

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
 Data File : VW022963.D
 Acq On : 10 May 2022 18:13
 Operator : SY/VA
 Sample : N2766-03MSD
 Misc : 7.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3MSD

Quant Time: May 11 01:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 11 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	12491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	7392	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	1302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	6847	26.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.880%	
7) Chloroethane-d5	2.898	69	4453	26.709	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.840%	
11) 1,1-Dichloroethene-d2	4.038	63	8451	25.522	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.080%	
21) 2-Butanone-d5	7.086	46	2852	58.532	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.060%	
24) Chloroform-d	7.653	84	11879	32.460	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 129.840%	
26) 1,2-Dichloroethane-d4	8.305	65	7489	37.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 149.240%#	
32) Benzene-d6	8.281	84	18578	43.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 174.400%#	
36) 1,2-Dichloropropane-d6	9.281	67	6013	50.241	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	= 200.960%#	
41) Toluene-d8	10.323	98	12318	29.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 119.720%	
43) trans-1,3-Dichloroprop...	10.585	79	1393	25.278	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.120%	
47) 2-Hexanone-d5	11.006	63	41	1.795	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	= 3.580%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	5035	45.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 180.560%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	1504	33.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 132.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	2057	30.209	ug/L	89
3) Chloromethane	2.215	50	4461	33.903	ug/L	94
5) Vinyl chloride	2.355	62	6289	23.816	ug/L	99
6) Bromomethane	2.782	94	3472	20.478	ug/L	90
8) Chloroethane	2.934	64	3291	25.839	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	2597	14.390	ug/L #	46
12) 1,1-Dichloroethene	4.056	96	4023	25.146	ug/L #	61
13) Acetone	4.129	43	2734	74.945	ug/L	94
14) Carbon disulfide	4.391	76	8617	19.646	ug/L	97
15) Methyl Acetate	4.690	43	2357	32.161	ug/L #	65
16) Methylene chloride	4.928	84	5994	32.794	ug/L	85
17) trans-1,2-Dichloroethene	5.434	96	4101	22.779	ug/L #	69
18) Methyl tert-butyl Ether	5.421	73	13586	49.434	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	8251	27.041	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	2210	11.429	ug/L #	78
22) 2-Butanone	7.183	43	2195	43.025	ug/L	94
23) Bromochloromethane	7.513	128	2629	29.030	ug/L	85
25) Chloroform	7.677	83	9510	28.186	ug/L	89
27) 1,2-Dichloroethane	8.403	62	6429	28.585	ug/L	99

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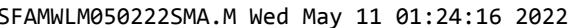
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 ClientSampleId :
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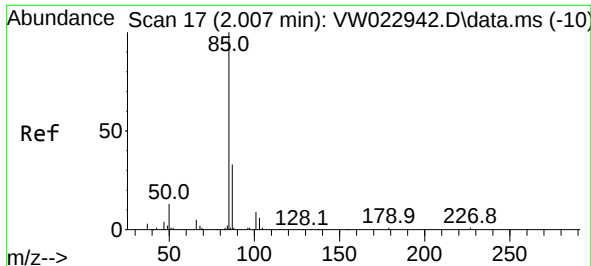
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.964	56	4808	30.075	ug/L	95
30) 1,1,1-Trichloroethane	7.884	97	7761	44.428	ug/L	98
31) Carbon tetrachloride	8.067	117	5755	35.219	ug/L	86
33) Benzene	8.323	78	17044	39.140	ug/L	100
34) Trichloroethene	9.092	95	3338	27.873	ug/L	88
35) Methylcyclohexane	9.341	83	4243	21.567	ug/L	98
37) 1,2-Dichloropropane	9.366	63	4246	40.292	ug/L	99
38) Bromodichloromethane	9.646	83	5781	38.622	ug/L	86
39) cis-1,3-Dichloropropene	10.073	75	4530	27.723	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	4100	61.727	ug/L #	49
42) Toluene	10.390	91	14497	29.706	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	3427	23.497	ug/L	91
45) 1,1,2-Trichloroethane	10.786	97	3809	43.237	ug/L	80
46) Tetrachloroethene	10.866	164	1890	21.000	ug/L #	82
48) 2-Hexanone	10.939	43	194	4.371	ug/L #	16
49) Dibromochloromethane	11.128	129	3276	30.898	ug/L	98
50) 1,2-Dibromoethane	11.237	107	2599	29.381	ug/L #	95
51) Chlorobenzene	11.658	112	6233	19.373	ug/L	90
52) Ethylbenzene	11.731	91	9354	17.229	ug/L	97
53) m,p-Xylene	11.835	106	3809	17.805	ug/L	91
54) o-Xylene	12.164	106	4512	21.979	ug/L	99
55) Styrene	12.182	104	4570	13.101	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	3910	35.535	ug/L #	96
59) Bromoform	12.347	173	1311	71.051	ug/L #	92
60) Isopropylbenzene	12.463	105	9957	55.823	ug/L	96
61) 1,2,3-Trichloropropane	12.774	75	2978	114.471	ug/L #	76
62) 1,3,5-Trimethylbenzene	13.249	105	4990	50.285	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	4990	33.490	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1540	19.338	ug/L #	80
65) 1,4-Dichlorobenzene	13.585	146	1216	14.783	ug/L #	80
67) 1,2-Dichlorobenzene	13.871	146	1795	24.632	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	591	11.180	ug/L #	82
70) 1,2,4-trichlorobenzene	15.133	180	49	1.152	ug/L #	1
71) Naphthalene	15.359	128	978	10.582	ug/L #	85
72) 1,2,3-Trichlorobenzene	15.554	180	42	1.114	ug/L #	14

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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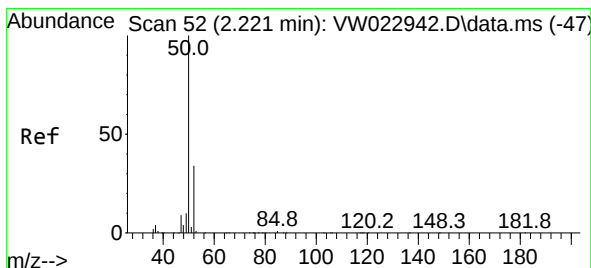
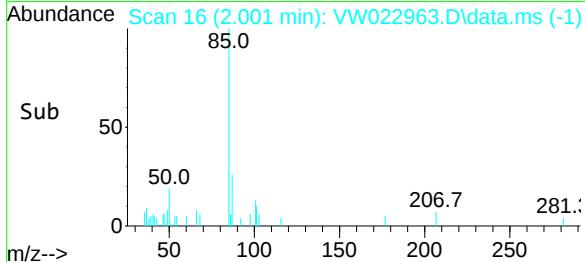
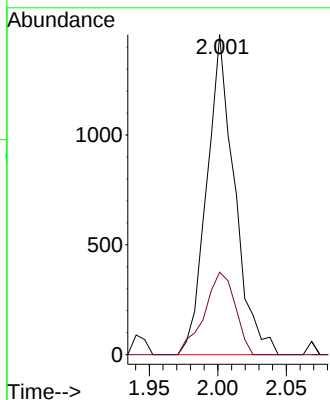
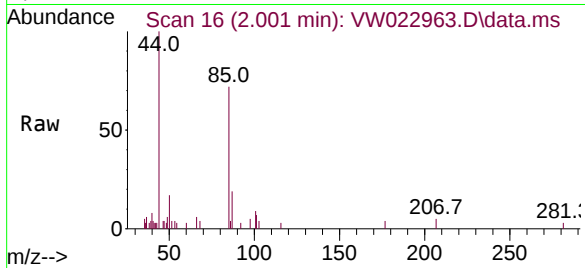




#2
 Dichlorodifluoromethane
 Concen: 30.209 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

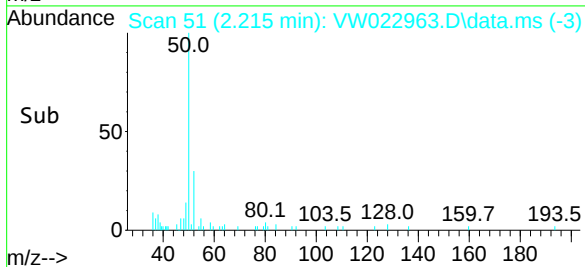
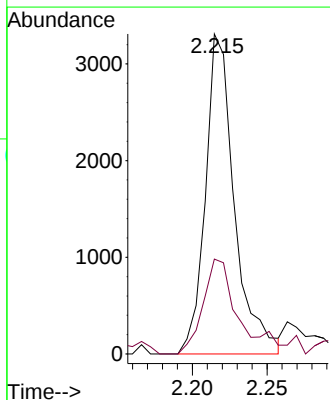
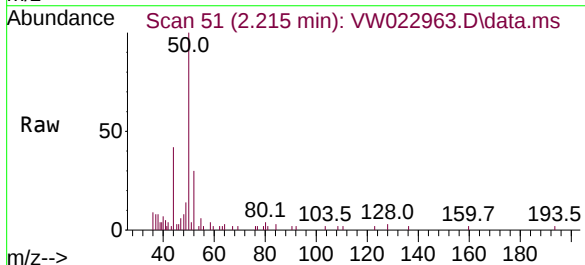
Instrument :
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 ClientSampleId :
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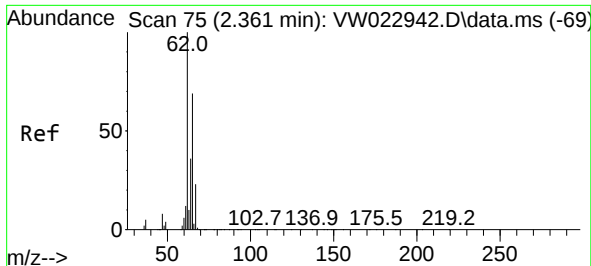
Tgt Ion: 85 Resp: 2057
 Ion Ratio Lower Upper
 85 100
 87 28.5 27.8 41.8



#3
 Chloromethane
 Concen: 33.903 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

Tgt Ion: 50 Resp: 4461
 Ion Ratio Lower Upper
 50 100
 52 29.6 23.1 42.9

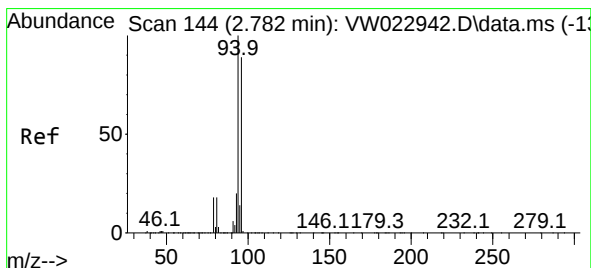
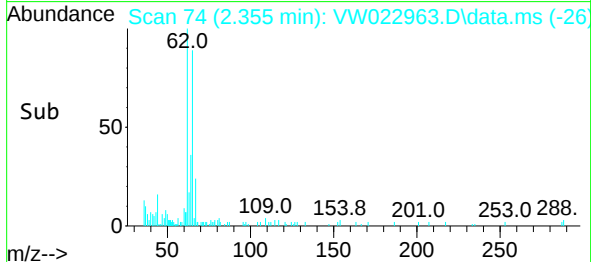
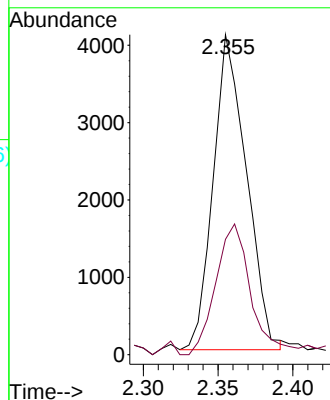
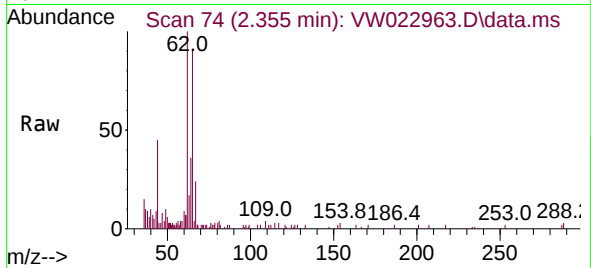




#5
 Vinyl chloride
 Concen: 23.816 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

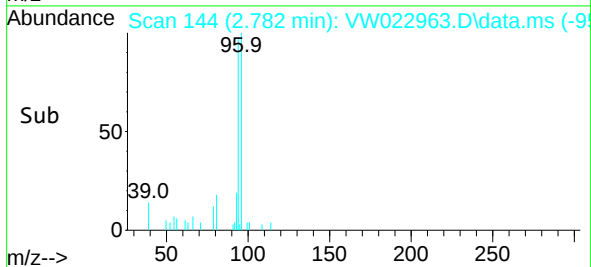
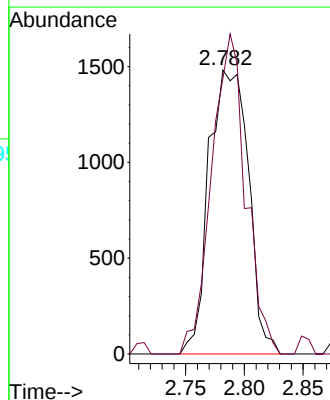
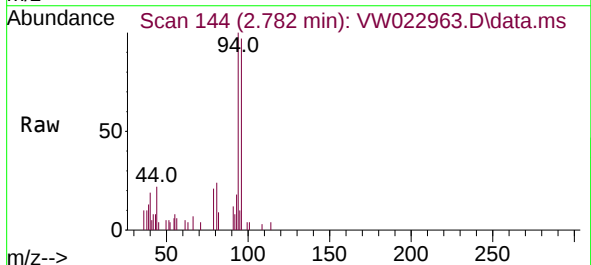
Instrument :
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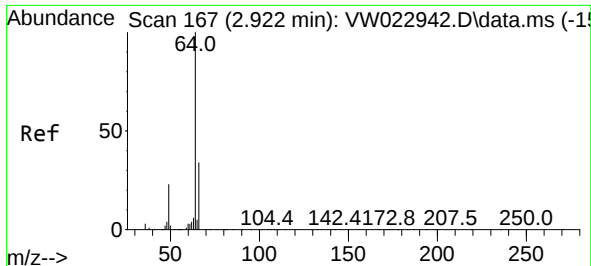
Tgt Ion: 62 Resp: 6289
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 46.3



#6
 Bromomethane
 Concen: 20.478 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

Tgt Ion: 94 Resp: 3472
 Ion Ratio Lower Upper
 94 100
 96 97.1 61.7 114.5

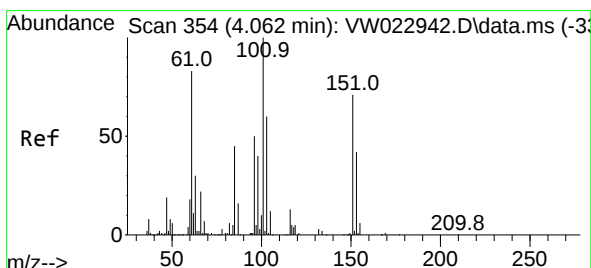
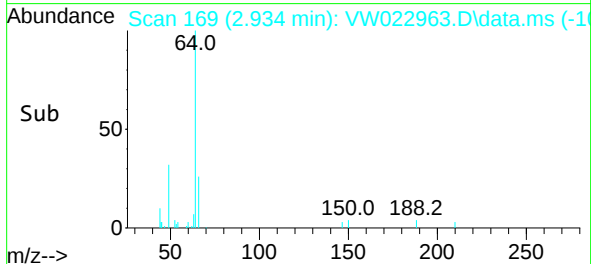
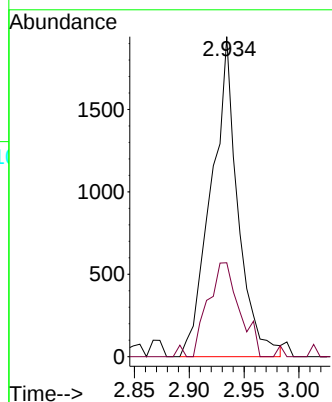
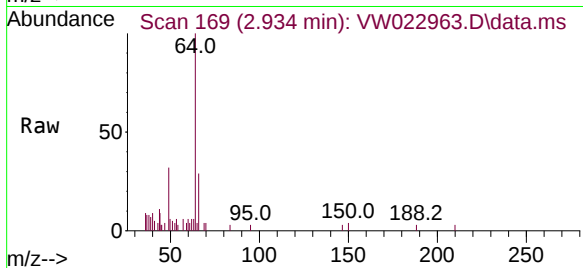




#8
Chloroethane
Concen: 25.839 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

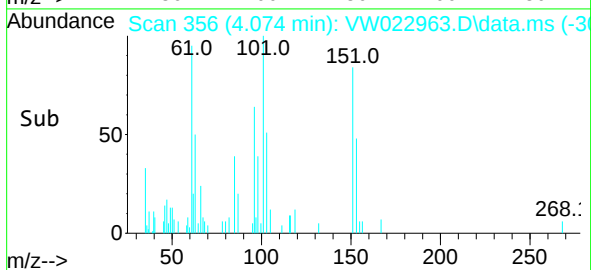
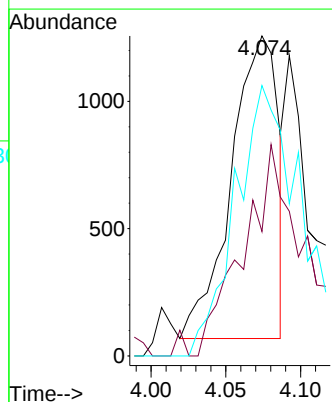
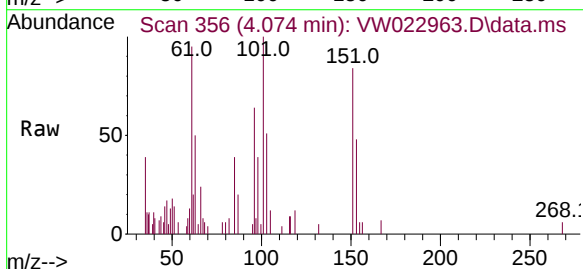
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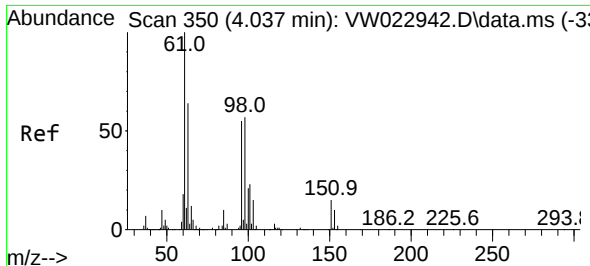
Tgt Ion: 64 Resp: 3291
Ion Ratio Lower Upper
64 100
66 29.4 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.390 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 101 Resp: 2597
Ion Ratio Lower Upper
101 100
85 65.7 34.3 51.5#
151 121.1 54.2 81.2#

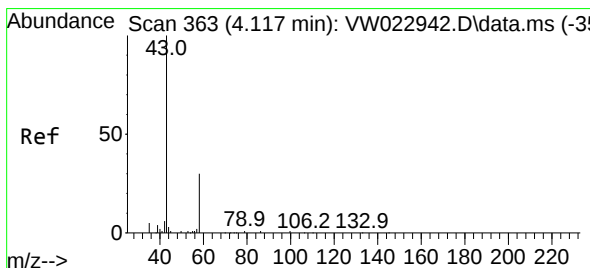
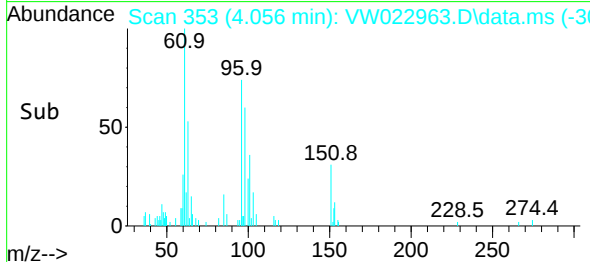
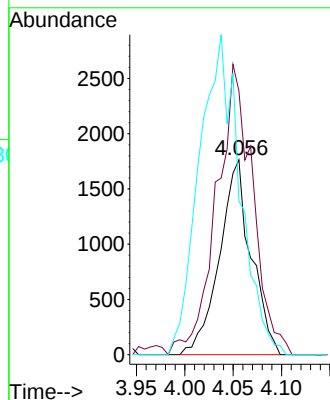
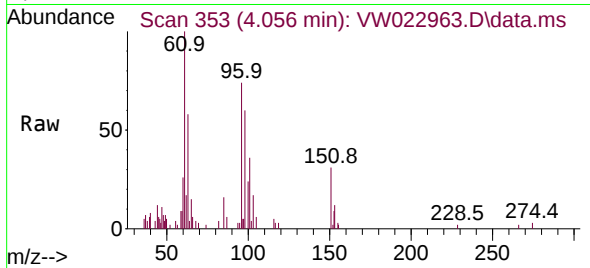




#12
1,1-Dichloroethene
Concen: 25.146 ug/L
RT: 4.056 min Scan# 311
Delta R.T. 0.018 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

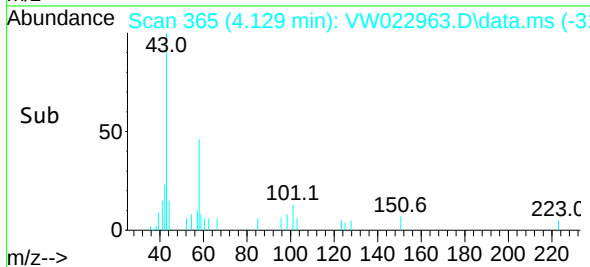
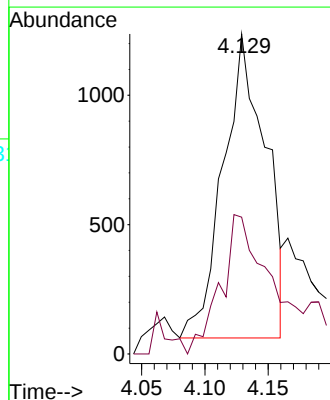
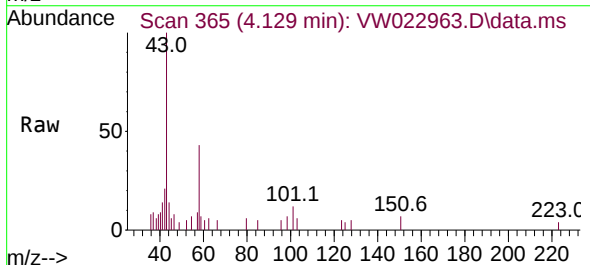
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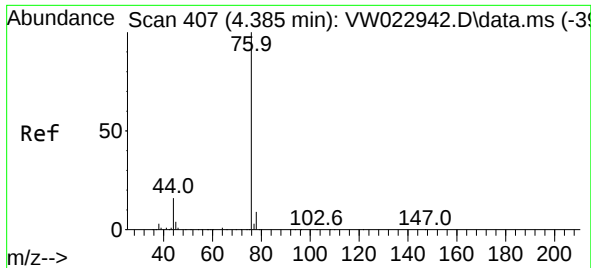
Tgt Ion: 96 Resp: 4023
Ion Ratio Lower Upper
96 100
61 126.9 125.7 233.5
63 73.9 83.4 155.0#



#13
Acetone
Concen: 74.945 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 35.6 0.0 64.0

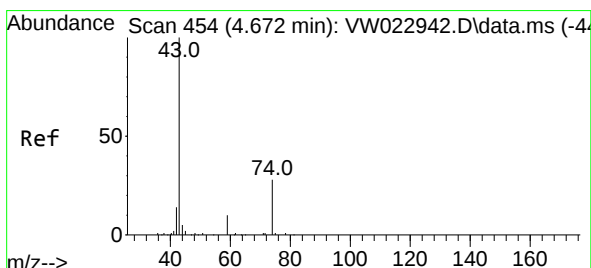
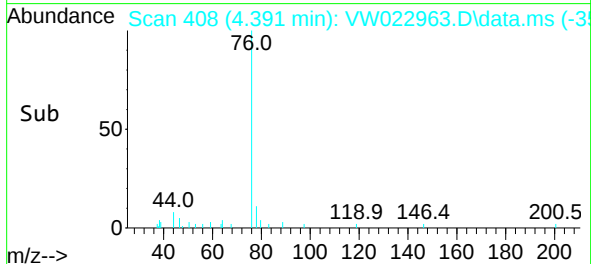
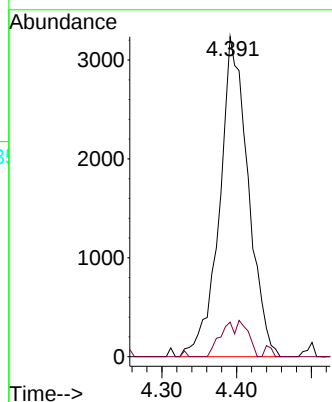
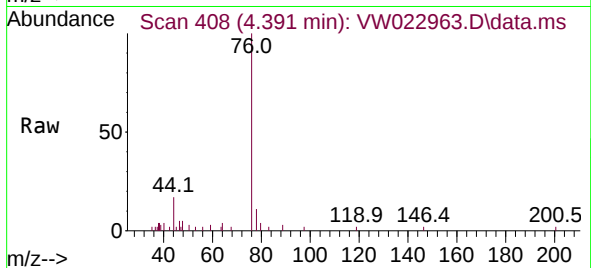




#14
Carbon disulfide
Concen: 19.646 ug/L
RT: 4.391 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

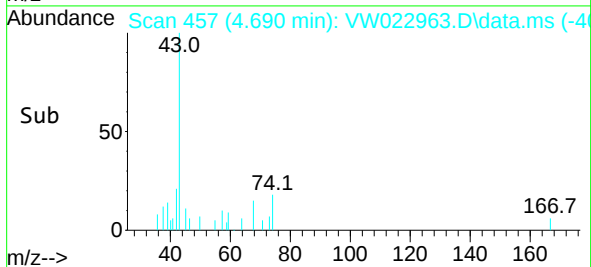
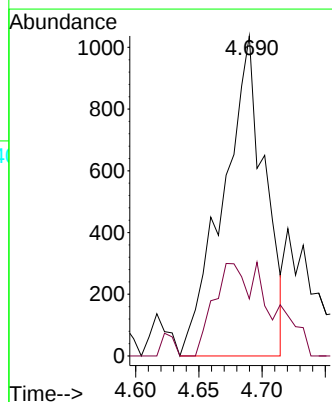
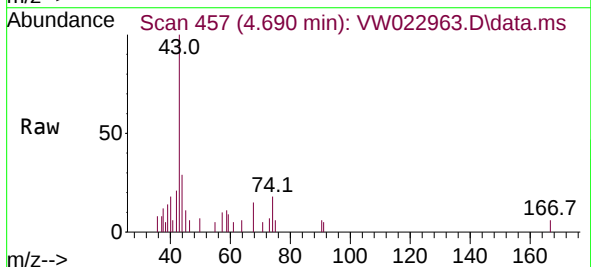
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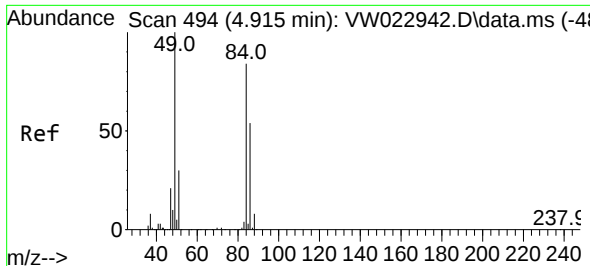
Tgt Ion: 76 Resp: 8617
Ion Ratio Lower Upper
76 100
78 10.8 7.7 11.5



#15
Methyl Acetate
Concen: 32.161 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
74 9.1 21.9 32.9#

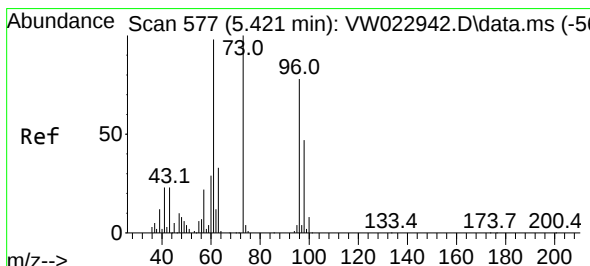
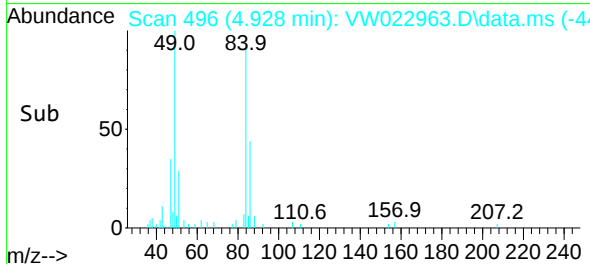
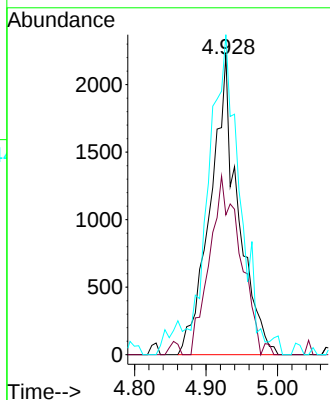
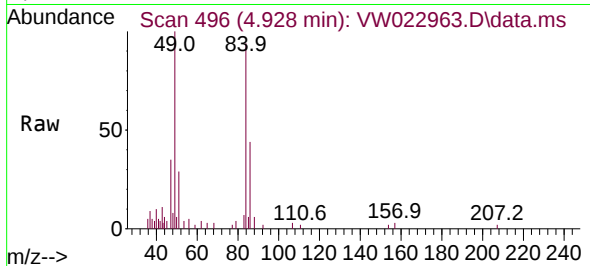




#16
Methylene chloride
Concen: 32.794 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

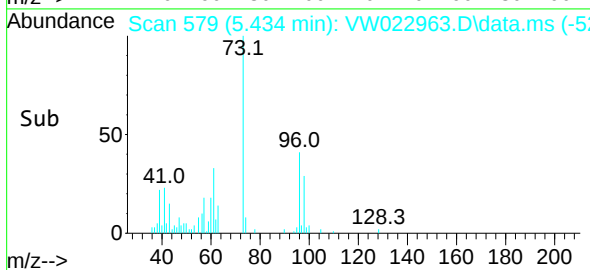
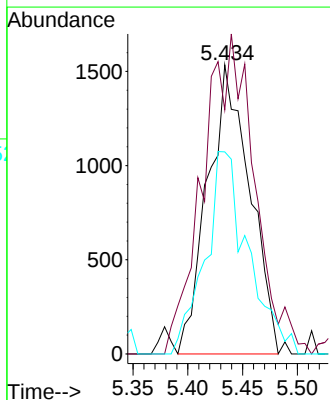
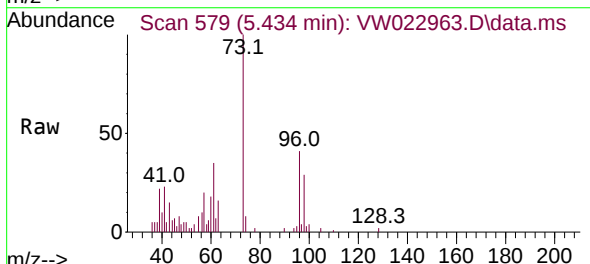
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

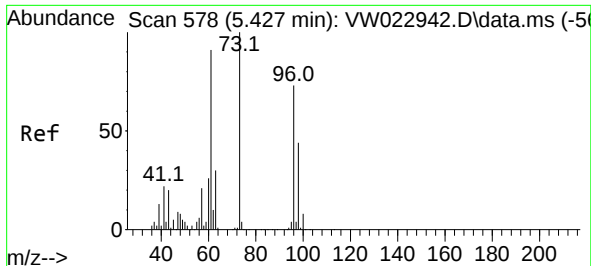
Tgt Ion: 84 Resp: 5994
Ion Ratio Lower Upper
84 100
86 46.6 45.4 84.4
49 106.6 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 22.779 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 96 Resp: 4101
Ion Ratio Lower Upper
96 100
61 84.4 92.2 171.2#
98 69.9 42.9 79.7

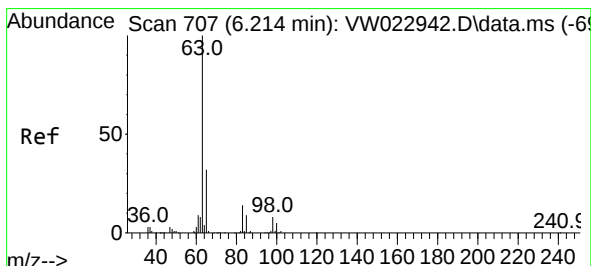
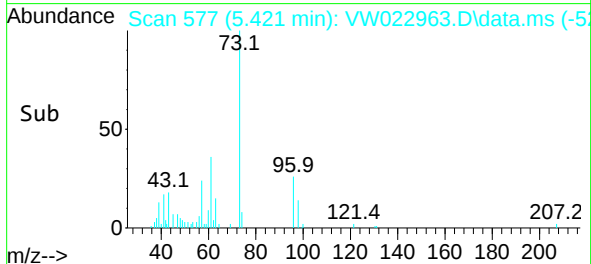
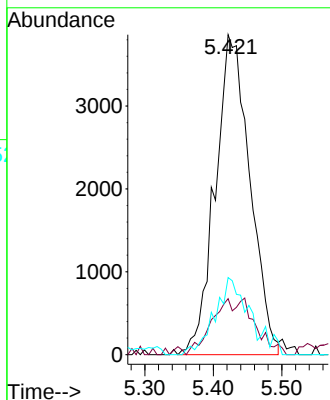
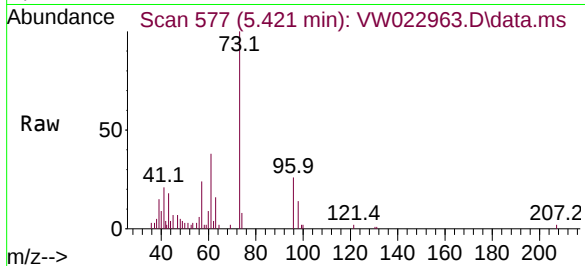




#18
Methyl tert-butyl Ether
Concen: 49.434 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

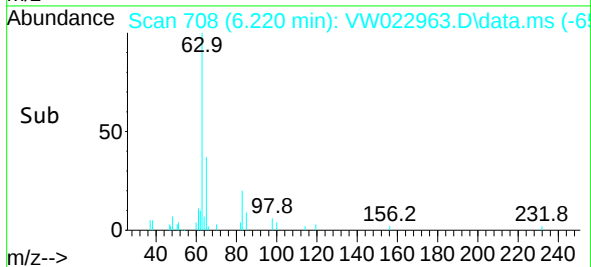
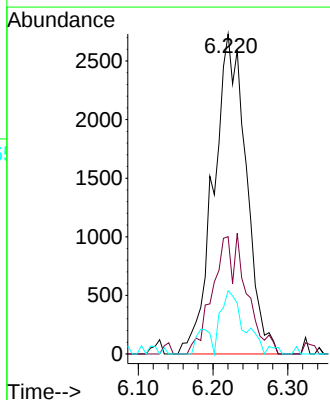
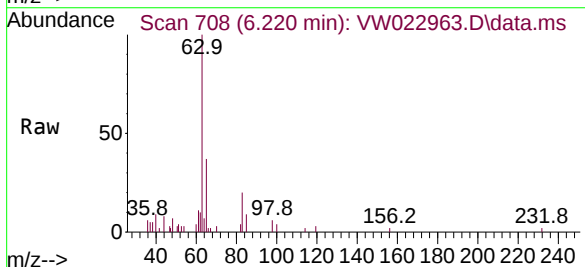
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

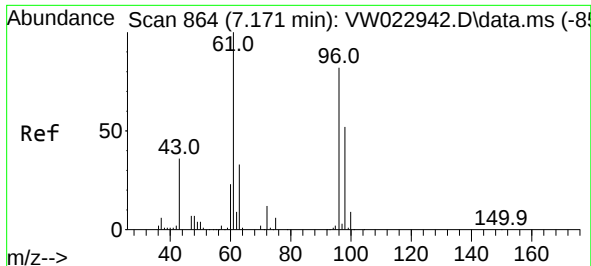
Tgt Ion: 73 Resp: 13586
Ion Ratio Lower Upper
73 100
43 10.9 15.9 23.9#
57 17.7 16.5 24.7



#19
1,1-Dichloroethane
Concen: 27.041 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 63 Resp: 8251
Ion Ratio Lower Upper
63 100
65 36.7 23.3 43.3
83 19.8 11.1 20.5

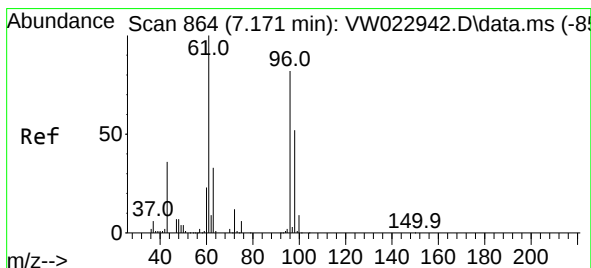
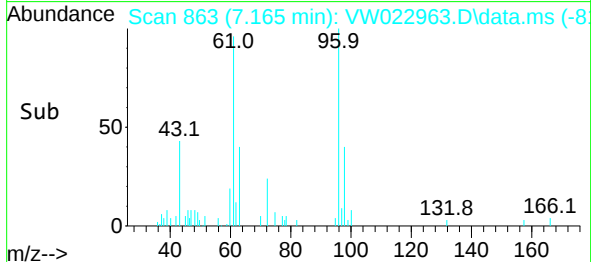
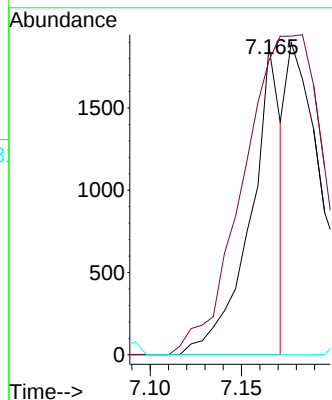
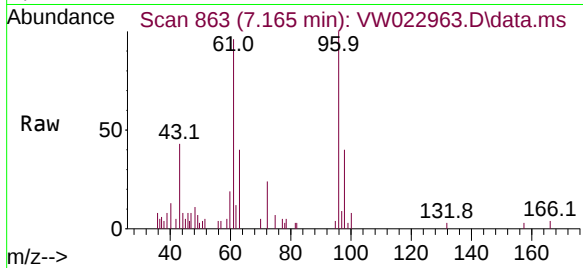




#20
 cis-1,2-Dichloroethene
 Concen: 11.429 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

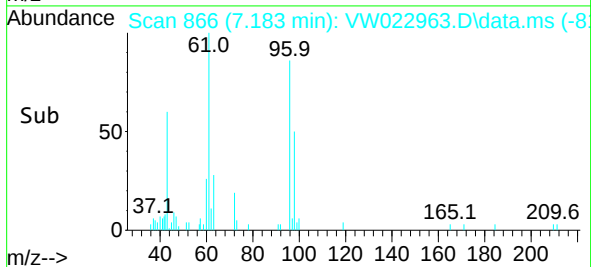
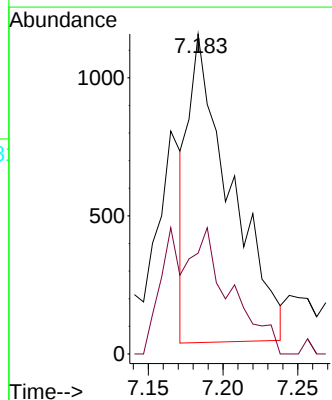
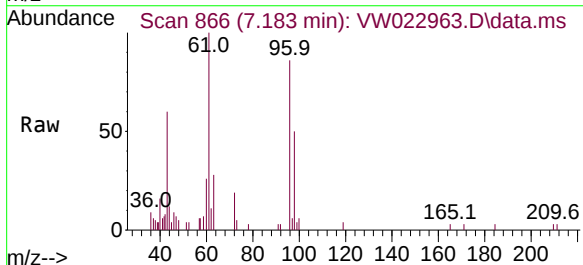
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3MSD

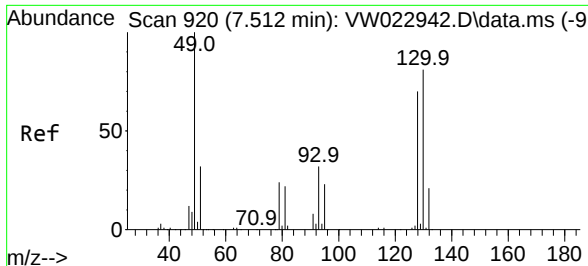
Tgt Ion: 96 Resp: 2210
 Ion Ratio Lower Upper
 96 100
 61 95.6 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 43.025 ug/L
 RT: 7.183 min Scan# 866
 Delta R.T. 0.012 min
 Lab File: VW022963.D
 Acq: 10 May 2022 18:13

Tgt Ion: 43 Resp: 2195
 Ion Ratio Lower Upper
 43 100
 72 27.1 15.1 45.3

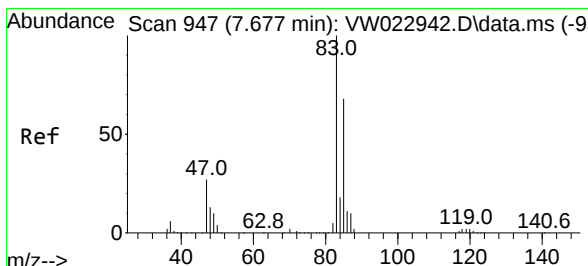
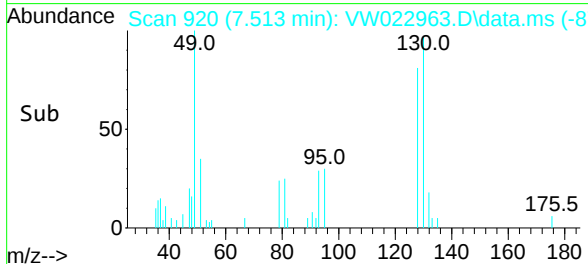
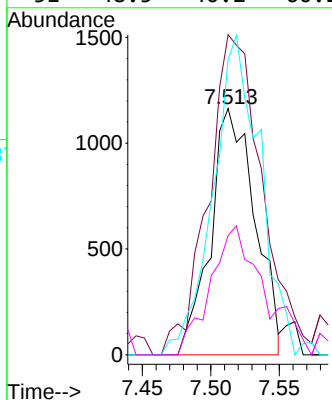
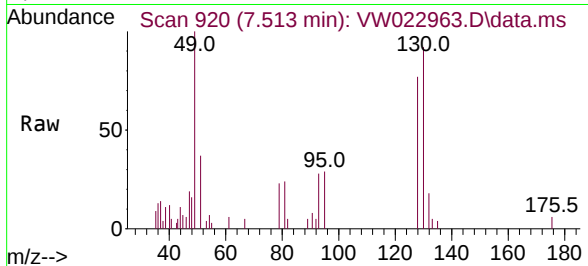




#23
Bromochloromethane
Concen: 29.030 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

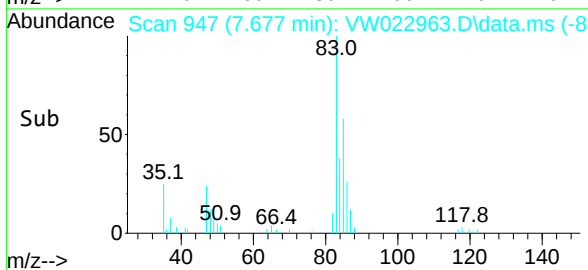
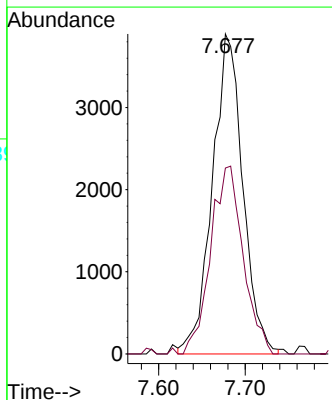
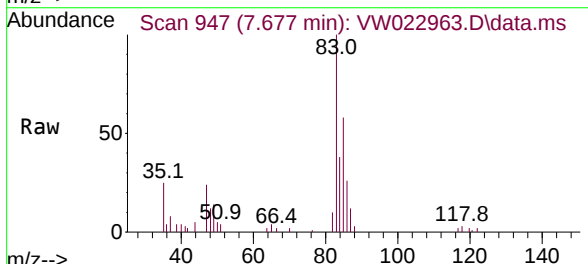
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

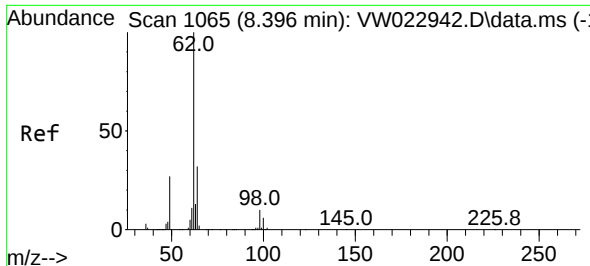
Tgt Ion:128 Resp: 2629
Ion Ratio Lower Upper
128 100
49 130.0 110.0 204.4
130 119.9 94.8 176.0
51 48.5 40.2 60.2



#25
Chloroform
Concen: 28.186 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 83 Resp: 9510
Ion Ratio Lower Upper
83 100
85 58.1 46.6 86.6





#27

1,2-Dichloroethane

Concen: 28.585 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

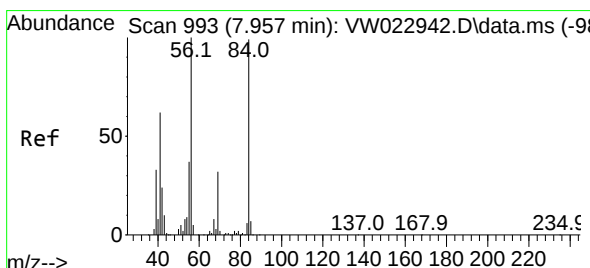
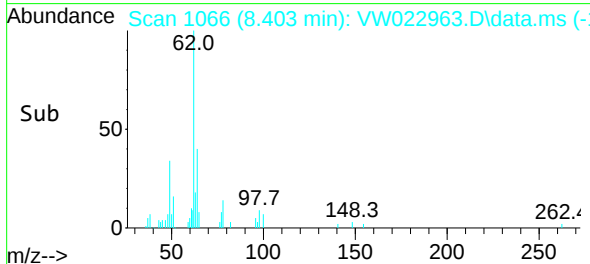
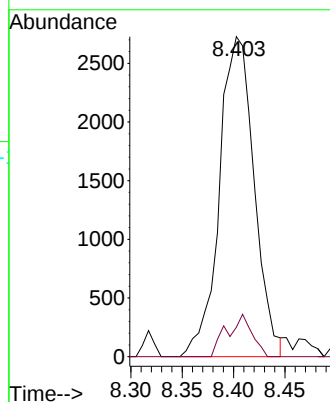
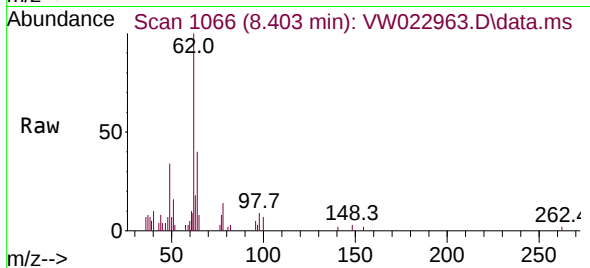
EW4F3MSD

Tgt Ion: 62 Resp: 6429

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



#29

Cyclohexane

Concen: 30.075 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

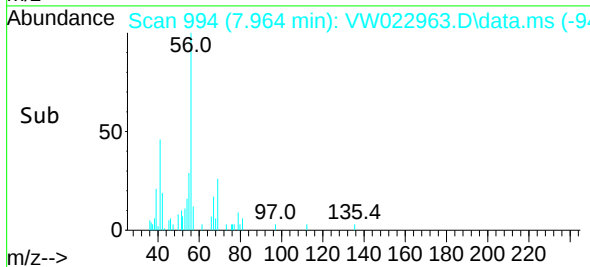
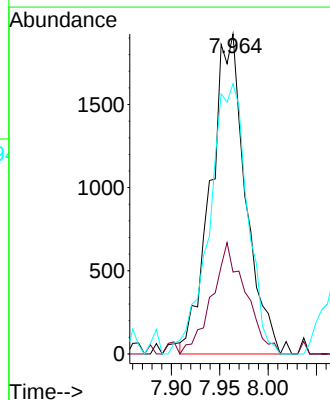
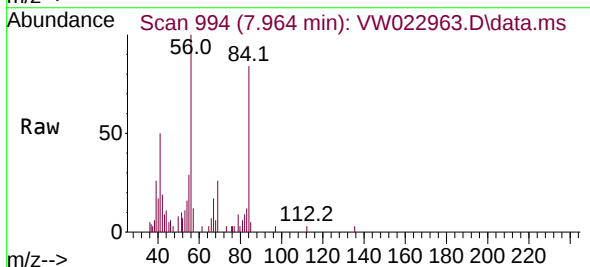
Tgt Ion: 56 Resp: 4808

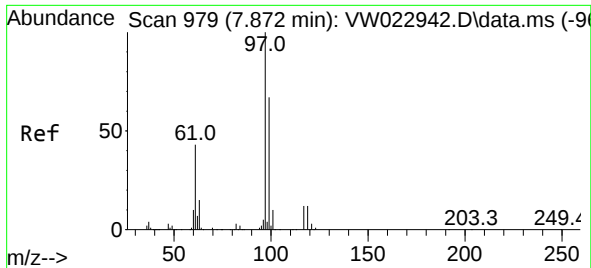
Ion Ratio Lower Upper

56 100

69 33.6 25.6 38.4

84 92.0 78.2 117.4

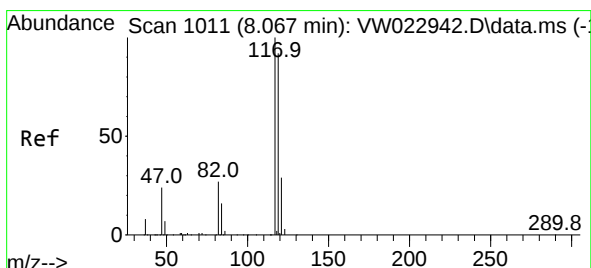
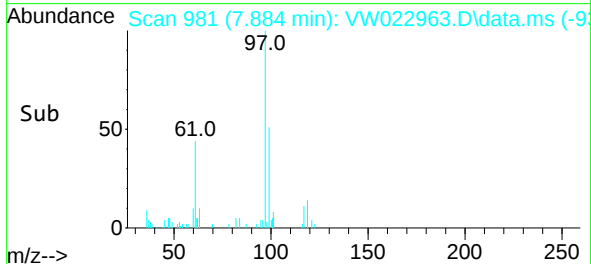
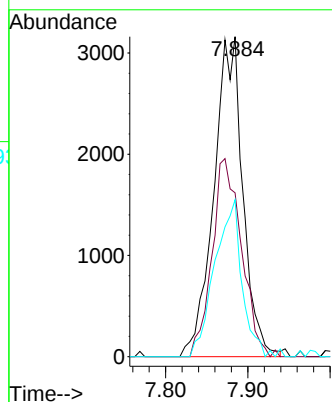
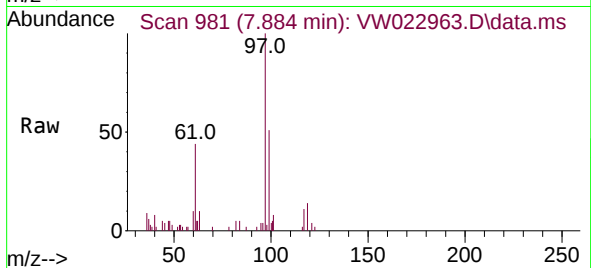




#30
1,1,1-Trichloroethane
Concen: 44.428 ug/L
RT: 7.884 min Scan# 981
Delta R.T. 0.012 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

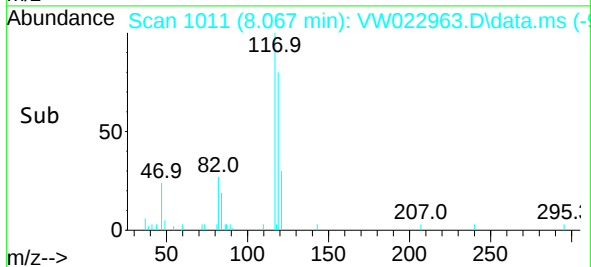
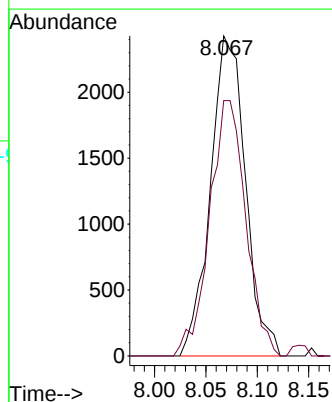
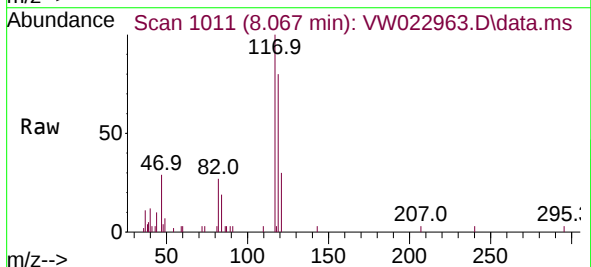
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

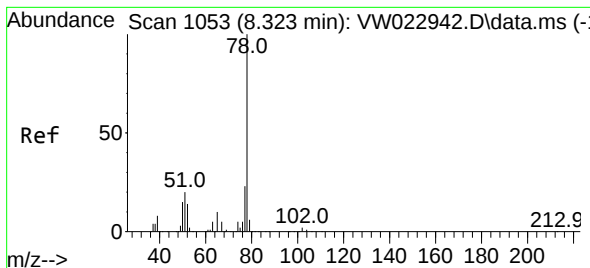
Tgt Ion: 97 Resp: 7761
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.4
61 45.5 34.8 52.2



#31
Carbon tetrachloride
Concen: 35.219 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 117 Resp: 5755
Ion Ratio Lower Upper
117 100
119 82.4 76.6 115.0





#33

Benzene

Concen: 39.140 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

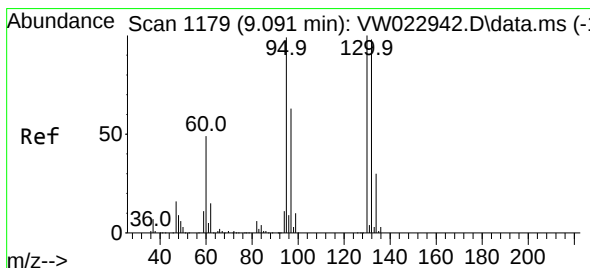
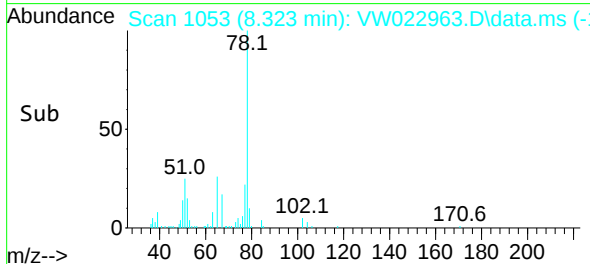
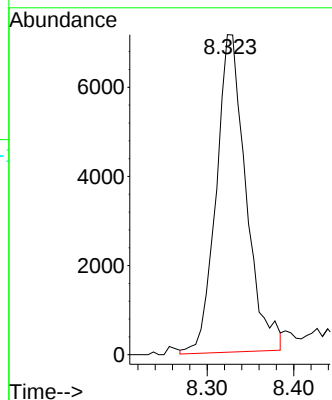
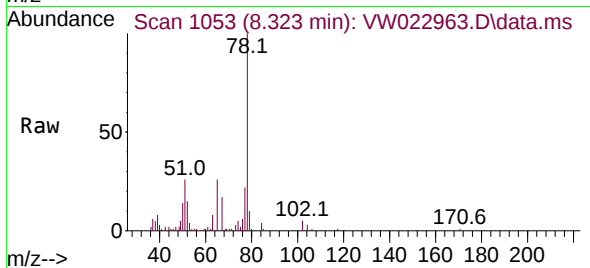
Instrument :

MSVOA_W

ClientSampleId :

EW4F3MSD

Tgt Ion: 78 Resp: 17044



#34

Trichloroethene

Concen: 27.873 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Tgt Ion: 95 Resp: 3338

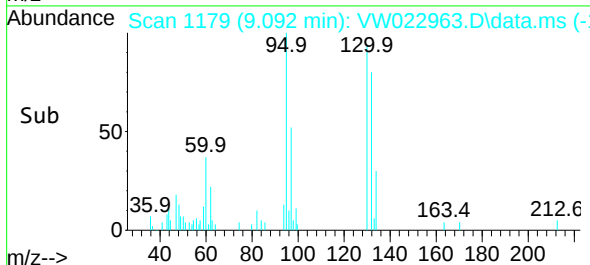
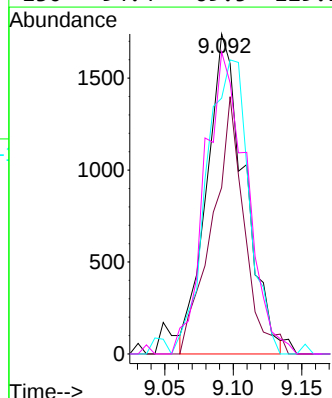
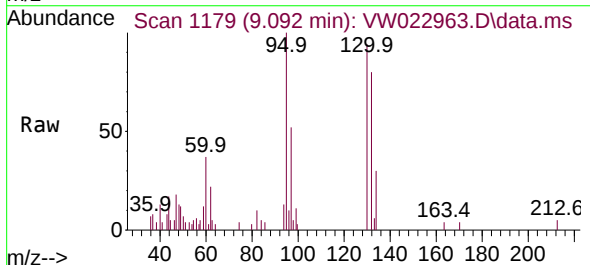
Ion Ratio Lower Upper

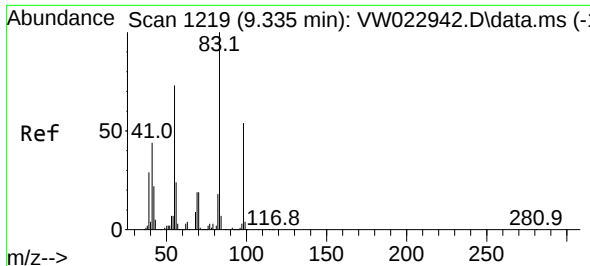
95 100

97 52.0 46.1 85.7

132 79.9 66.9 124.3

130 94.4 69.5 129.1

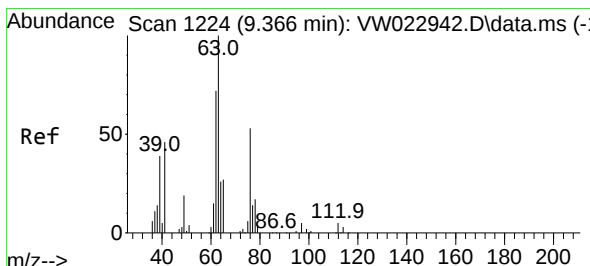
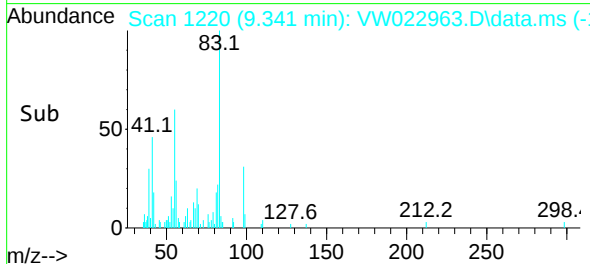
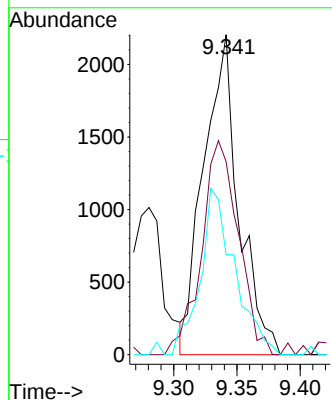
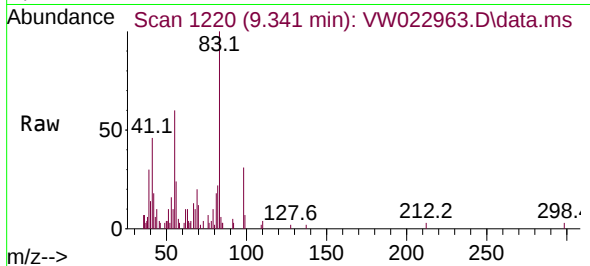




#35
Methylcyclohexane
Concen: 21.567 ug/L
RT: 9.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

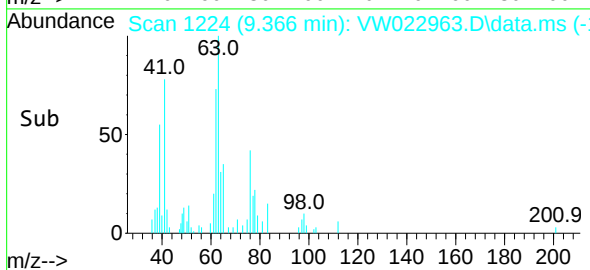
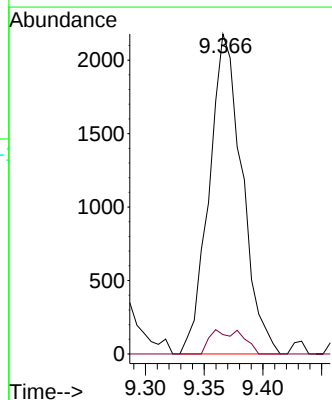
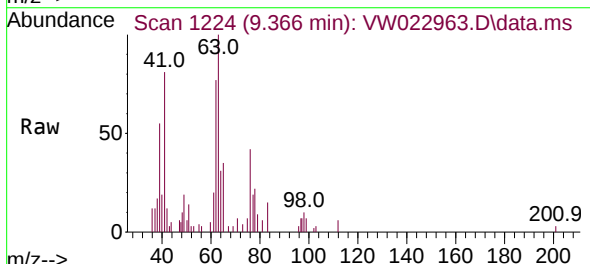
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

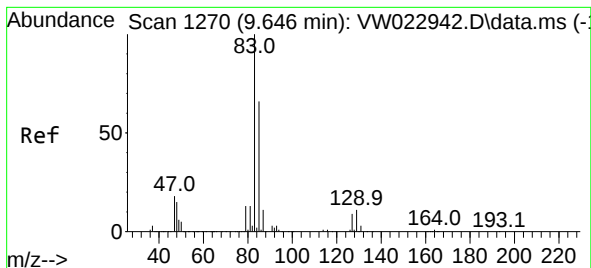
Tgt Ion: 83 Resp: 4243
Ion Ratio Lower Upper
83 100
55 70.6 55.1 82.7
98 51.3 40.4 60.6



#37
1,2-Dichloropropane
Concen: 40.292 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 63 Resp: 4246
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8





#38

Bromodichloromethane

Concen: 38.622 ug/L

RT: 9.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

EW4F3MSD

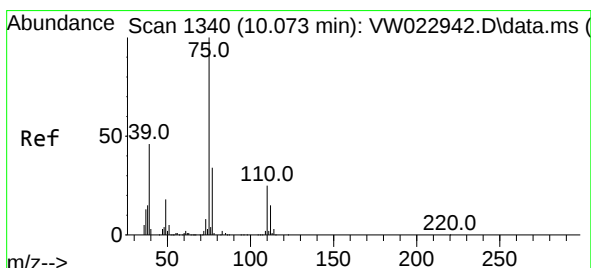
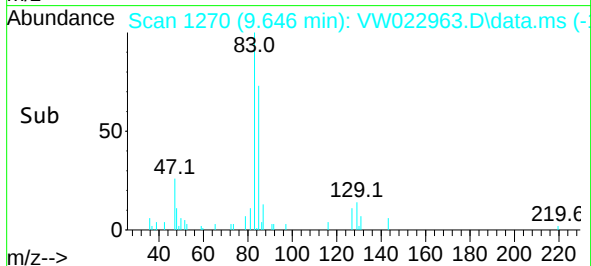
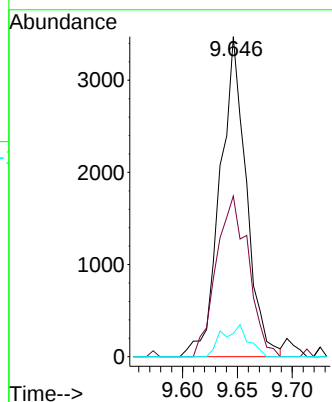
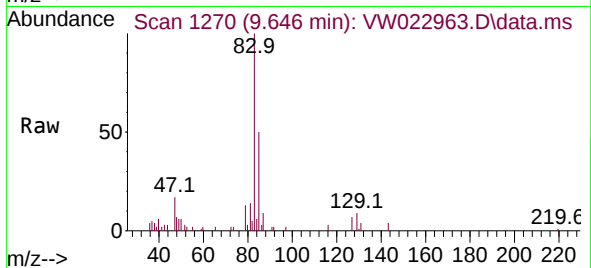
Tgt Ion: 83 Resp: 5781

Ion Ratio Lower Upper

83 100

85 50.2 43.5 80.7

127 7.3 7.1 10.7



#39

cis-1,3-Dichloropropene

Concen: 27.723 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022963.D

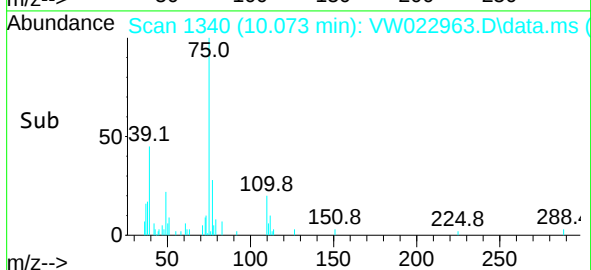
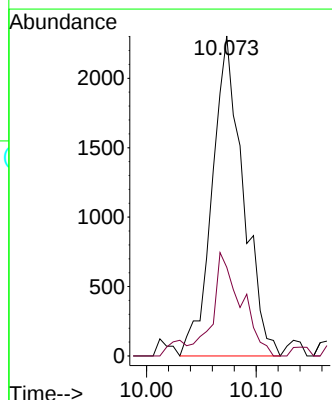
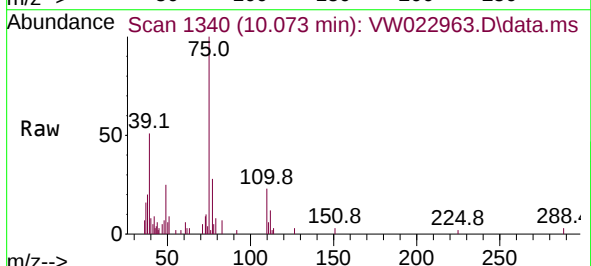
Acq: 10 May 2022 18:13

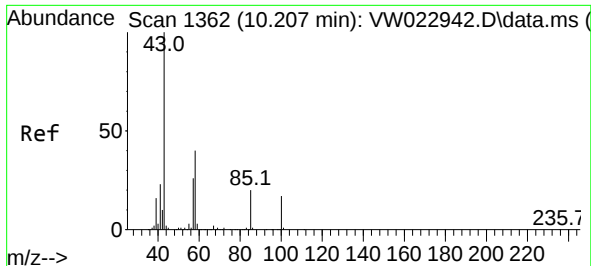
Tgt Ion: 75 Resp: 4530

Ion Ratio Lower Upper

75 100

77 27.7 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 61.727 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

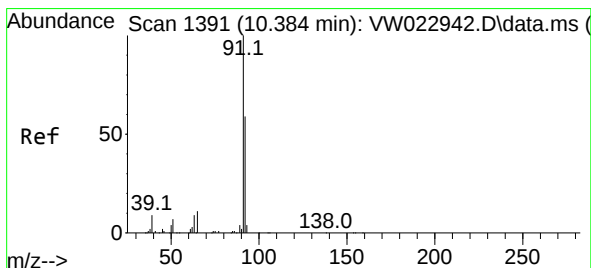
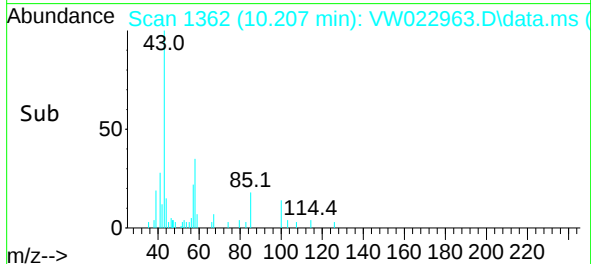
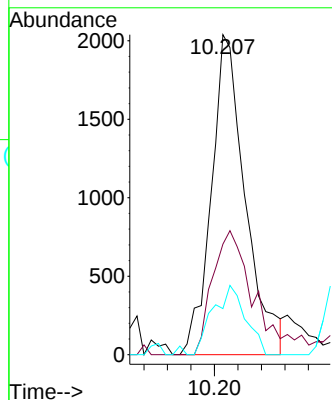
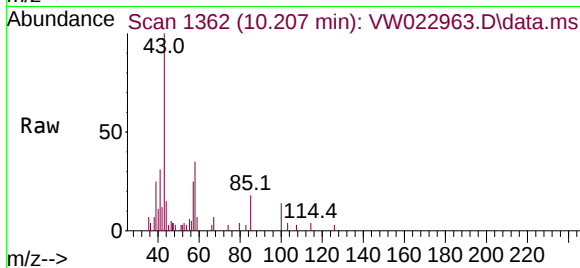
Instrument :

MSVOA_W

ClientSampleId :

EW4F3MSD

Tgt Ion:	43	Resp:	4100
Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.4	47.2#
100	8.8	14.2	21.4#



#42

Toluene

Concen: 29.706 ug/L

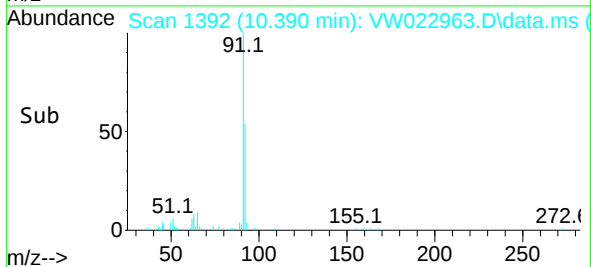
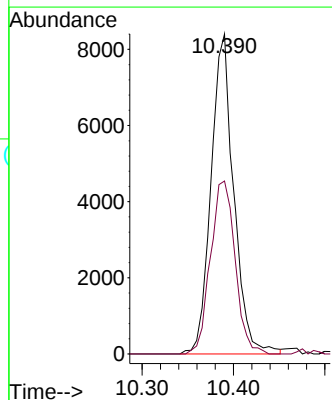
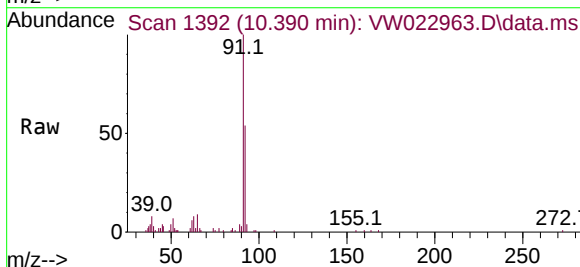
RT: 10.390 min Scan# 1392

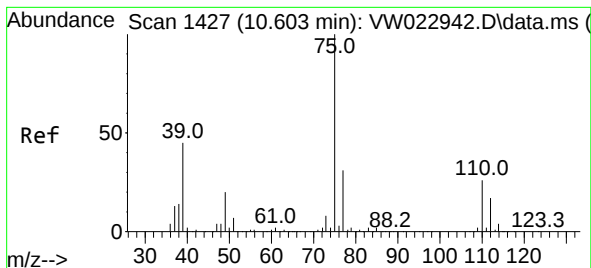
Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Tgt Ion:	91	Resp:	14497
Ion	Ratio	Lower	Upper
91	100		
92	54.1	41.6	77.2

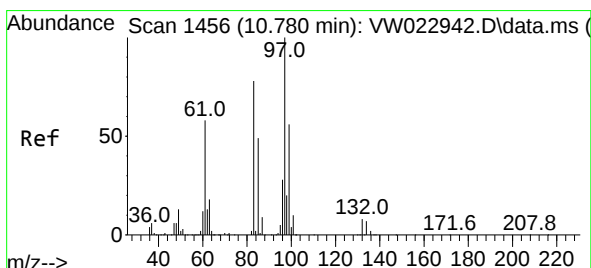
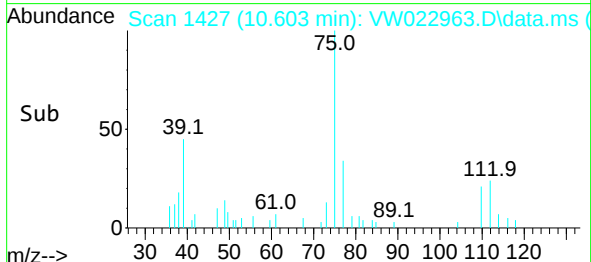
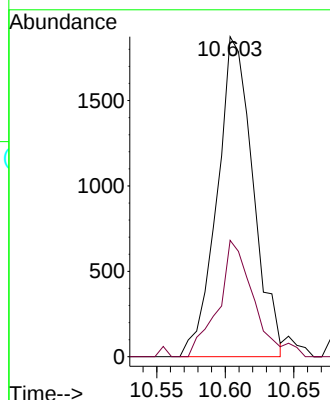
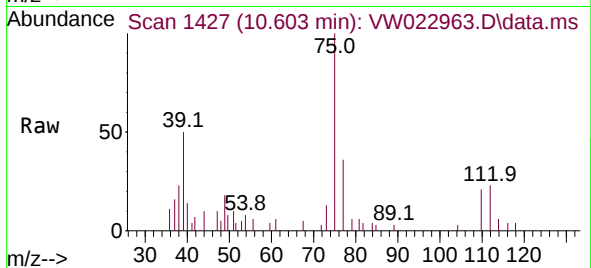




#44
trans-1,3-Dichloropropene
Concen: 23.497 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

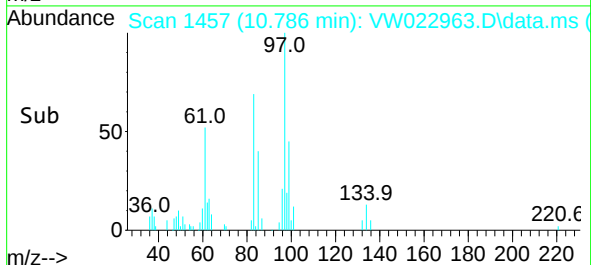
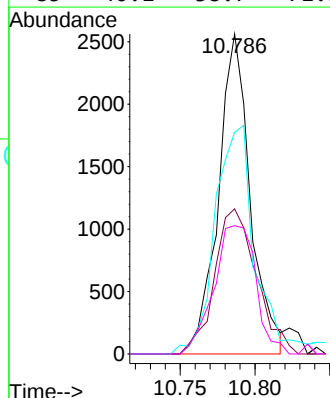
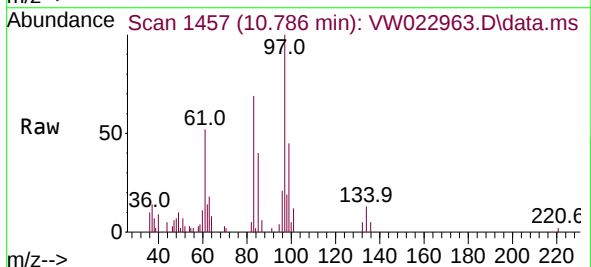
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

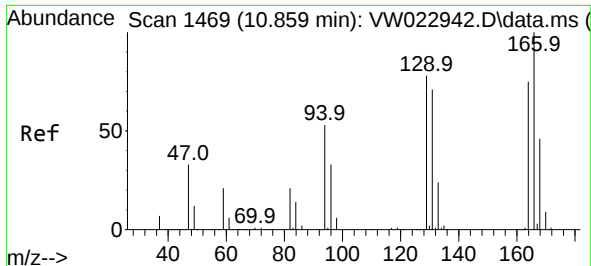
Tgt Ion: 75 Resp: 3427
Ion Ratio Lower Upper
75 100
77 36.3 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 43.237 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 97 Resp: 3809
Ion Ratio Lower Upper
97 100
99 45.3 44.7 82.9
83 69.2 58.4 108.4
85 40.1 38.7 71.9

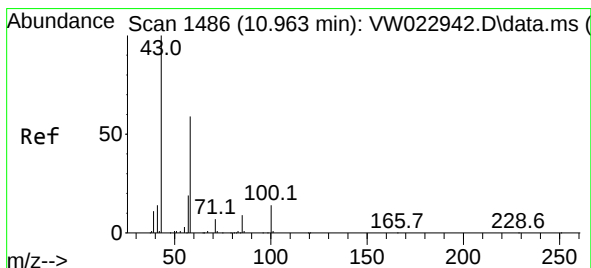
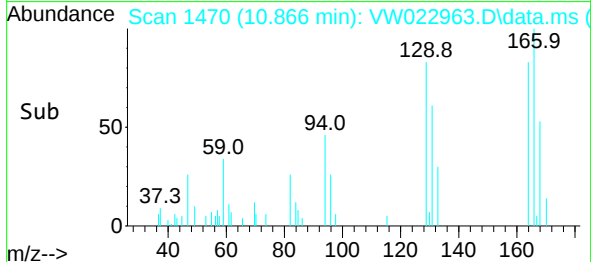
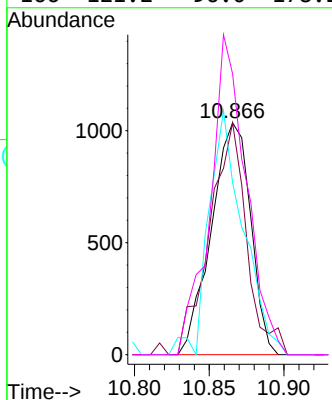
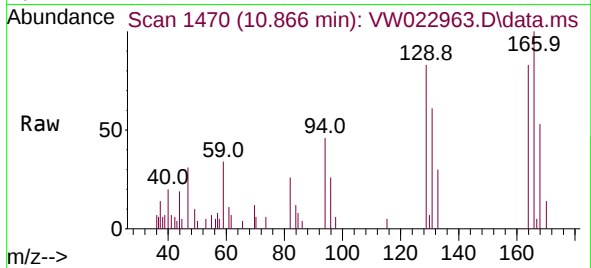




#46
Tetrachloroethene
Concen: 21.000 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

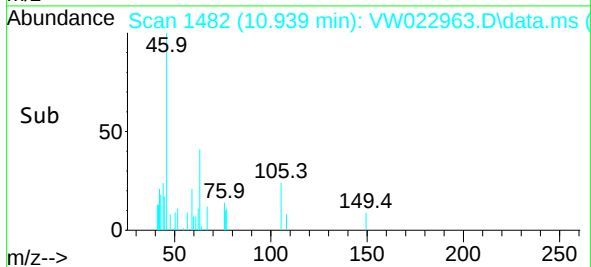
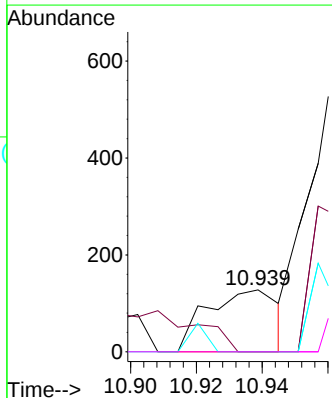
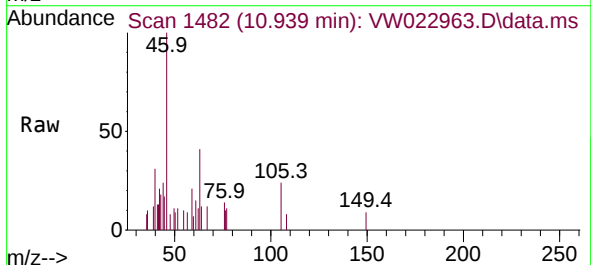
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

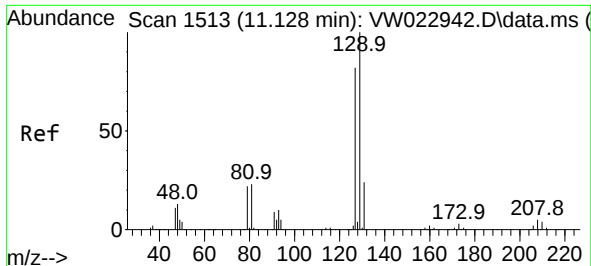
Tgt Ion:164 Resp: 1890
Ion Ratio Lower Upper
164 100
129 100.0 76.9 142.7
131 74.3 75.1 139.5#
166 121.2 96.0 178.2



#48
2-Hexanone
Concen: 4.371 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.024 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 20.1 45.9 68.9#
57 118.0 16.2 24.2#
100 26.3 10.7 16.1#





#49

Dibromochloromethane

Concen: 30.898 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

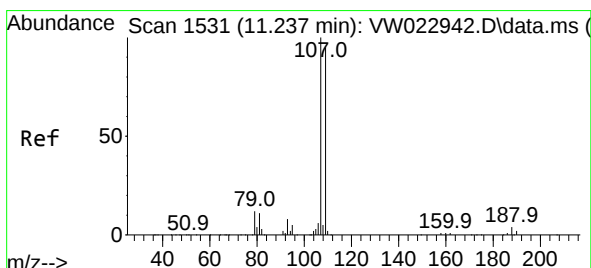
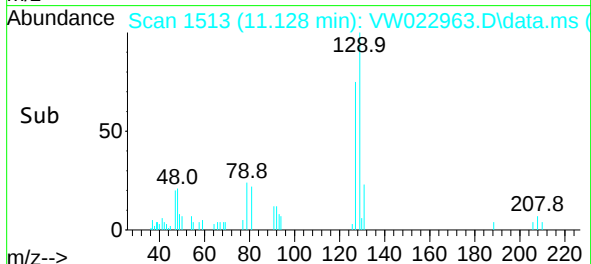
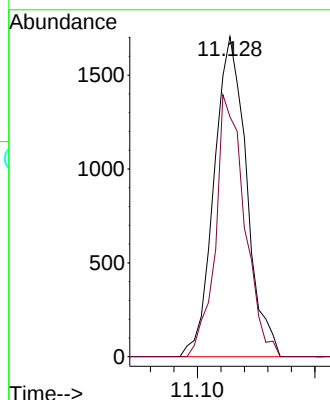
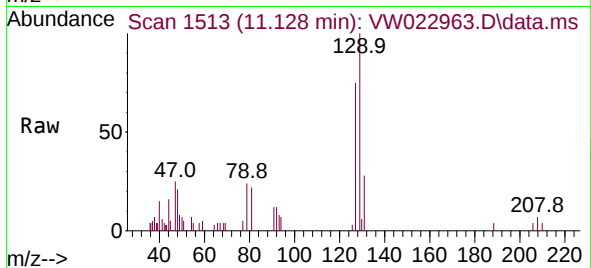
EW4F3MSD

Tgt Ion:129 Resp: 3276

Ion Ratio Lower Upper

129 100

127 75.0 53.8 100.0



#50

1,2-Dibromoethane

Concen: 29.381 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

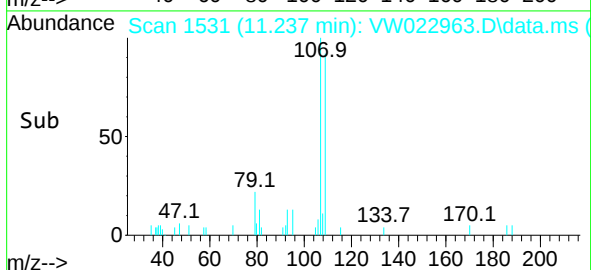
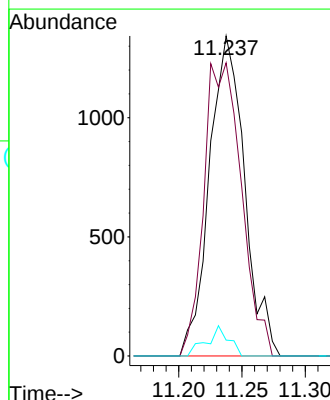
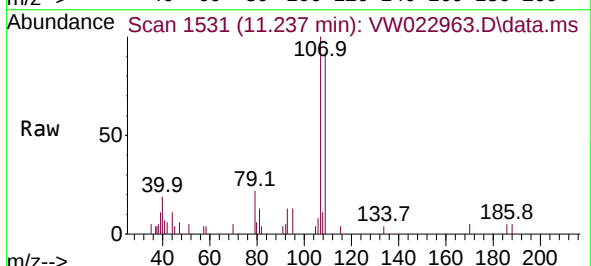
Tgt Ion:107 Resp: 2599

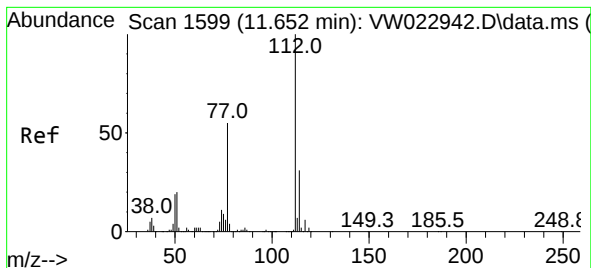
Ion Ratio Lower Upper

107 100

109 91.6 67.5 125.4

188 5.0 2.9 4.3#

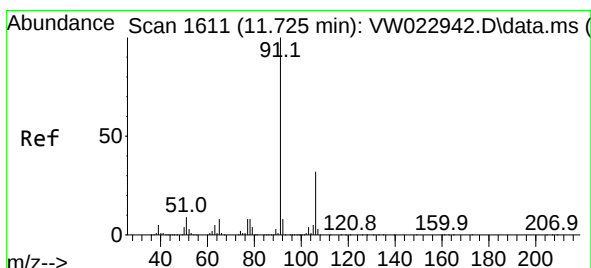
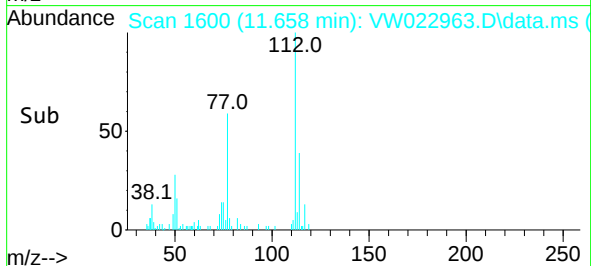
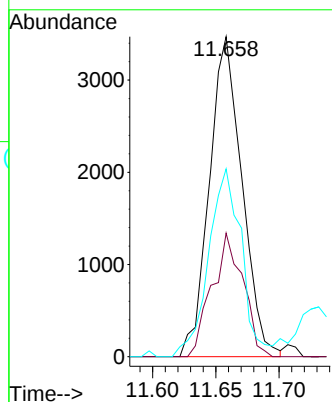
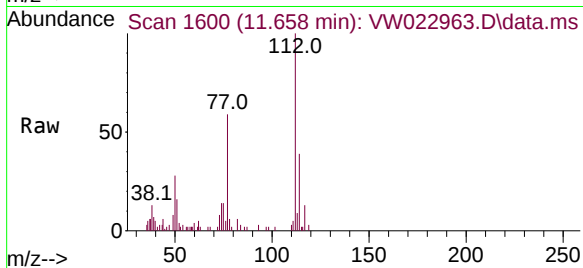




#51
Chlorobenzene
Concen: 19.373 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

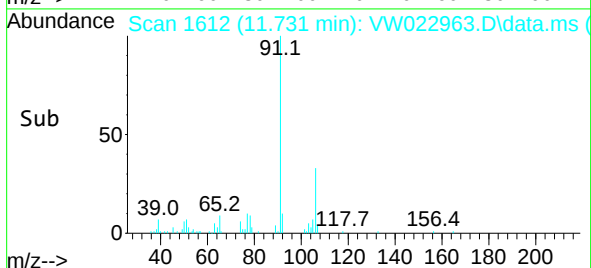
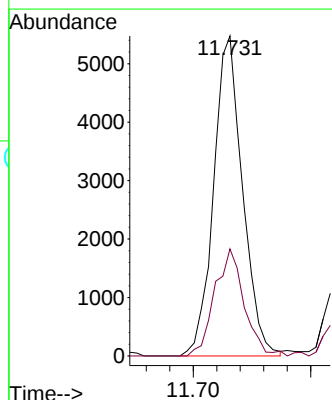
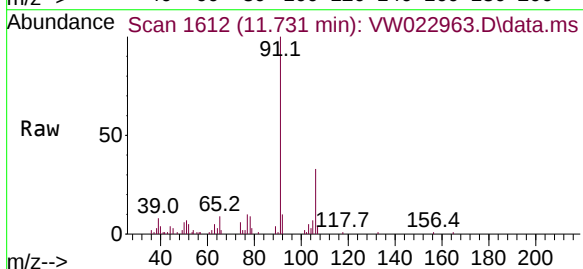
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

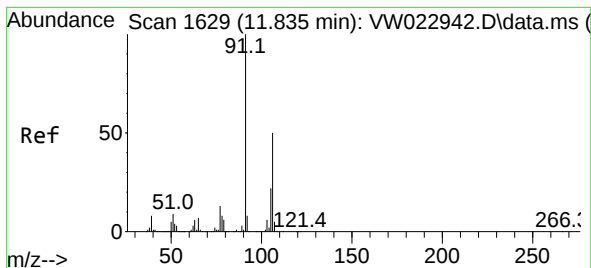
Tgt Ion:	112	Resp:	6233
Ion	Ratio	Lower	Upper
112	100		
114	38.6	22.0	41.0
77	58.7	42.6	63.8



#52
Ethylbenzene
Concen: 17.229 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion:	91	Resp:	9354
Ion	Ratio	Lower	Upper
91	100		
106	33.5	22.3	41.3

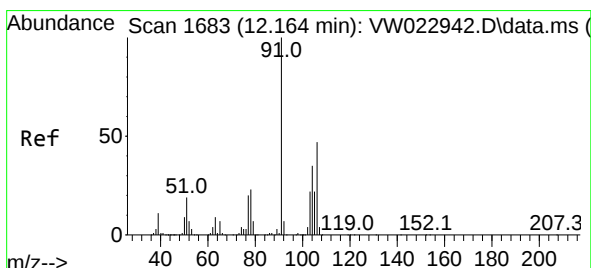
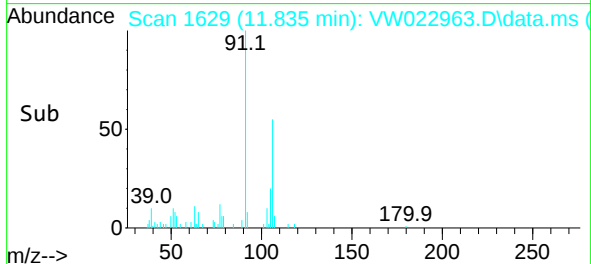
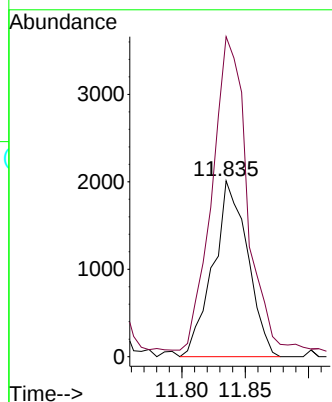
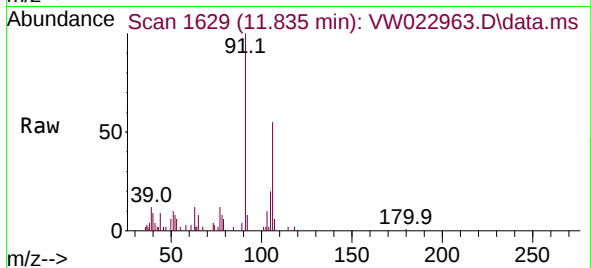




#53
m,p-Xylene
Concen: 17.805 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

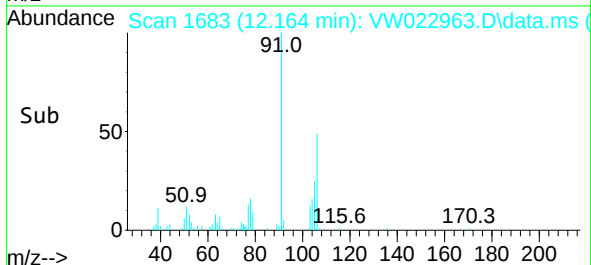
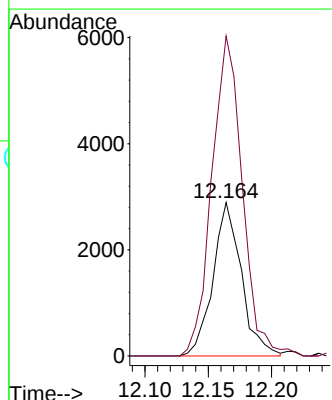
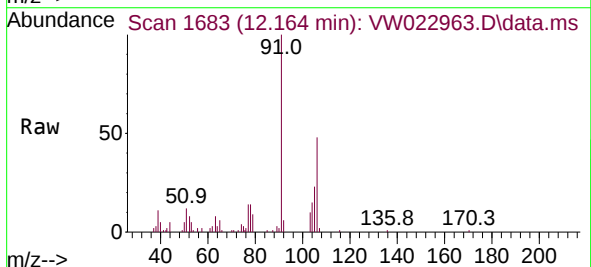
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

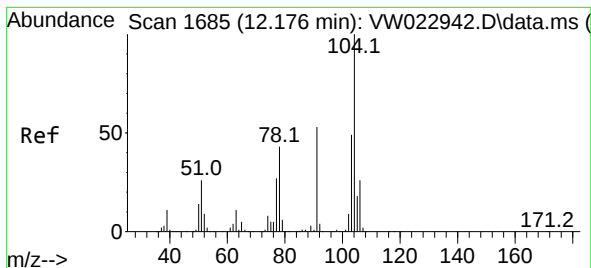
Tgt Ion:106 Resp: 3809
Ion Ratio Lower Upper
106 100
91 182.0 136.8 254.0



#54
o-Xylene
Concen: 21.979 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion:106 Resp: 4512
Ion Ratio Lower Upper
106 100
91 208.5 147.2 273.4





#55

Styrene

Concen: 13.101 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

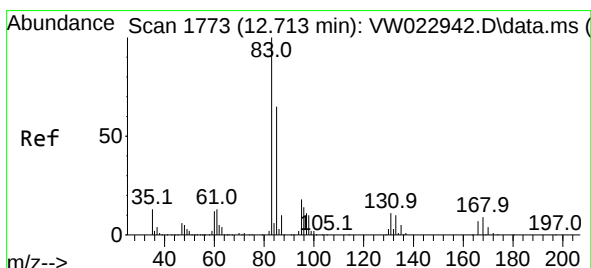
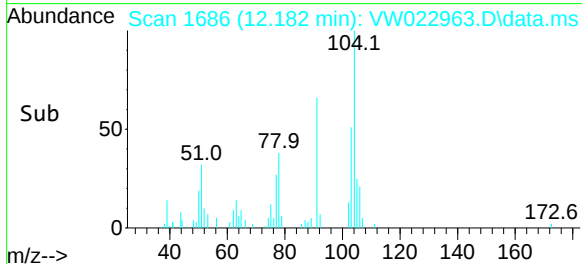
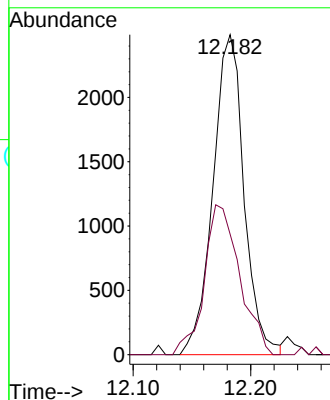
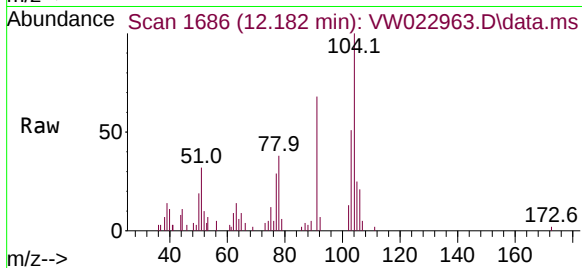
EW4F3MSD

Tgt Ion:104 Resp: 4570

Ion Ratio Lower Upper

104 100

78 37.7 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 35.535 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

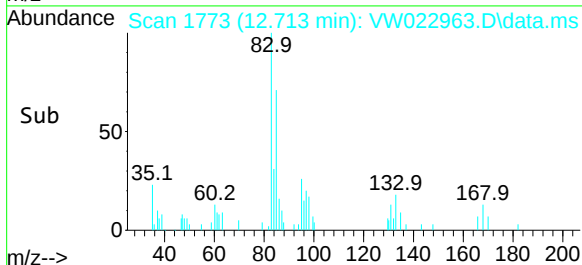
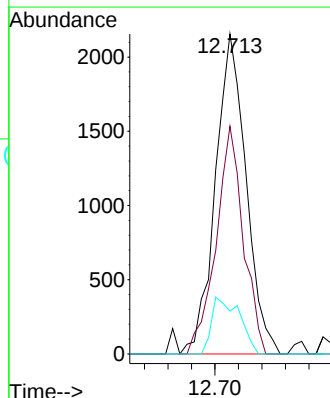
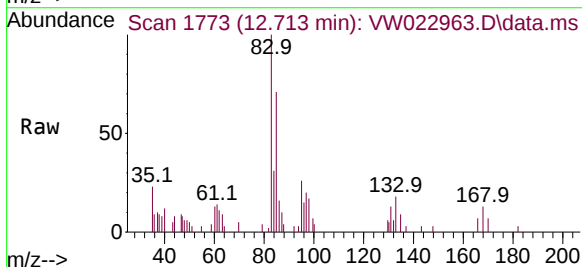
Tgt Ion: 83 Resp: 3910

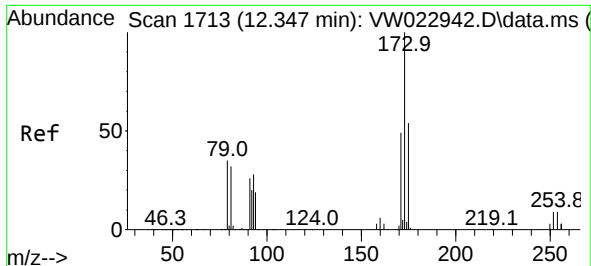
Ion Ratio Lower Upper

83 100

85 71.2 47.5 88.1

131 13.4 8.7 13.1#

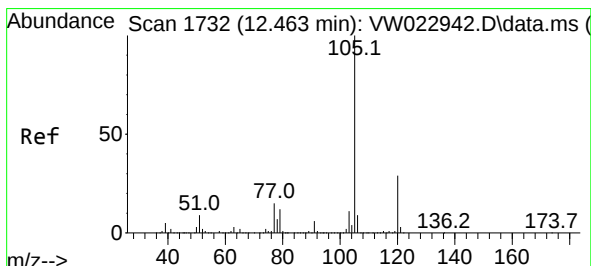
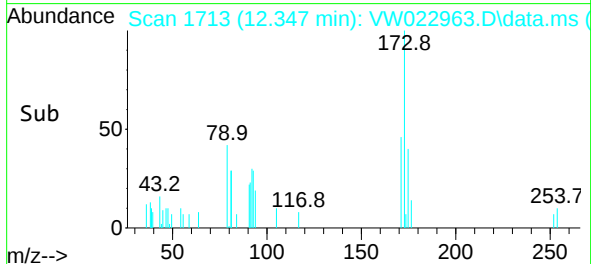
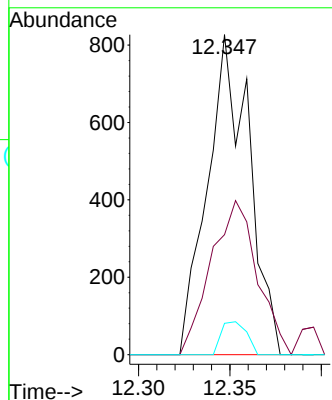
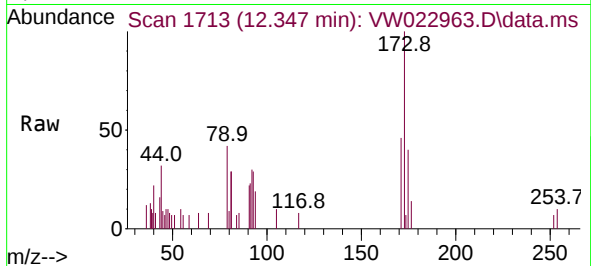




#59
Bromoform
Concen: 71.051 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

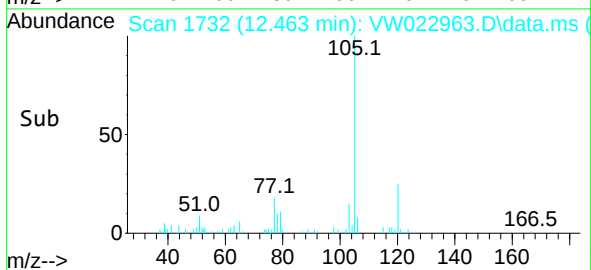
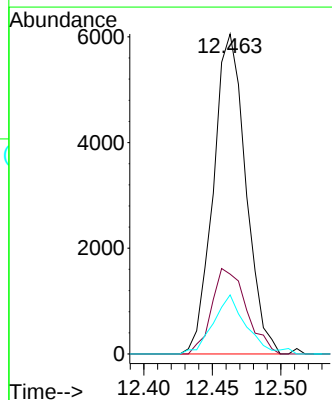
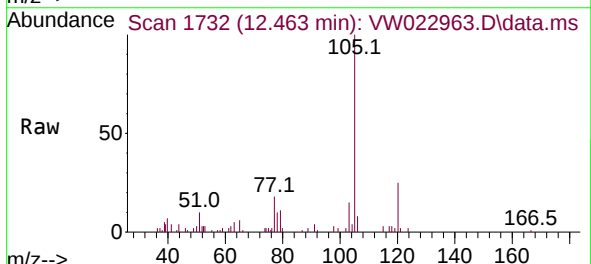
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

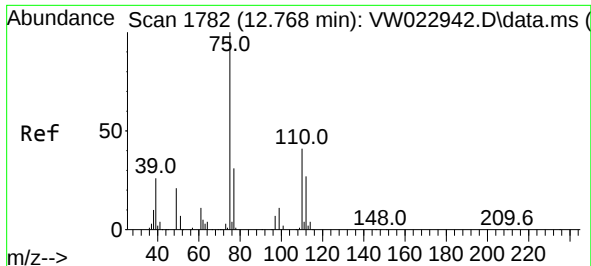
Tgt Ion:173 Resp: 1311
Ion Ratio Lower Upper
173 100
175 53.5 38.1 57.1
254 6.3 6.5 9.7#



#60
Isopropylbenzene
Concen: 55.823 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion:105 Resp: 9957
Ion Ratio Lower Upper
105 100
120 28.5 21.3 31.9
77 18.2 12.6 19.0

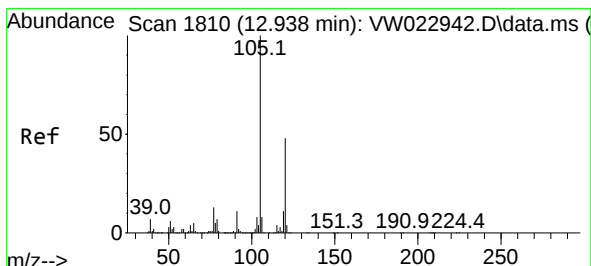
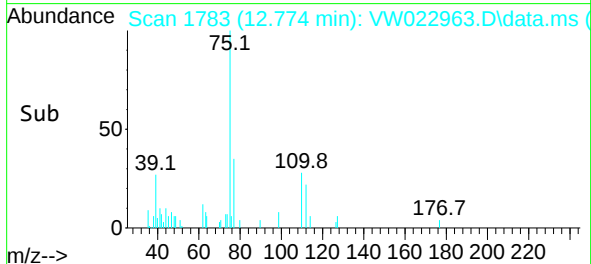
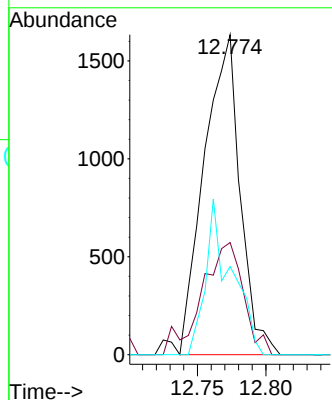
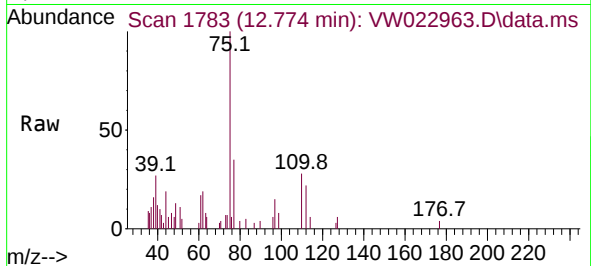




#61
1,2,3-Trichloropropane
Concen: 114.471 ug/L
RT: 12.774 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

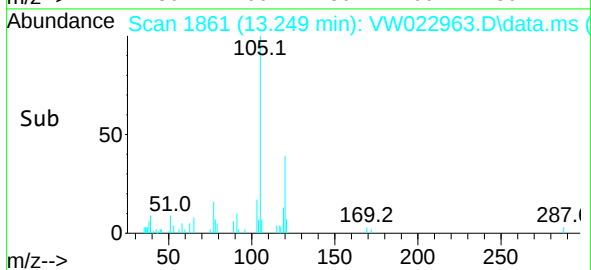
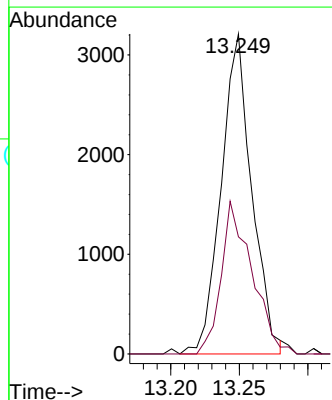
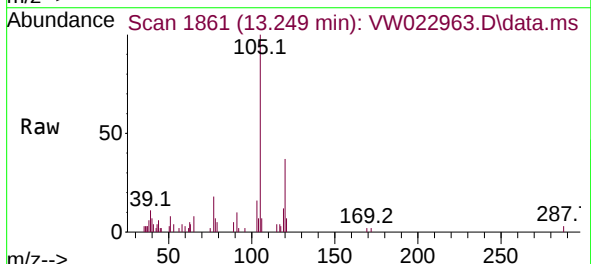
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

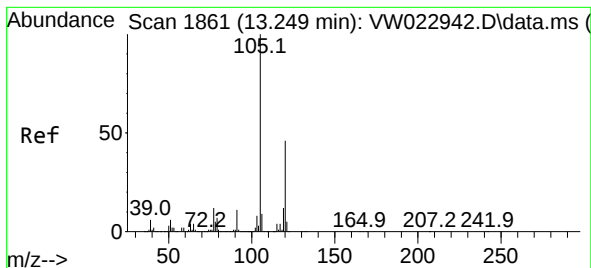
Tgt Ion: 75 Resp: 2978
Ion Ratio Lower Upper
75 100
77 37.9 26.2 39.2
110 20.3 34.1 51.1#



#62
1,3,5-Trimethylbenzene
Concen: 50.285 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion: 105 Resp: 4990
Ion Ratio Lower Upper
105 100
120 48.1 38.9 58.3





#63

1,2,4-Trimethylbenzene

Concen: 33.490 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

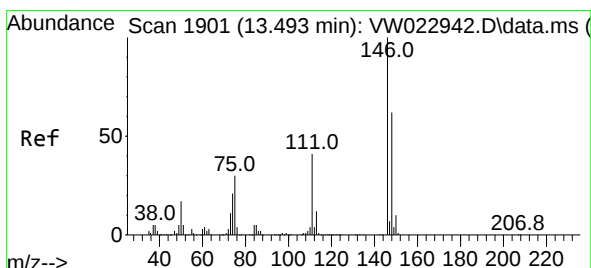
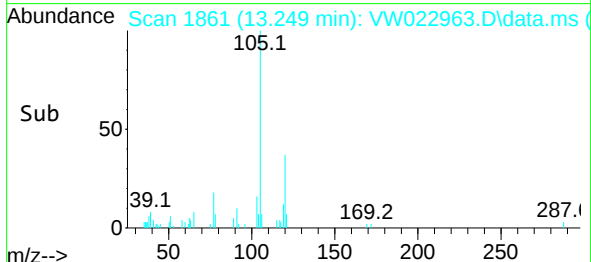
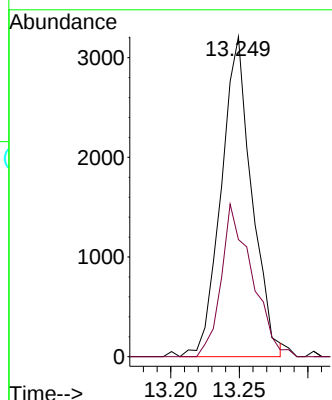
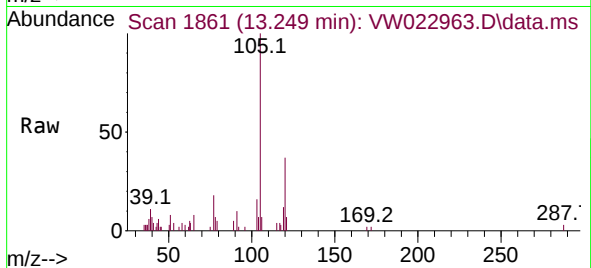
EW4F3MSD

Tgt Ion:105 Resp: 4990

Ion Ratio Lower Upper

105 100

120 48.1 37.4 56.2



#64

1,3-Dichlorobenzene

Concen: 19.338 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

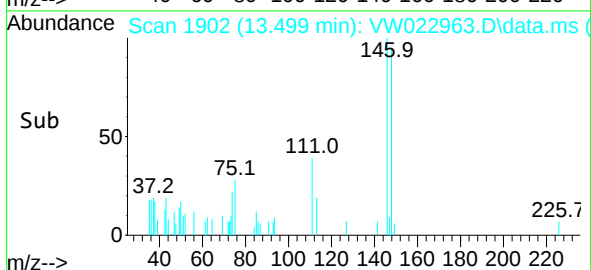
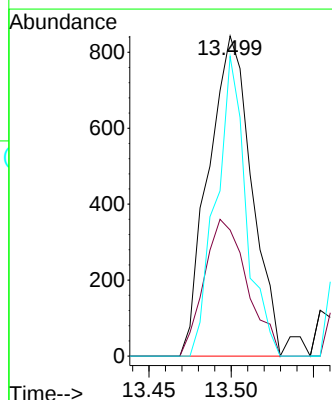
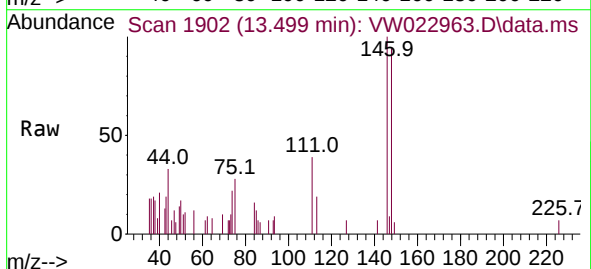
Tgt Ion:146 Resp: 1540

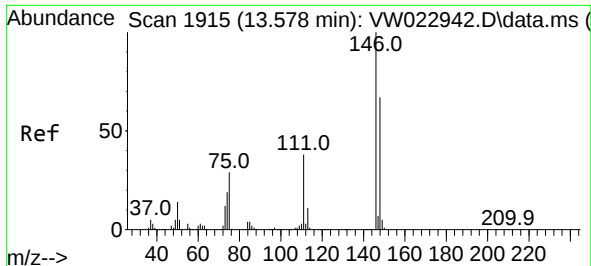
Ion Ratio Lower Upper

146 100

111 39.4 29.5 54.9

148 93.6 48.6 90.2#

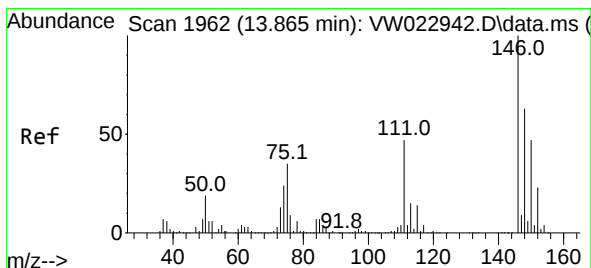
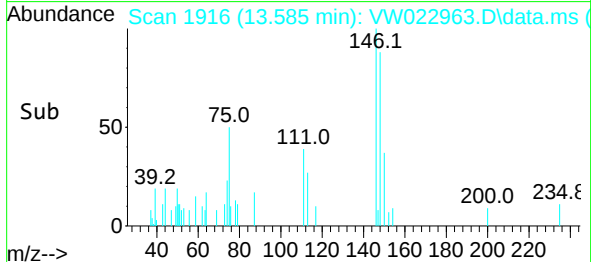
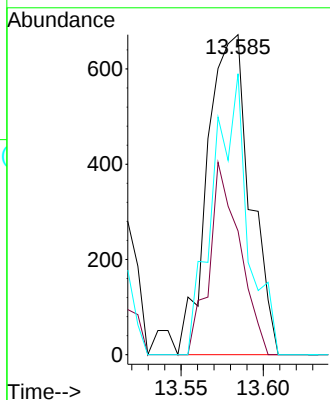
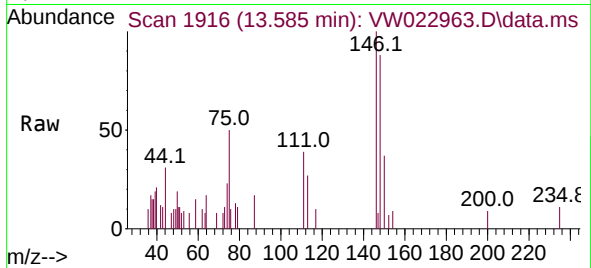




#65
1,4-Dichlorobenzene
Concen: 14.783 ug/L
RT: 13.585 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

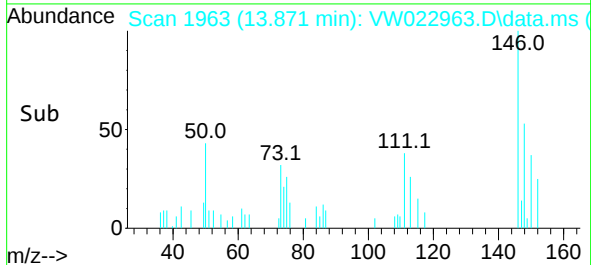
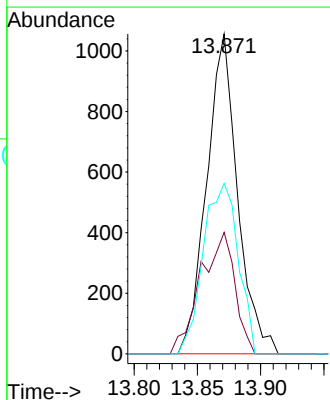
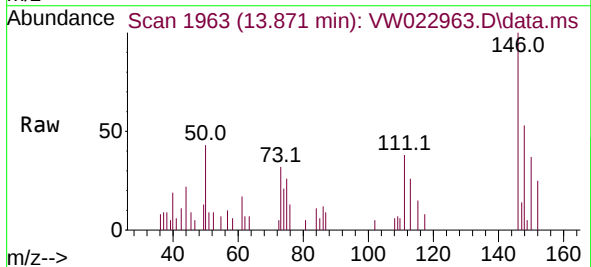
Instrument :
MSVOA_W
ClientSampleId :
EW4F3MSD

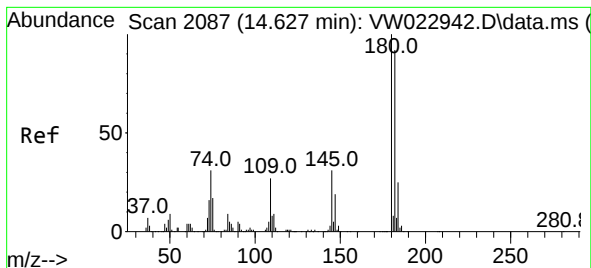
Tgt Ion:146 Resp: 1216
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 87.8 44.0 81.6#



#67
1,2-Dichlorobenzene
Concen: 24.632 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022963.D
Acq: 10 May 2022 18:13

Tgt Ion:146 Resp: 1795
Ion Ratio Lower Upper
146 100
111 38.0 35.7 53.5
148 53.3 52.6 79.0





#69

1,3,5-Trichlorobenzene

Concen: 11.180 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022963.D

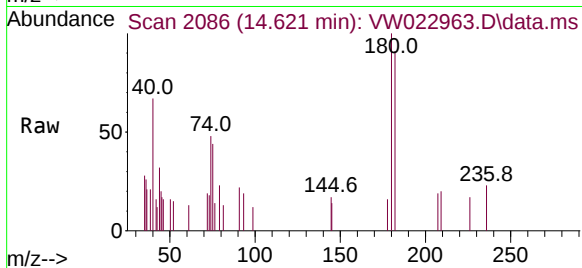
Acq: 10 May 2022 18:13

Instrument :

MSVOA_W

ClientSampleId :

EW4F3MSD



Tgt Ion:180 Resp: 591

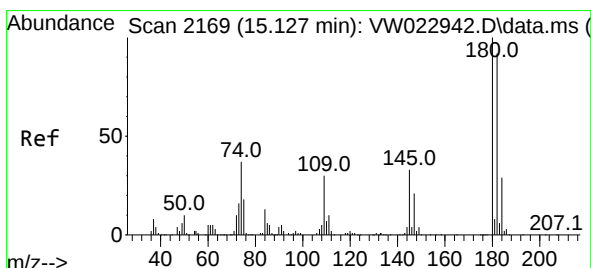
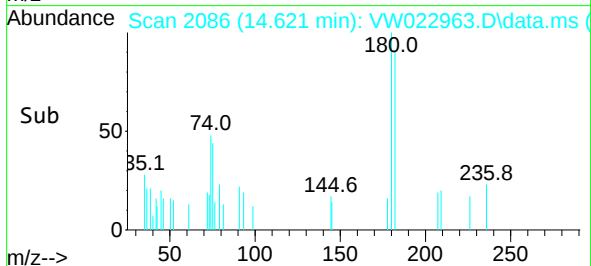
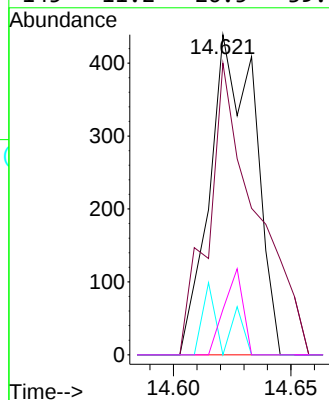
Ion Ratio Lower Upper

180 100

182 95.3 74.8 112.2

184 4.1 23.4 35.2#

145 11.2 26.5 39.7#



#70

1,2,4-trichlorobenzene

Concen: 1.152 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

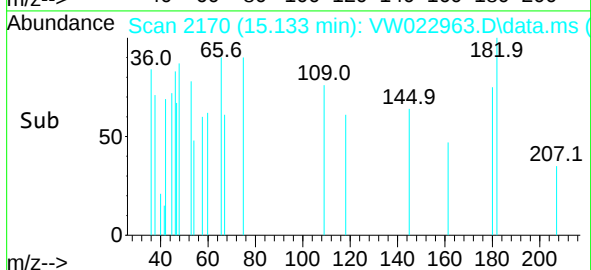
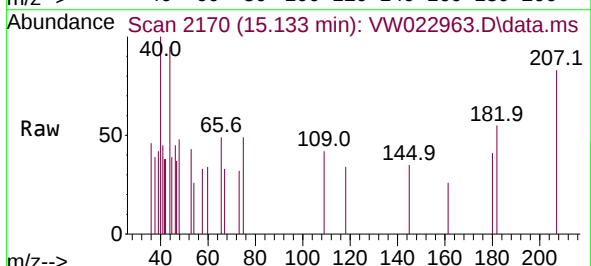
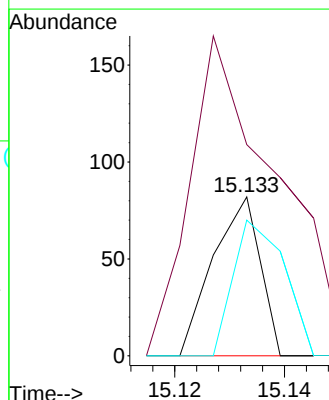
Tgt Ion:180 Resp: 49

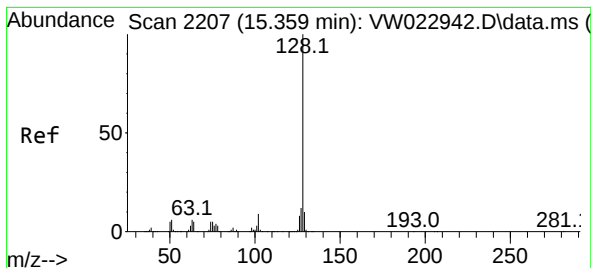
Ion Ratio Lower Upper

180 100

182 369.4 74.9 112.3#

145 91.8 26.6 39.8#





#71

Naphthalene

Concen: 10.582 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

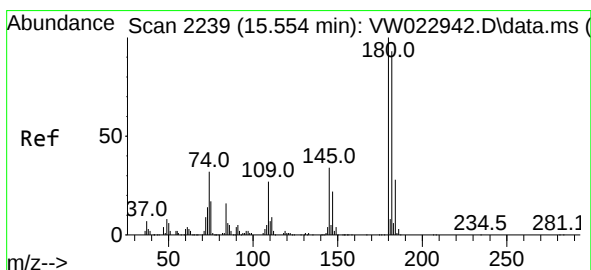
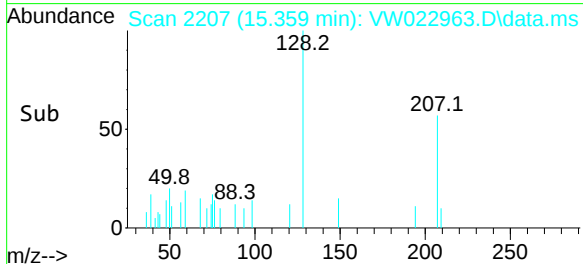
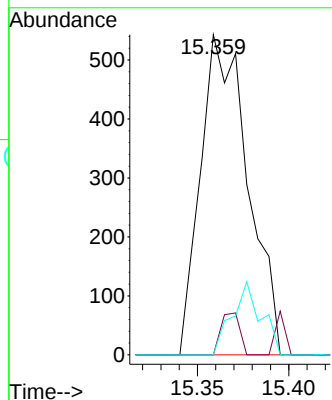
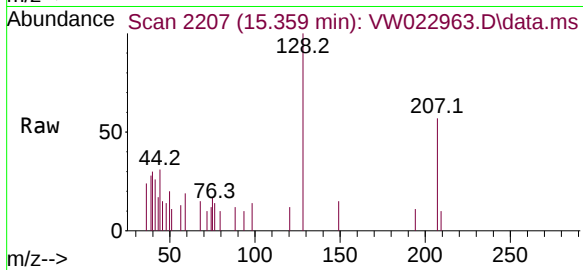
Instrument :

MSVOA_W

ClientSampleId :

EW4F3MSD

Tgt Ion:128	Resp:	978
Ion	Ratio	Lower Upper
128	100	
127	5.2	10.6 16.0#
129	13.9	8.7 13.1#



#72

1,2,3-Trichlorobenzene

Concen: 1.114 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW022963.D

Acq: 10 May 2022 18:13

Tgt Ion:180	Resp:	42
Ion	Ratio	Lower Upper
180	100	
182	0.0	73.5 110.3#
145	0.0	27.9 41.9#

