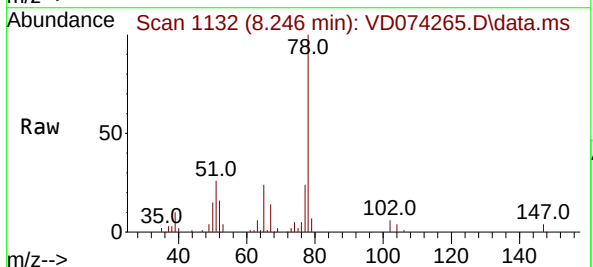
RT: 8.246 min Scan# 1132

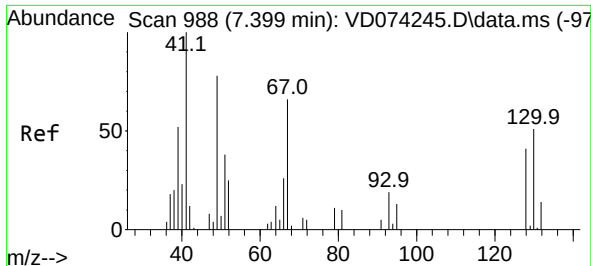
Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

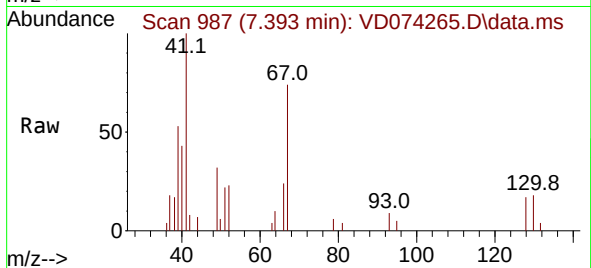
Tgt Ion:	78	Resp:	108873
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.4	29.2





#41
Methacrylonitrile
Concen: 19.285 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

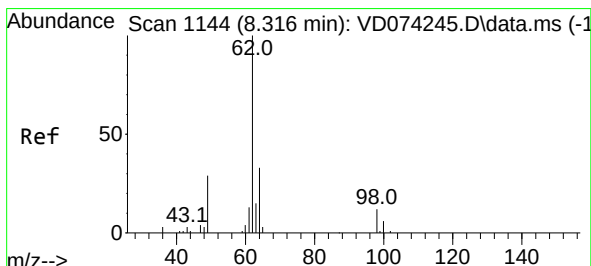
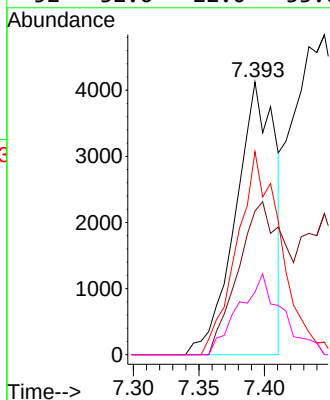
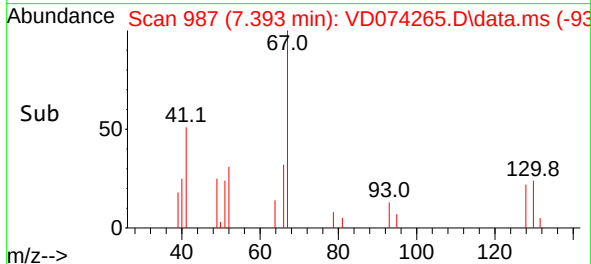
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



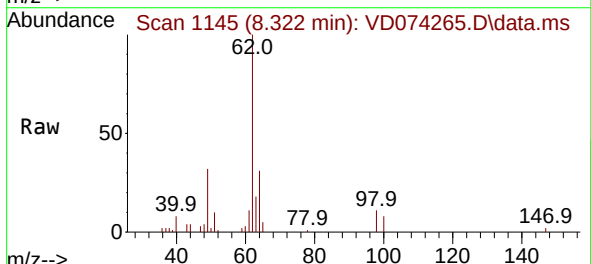
Tgt Ion: 41 Resp: 865
Ion Ratio Lower Upper
41 100
39 66.8 39.8 59.6
67 82.9 56.1 84.1
52 32.6 22.0 33.0

Manual Integrations
APPROVED

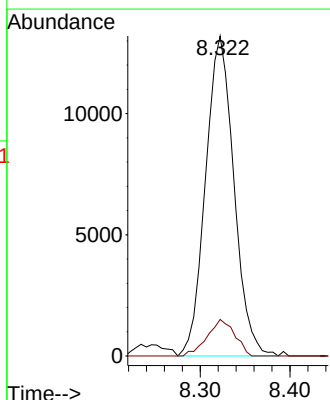
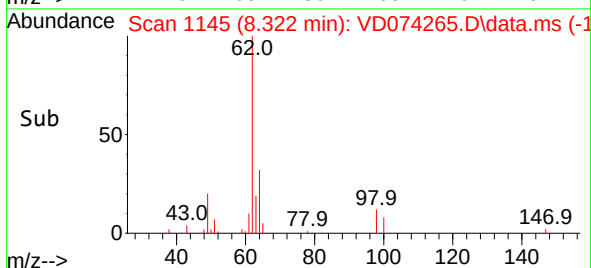
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

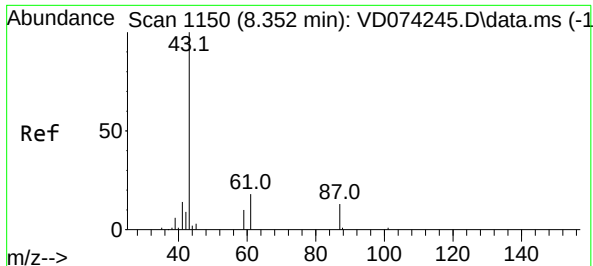


#42
1,2-Dichloroethane
Concen: 21.330 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



Tgt Ion: 62 Resp: 28993
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4





#43

Isopropyl Acetate

Concen: 20.516 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

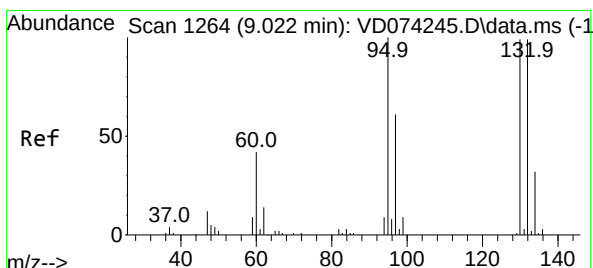
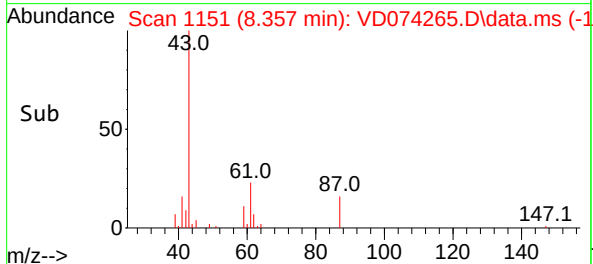
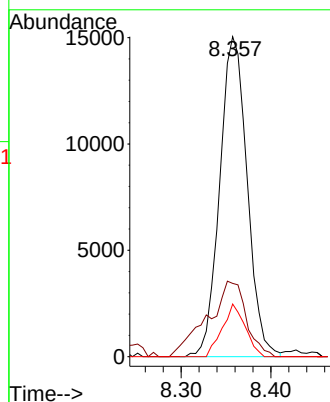
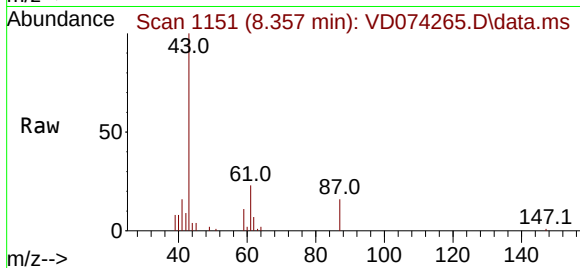
Tgt Ion: 43	Resp: 31938
Ion Ratio	Lower Upper
43 100	
61 33.2	24.5 36.7
87 13.7	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#44

Trichloroethene

Concen: 21.110 ug/l

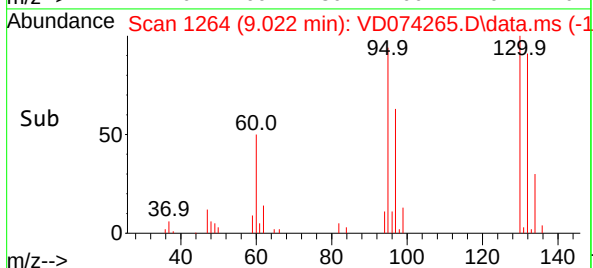
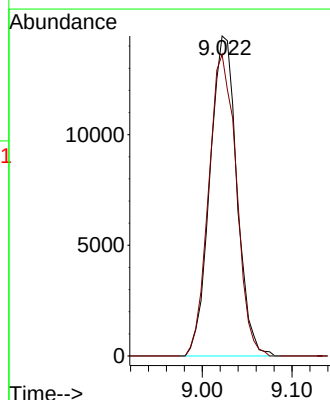
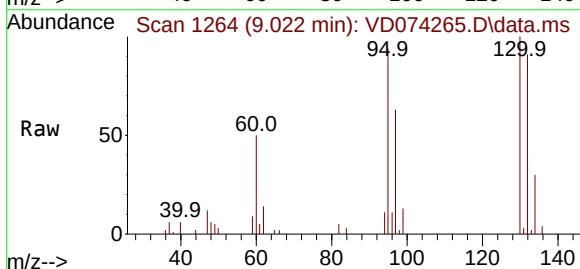
RT: 9.022 min Scan# 1264

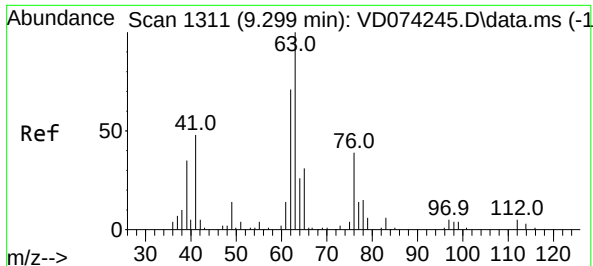
Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:130	Resp: 30138
Ion Ratio	Lower Upper
130 100	
95 94.2	0.0 202.2





#45

1,2-Dichloropropane

Concen: 20.787 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBSD01

Tgt Ion: 63 Resp: 2778

Ion Ratio Lower Upper

63 100

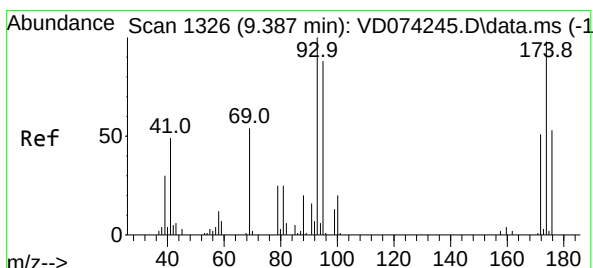
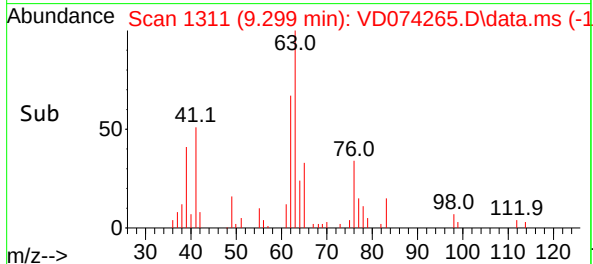
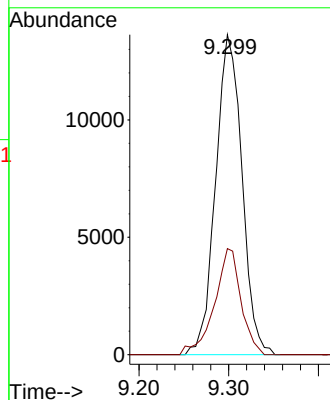
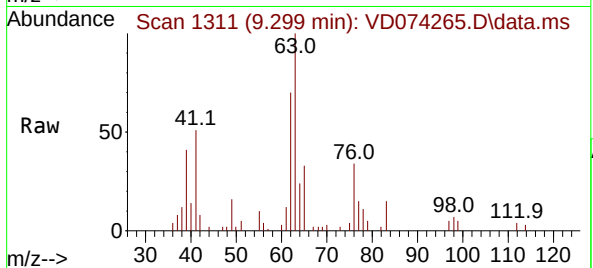
65 33.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 21.613 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

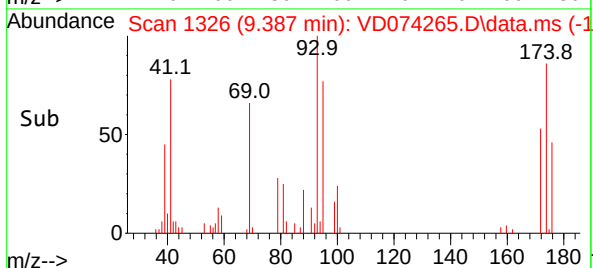
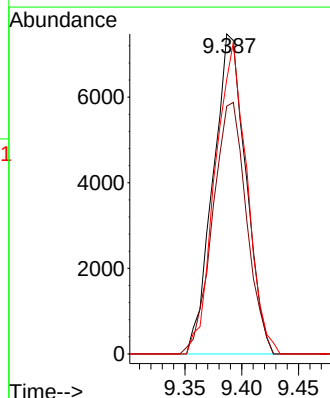
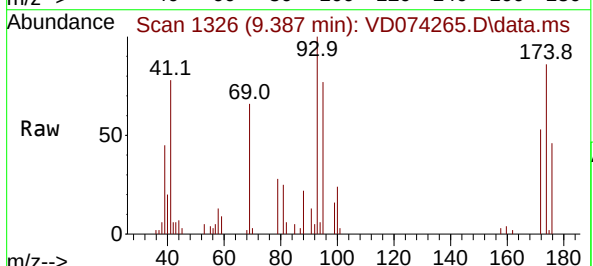
Tgt Ion: 93 Resp: 15000

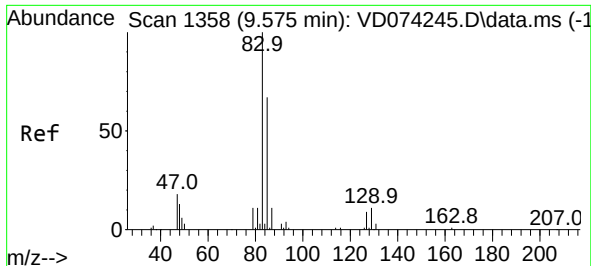
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 94.6 79.6 119.4





#47

Bromodichloromethane

Concen: 21.167 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

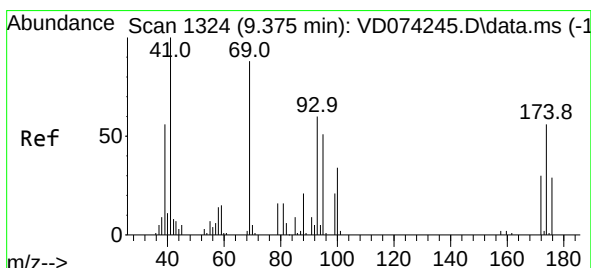
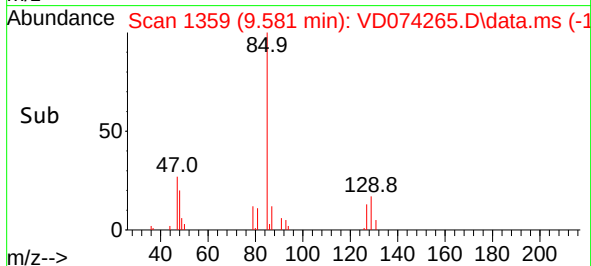
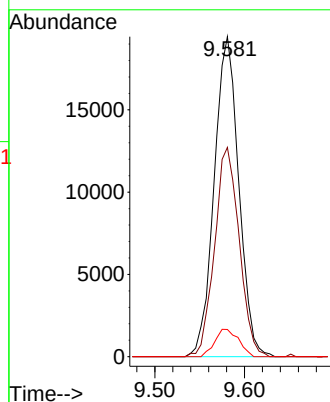
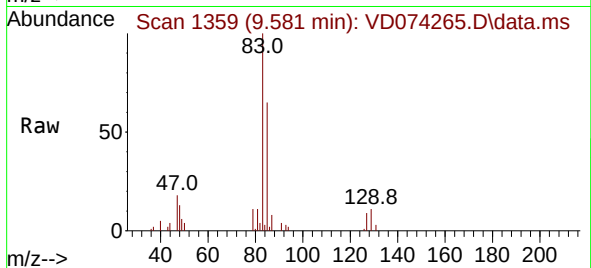
Tgt Ion:	83	Resp:	3696
Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.4	80.2
127	8.5	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#48

Methyl methacrylate

Concen: 21.505 ug/l

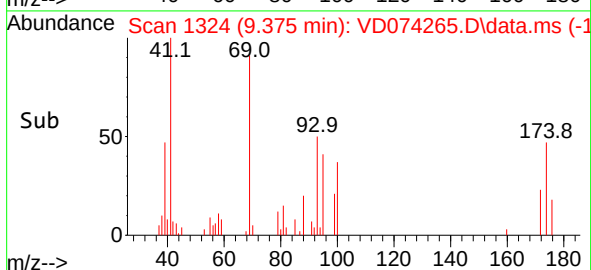
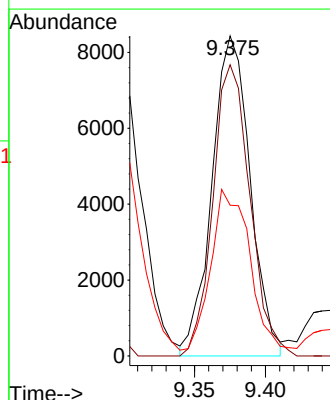
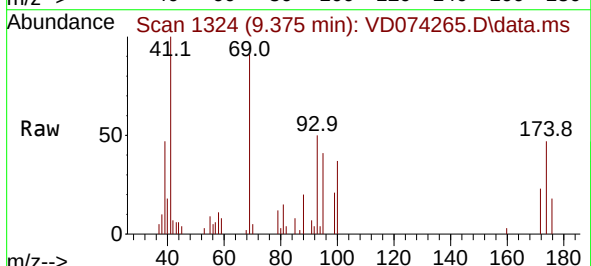
RT: 9.375 min Scan# 1324

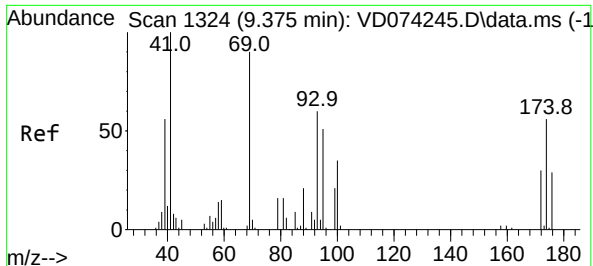
Delta R.T. 0.000 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:	41	Resp:	15812
Ion	Ratio	Lower	Upper
41	100		
69	88.1	72.7	109.1
39	51.5	41.6	62.4





#49

1,4-Dioxane

Concen: 454.329 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 88 Resp: 3734

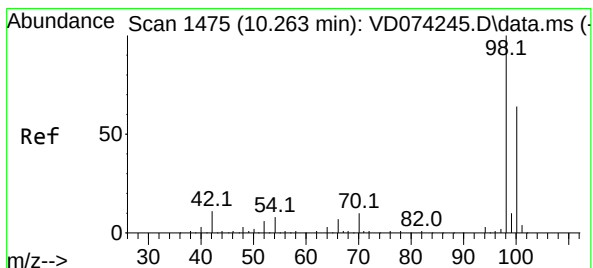
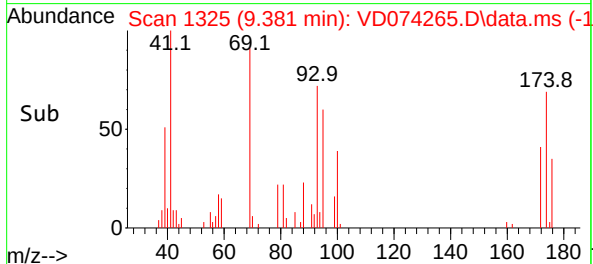
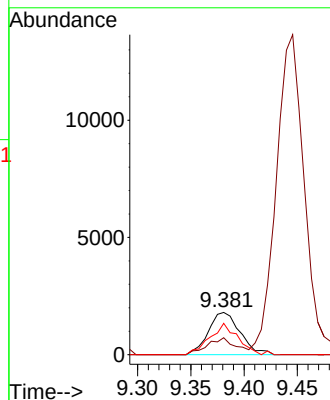
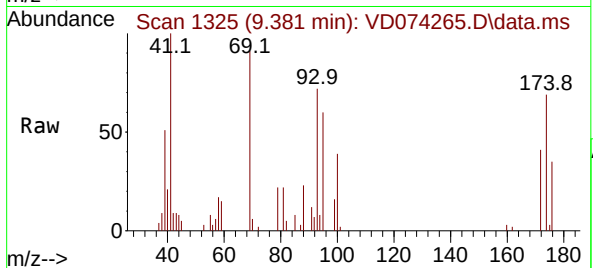
Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.0	40.4
58	66.2	54.2	81.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 54.109 ug/l

RT: 10.263 min Scan# 1475

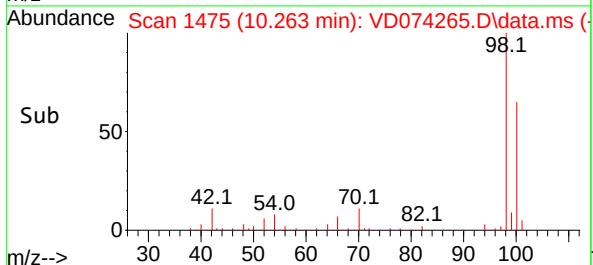
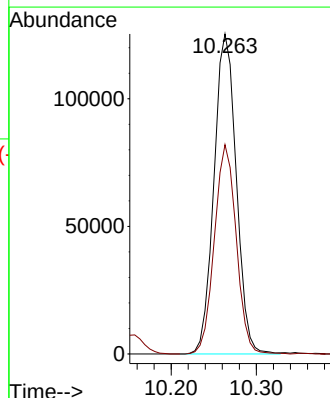
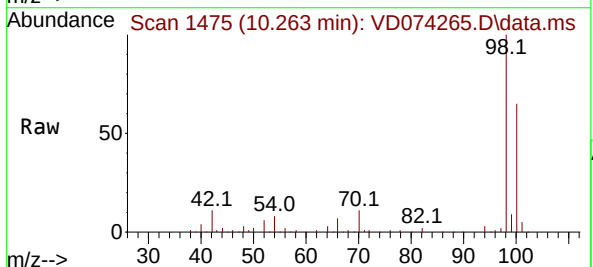
Delta R.T. 0.000 min

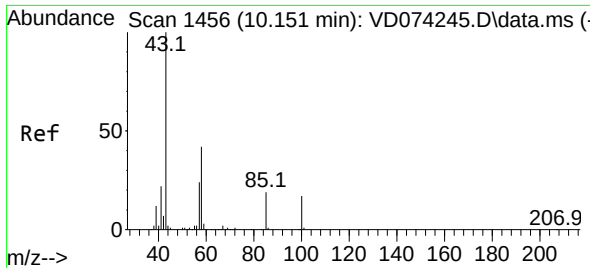
Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion: 98 Resp: 227745

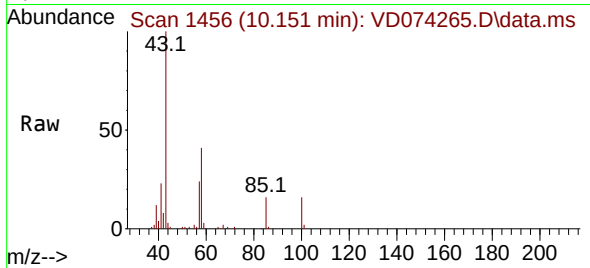
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.8	77.8





#51
4-Methyl-2-Pentanone
Concen: 106.215 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

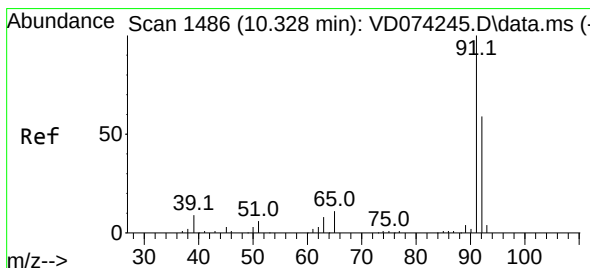
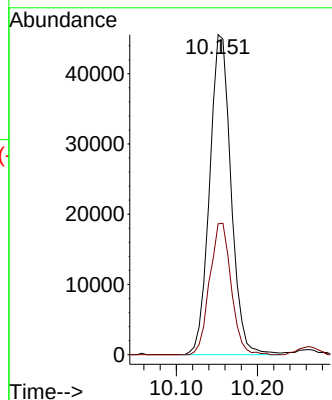
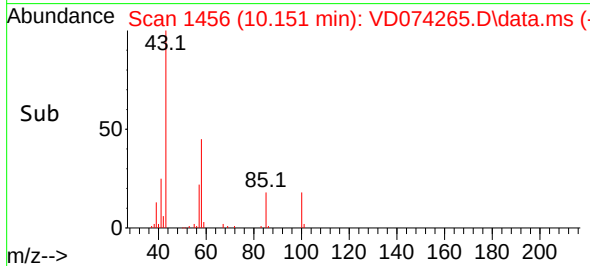
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



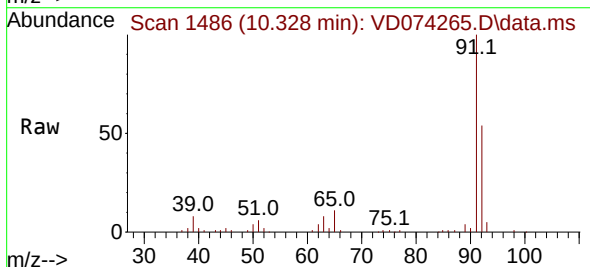
Tgt Ion: 43 Resp: 8357
Ion Ratio Lower Upper
43 100
58 41.2 33.3 49.9

Manual Integrations
APPROVED

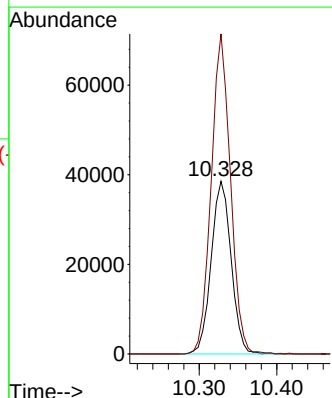
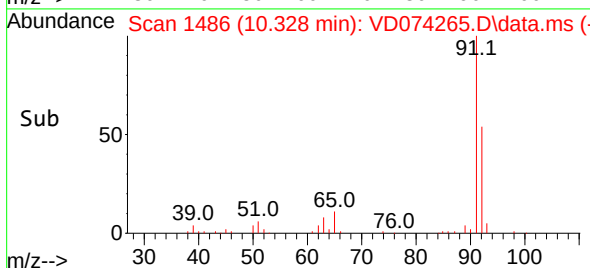
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

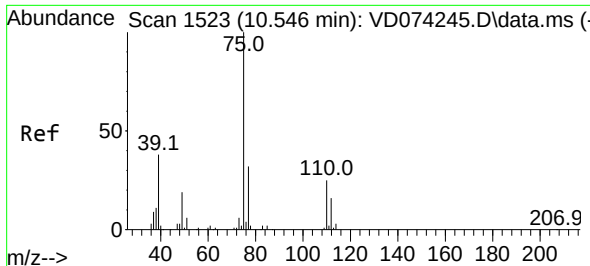


#52
Toluene
Concen: 20.907 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



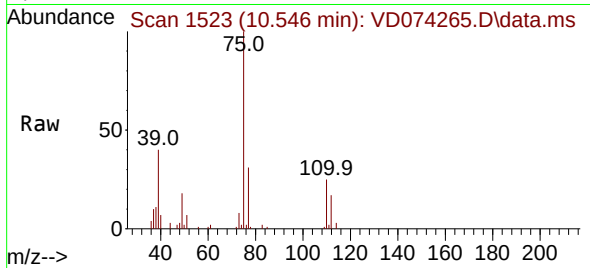
Tgt Ion: 92 Resp: 68974
Ion Ratio Lower Upper
92 100
91 178.9 139.3 208.9





#53
t-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 10.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

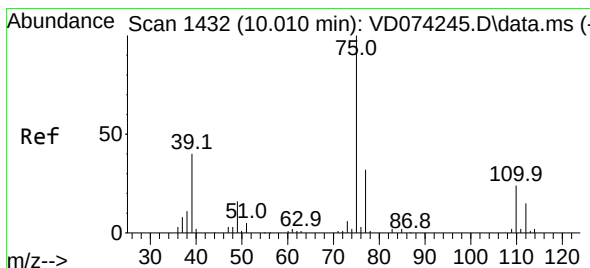
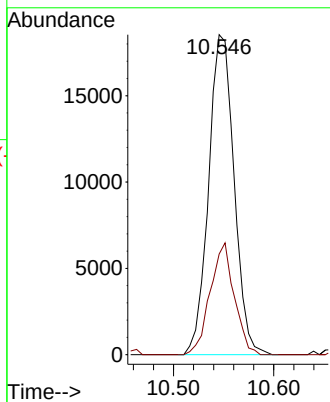
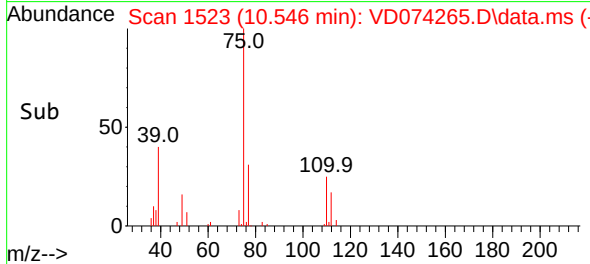
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



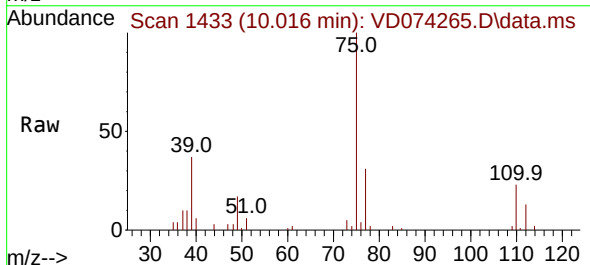
Tgt Ion: 75 Resp: 32684
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
APPROVED

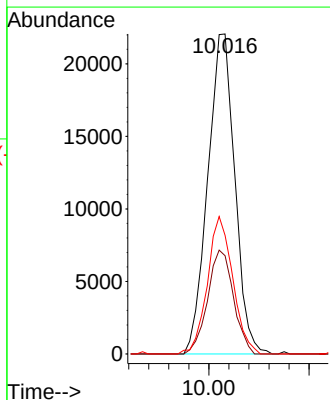
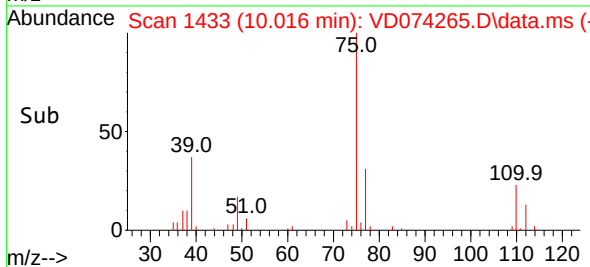
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

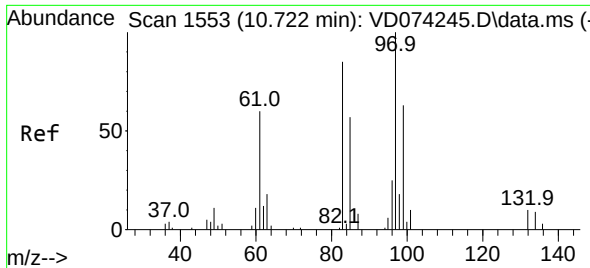


#54
cis-1,3-Dichloropropene
Concen: 20.367 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



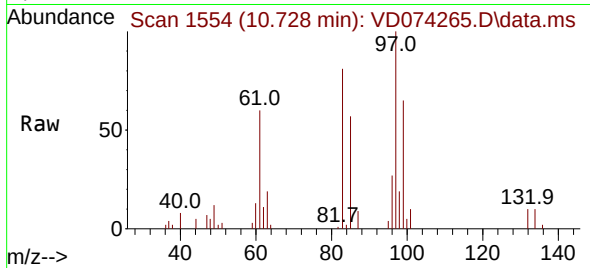
Tgt Ion: 75 Resp: 41303
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 37.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.605 ug/l
RT: 10.728 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

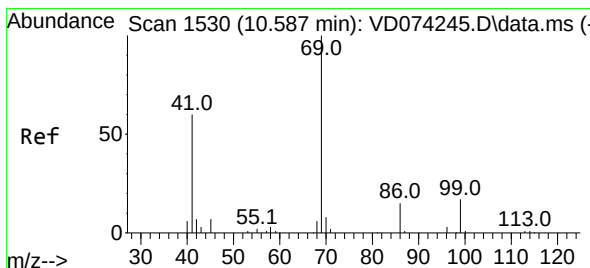
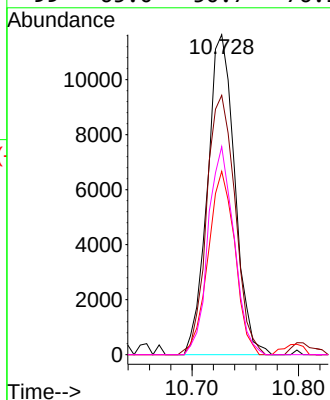
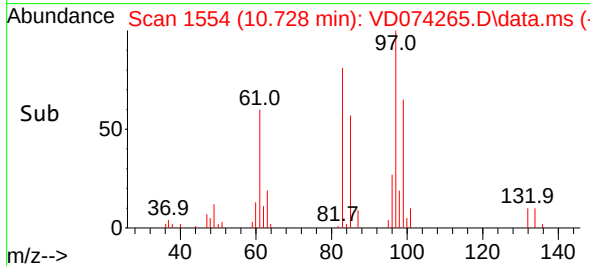
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



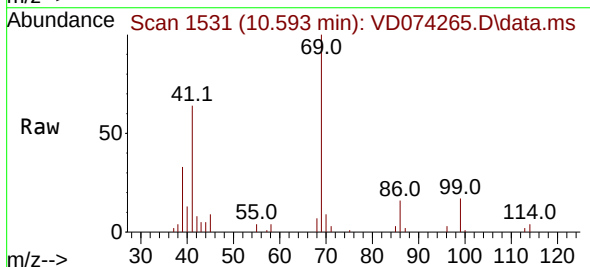
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.0	102.0
85	57.3	45.8	68.8
99	65.0	50.7	76.1

Manual Integrations
APPROVED

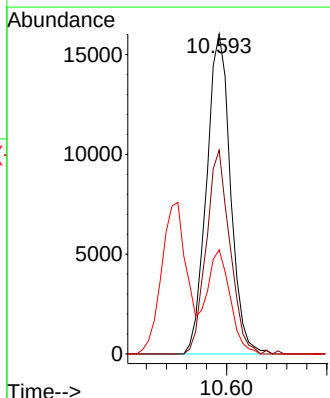
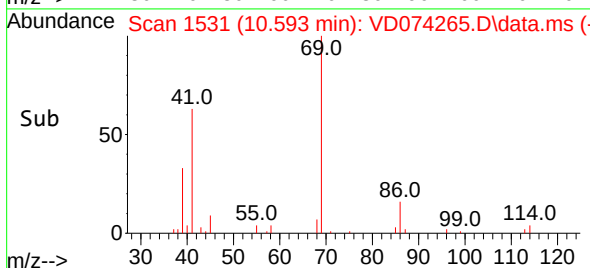
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

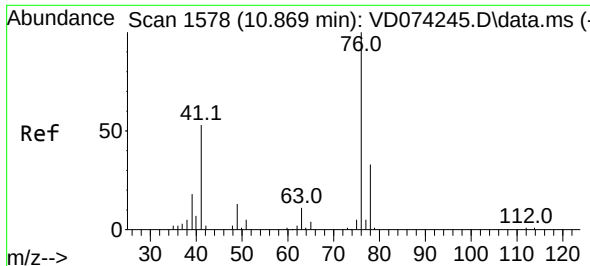


#56
Ethyl methacrylate
Concen: 20.856 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	49.4	74.2
39	32.2	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.691 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

Tgt Ion: 76 Resp: 3503

Ion Ratio Lower Upper

76 100

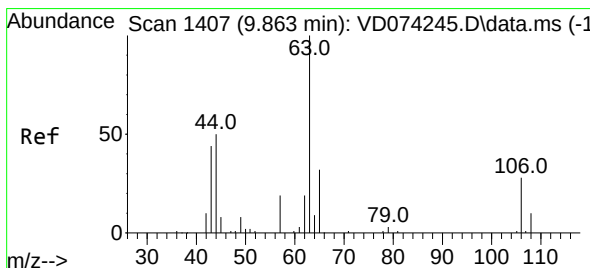
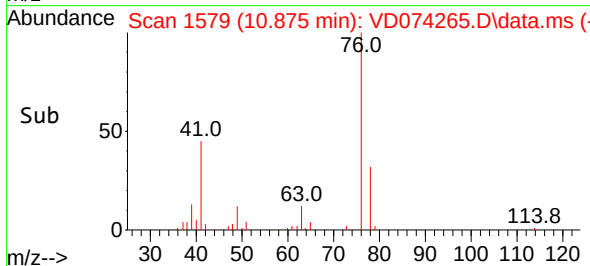
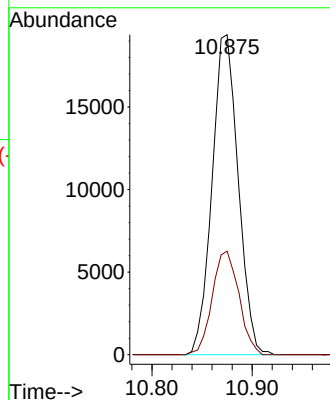
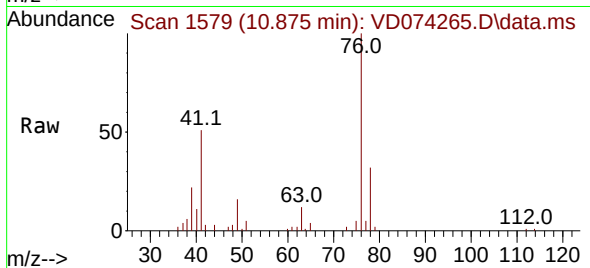
78 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 112.911 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074265.D

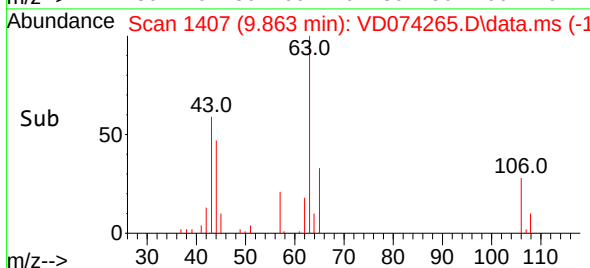
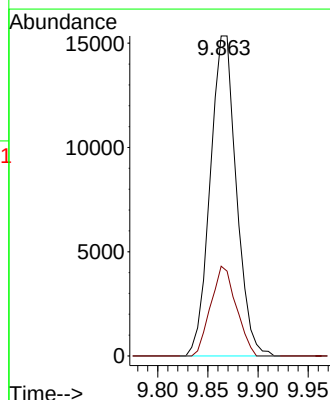
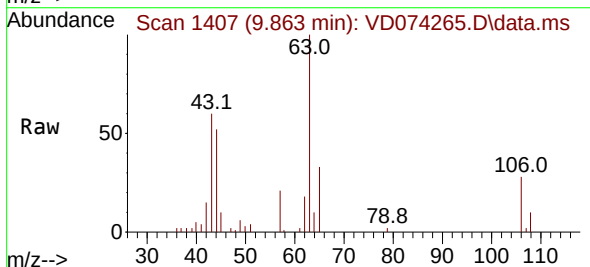
Acq: 13 Sep 2022 14:49

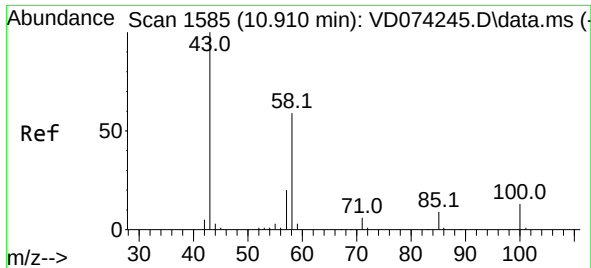
Tgt Ion: 63 Resp: 27794

Ion Ratio Lower Upper

63 100

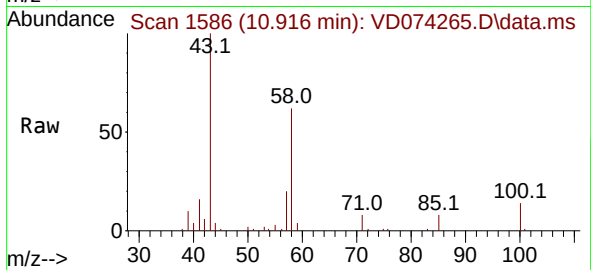
106 27.3 21.9 32.9





#59
2-Hexanone
Concen: 107.362 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

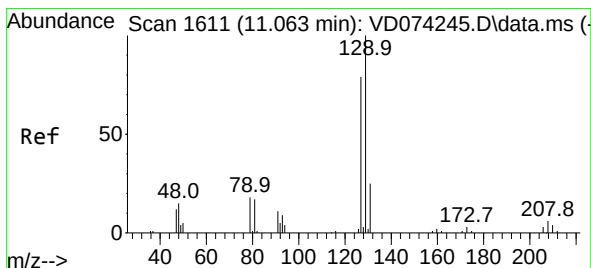
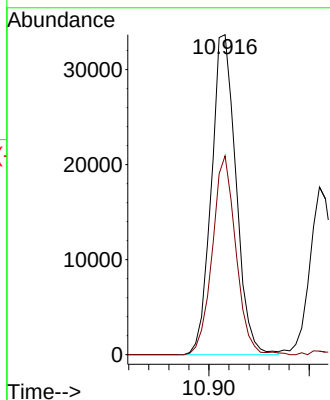
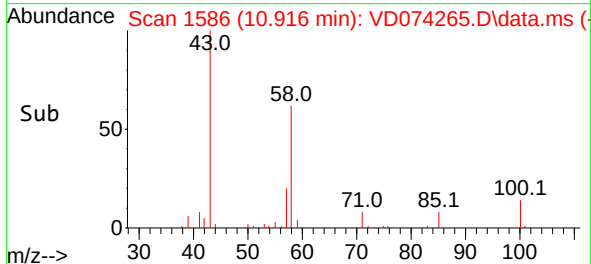
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion: 43 Resp: 5736
Ion Ratio Lower Upper
43 100
58 59.4 28.6 85.8

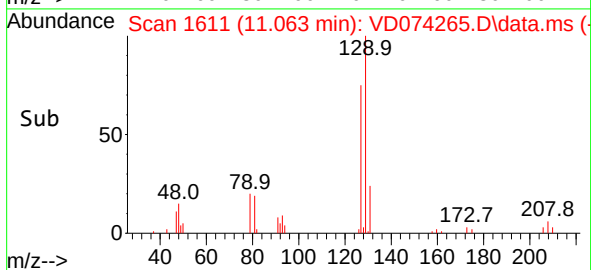
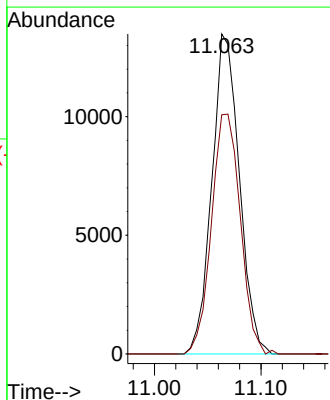
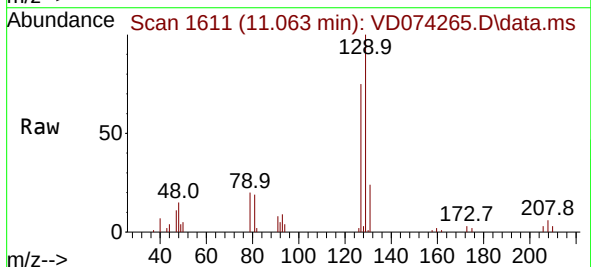
Manual Integrations
APPROVED

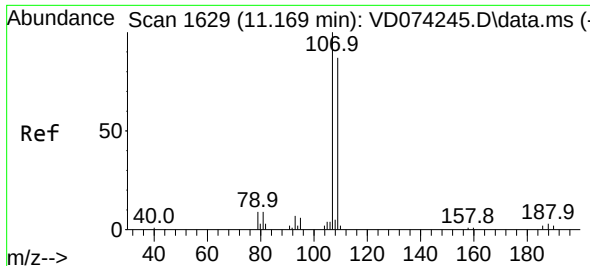
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 20.696 ug/l
RT: 11.063 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

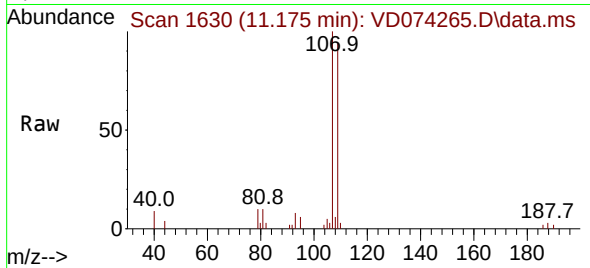
Tgt Ion:129 Resp: 24180
Ion Ratio Lower Upper
129 100
127 78.5 39.0 116.9





#61
1,2-Dibromoethane
Concen: 21.762 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

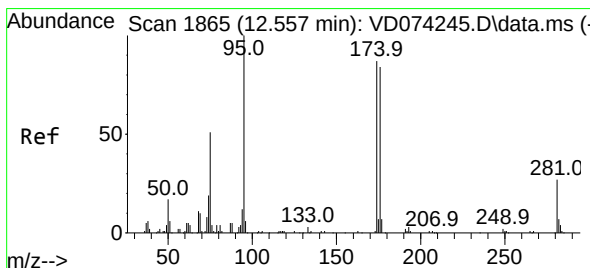
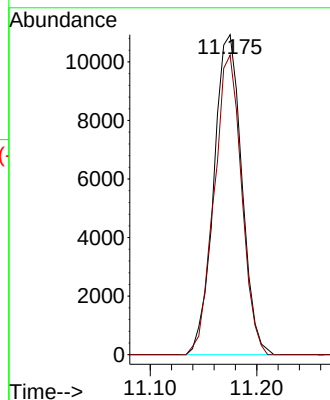
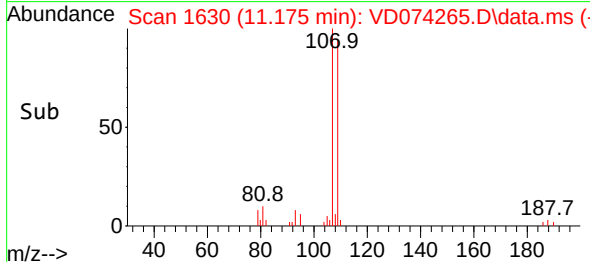
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



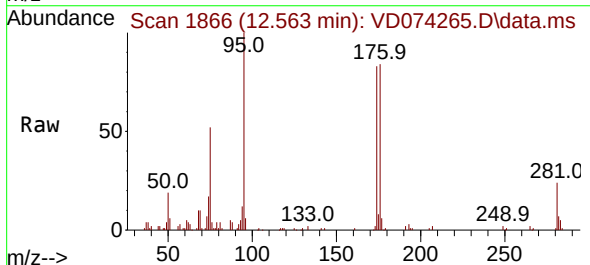
Tgt Ion:107 Resp: 19872
Ion Ratio Lower Upper
107 100
109 91.9 73.7 110.5

Manual Integrations
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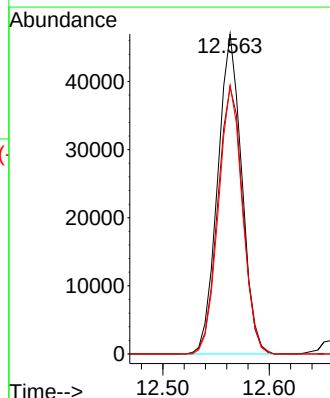
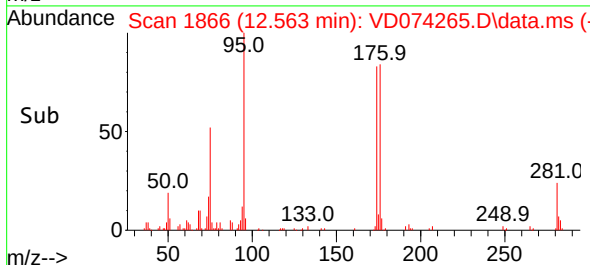
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

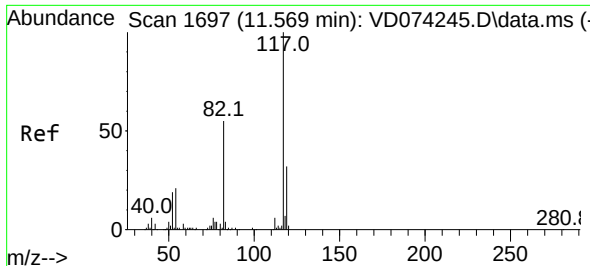


#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



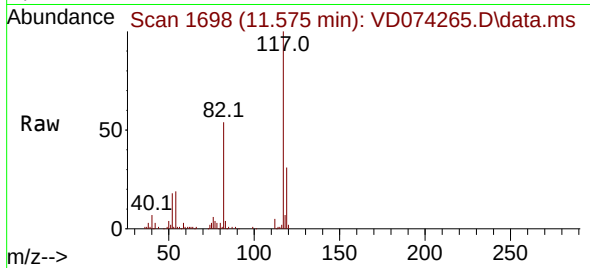
Tgt Ion: 95 Resp: 73438
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.2
176 83.5 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

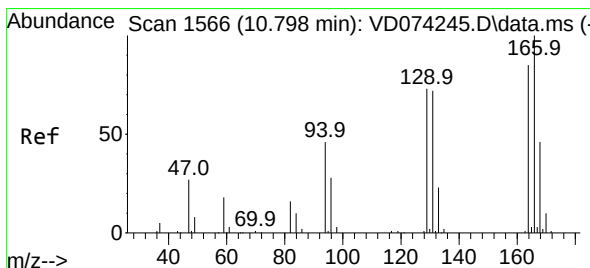
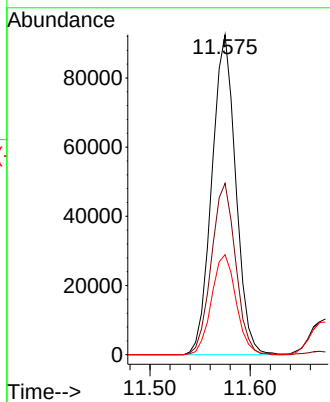
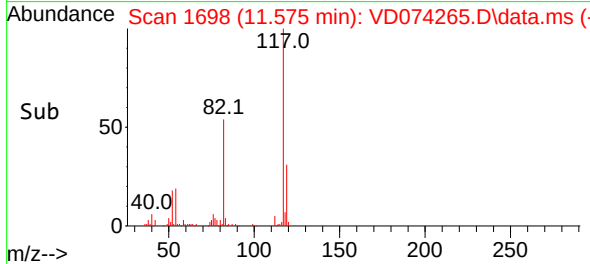
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



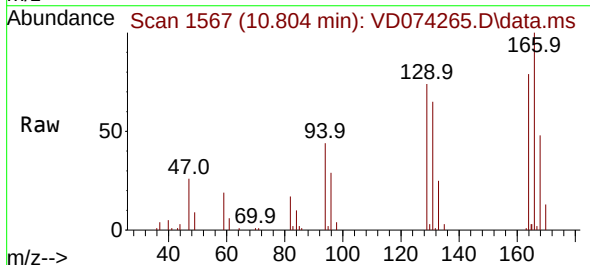
Tgt Ion:117 Resp: 152984
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 31.3 25.4 38.0

Manual Integrations
APPROVED

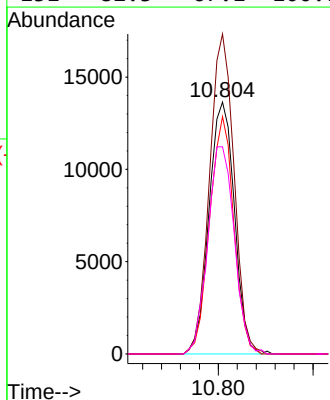
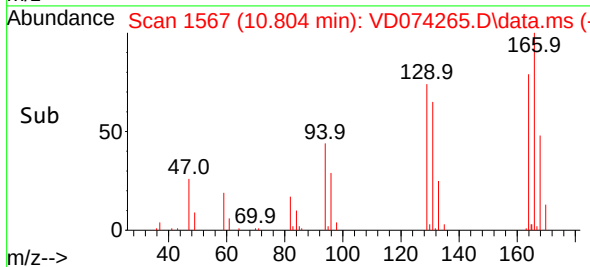
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

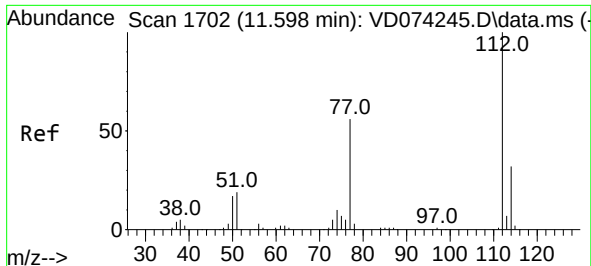


#64
Tetrachloroethene
Concen: 21.767 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



Tgt Ion:164 Resp: 25461
Ion Ratio Lower Upper
164 100
166 127.0 93.8 140.8
129 94.2 68.3 102.5
131 82.3 67.1 100.7





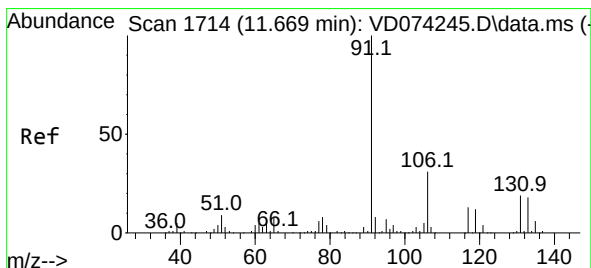
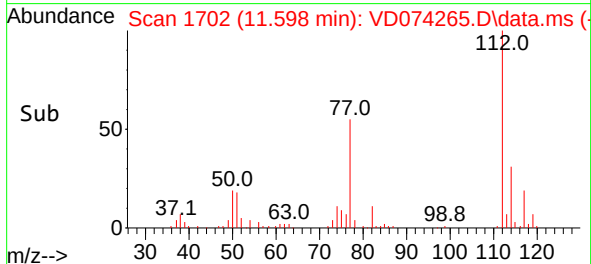
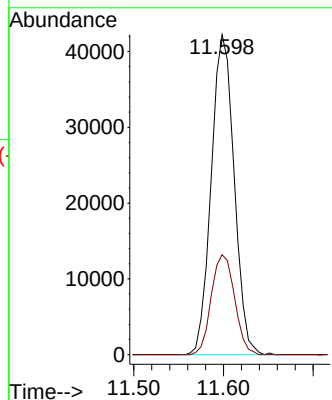
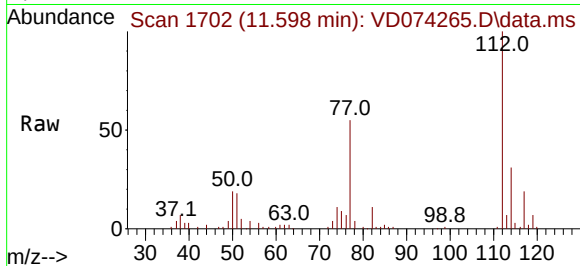
#65
Chlorobenzene
Concen: 21.741 ug/l
RT: 11.598 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion:112 Resp: 7477
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3

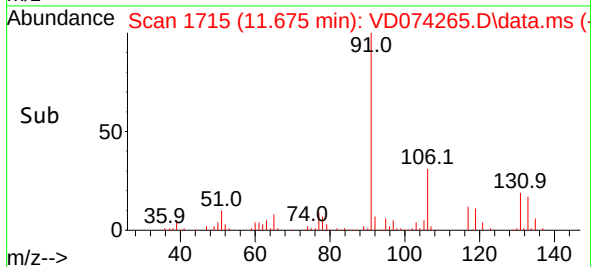
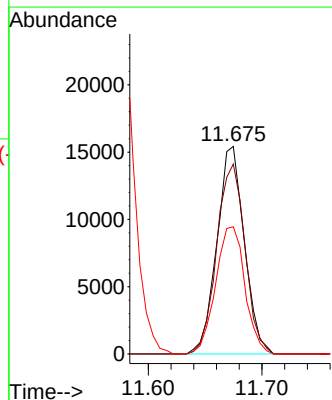
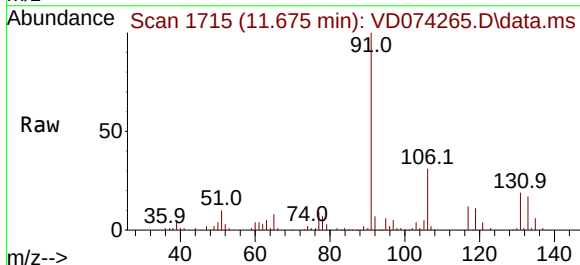
Manual Integrations
APPROVED

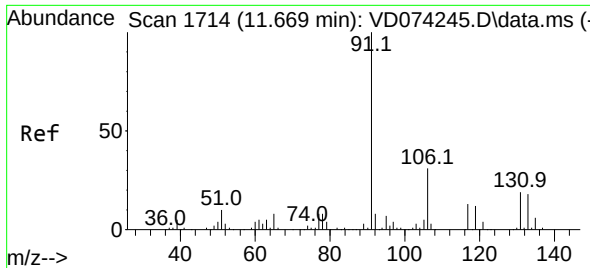
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.984 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:131 Resp: 25847
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.3 33.1 99.5





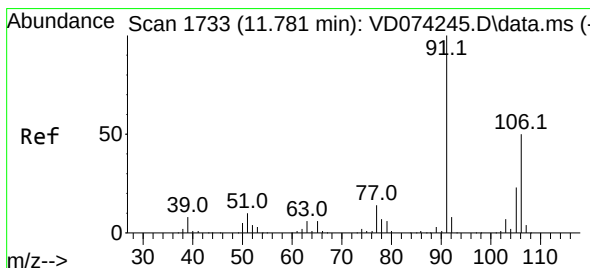
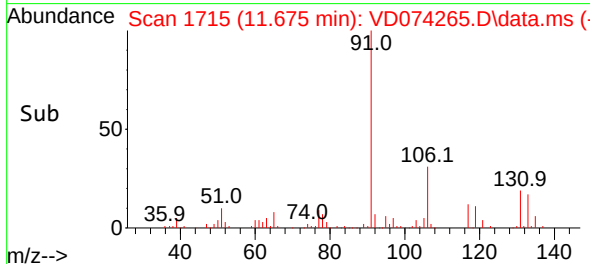
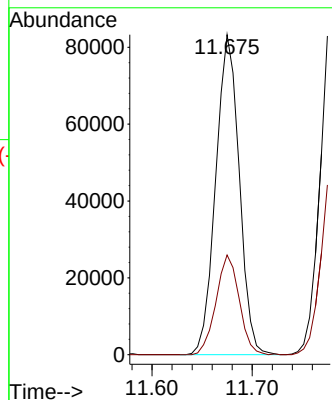
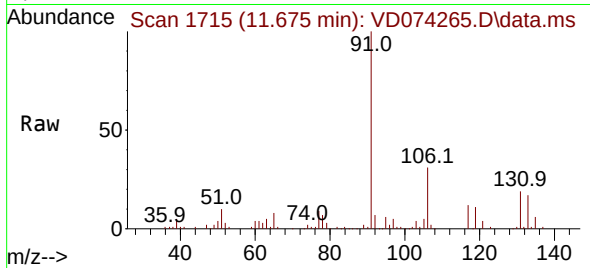
#67
Ethyl Benzene
Concen: 21.090 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion: 91 Resp: 135488
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2

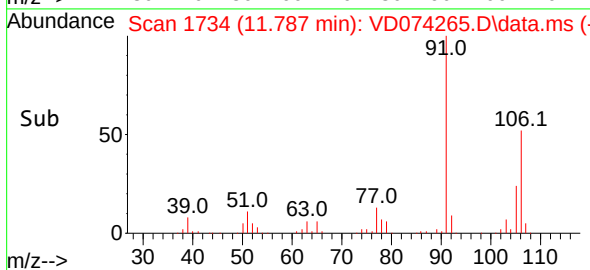
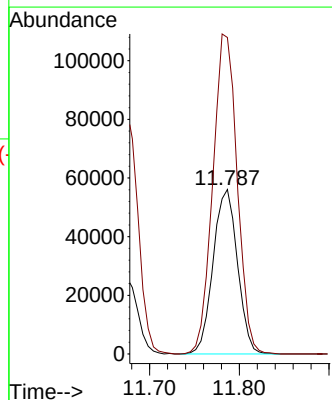
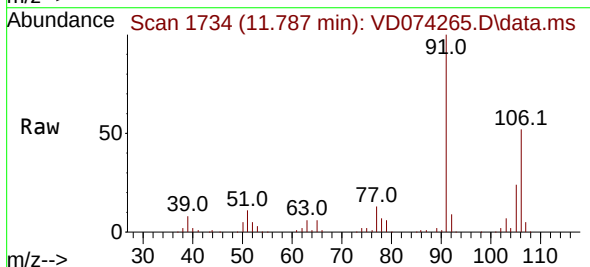
Manual Integrations
APPROVED

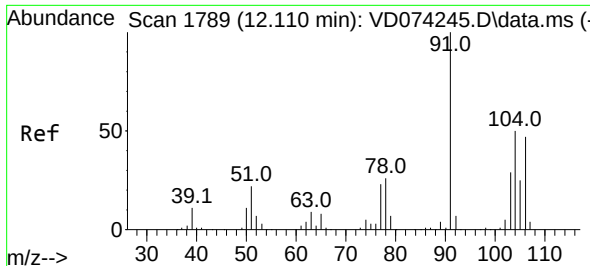
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#68
m/p-Xylenes
Concen: 43.319 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:106 Resp: 105622
Ion Ratio Lower Upper
106 100
91 194.9 158.6 237.8





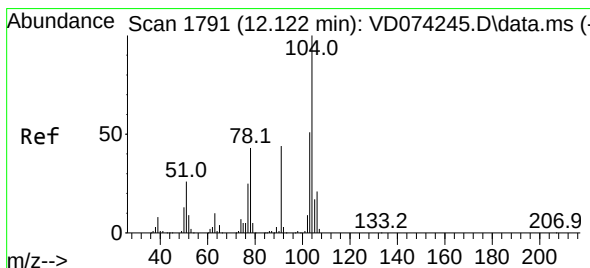
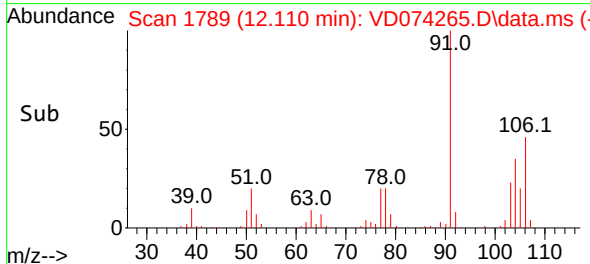
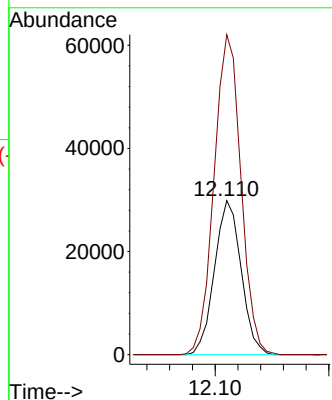
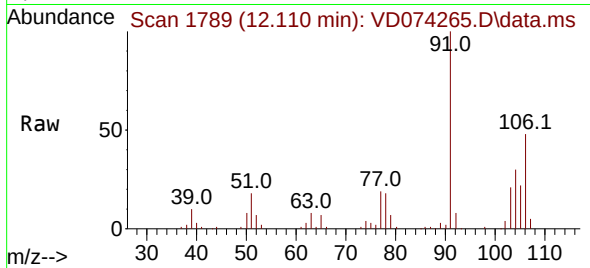
#69
o-Xylene
Concen: 21.117 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion:106 Resp: 48660
Ion Ratio Lower Upper
106 100
91 209.8 104.0 312.0

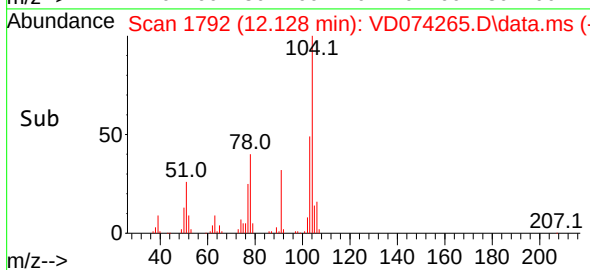
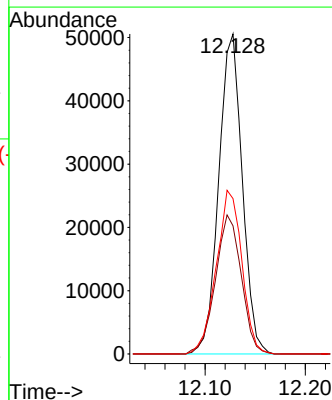
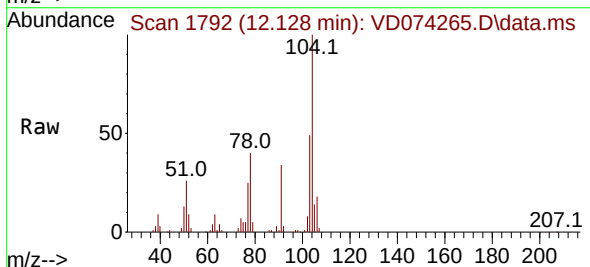
Manual Integrations
APPROVED

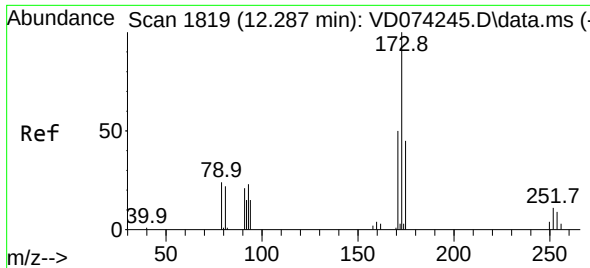
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 21.453 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

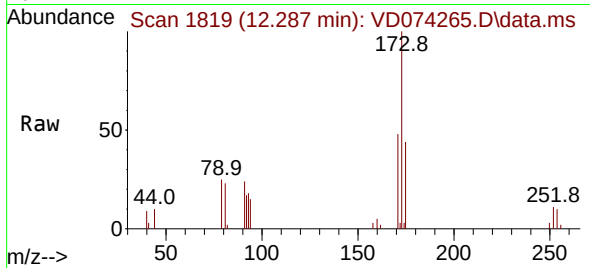
Tgt Ion:104 Resp: 82450
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 55.6 44.1 66.1





#71
Bromoform
Concen: 21.562 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

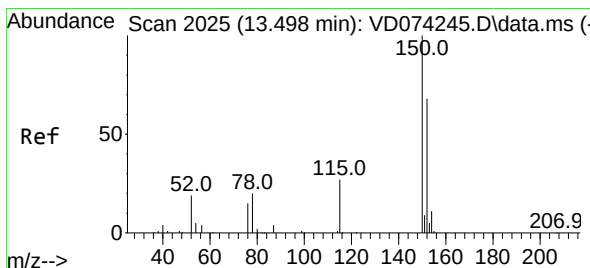
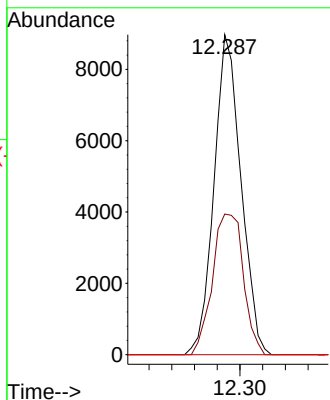
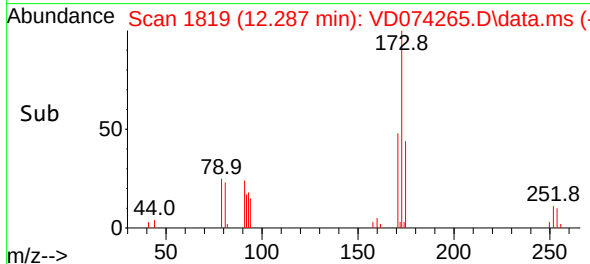
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



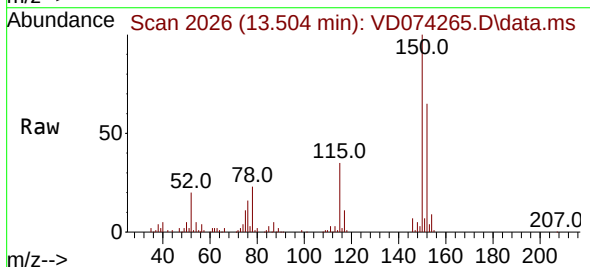
Tgt Ion:173 Resp: 14780
Ion Ratio Lower Upper
173 100
175 50.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

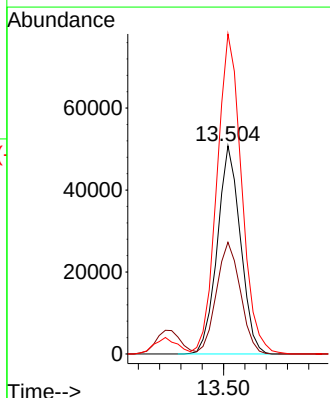
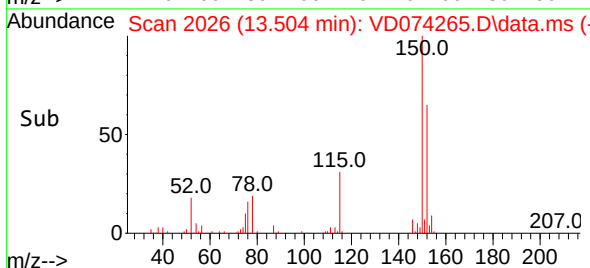
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

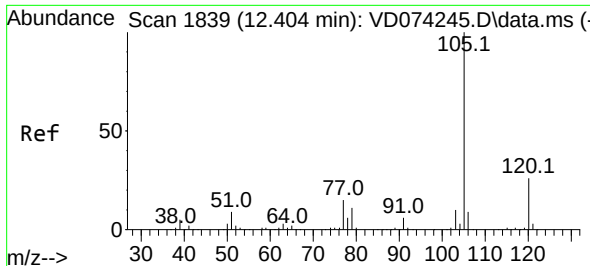


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49



Tgt Ion:152 Resp: 76577
Ion Ratio Lower Upper
152 100
115 55.4 28.4 85.2
150 164.0 0.0 351.0





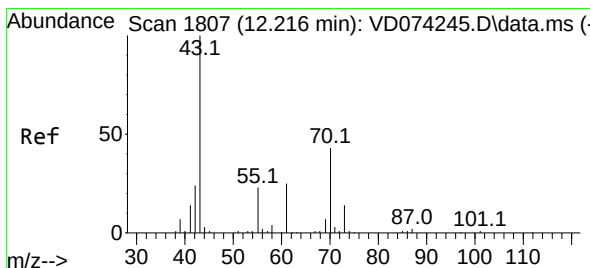
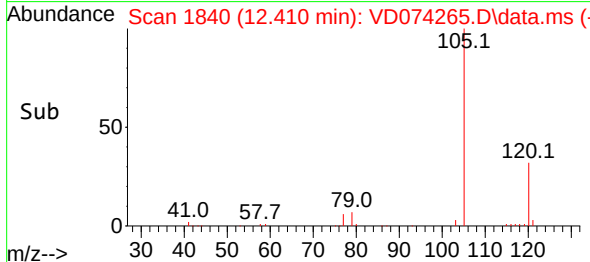
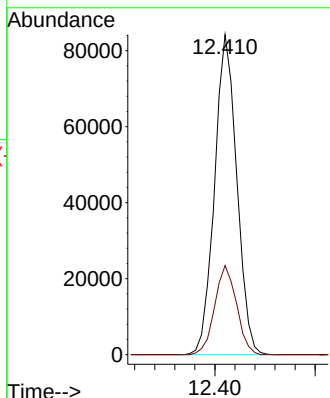
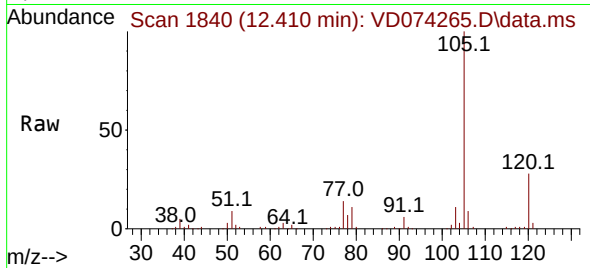
#73
Isopropylbenzene
Concen: 19.975 ug/l
RT: 12.410 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion:105 Resp: 129414
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6

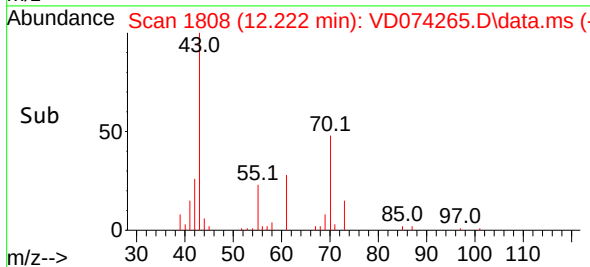
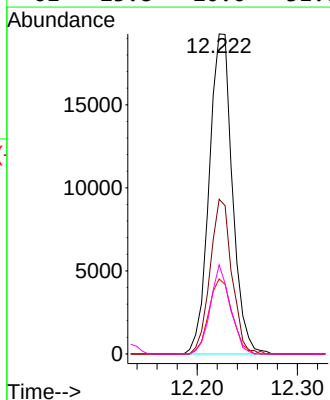
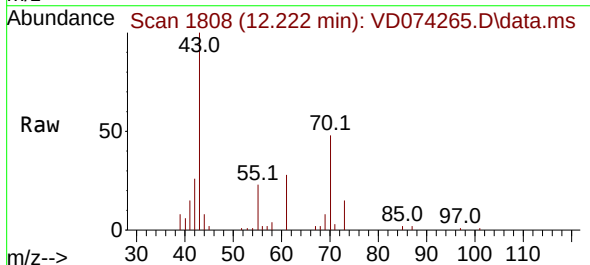
Manual Integrations
APPROVED

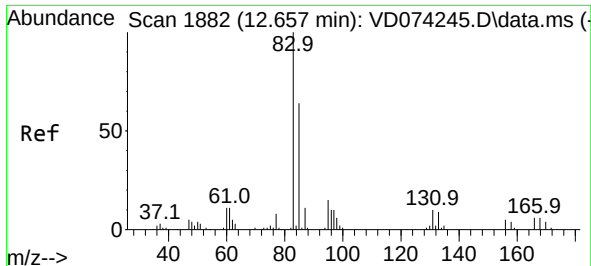
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#74
N-ethyl acetate
Concen: 20.333 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

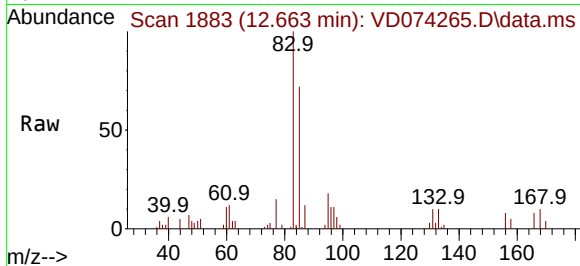
Tgt Ion: 43 Resp: 31023
Ion Ratio Lower Upper
43 100
70 45.1 34.6 51.8
55 23.7 18.2 27.2
61 23.8 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.646 ug/l
RT: 12.663 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

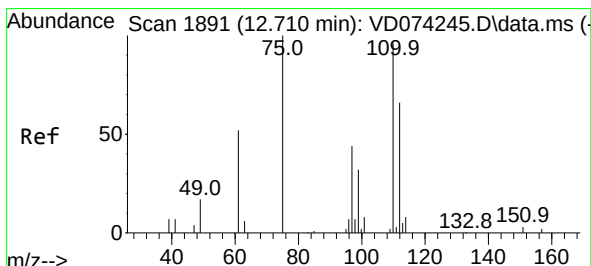
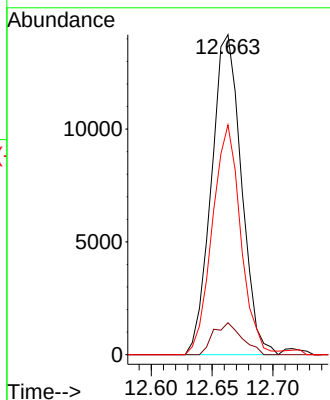
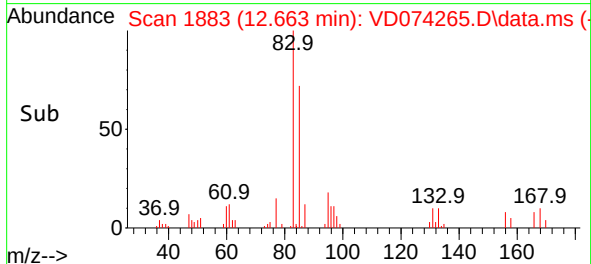
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion: 83 Resp: 24350
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 68.1 32.3 96.9

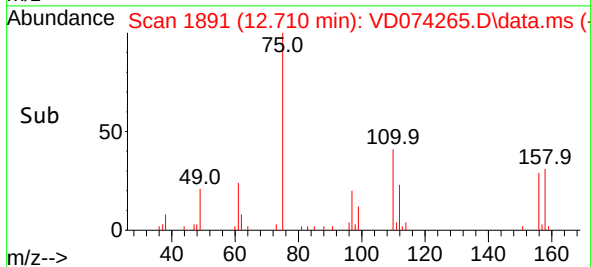
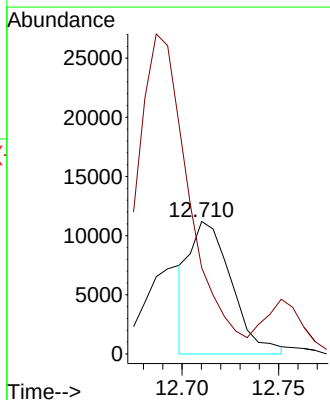
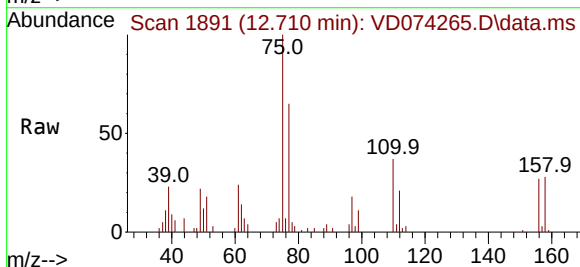
Manual Integrations
APPROVED

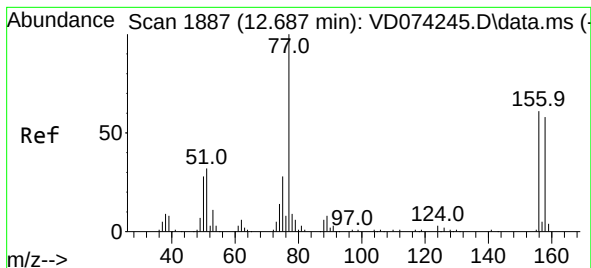
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#76
1,2,3-Trichloropropane
Concen: 21.477 ug/l m
RT: 12.710 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 75 Resp: 16860
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.522 ug/l

RT: 12.692 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

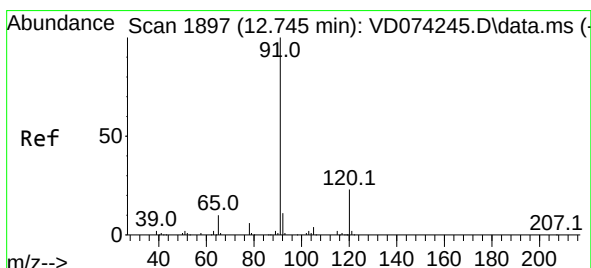
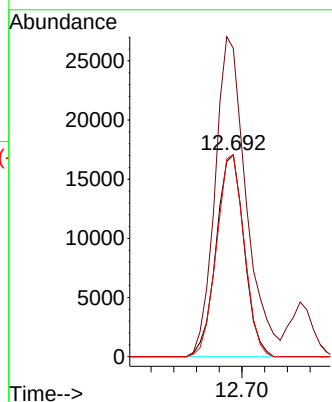
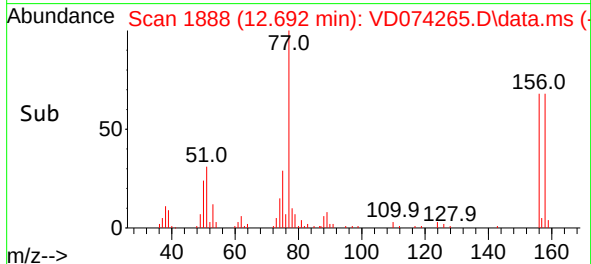
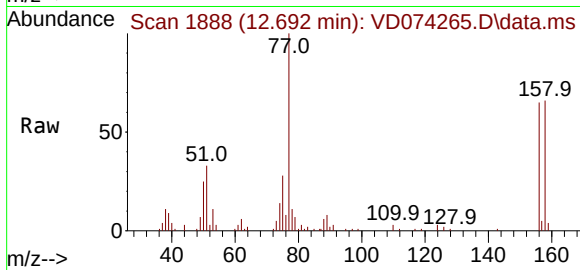
Tgt Ion:	156	Resp:	29178
Ion Ratio	Lower	Upper	
156	100		
77	176.2	91.1	273.3
158	98.6	49.4	148.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#78

n-propylbenzene

Concen: 20.535 ug/l

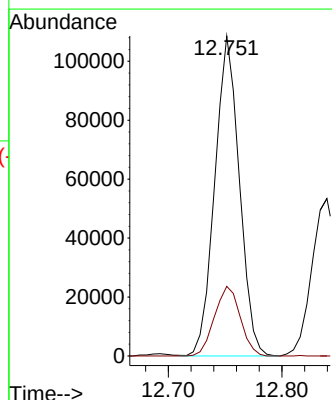
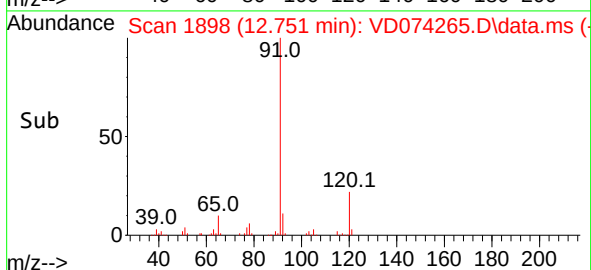
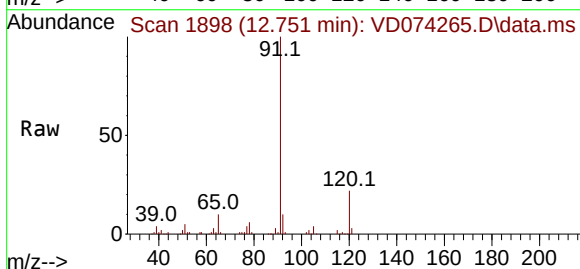
RT: 12.751 min Scan# 1898

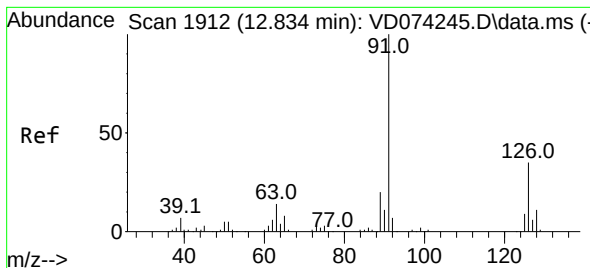
Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Tgt Ion:	91	Resp:	163148
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.7





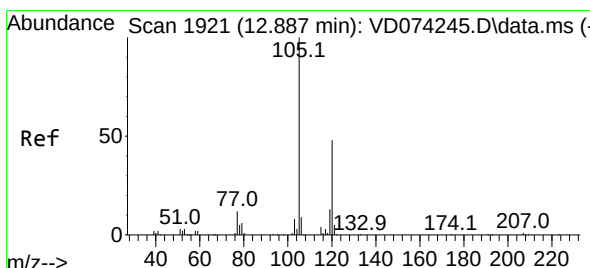
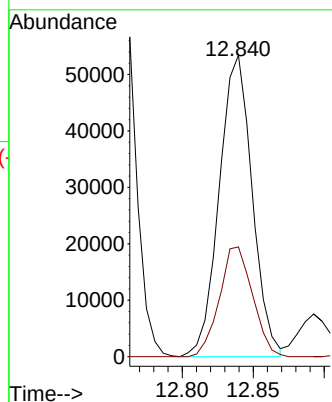
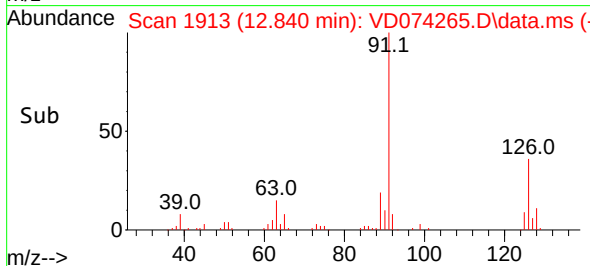
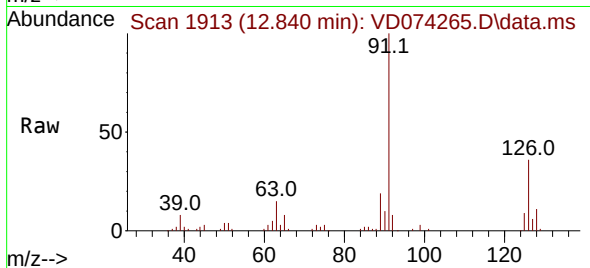
#79
2-Chlorotoluene
Concen: 20.056 ug/l
RT: 12.840 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion: 91 Resp: 86192
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.9

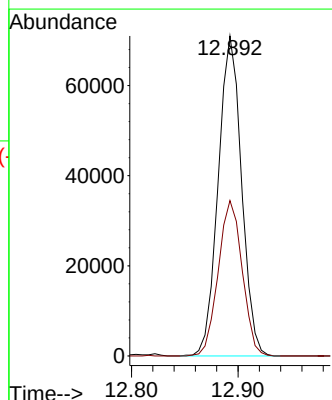
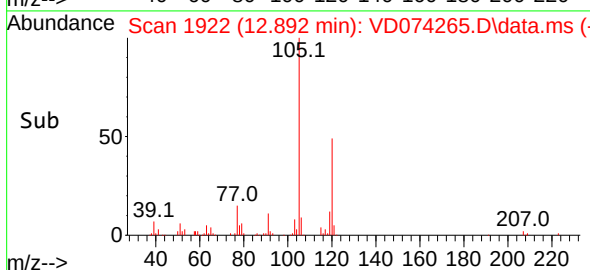
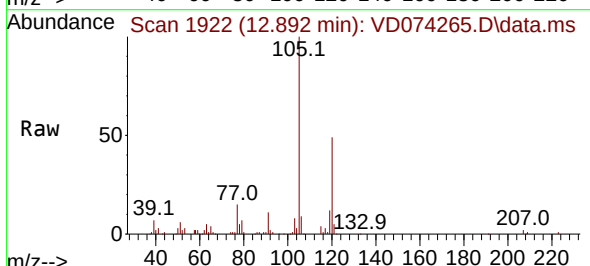
Manual Integrations
APPROVED

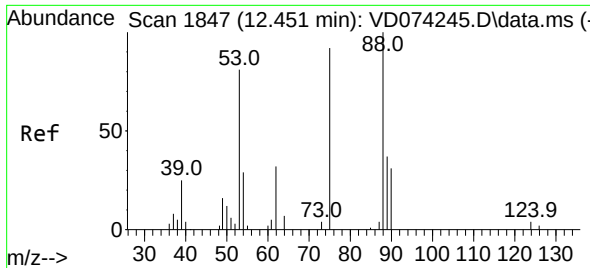
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.098 ug/l
RT: 12.892 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

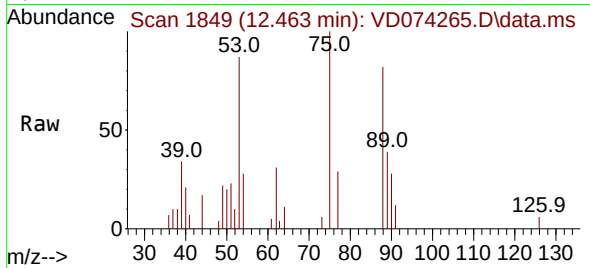
Tgt Ion:105 Resp: 107885
Ion Ratio Lower Upper
105 100
120 49.8 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.518 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.012 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

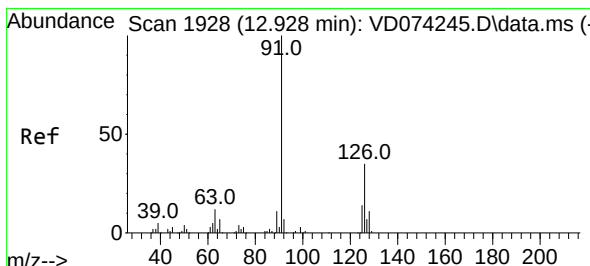
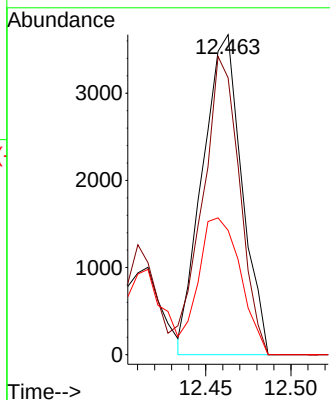
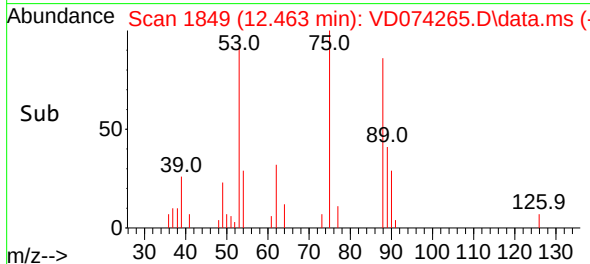
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion: 75 Resp: 5890
Ion Ratio Lower Upper
75 100
53 88.5 0.0 0.0
89 45.7 0.0 0.0

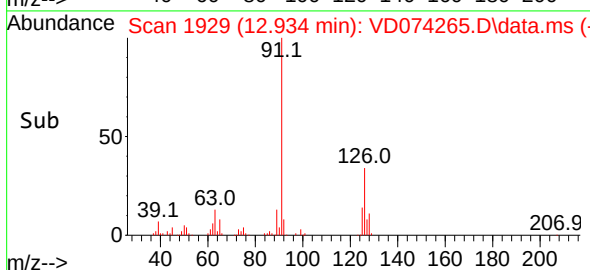
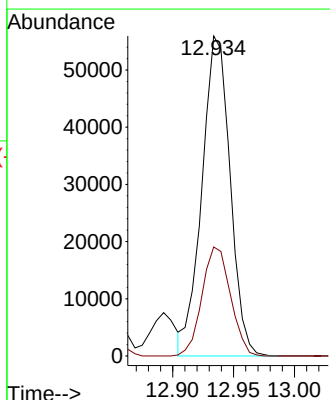
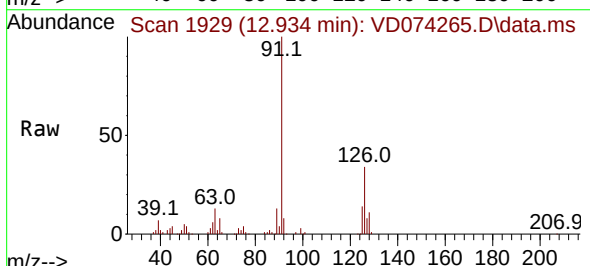
Manual Integrations
APPROVED

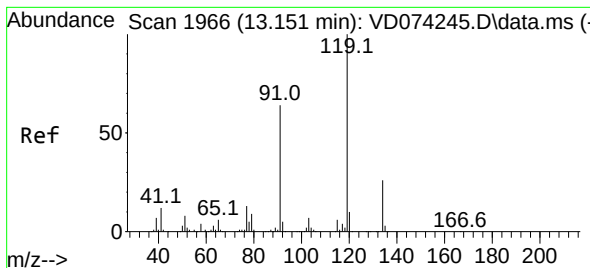
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 20.588 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 91 Resp: 90078
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





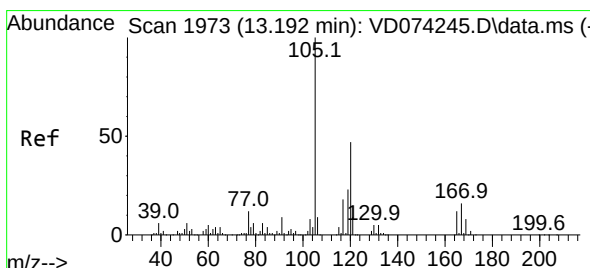
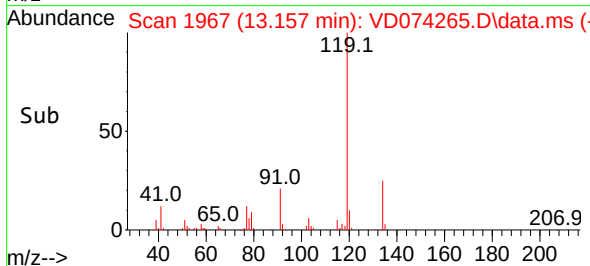
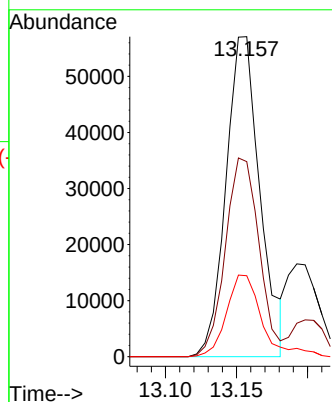
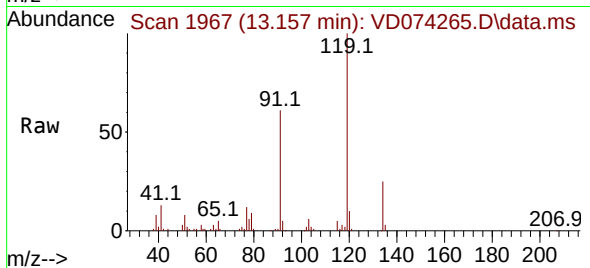
#83
tert-Butylbenzene
Concen: 20.252 ug/l
RT: 13.157 min Scan# 1966
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Tgt Ion:119 Resp: 95148
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.9
134 26.6 13.4 40.1

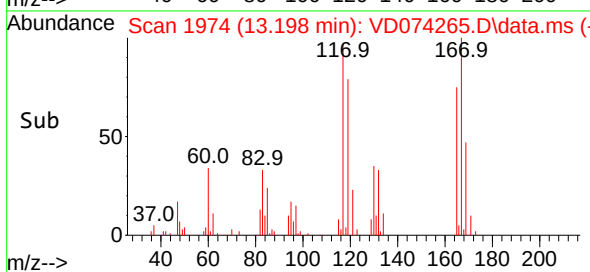
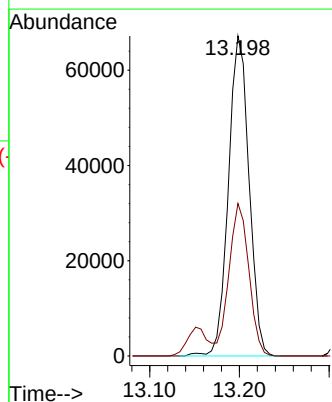
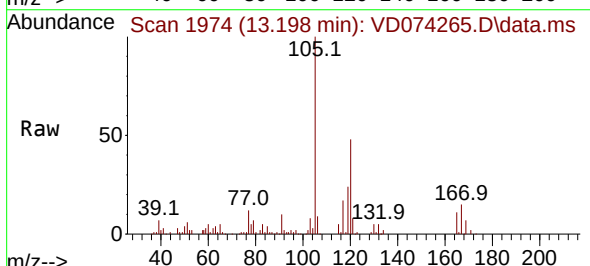
Manual Integrations
APPROVED

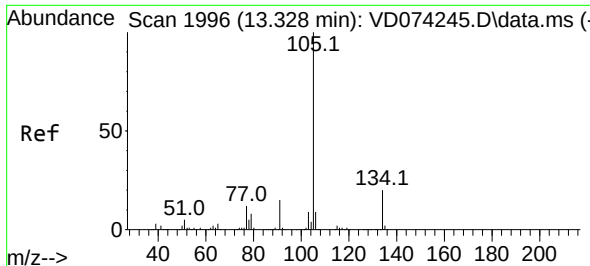
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.563 ug/l
RT: 13.198 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:105 Resp: 107154
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





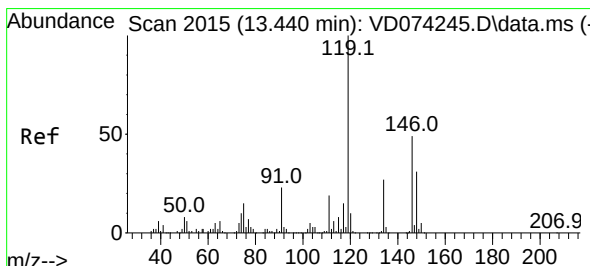
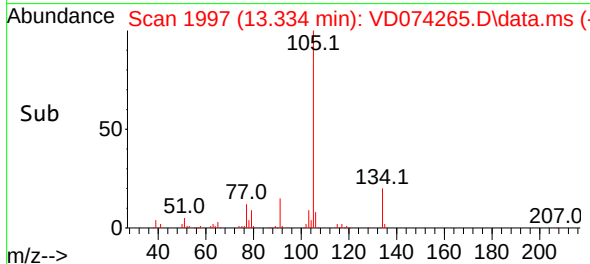
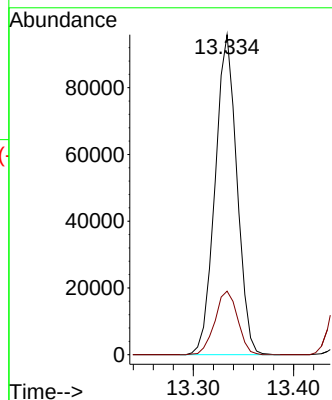
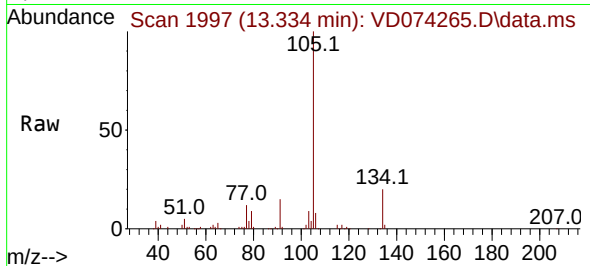
#85
 sec-Butylbenzene
 Concen: 20.340 ug/l
 RT: 13.334 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBSD01

Tgt Ion:105 Resp: 144760
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 29.8

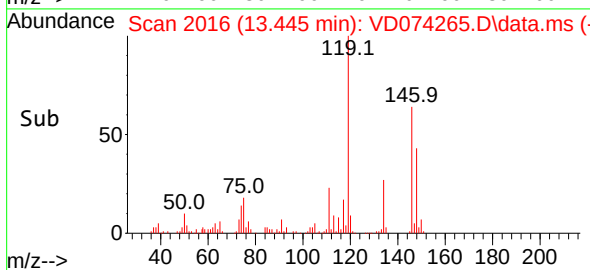
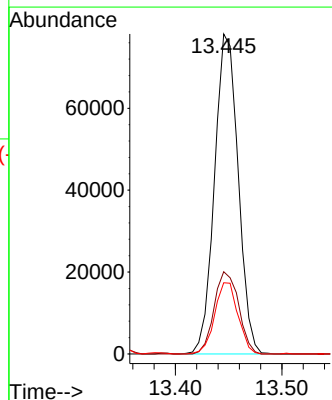
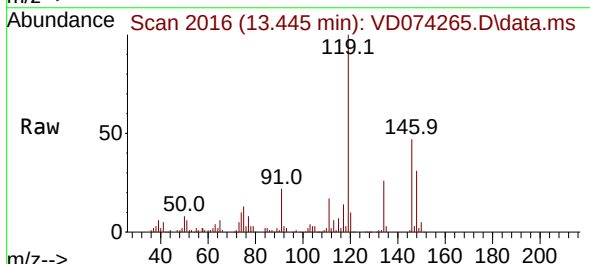
Manual Integrations
 APPROVED

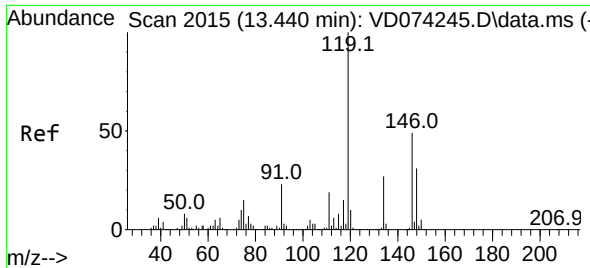
Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 20.717 ug/l
 RT: 13.445 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VD074265.D
 Acq: 13 Sep 2022 14:49

Tgt Ion:119 Resp: 120434
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.0 11.2 33.5





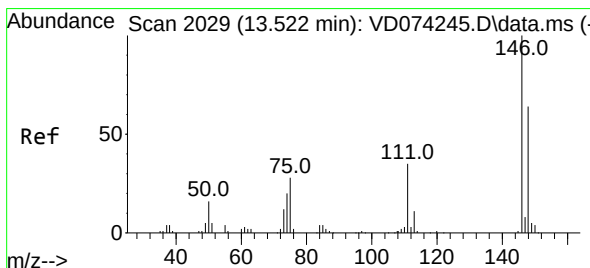
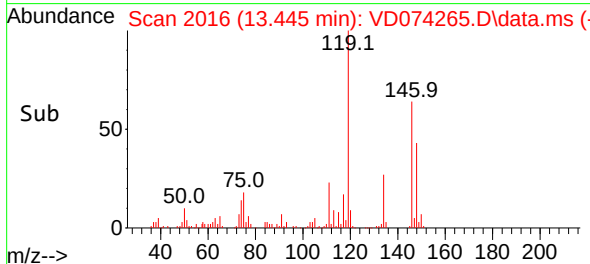
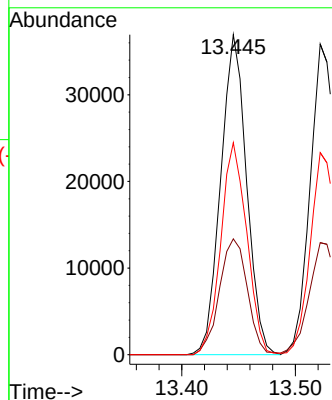
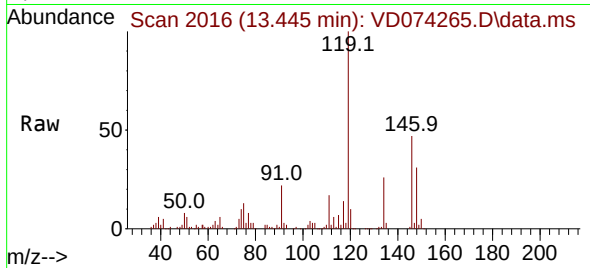
#87
1,3-Dichlorobenzene
Concen: 20.184 ug/l
RT: 13.445 min Scan# 2015
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion:146 Resp: 58520
Ion Ratio Lower Upper
146 100
111 39.2 18.1 54.4
148 66.4 31.7 95.1

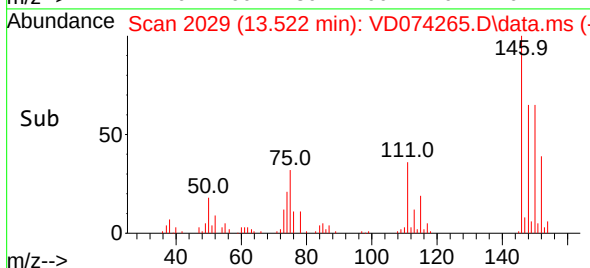
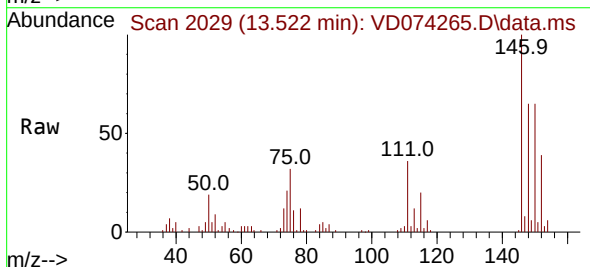
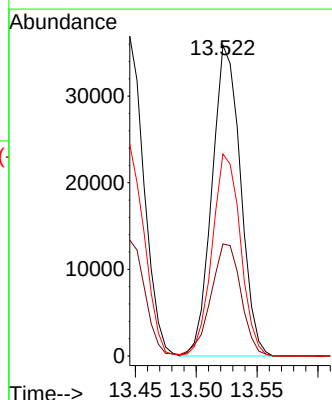
Manual Integrations
APPROVED

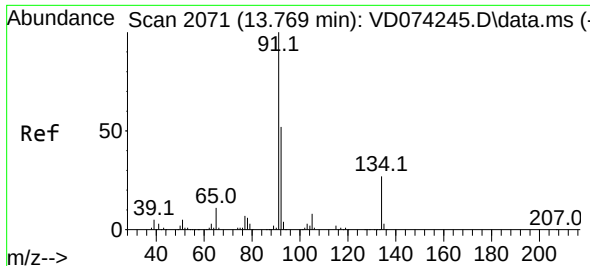
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#88
1,4-Dichlorobenzene
Concen: 20.440 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:146 Resp: 58285
Ion Ratio Lower Upper
146 100
111 38.1 18.4 55.2
148 64.6 32.1 96.5





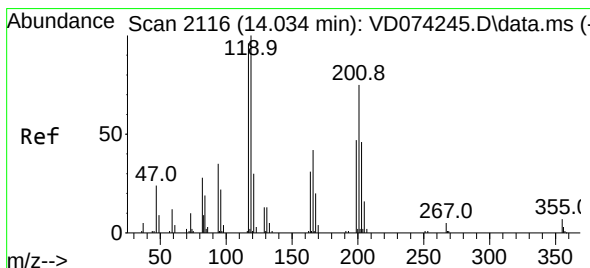
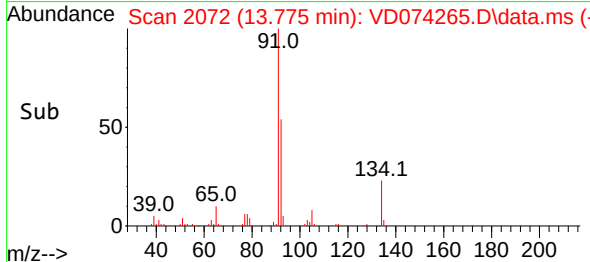
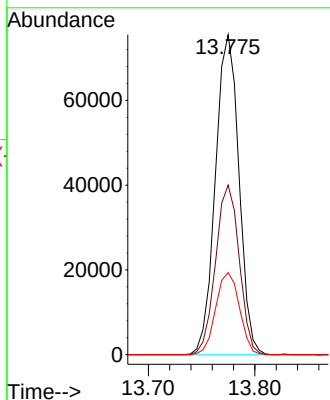
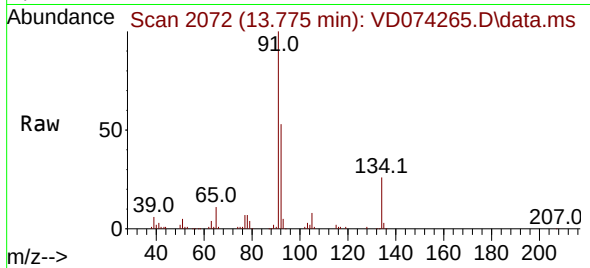
#89
n-Butylbenzene
Concen: 20.368 ug/l
RT: 13.775 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion: 91 Resp: 11570
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.7
134 26.0 13.1 39.1

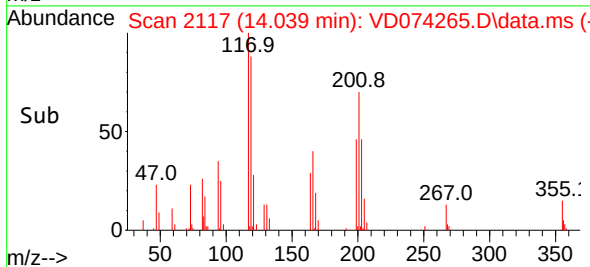
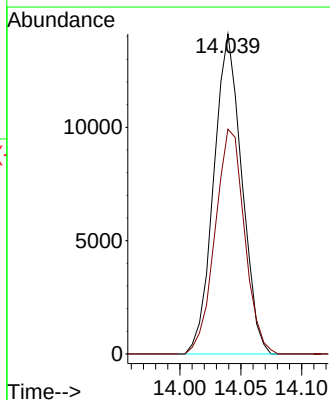
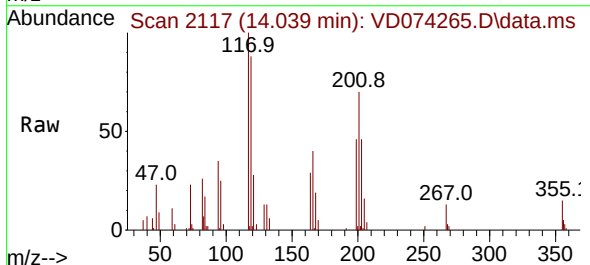
Manual Integrations
APPROVED

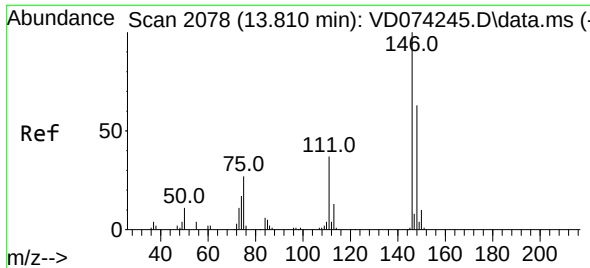
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 21.299 ug/l
RT: 14.039 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:117 Resp: 22650
Ion Ratio Lower Upper
117 100
201 73.8 38.0 113.9





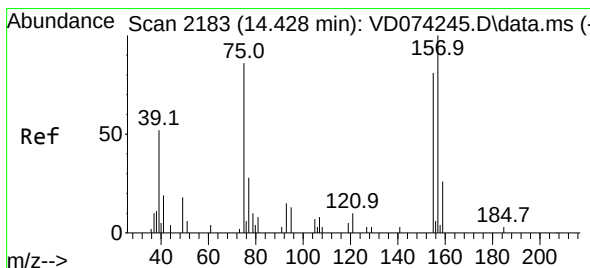
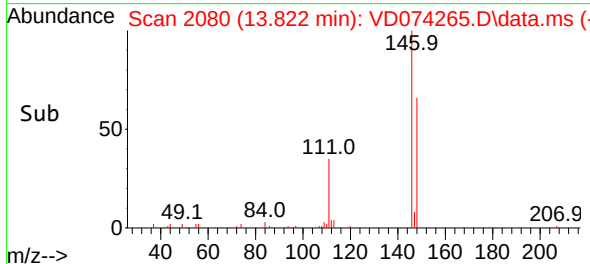
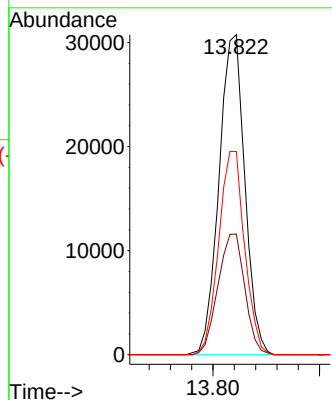
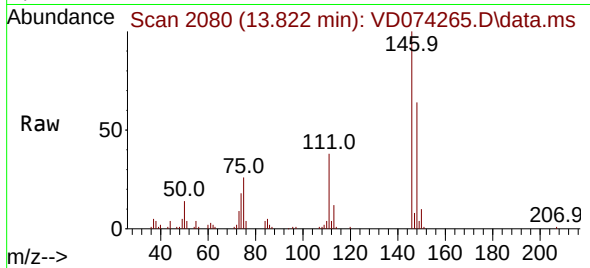
#91
1,2-Dichlorobenzene
Concen: 20.514 ug/l
RT: 13.822 min Scan# 2078
Delta R.T. 0.012 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion:146 Resp: 5173
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.4
148 63.7 31.5 94.5

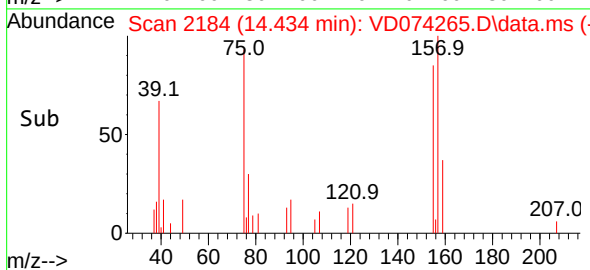
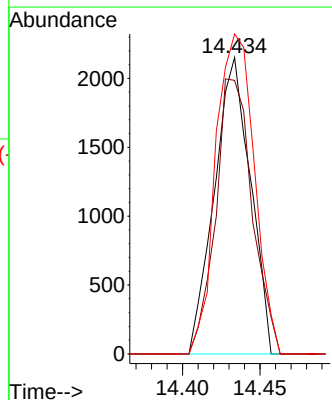
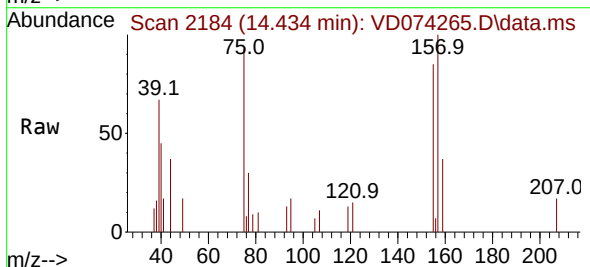
Manual Integrations
APPROVED

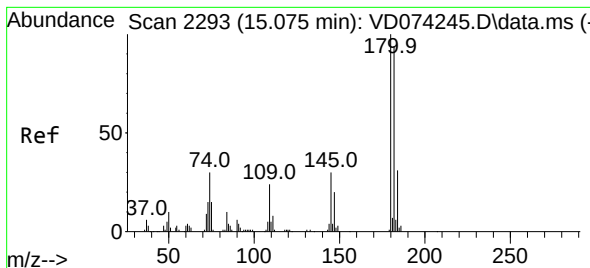
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.987 ug/l
RT: 14.434 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion: 75 Resp: 3479
Ion Ratio Lower Upper
75 100
155 94.2 49.2 147.6
157 115.5 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 19.219 ug/l

RT: 15.081 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

VD0913SBS01

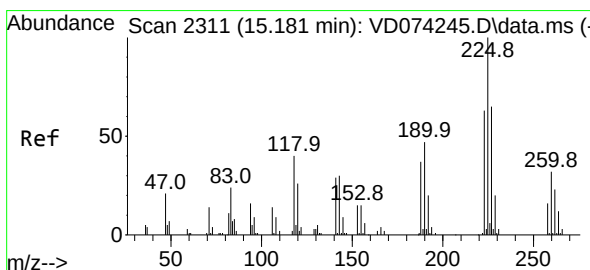
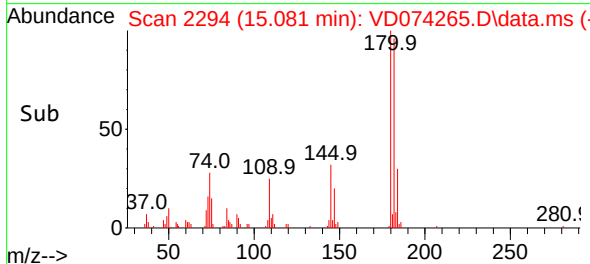
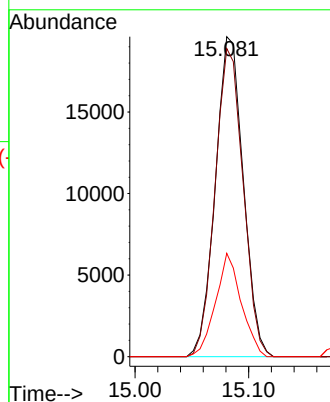
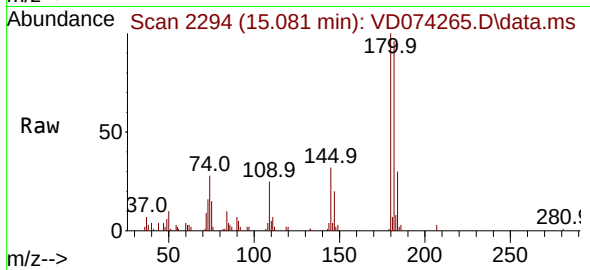
Tgt Ion:180	Resp:	3350
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.6 142.9
145	29.8	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

Concen: 19.990 ug/l

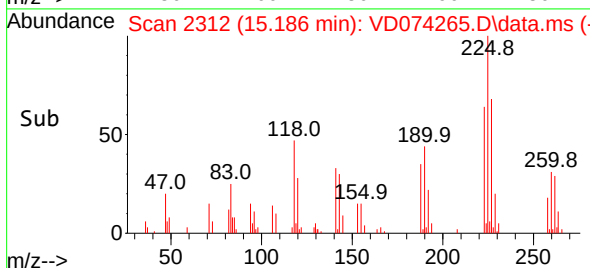
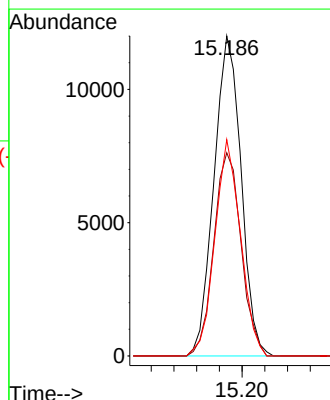
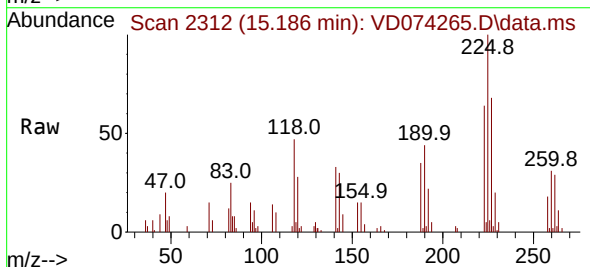
RT: 15.186 min Scan# 2312

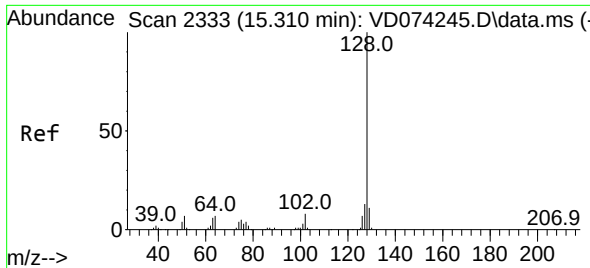
Delta R.T. 0.006 min

Lab File: VD074265.D

Acq: 13 Sep 2022 14:49

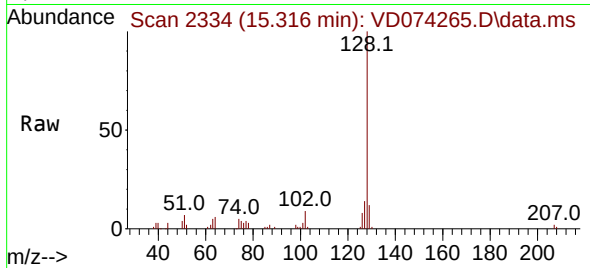
Tgt Ion:225	Resp:	19912
Ion Ratio	Lower	Upper
225	100	
223	64.0	32.4 97.0
227	63.9	32.7 98.1





#95
Naphthalene
Concen: 20.171 ug/l
RT: 15.316 min Scan# 2333
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

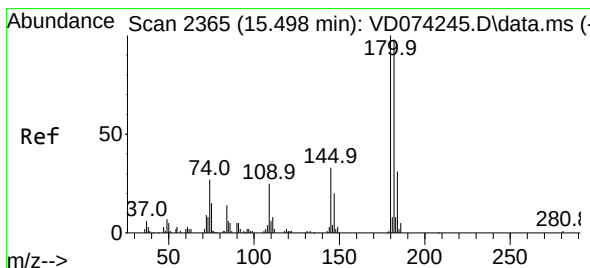
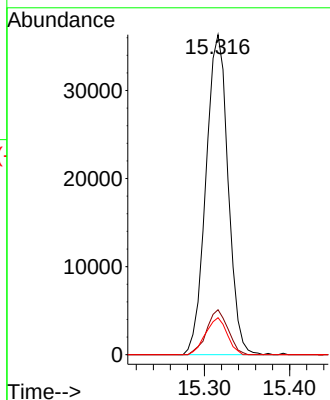
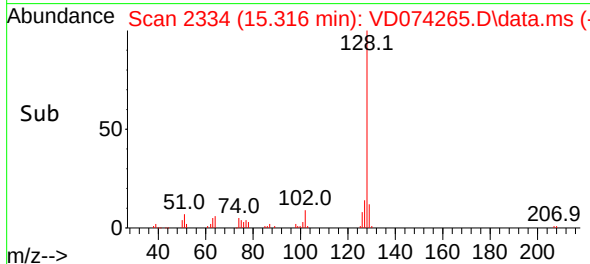
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion:128 Resp: 65700
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.168 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074265.D
Acq: 13 Sep 2022 14:49

Tgt Ion:180 Resp: 30180
Ion Ratio Lower Upper
180 100
182 98.7 47.5 142.5
145 31.0 15.8 47.3

