

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024069.D
 Acq On : 25 Jul 2022 15:41
 Operator : SY/VA
 Sample : N3823-08MS
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MS

Quant Time: Jul 26 01:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	166608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100178	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	106727	31.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.360%	
7) Chloroethane-d5	2.873	69	61197	27.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.080%	
11) 1,1-Dichloroethene-d2	4.007	63	76810	26.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.120%	
21) 2-Butanone-d5	7.080	46	38026	63.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.680%	
24) Chloroform-d	7.647	84	113162	26.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.280%	
26) 1,2-Dichloroethane-d4	8.305	65	71918	29.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 116.480%	
32) Benzene-d6	8.275	84	207802	26.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.400%	
36) 1,2-Dichloropropane-d6	9.274	67	64137	26.273	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.080%	
41) Toluene-d8	10.323	98	209341	27.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.200%	
43) trans-1,3-Dichloroprop...	10.579	79	30414	28.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 112.400%	
47) 2-Hexanone-d5	10.920	63	32841	64.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.700%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82646	29.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.360%	
66) 1,2-Dichlorobenzene-d4	13.853	152	79374	24.465	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	16563	14.342	ug/L	98
3) Chloromethane	2.209	50	70465	23.502	ug/L	95
5) Vinyl chloride	2.349	62	120958	25.884	ug/L	97
6) Bromomethane	2.769	94	66163	25.628	ug/L	94
8) Chloroethane	2.910	64	46982	22.854	ug/L	100
9) Trichlorofluoromethane	3.245	101	54172	24.901	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	48033	23.840	ug/L #	74
12) 1,1-Dichloroethene	4.031	96	38586	23.365	ug/L	92
13) Acetone	4.123	43	29825	70.557	ug/L	97
14) Carbon disulfide	4.373	76	116632	22.994	ug/L #	95
15) Methyl Acetate	4.672	43	27854	27.316	ug/L	98
16) Methylene chloride	4.909	84	65285	27.431	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	46835	23.179	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	81612	27.248	ug/L	97
19) 1,1-Dichloroethane	6.208	63	89781	23.523	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	52969	23.873	ug/L #	98
22) 2-Butanone	7.177	43	42172	62.157	ug/L	98
23) Bromochloromethane	7.506	128	27819	24.363	ug/L	98
25) Chloroform	7.671	83	104456	23.652	ug/L	96

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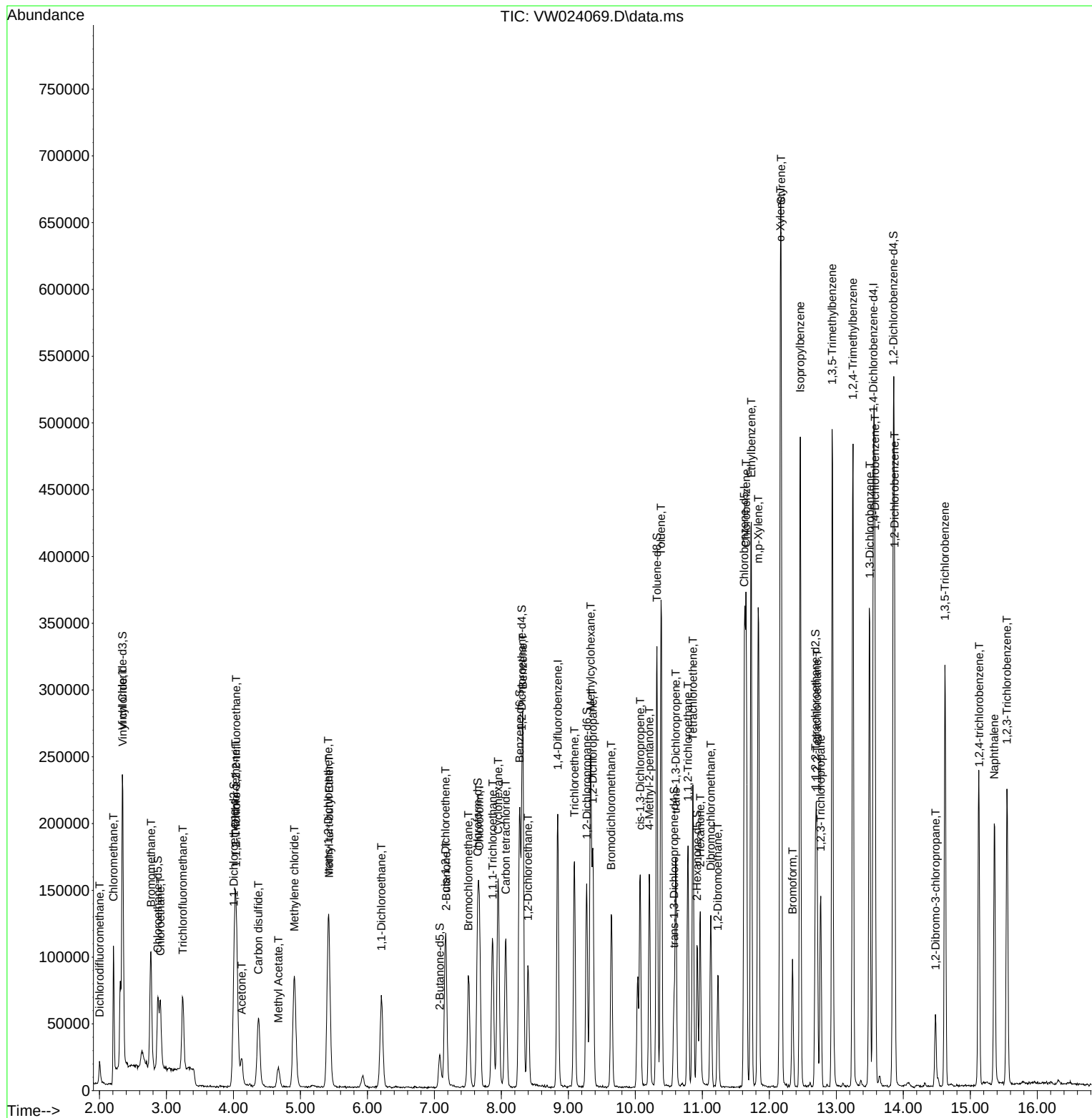
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	79499	25.275	ug/L	99
29) Cyclohexane	7.951	56	72463	23.606	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	84935	22.807	ug/L	99
31) Carbon tetrachloride	8.067	117	79913	23.279	ug/L	99
33) Benzene	8.323	78	223438	23.215	ug/L	100
34) Trichloroethene	9.091	95	55678	21.846	ug/L	96
35) Methylcyclohexane	9.335	83	90709	23.426	ug/L	97
37) 1,2-Dichloropropane	9.366	63	57635	23.686	ug/L #	93
38) Bromodichloromethane	9.640	83	81762	23.567	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	85972	24.250	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	96597	57.049	ug/L	99
42) Toluene	10.384	91	261678	24.036	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	85508	25.469	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	52409	24.655	ug/L	93
46) Tetrachloroethene	10.859	164	45319	22.719	ug/L	96
48) 2-Hexanone	10.969	43	79126	64.484	ug/L	98
49) Dibromochloromethane	11.128	129	62518	25.170	ug/L	94
50) 1,2-Dibromoethane	11.231	107	51260	24.630	ug/L	98
51) Chlorobenzene	11.652	112	171575	23.417	ug/L	97
52) Ethylbenzene	11.731	91	286575	23.886	ug/L	98
53) m,p-Xylene	11.835	106	113381	24.347	ug/L	96
54) o-Xylene	12.164	106	110326	24.773	ug/L	96
55) Styrene	12.176	104	200870	25.177	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	77494	26.304	ug/L	93
59) Bromoform	12.347	173	36950	23.862	ug/L	97
60) Isopropylbenzene	12.463	105	290504	22.894	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54749	24.314	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	246331	24.130	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	241500	23.373	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	137319	22.627	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	143145	22.219	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	131530	23.170	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	12161	24.171	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	86354	22.313	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	65183	22.228	ug/L	93
71) Naphthalene	15.359	128	154891	24.684	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	65640	23.797	ug/L	98

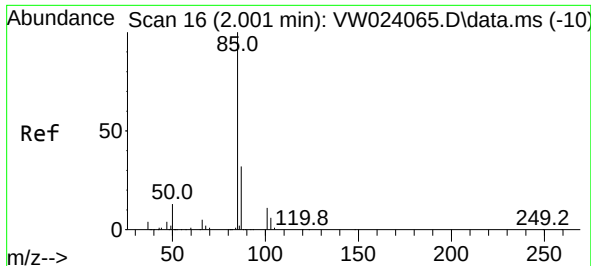
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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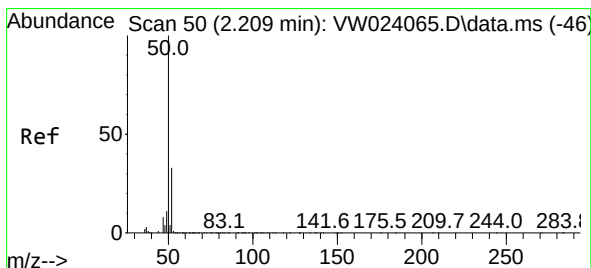
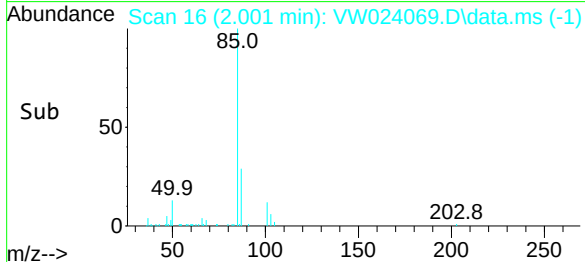
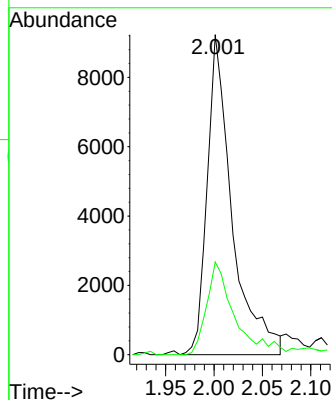
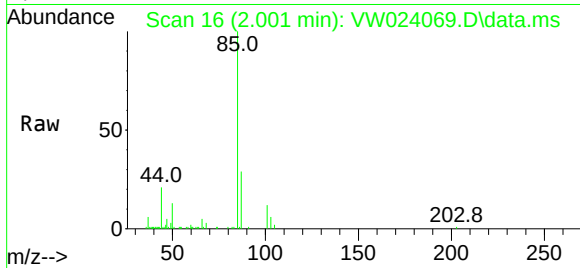




#2
Dichlorodifluoromethane
Concen: 14.342 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

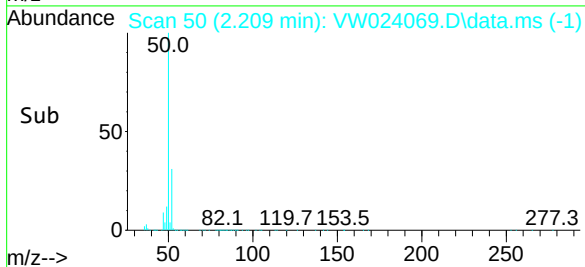
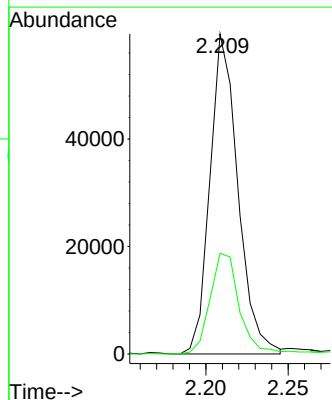
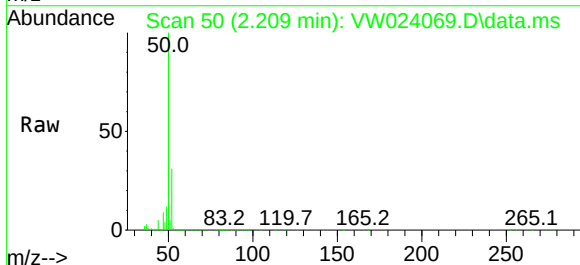
Instrument :
MSVOA_W
ClientSampleId :
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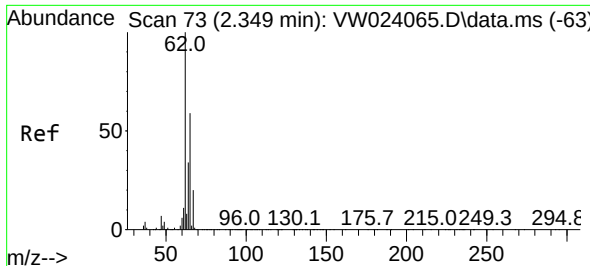
Tgt Ion: 85 Resp: 16563
Ion Ratio Lower Upper
85 100
87 29.3 24.2 36.2



#3
Chloromethane
Concen: 23.502 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 50 Resp: 70465
Ion Ratio Lower Upper
50 100
52 31.4 23.9 44.5

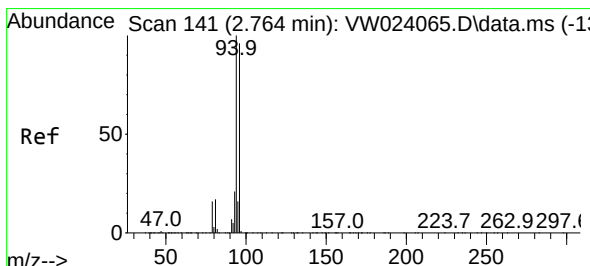
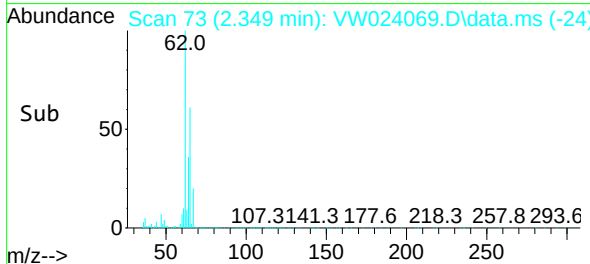
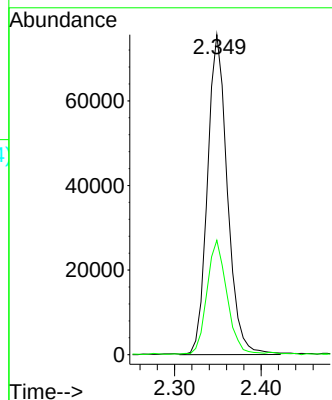
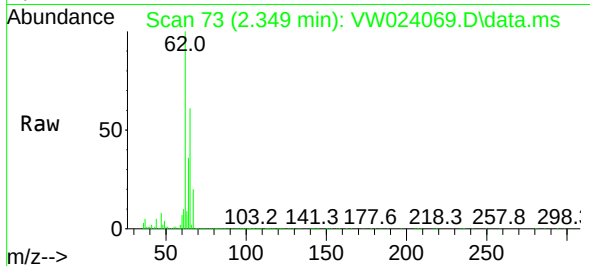




#5
 Vinyl chloride
 Concen: 25.884 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

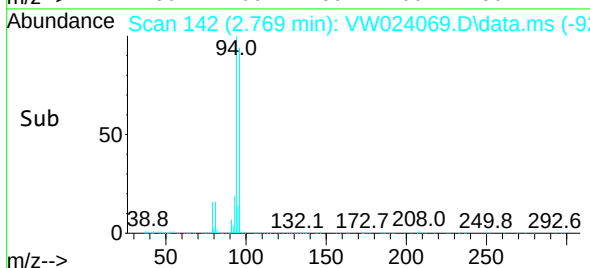
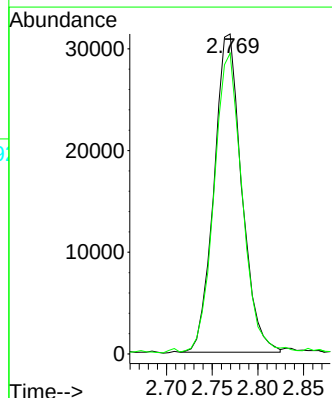
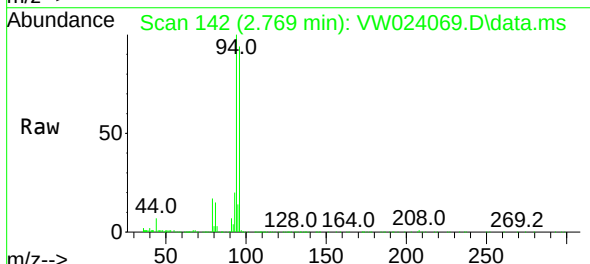
Instrument :
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 ClientSampleId :
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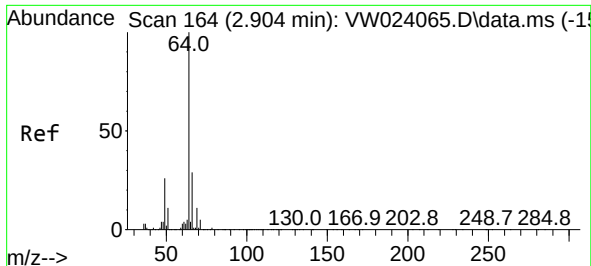
Tgt Ion: 62 Resp: 120958
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.9 44.3



#6
 Bromomethane
 Concen: 25.628 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

Tgt Ion: 94 Resp: 66163
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.9 114.9

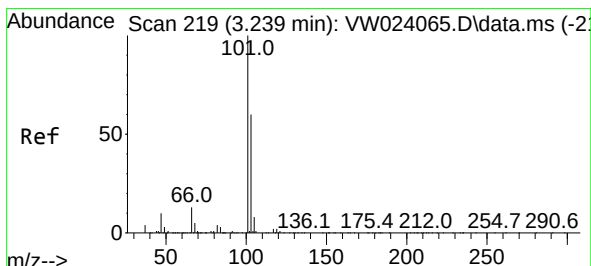
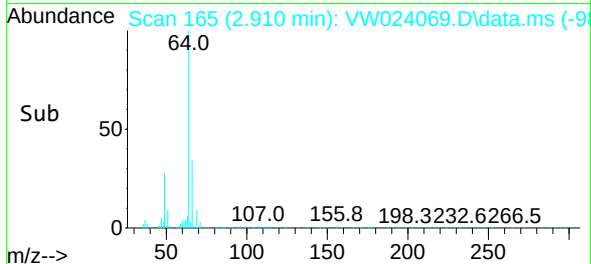
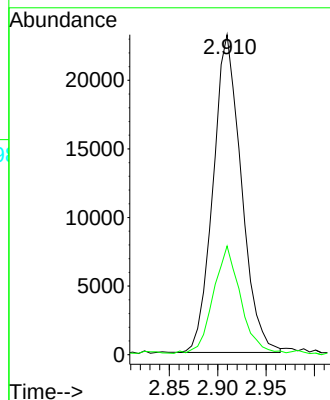
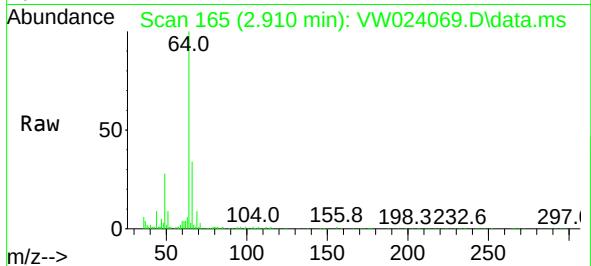




#8
Chloroethane
Concen: 22.854 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

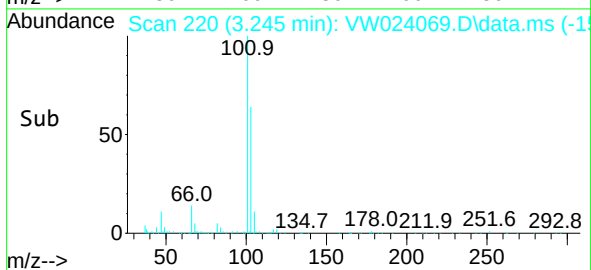
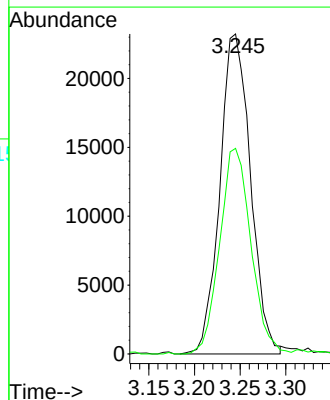
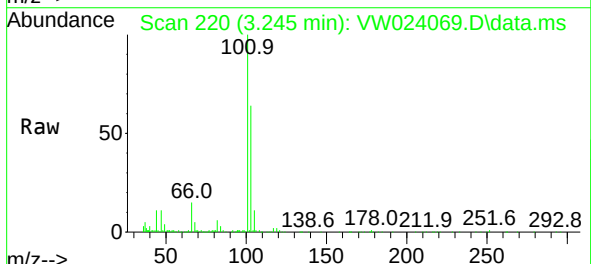
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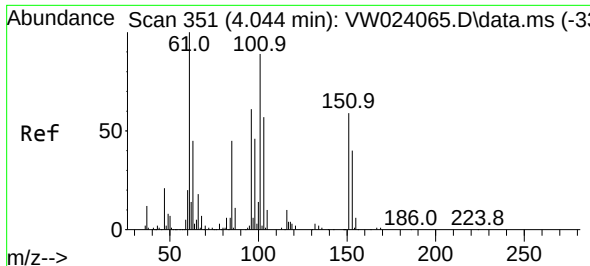
Tgt Ion: 64 Resp: 46982
Ion Ratio Lower Upper
64 100
66 34.0 23.9 44.3



#9
Trichlorofluoromethane
Concen: 24.901 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 101 Resp: 54172
Ion Ratio Lower Upper
101 100
103 65.6 52.4 78.6

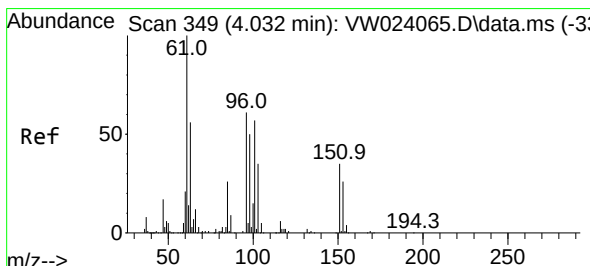
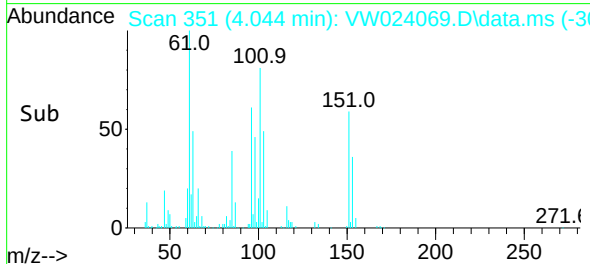
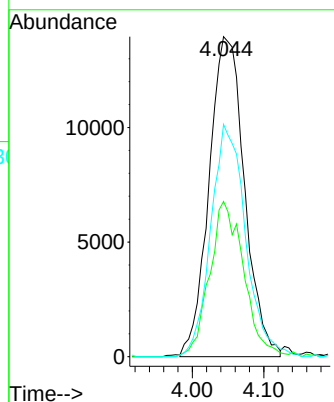
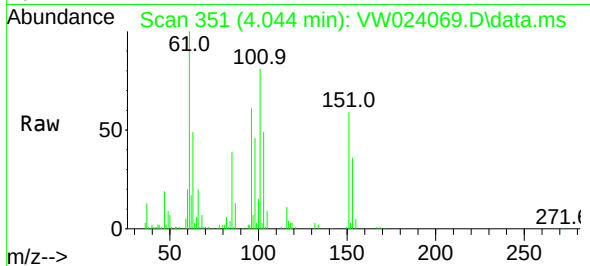




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.840 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024069.D
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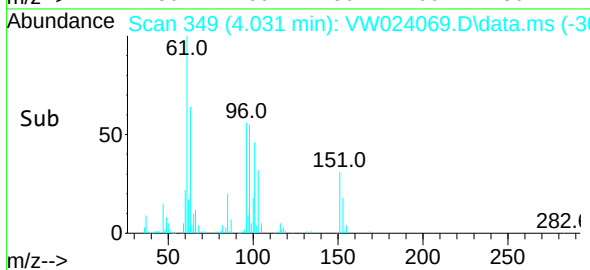
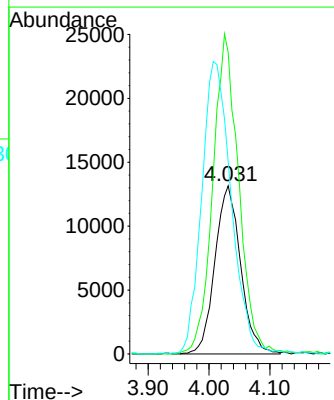
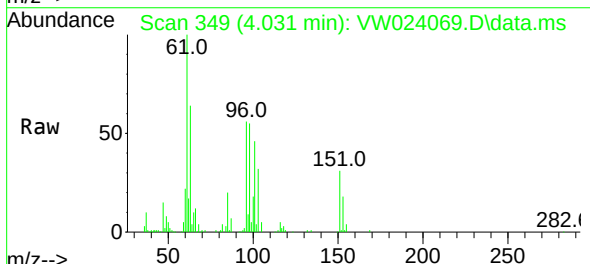
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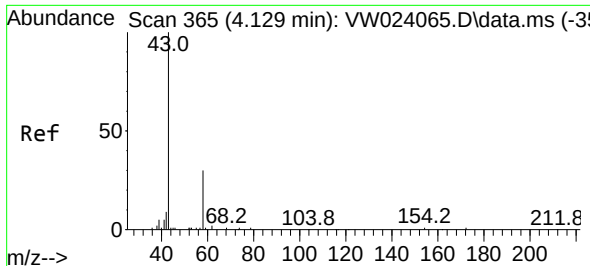
Tgt Ion:101 Resp: 48033
 Ion Ratio Lower Upper
 101 100
 85 46.6 39.8 59.8
 151 71.2 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 23.365 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

Tgt Ion: 96 Resp: 38586
 Ion Ratio Lower Upper
 96 100
 61 179.3 128.4 238.4
 63 114.4 93.1 172.9

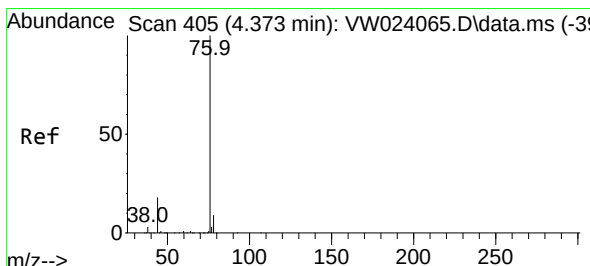
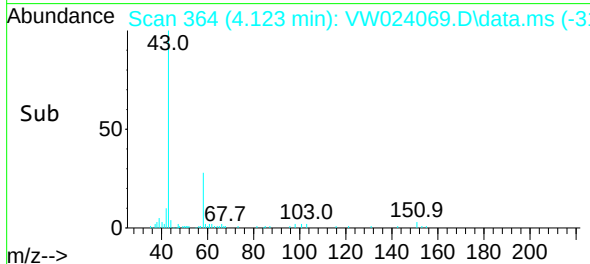
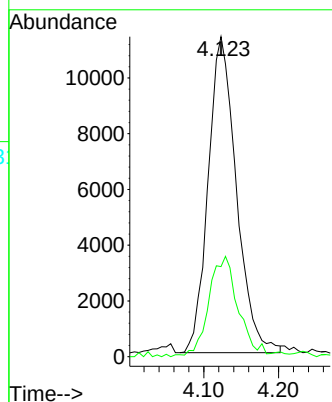
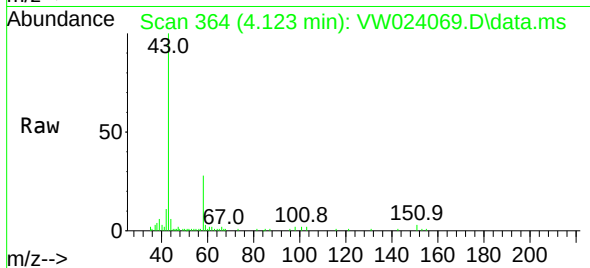




#13
Acetone
Concen: 70.557 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

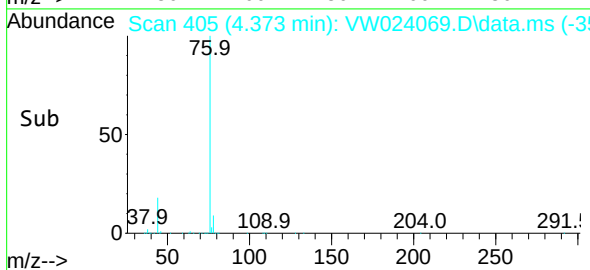
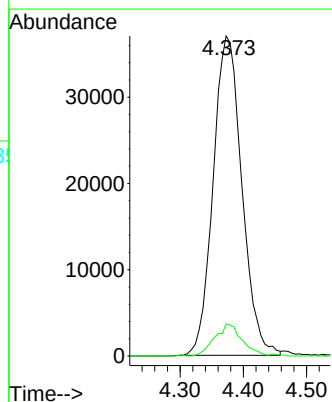
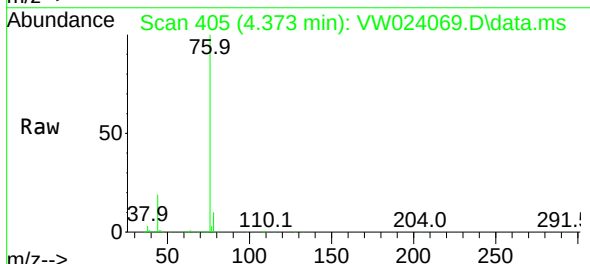
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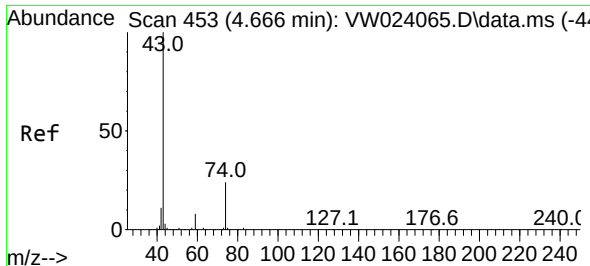
Tgt Ion: 43 Resp: 29825
Ion Ratio Lower Upper
43 100
58 31.6 0.0 60.0



#14
Carbon disulfide
Concen: 22.994 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024069.D
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Tgt Ion: 76 Resp: 116632
Ion Ratio Lower Upper
76 100
78 10.0 6.6 10.0#

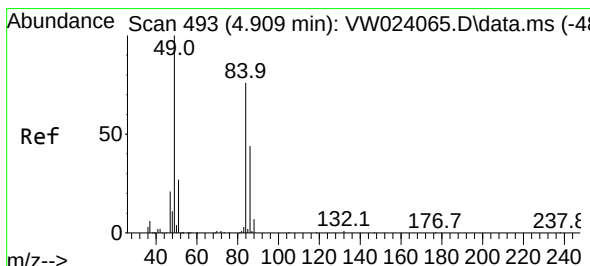
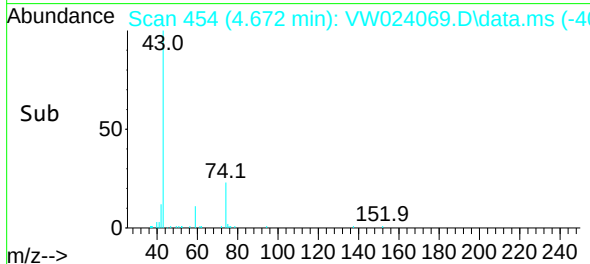
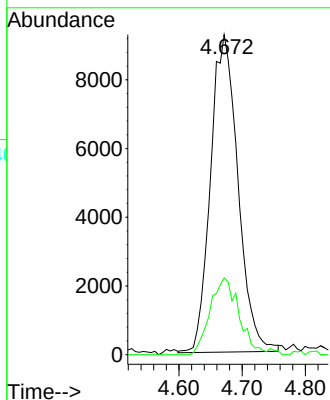
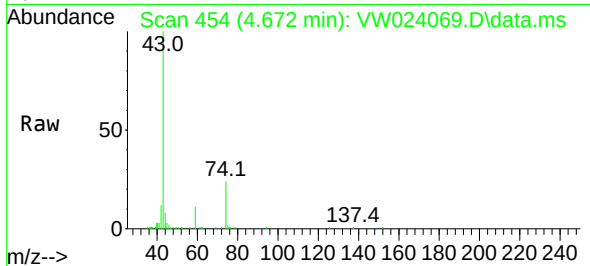




#15
Methyl Acetate
Concen: 27.316 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

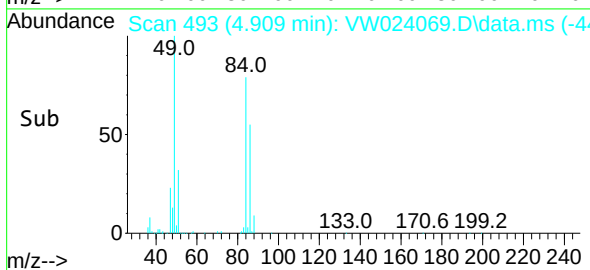
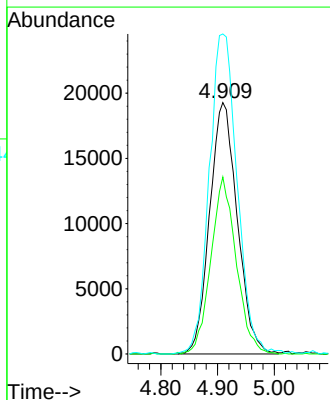
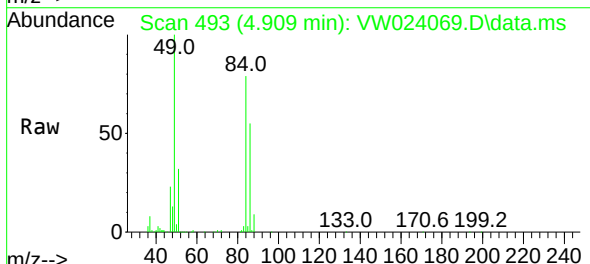
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

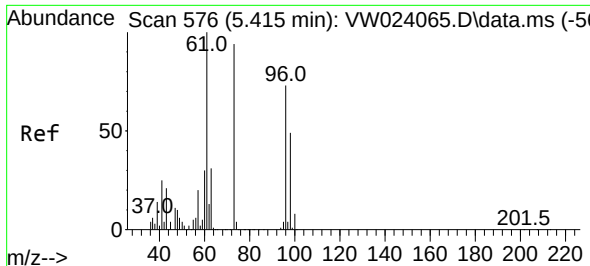
Tgt Ion: 43 Resp: 27854
Ion Ratio Lower Upper
43 100
74 25.4 21.1 31.7



#16
Methylene chloride
Concen: 27.431 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 84 Resp: 65285
Ion Ratio Lower Upper
84 100
86 70.4 44.7 83.1
49 127.3 83.7 155.4

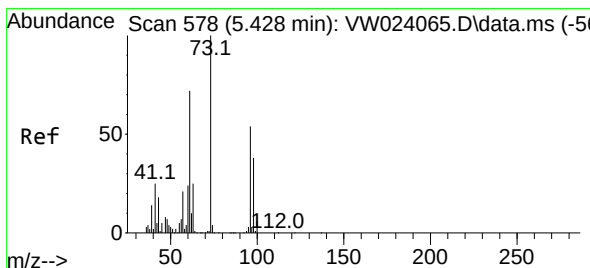
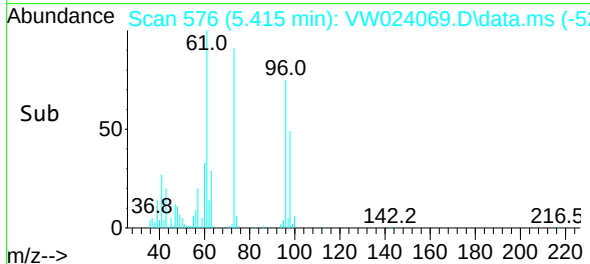
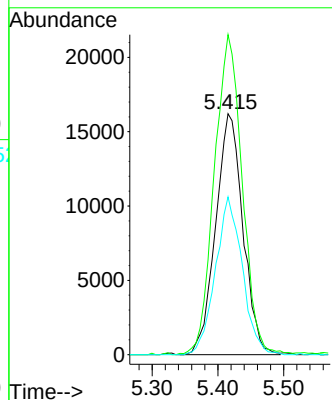
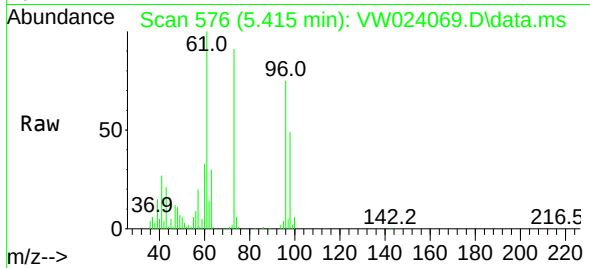




#17
trans-1,2-Dichloroethene
Concen: 23.179 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

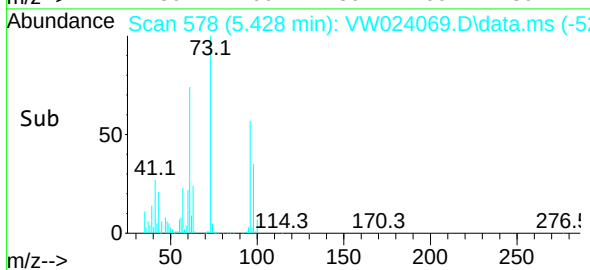
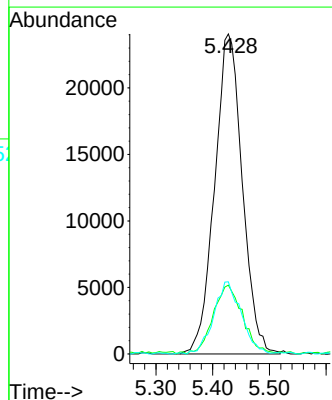
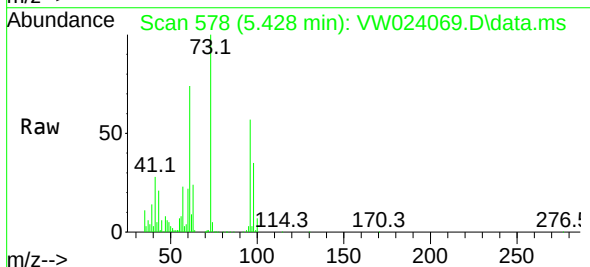
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

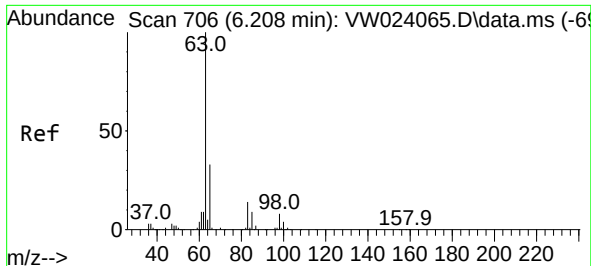
Tgt Ion: 96 Resp: 46835
Ion Ratio Lower Upper
96 100
61 132.8 92.7 172.1
98 65.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 27.248 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 73 Resp: 81612
Ion Ratio Lower Upper
73 100
43 22.7 17.3 25.9
57 22.2 16.6 25.0





#19

1,1-Dichloroethane

Concen: 23.523 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

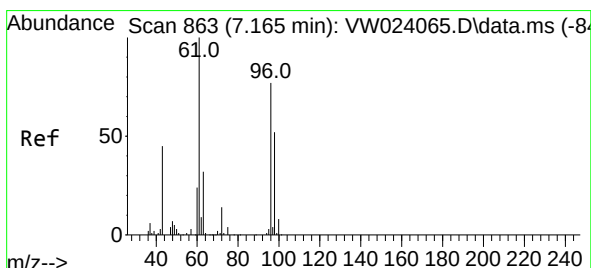
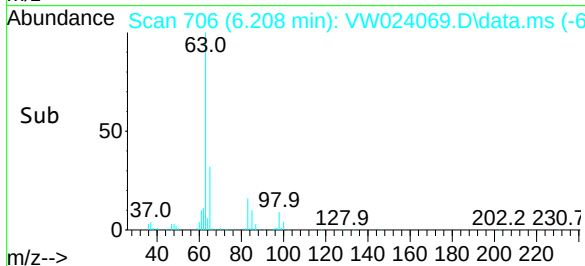
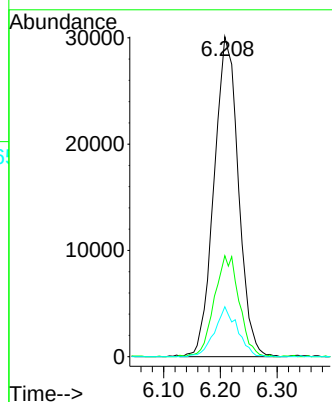
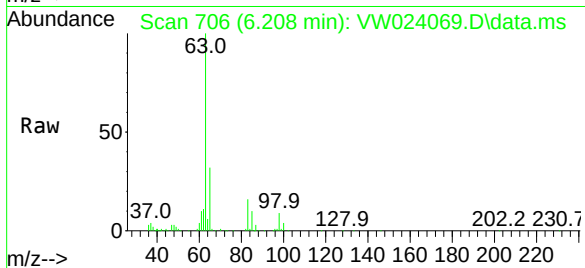
Tgt Ion: 63 Resp: 89781

Ion Ratio Lower Upper

63 100

65 31.5 23.4 43.4

83 15.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.873 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

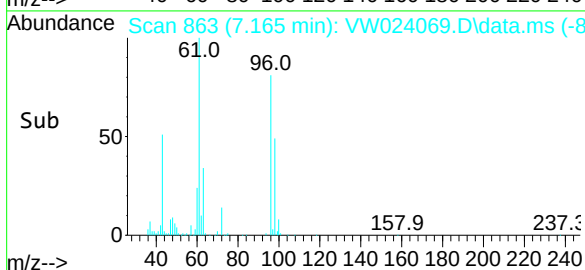
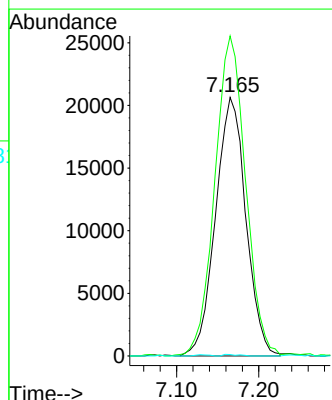
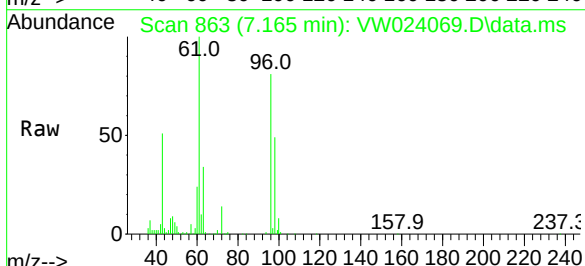
Tgt Ion: 96 Resp: 52969

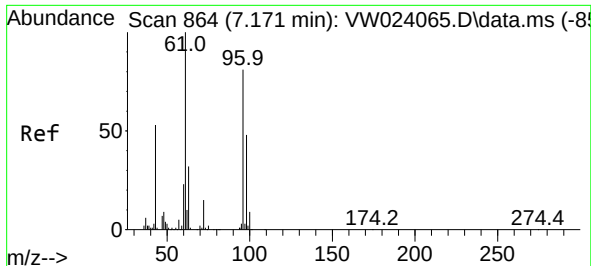
Ion Ratio Lower Upper

96 100

61 123.8 85.3 158.3

68 0.6 0.0 0.0#

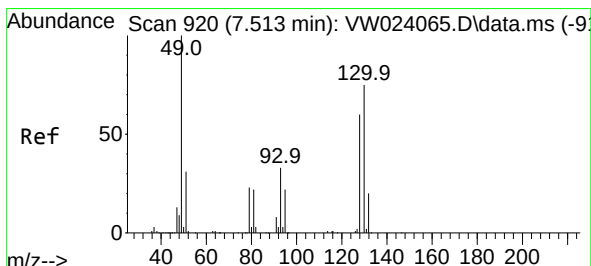
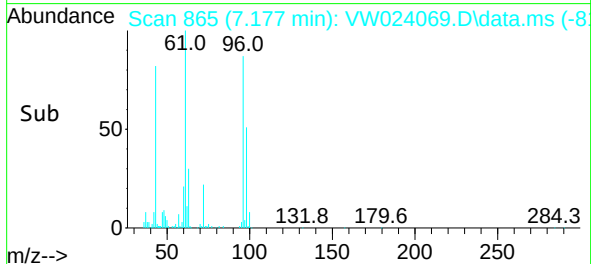
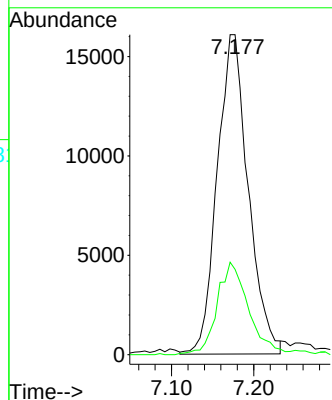
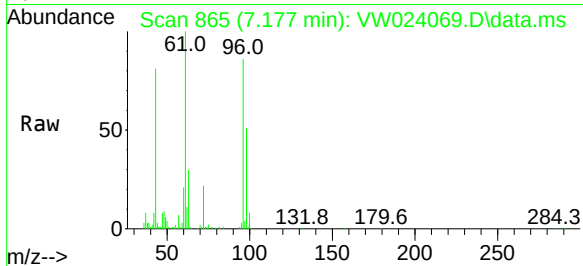




#22
2-Butanone
Concen: 62.157 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

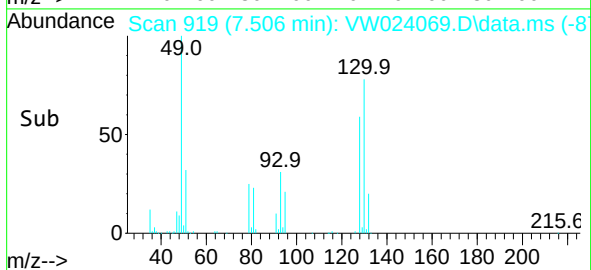
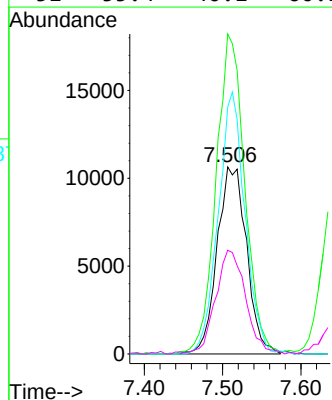
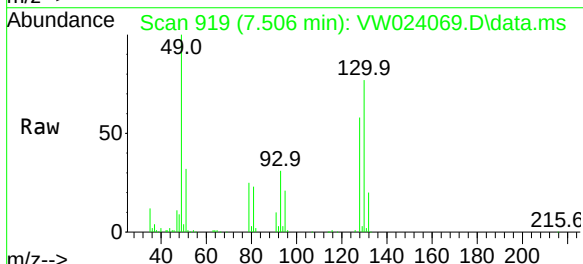
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

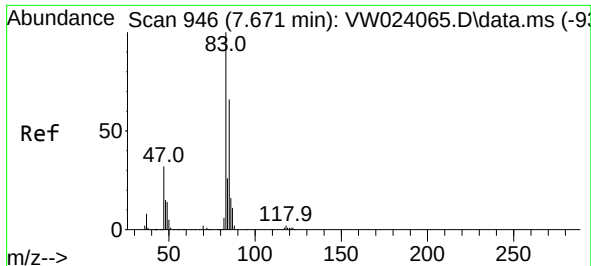
Tgt Ion: 43 Resp: 42172
Ion Ratio Lower Upper
43 100
72 29.2 15.0 45.0



#23
Bromochloromethane
Concen: 24.363 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 128 Resp: 27819
Ion Ratio Lower Upper
128 100
49 171.0 119.8 222.4
130 132.0 90.7 168.5
51 55.4 40.1 60.1

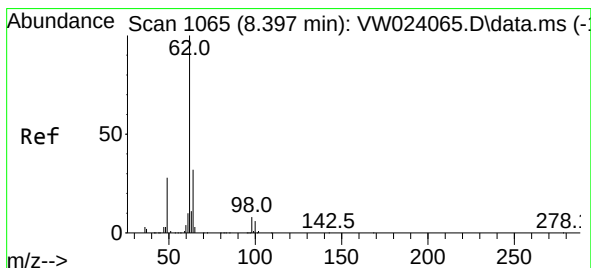
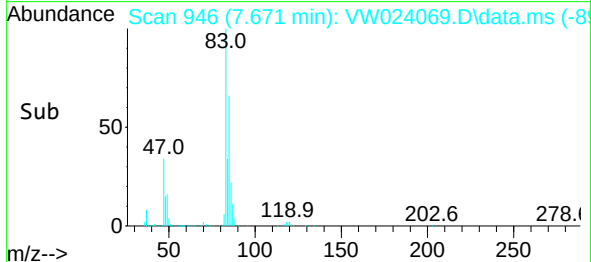
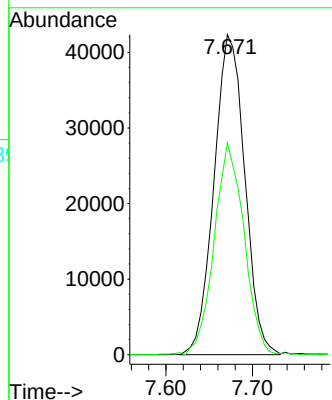
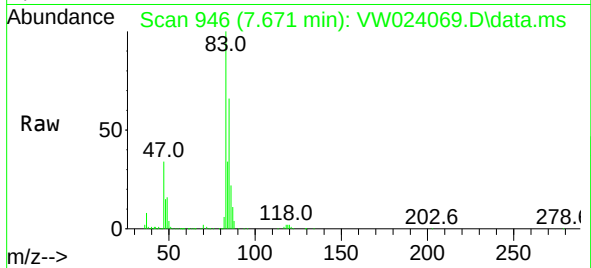




#25
Chloroform
Concen: 23.652 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

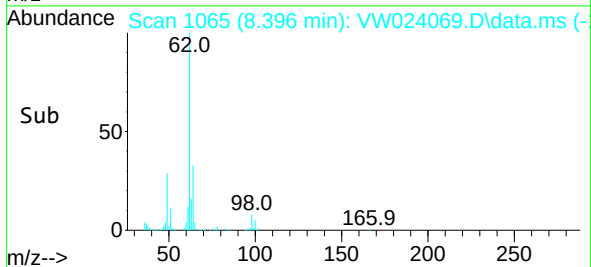
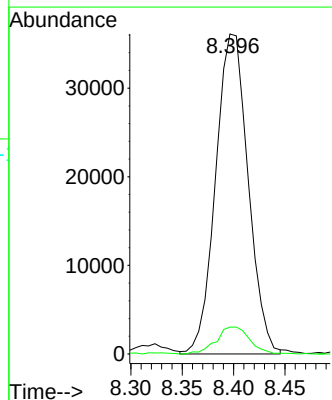
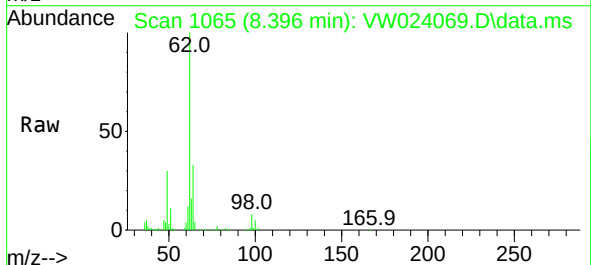
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

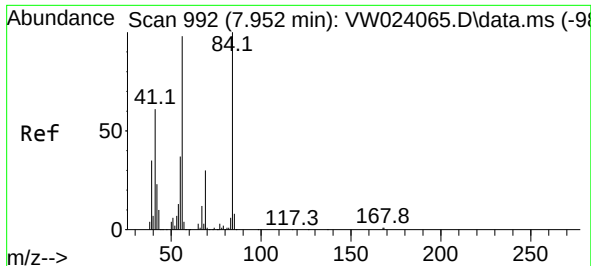
Tgt Ion: 83 Resp: 104456
Ion Ratio Lower Upper
83 100
85 66.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.275 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 62 Resp: 79499
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 23.606 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

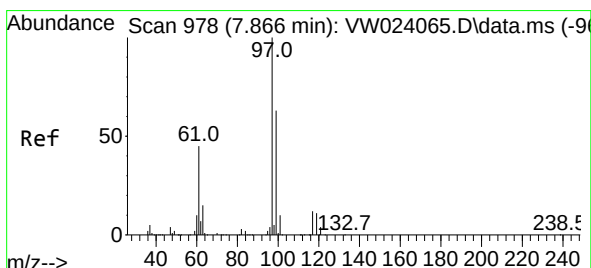
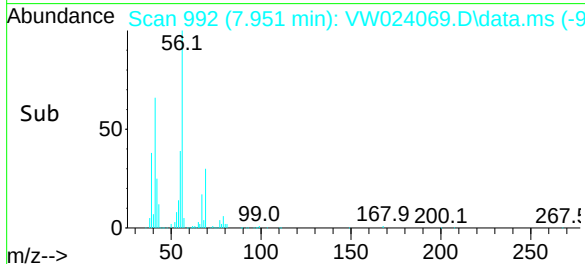
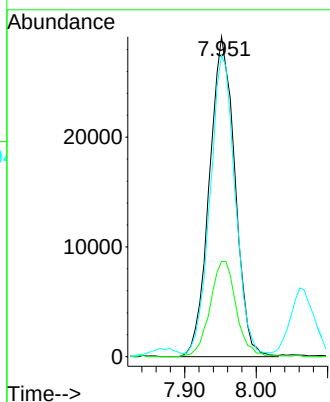
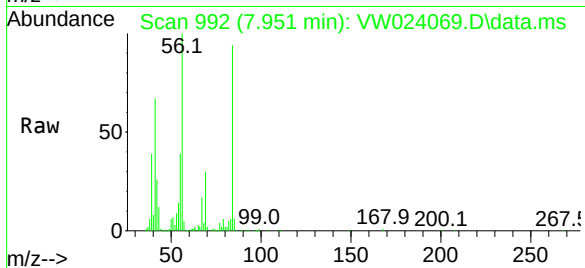
Tgt Ion: 56 Resp: 72463

Ion Ratio Lower Upper

56 100

69 30.4 24.1 36.1

84 92.8 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 22.807 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

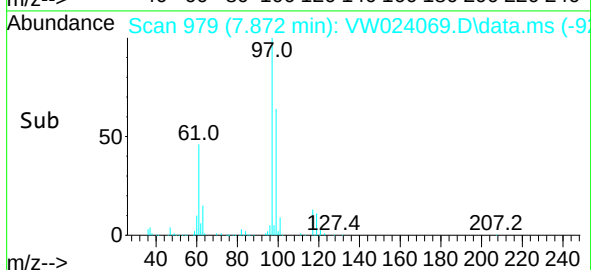
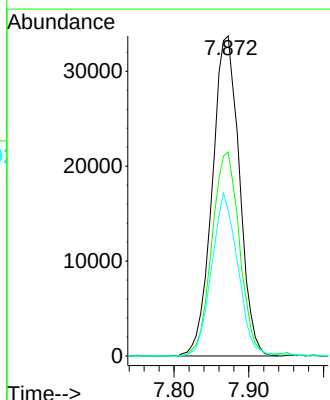
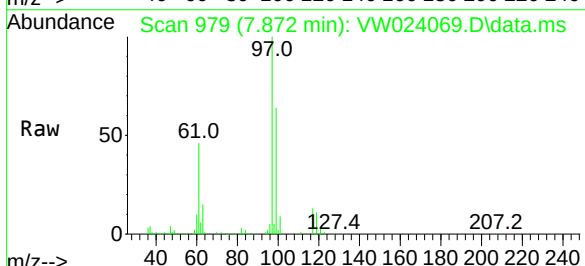
Tgt Ion: 97 Resp: 84935

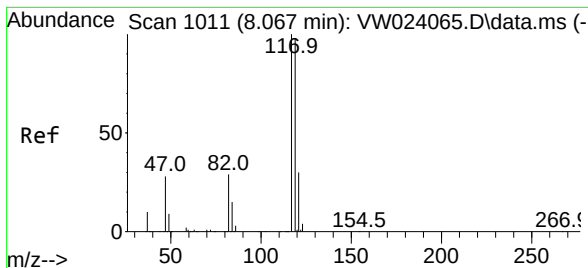
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 48.9 37.8 56.6

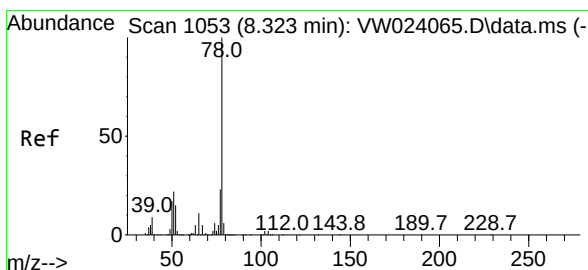
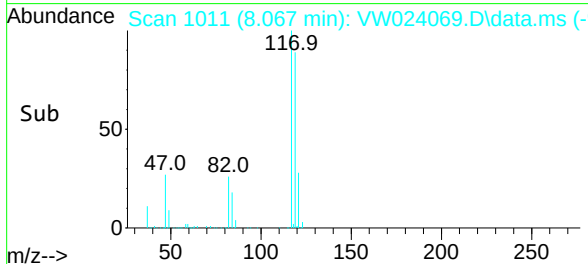
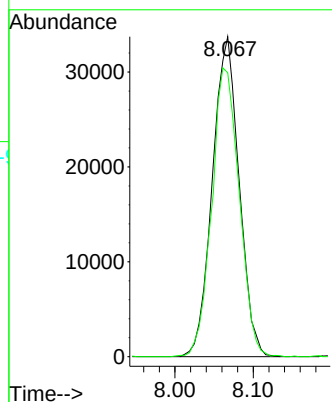
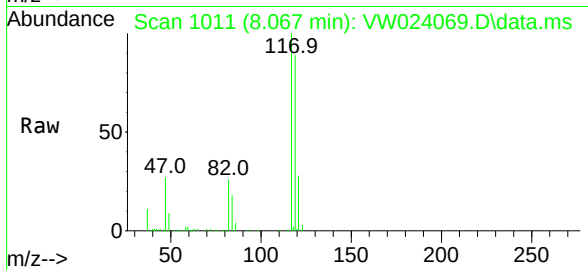




#31
Carbon tetrachloride
Concen: 23.279 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

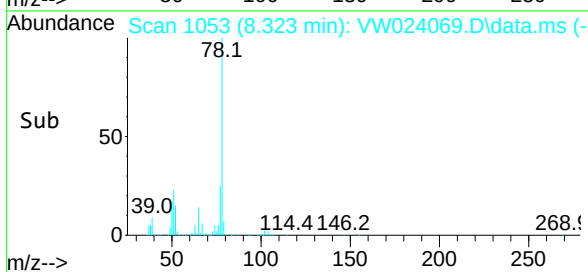
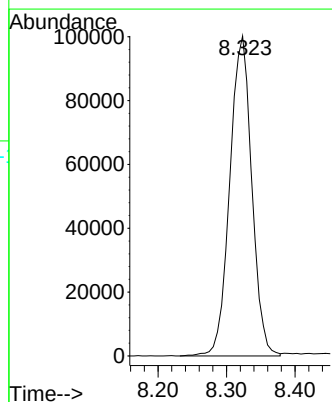
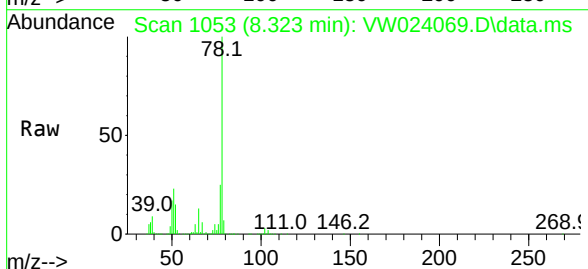
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

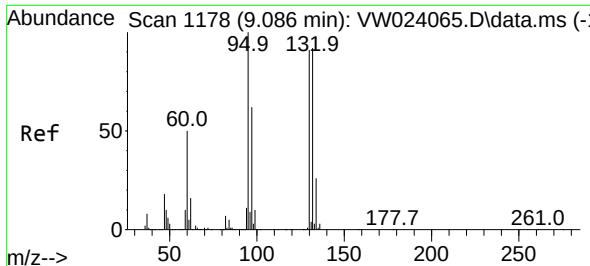
Tgt Ion:117 Resp: 79913
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.4



#33
Benzene
Concen: 23.215 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 78 Resp: 223438

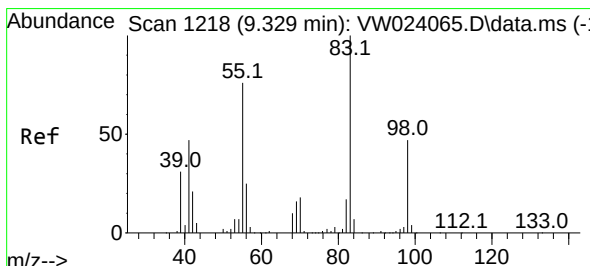
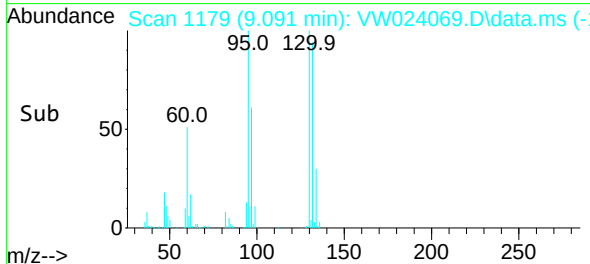
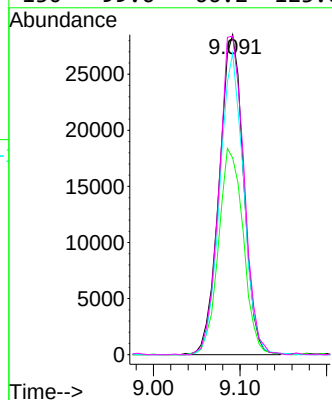
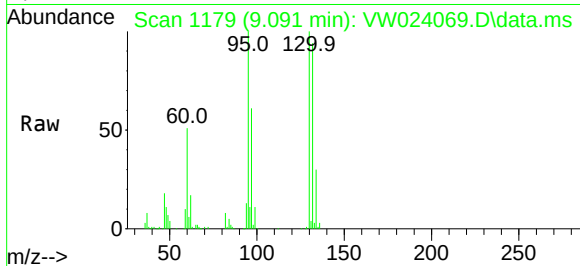




#34
Trichloroethene
Concen: 21.846 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

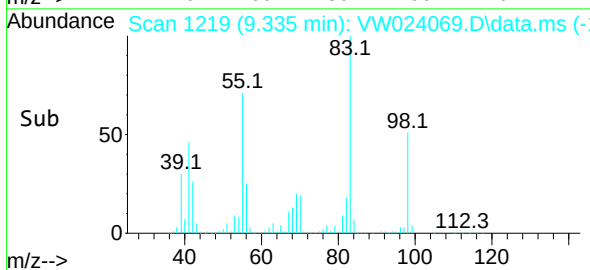
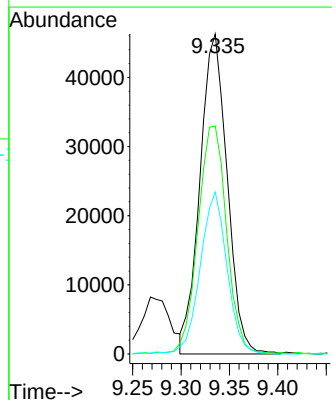
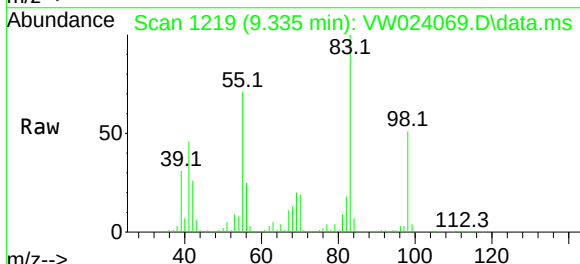
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

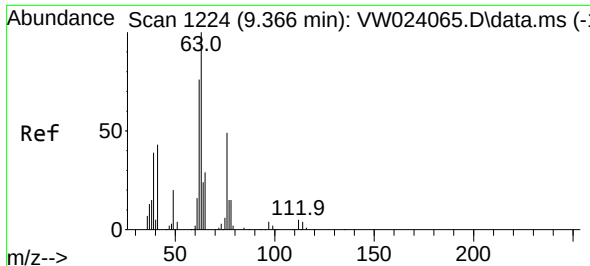
Tgt Ion: 95 Resp: 55678
Ion Ratio Lower Upper
95 100
97 61.5 46.5 86.3
132 94.2 65.8 122.2
130 99.6 66.2 123.0



#35
Methylcyclohexane
Concen: 23.426 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 83 Resp: 90709
Ion Ratio Lower Upper
83 100
55 75.2 57.3 85.9
98 49.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 23.686 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

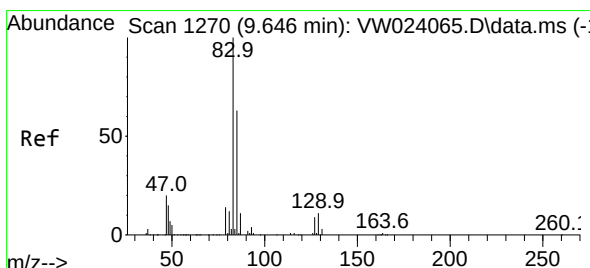
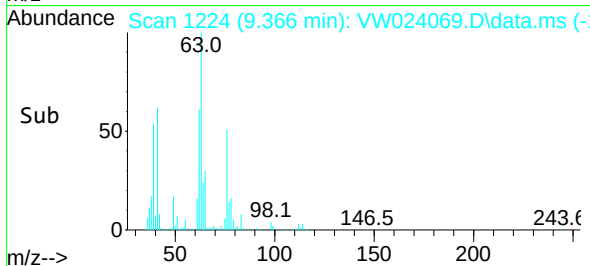
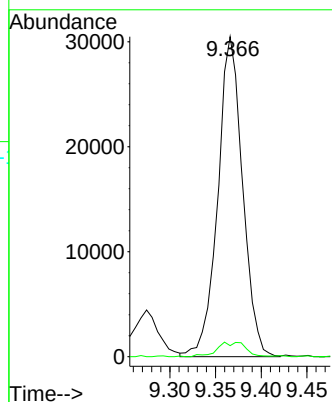
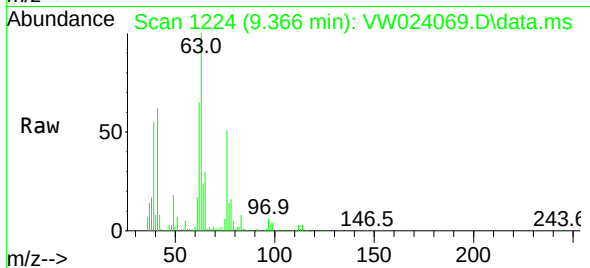
H0B66MS

Tgt Ion: 63 Resp: 57635

Ion Ratio Lower Upper

63 100

112 2.6 3.9 5.9#



#38

Bromodichloromethane

Concen: 23.567 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

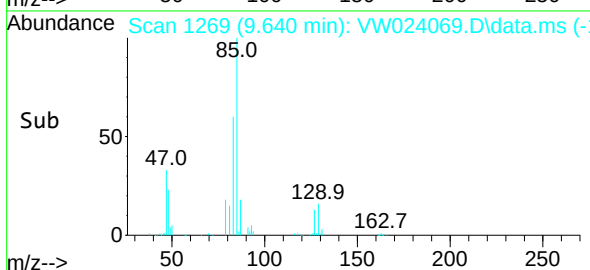
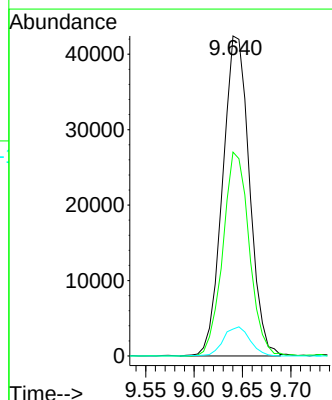
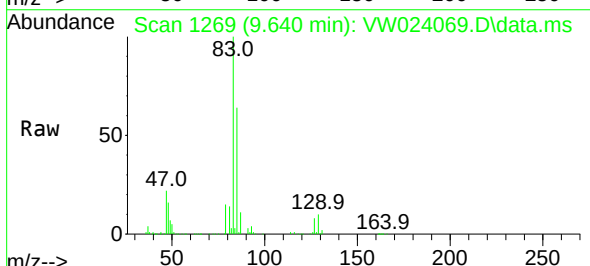
Tgt Ion: 83 Resp: 81762

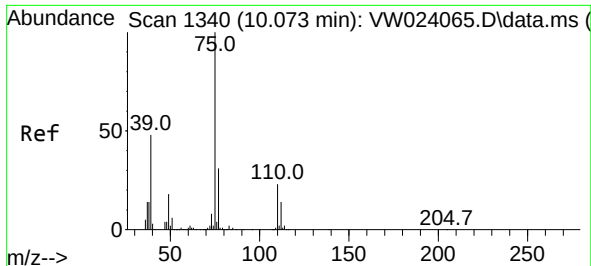
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 8.4 6.4 9.6

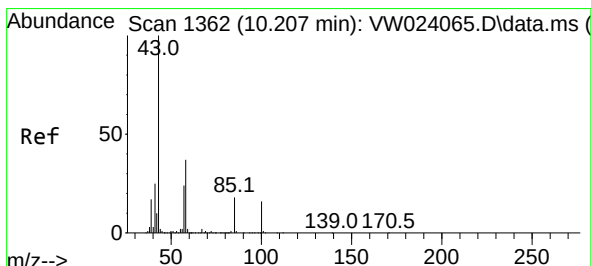
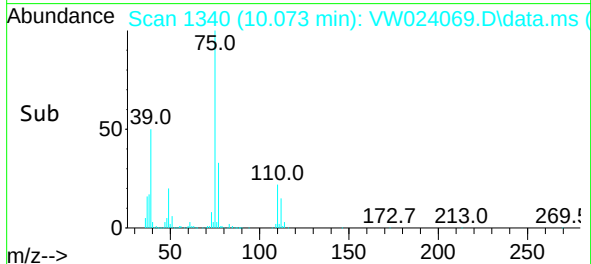
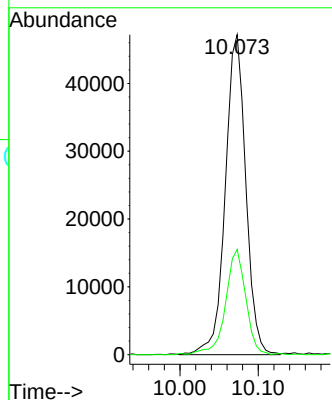
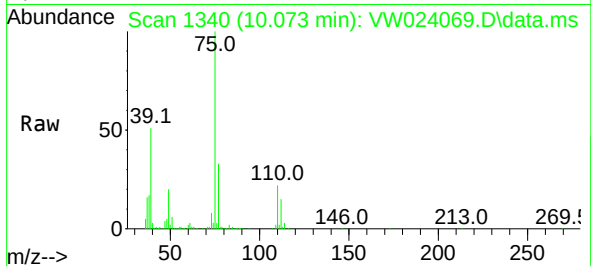




#39
 cis-1,3-Dichloropropene
 Concen: 24.250 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

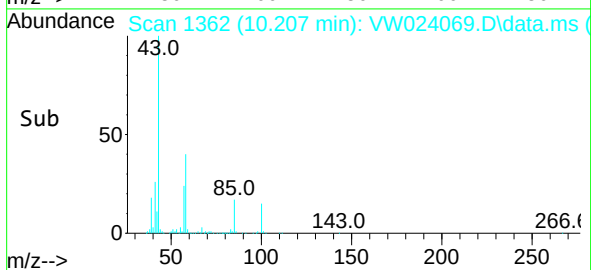
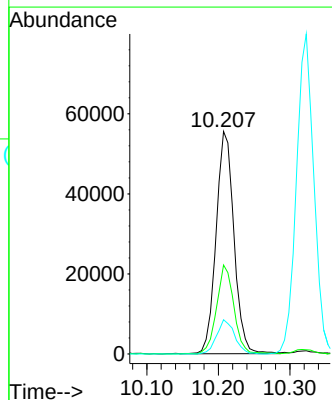
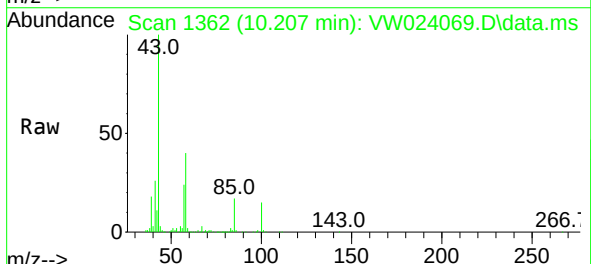
Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MS

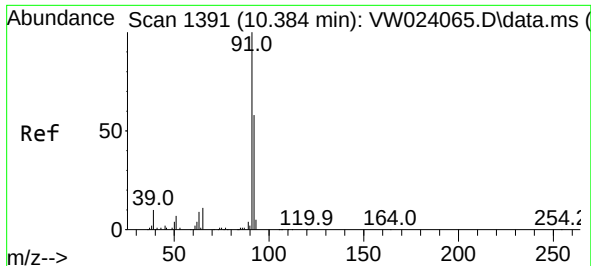
Tgt Ion: 75 Resp: 85972
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 57.049 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

Tgt Ion: 43 Resp: 96597
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.8 46.2
 100 15.4 13.0 19.6

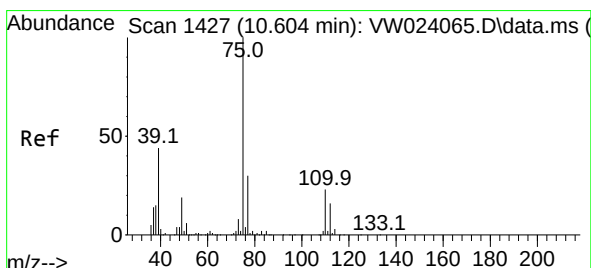
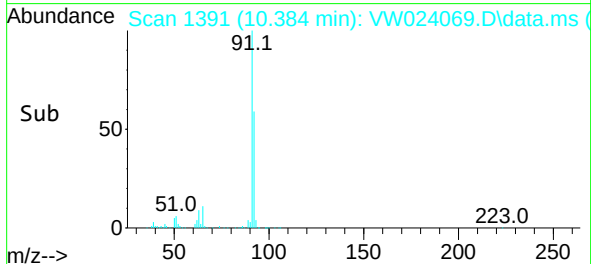
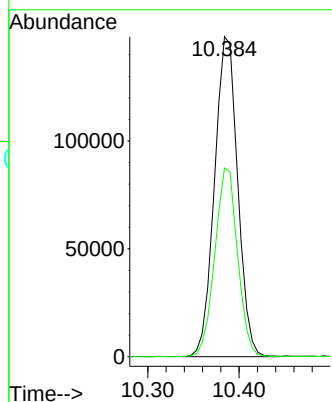
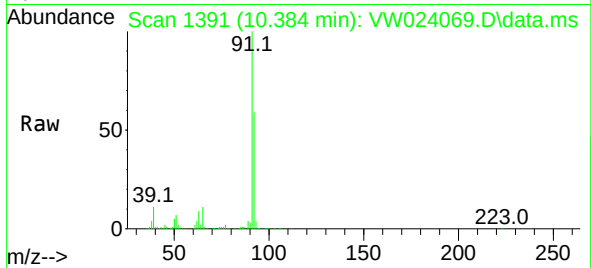




#42
Toluene
Concen: 24.036 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

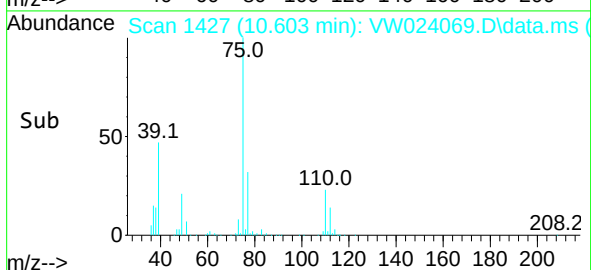
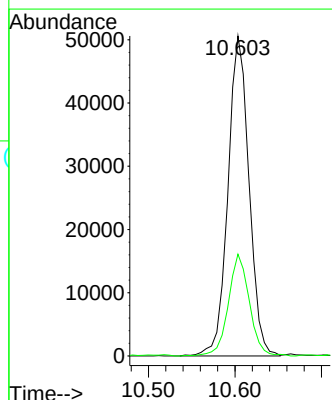
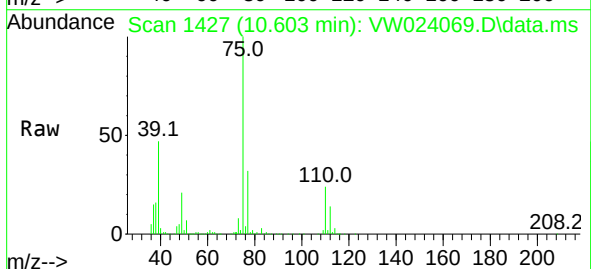
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

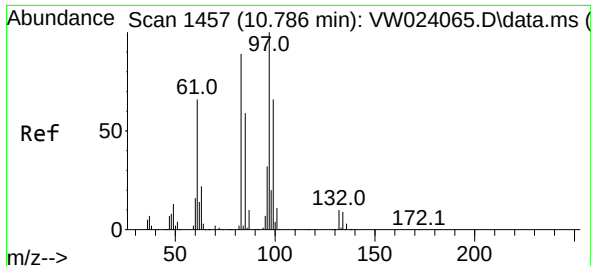
Tgt Ion: 91 Resp: 261678
Ion Ratio Lower Upper
91 100
92 59.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 25.469 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 75 Resp: 85508
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.655 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

Tgt Ion: 97 Resp: 52409

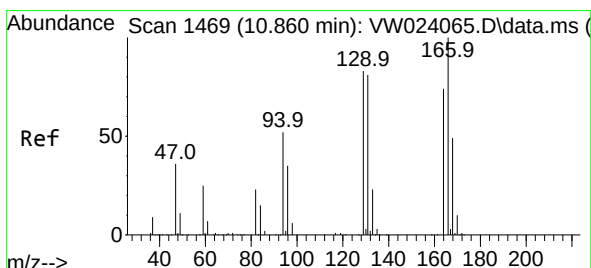
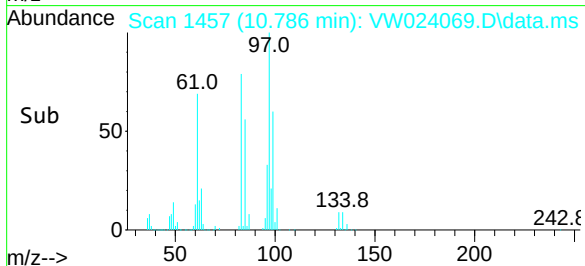
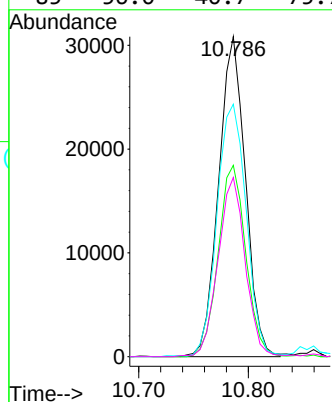
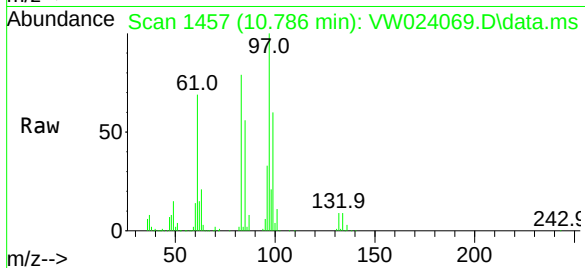
Ion Ratio Lower Upper

97 100

99 59.8 46.2 85.8

83 78.9 61.2 113.6

85 56.0 40.7 75.7



#46

Tetrachloroethene

Concen: 22.719 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Tgt Ion:164 Resp: 45319

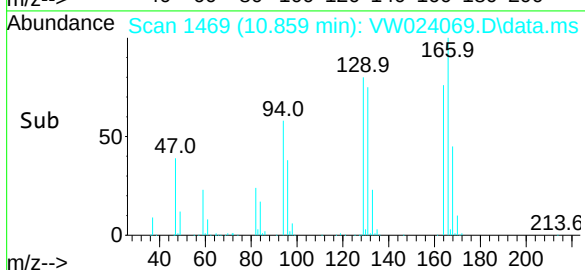
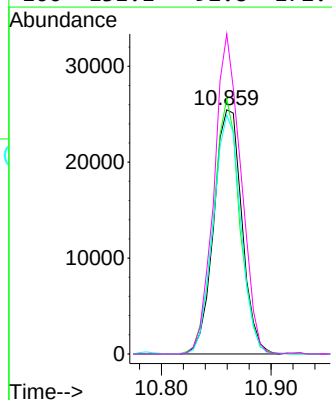
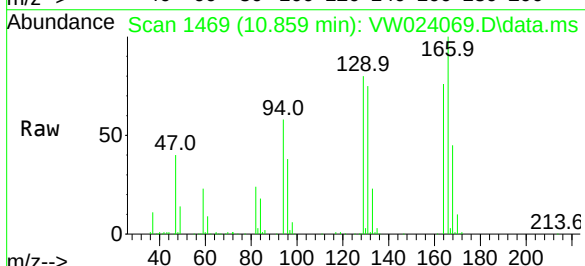
Ion Ratio Lower Upper

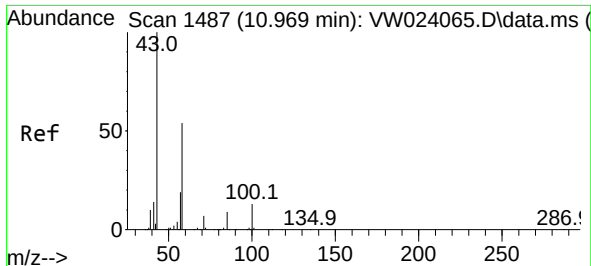
164 100

129 104.5 65.7 122.1

131 97.8 69.2 128.4

166 131.1 92.8 172.4

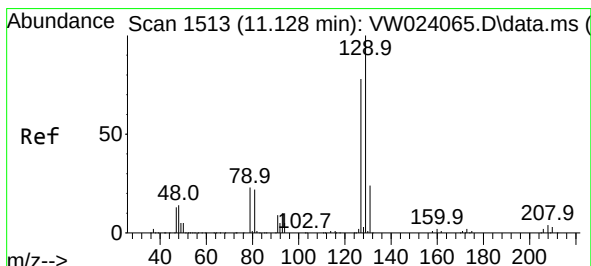
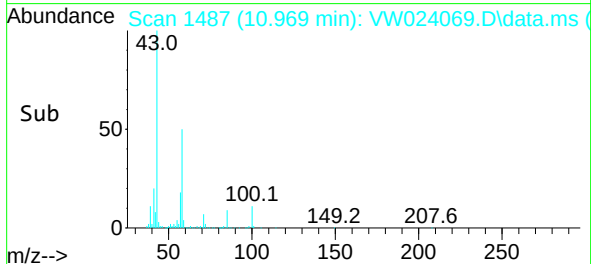
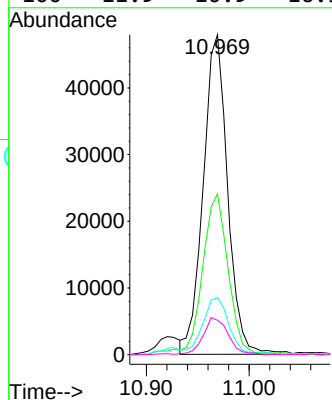
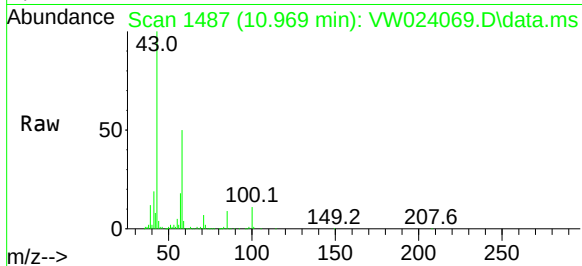




#48
2-Hexanone
Concen: 64.484 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

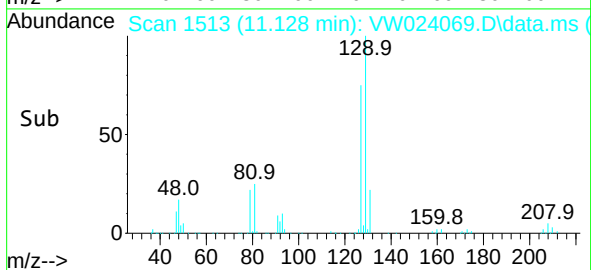
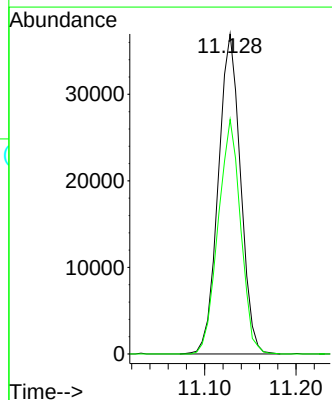
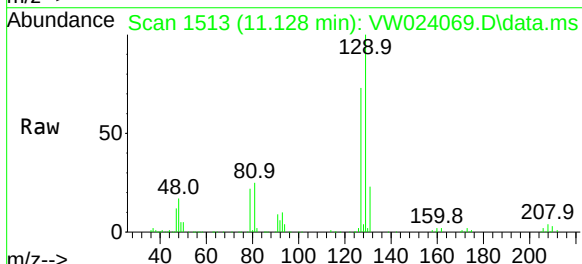
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

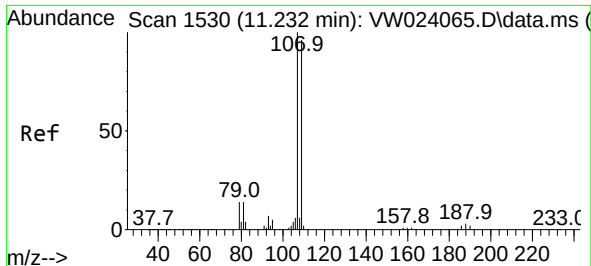
Tgt Ion:	43	Resp:	79126
Ion	Ratio	Lower	Upper
43	100		
58	50.3	41.0	61.6
57	19.3	14.5	21.7
100	11.9	10.9	16.3



#49
Dibromochloromethane
Concen: 25.170 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion:	129	Resp:	62518
Ion	Ratio	Lower	Upper
129	100		
127	73.3	55.0	102.2





#50

1,2-Dibromoethane

Concen: 24.630 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

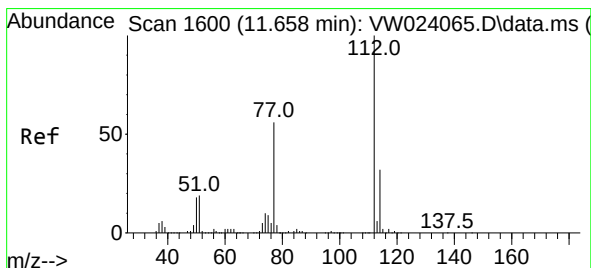
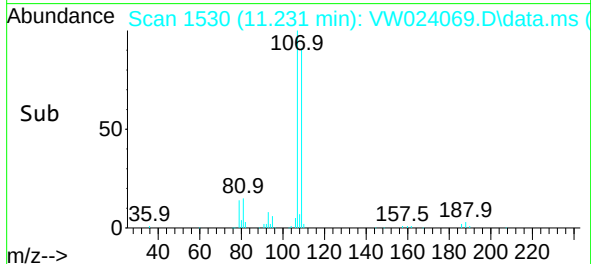
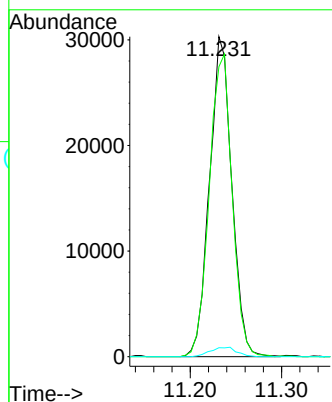
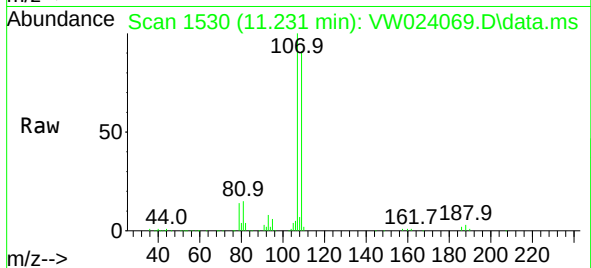
Tgt Ion:107 Resp: 51260

Ion Ratio Lower Upper

107 100

109 90.6 62.2 115.6

188 2.8 2.2 3.2



#51

Chlorobenzene

Concen: 23.417 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

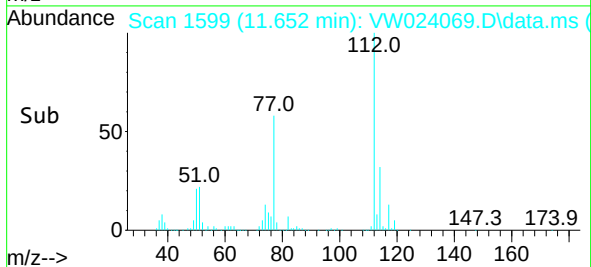
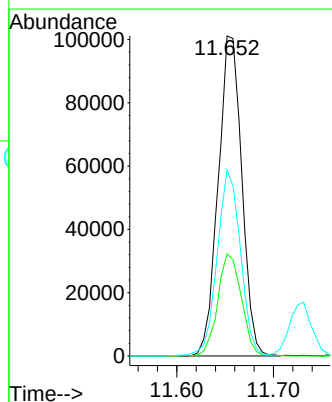
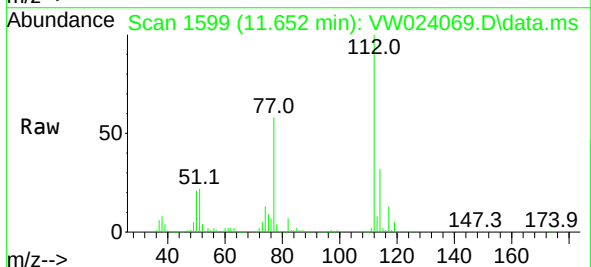
Tgt Ion:112 Resp: 171575

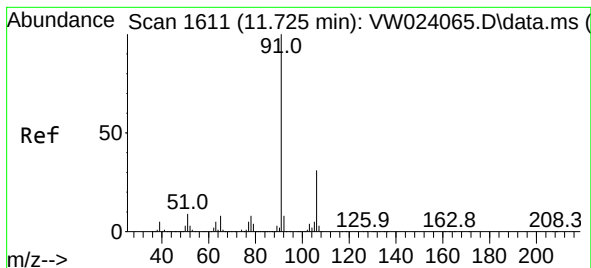
Ion Ratio Lower Upper

112 100

114 32.0 23.7 43.9

77 58.1 48.2 72.2





#52

Ethylbenzene

Concen: 23.886 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

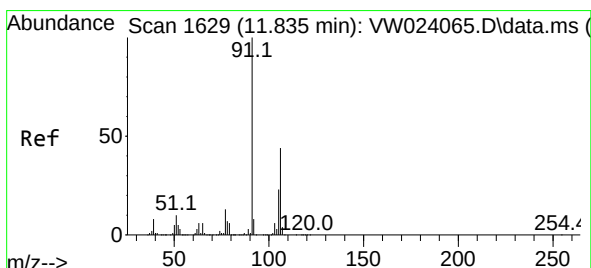
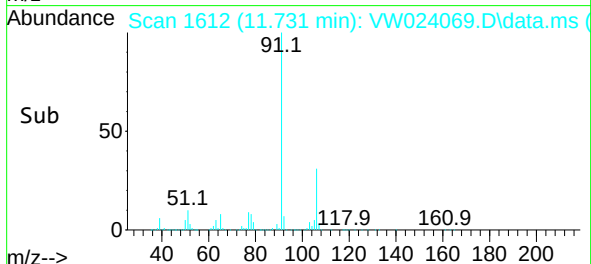
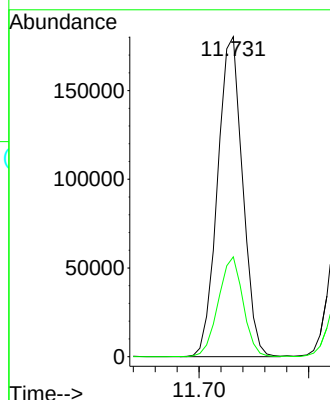
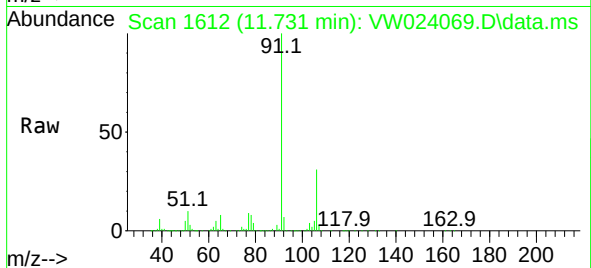
H0B66MS

Tgt Ion: 91 Resp: 286575

Ion Ratio Lower Upper

91 100

106 31.2 21.0 39.0



#53

m,p-Xylene

Concen: 24.347 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024069.D

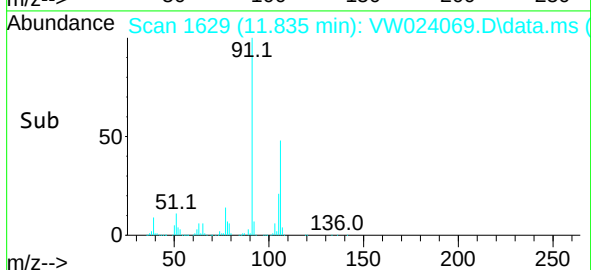
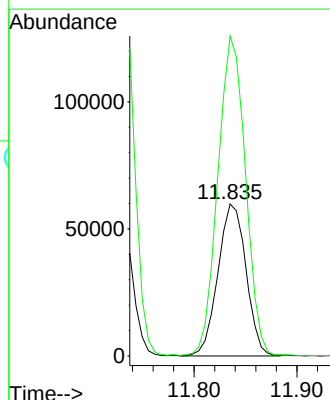
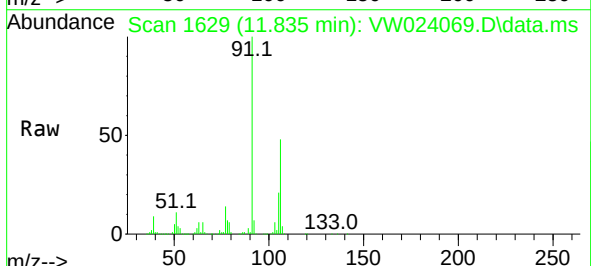
Acq: 25 Jul 2022 15:41

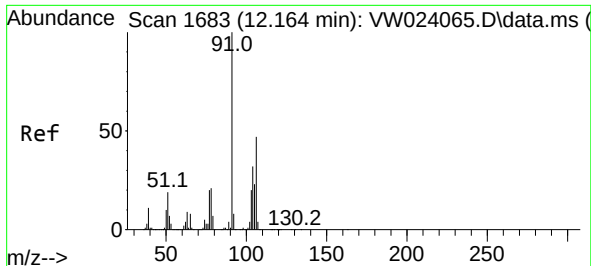
Tgt Ion: 106 Resp: 113381

Ion Ratio Lower Upper

106 100

91 210.5 142.9 265.3

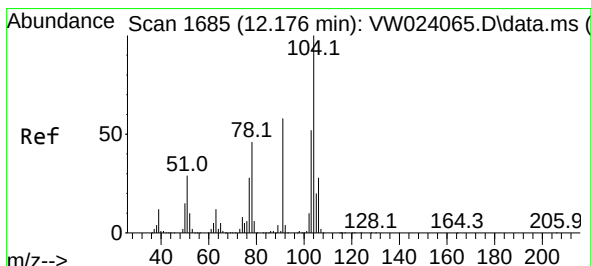
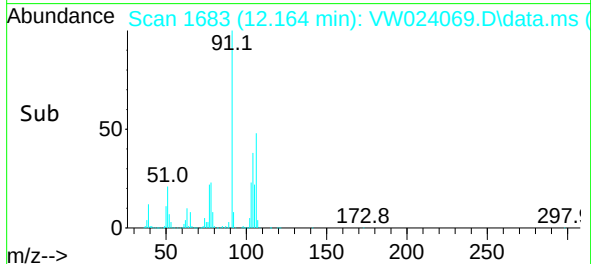
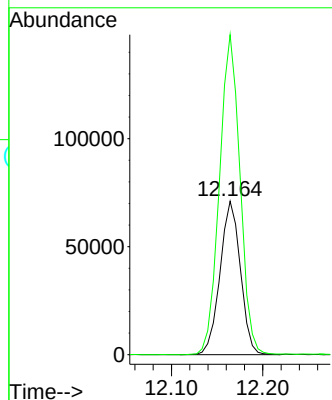
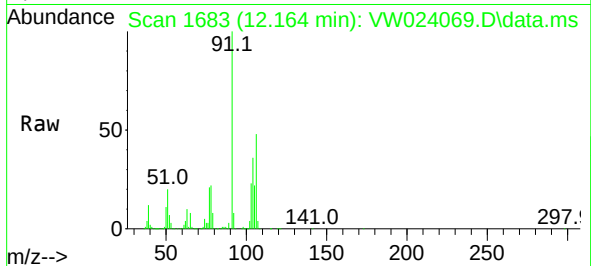




#54
o-Xylene
Concen: 24.773 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

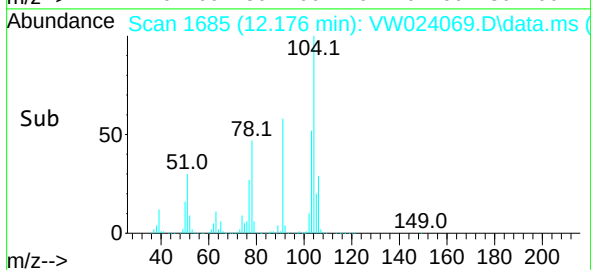
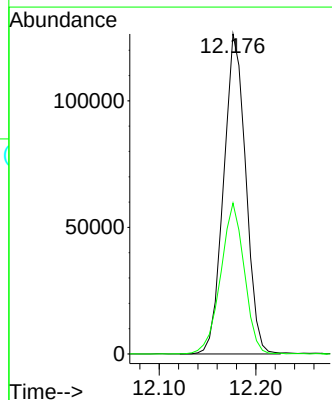
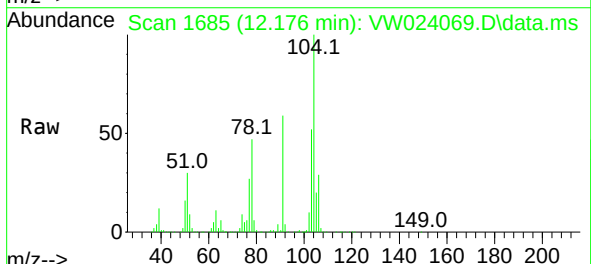
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

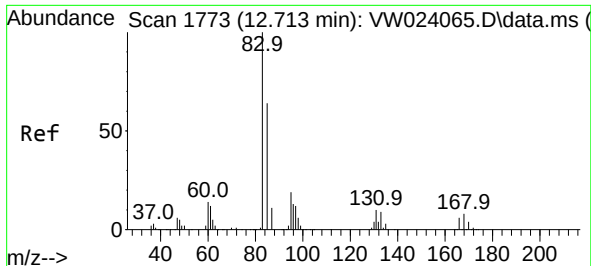
Tgt Ion:106 Resp: 110326
Ion Ratio Lower Upper
106 100
91 208.5 150.6 279.6



#55
Styrene
Concen: 25.177 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion:104 Resp: 200870
Ion Ratio Lower Upper
104 100
78 47.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.304 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

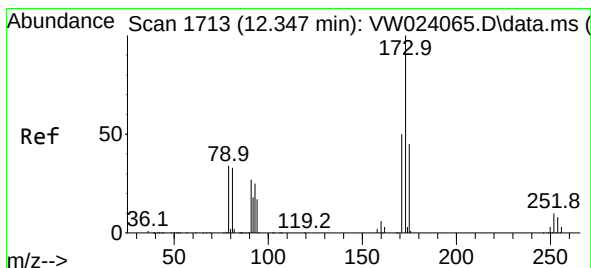
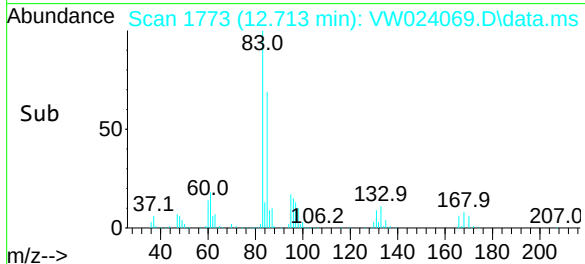
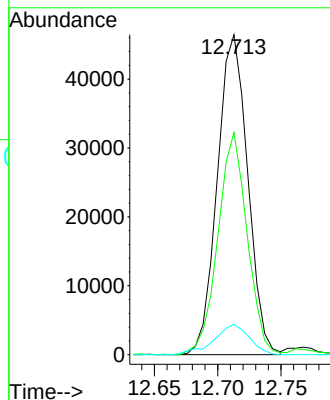
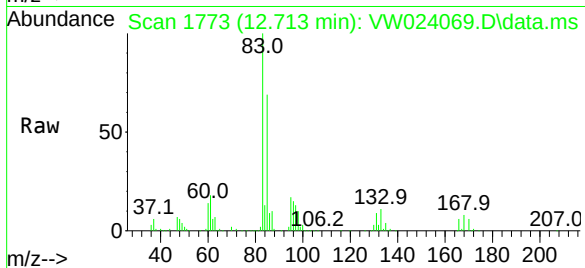
Tgt Ion: 83 Resp: 77494

Ion Ratio Lower Upper

83 100

85 69.4 44.4 82.5

131 9.5 7.5 11.3



#59

Bromoform

Concen: 23.862 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

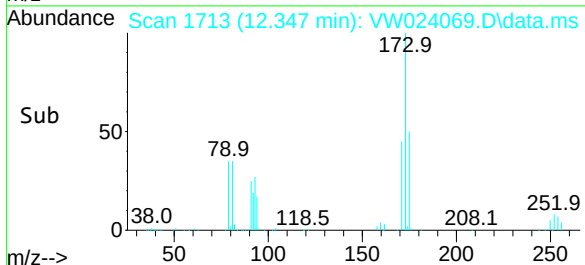
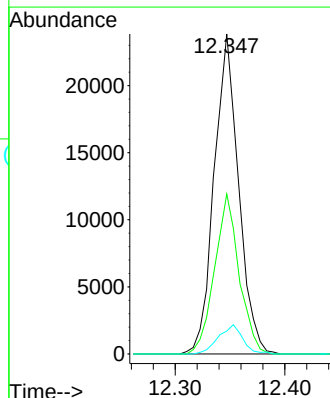
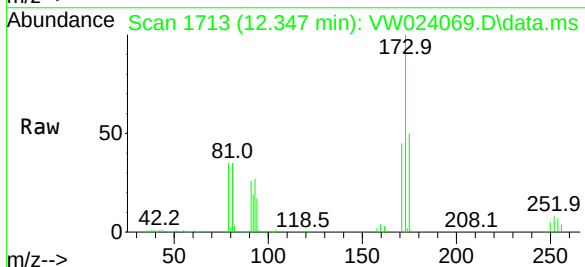
Tgt Ion: 173 Resp: 36950

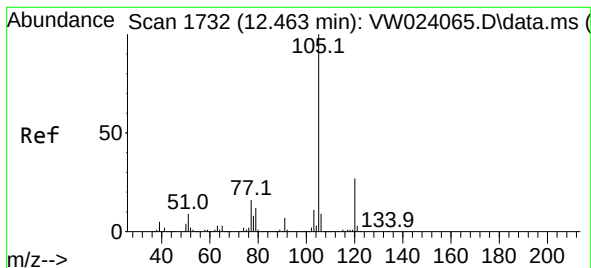
Ion Ratio Lower Upper

173 100

175 50.0 38.4 57.6

254 9.0 7.0 10.4





#60

Isopropylbenzene

Concen: 22.894 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

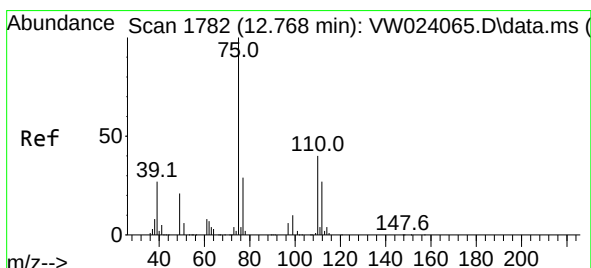
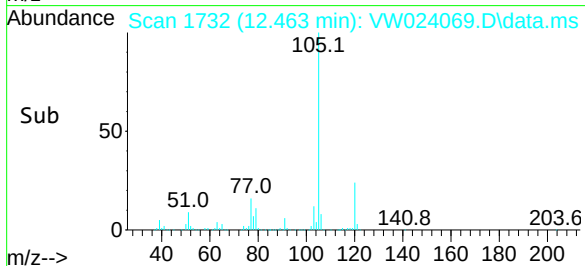
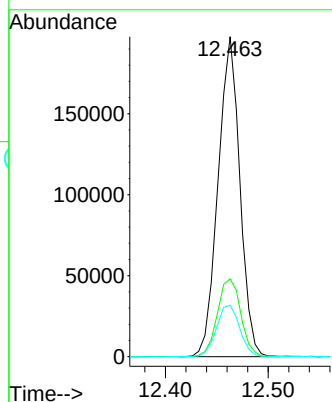
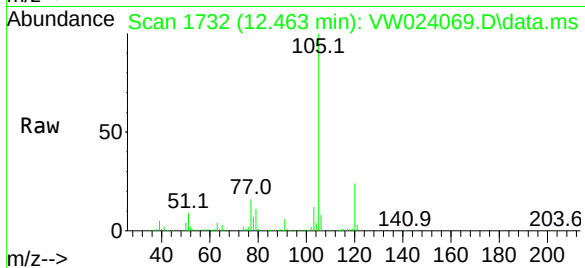
Tgt Ion:105 Resp: 290504

Ion Ratio Lower Upper

105 100

120 26.1 21.1 31.7

77 17.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 24.314 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

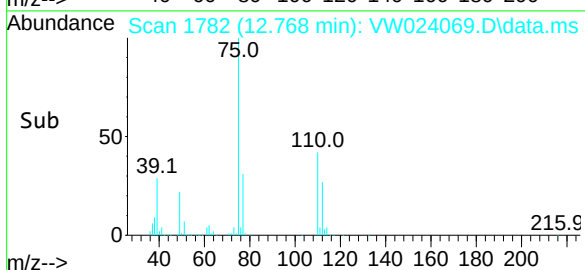
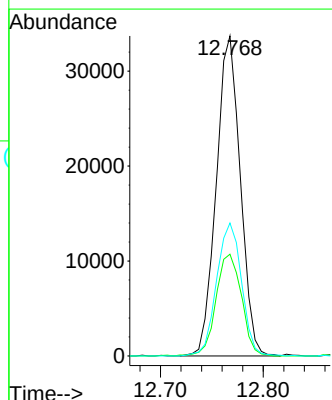
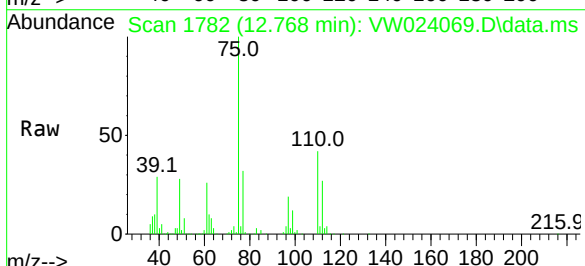
Tgt Ion: 75 Resp: 54749

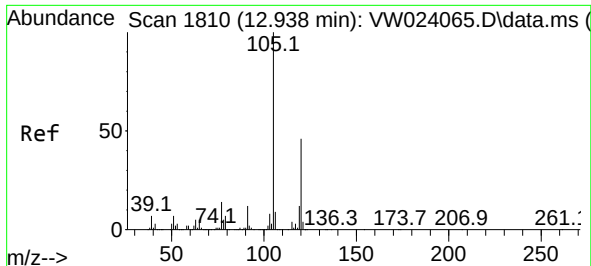
Ion Ratio Lower Upper

75 100

77 33.7 26.1 39.1

110 43.1 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 24.130 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

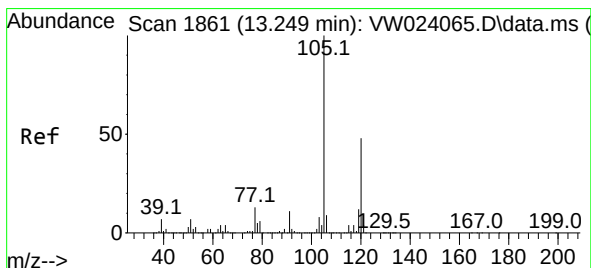
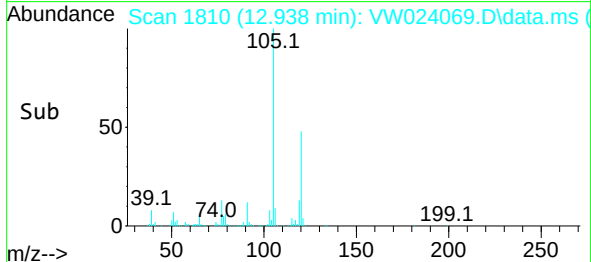
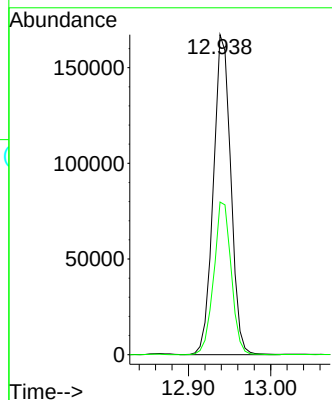
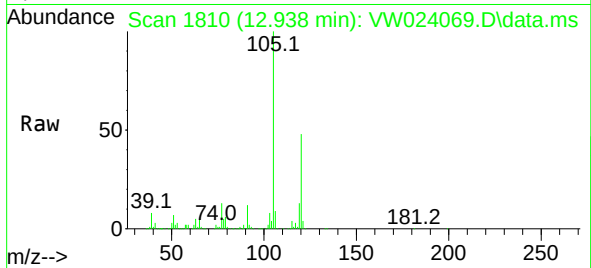
H0B66MS

Tgt Ion:105 Resp: 246331

Ion Ratio Lower Upper

105 100

120 47.7 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 23.373 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024069.D

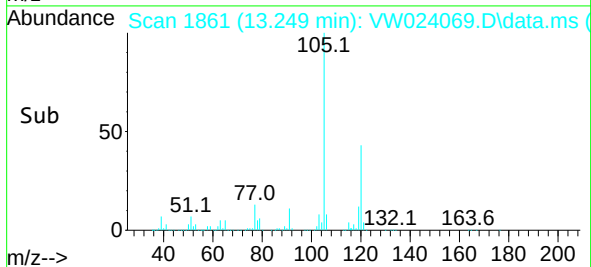
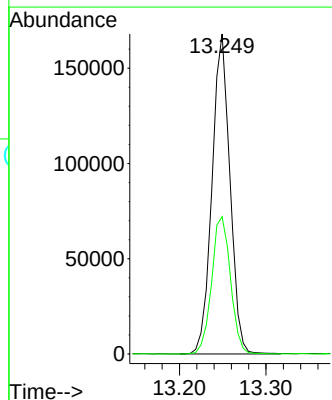
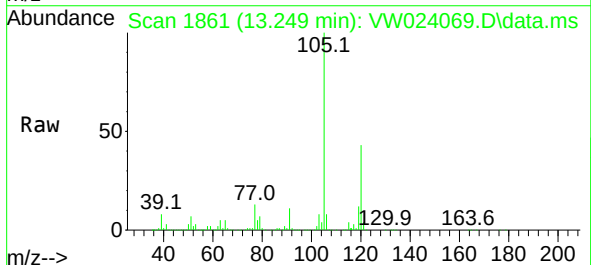
Acq: 25 Jul 2022 15:41

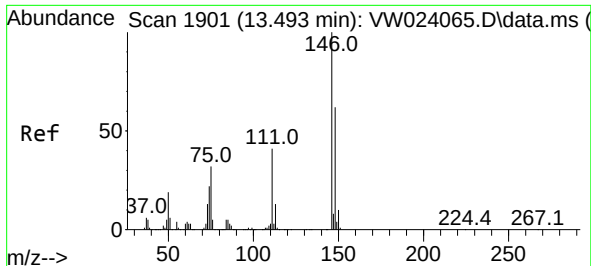
Tgt Ion:105 Resp: 241500

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1

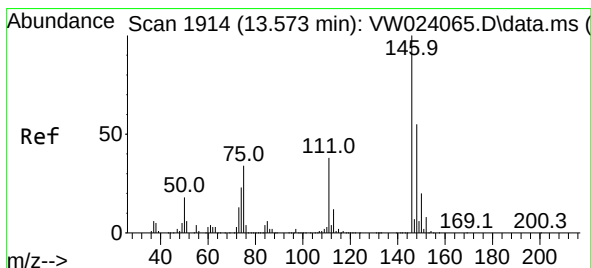
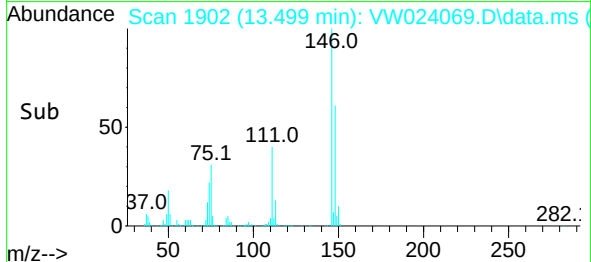
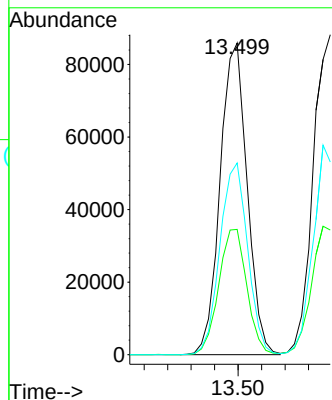
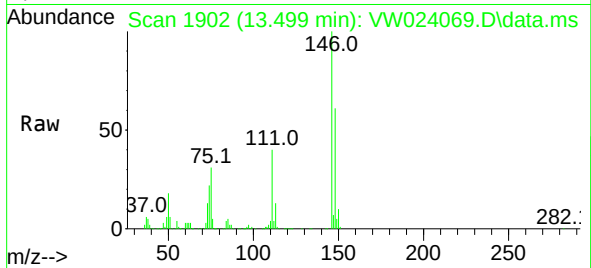




#64
1,3-Dichlorobenzene
Concen: 22.627 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

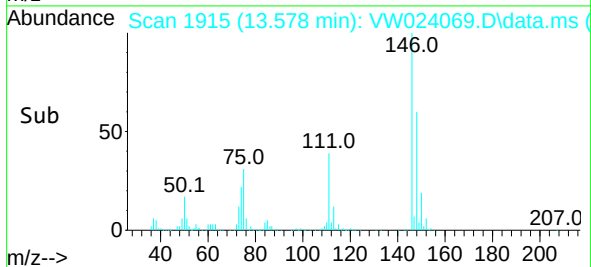
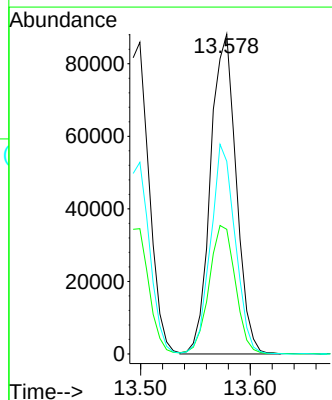
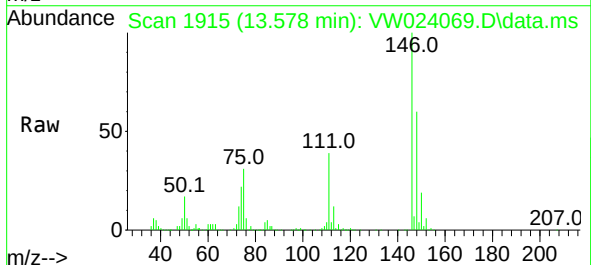
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

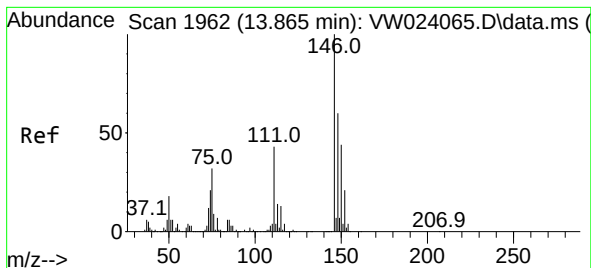
Tgt Ion:146 Resp: 137319
Ion Ratio Lower Upper
146 100
111 40.2 26.4 49.0
148 61.5 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 22.219 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion:146 Resp: 143145
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.9
148 60.2 43.2 80.2

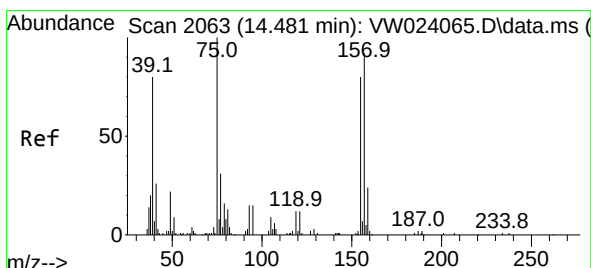
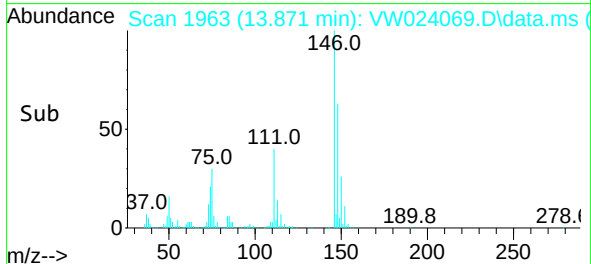
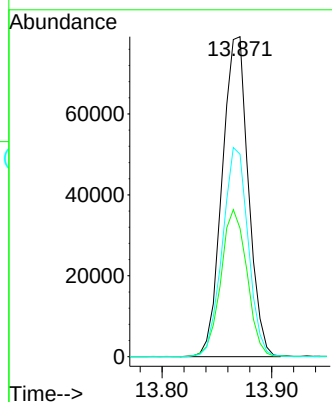
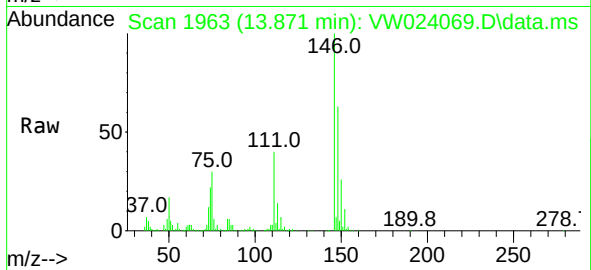




#67
1,2-Dichlorobenzene
Concen: 23.170 ug/L
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

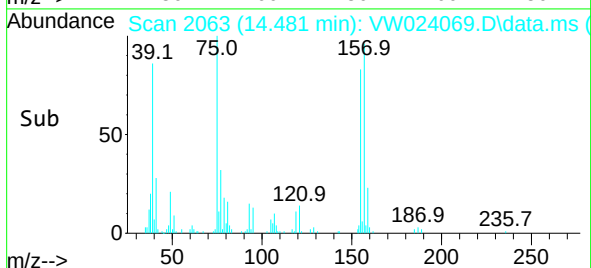
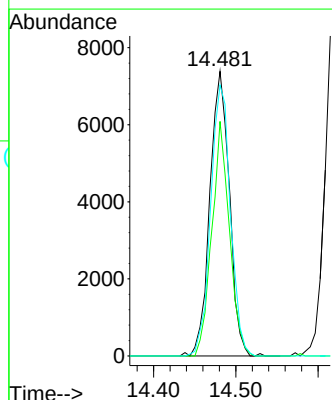
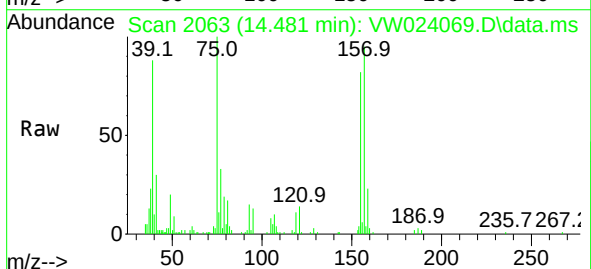
Instrument :
MSVOA_W
ClientSampleId :
H0B66MS

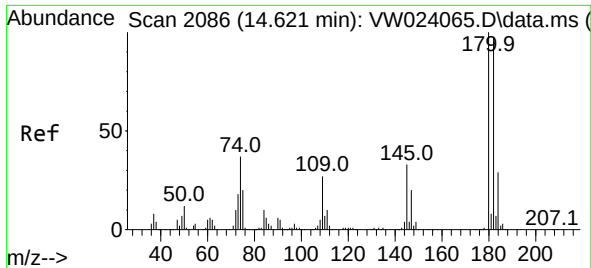
Tgt Ion:146 Resp: 131530
Ion Ratio Lower Upper
146 100
111 40.1 33.9 50.9
148 63.2 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.171 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024069.D
Acq: 25 Jul 2022 15:41

Tgt Ion: 75 Resp: 12161
Ion Ratio Lower Upper
75 100
155 82.4 58.6 88.0
157 95.2 64.0 96.0

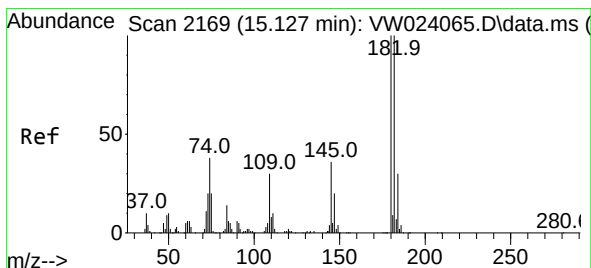
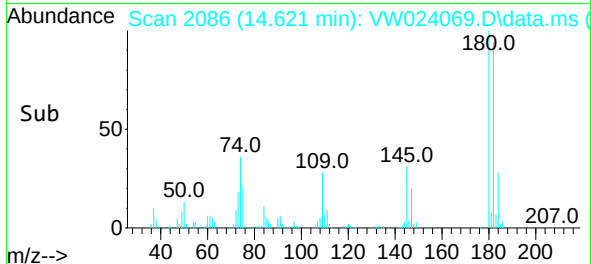
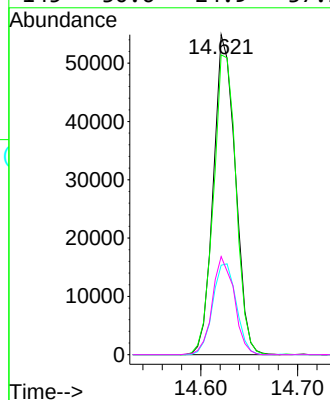
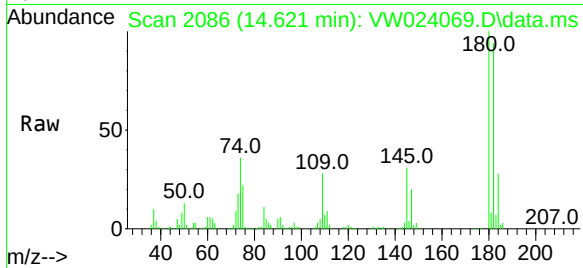




#69
 1,3,5-Trichlorobenzene
 Concen: 22.313 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.000 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

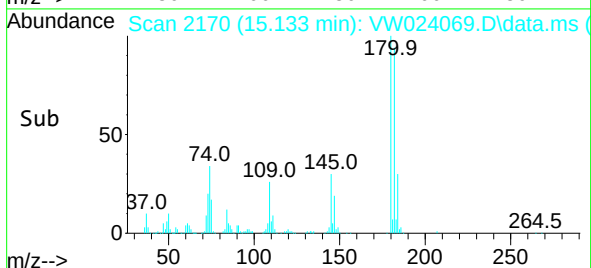
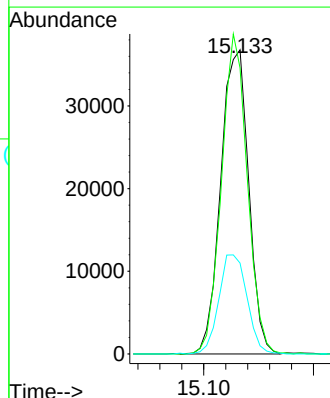
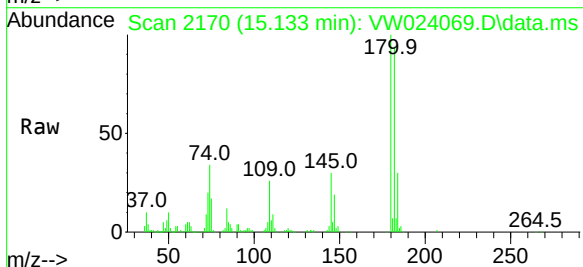
Instrument :
 MSVOA_W
 ClientSampleId :
 H0B66MS

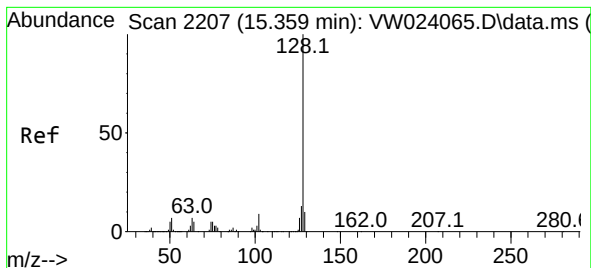
Tgt Ion:180	Resp:	86354
Ion Ratio	Lower	Upper
180	100	
182	96.4	73.9 110.9
184	30.5	23.5 35.3
145	30.6	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 22.228 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW024069.D
 Acq: 25 Jul 2022 15:41

Tgt Ion:180	Resp:	65183
Ion Ratio	Lower	Upper
180	100	
182	97.2	72.0 108.0
145	32.9	24.9 37.3





#71

Naphthalene

Concen: 24.684 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Instrument :

MSVOA_W

ClientSampleId :

H0B66MS

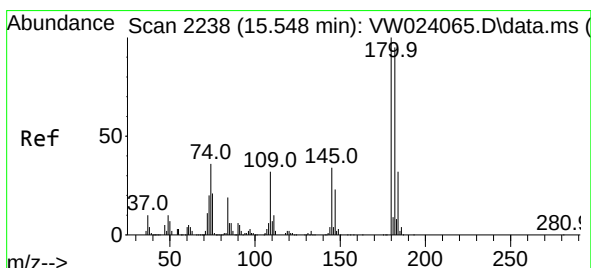
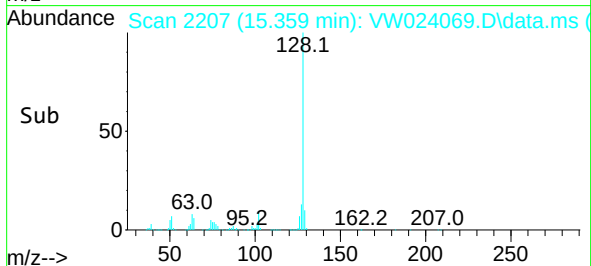
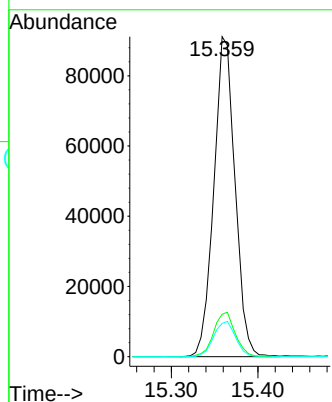
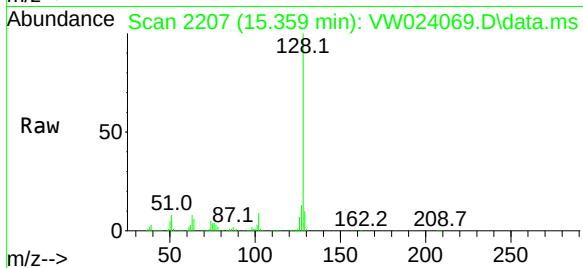
Tgt Ion:128 Resp: 154891

Ion Ratio Lower Upper

128 100

127 14.1 11.0 16.4

129 11.4 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 23.797 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024069.D

Acq: 25 Jul 2022 15:41

Tgt Ion:180 Resp: 65640

Ion Ratio Lower Upper

180 100

182 99.1 77.8 116.8

145 33.9 27.6 41.4

