

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023447.D
 Acq On : 10 Jun 2022 15:28
 Operator : SY/VA
 Sample : N3226-21MS
 Misc : 6.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4P0MS

Quant Time: Jun 11 00:08:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	376987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	330385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	144475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	147202	24.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.320%
7) Chloroethane-d5	2.879	69	116860	26.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.160%
11) 1,1-Dichloroethene-d2	4.025	63	171929	20.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.280%
21) 2-Butanone-d5	7.086	46	24764	20.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.500%
24) Chloroform-d	7.647	84	237213	22.858	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	8.305	65	132771	23.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.275	84	421963	24.087	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.360%
36) 1,2-Dichloropropane-d6	9.274	67	130656	25.316	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.280%
41) Toluene-d8	10.323	98	379438	22.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	43164	18.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	10.927	63	22785	27.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120277	24.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	115391	22.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	47351	34.447	ug/L	98
3) Chloromethane	2.209	50	143467	31.552	ug/L	98
5) Vinyl chloride	2.355	62	204691	28.884	ug/L	99
6) Bromomethane	2.776	94	78066	19.463	ug/L	98
8) Chloroethane	2.916	64	106537	28.379	ug/L	96
9) Trichlorofluoromethane	3.251	101	59225	18.530	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	102785	22.307	ug/L	94
12) 1,1-Dichloroethene	4.044	96	96530	23.516	ug/L	90
13) Acetone	4.123	43	24348	27.636	ug/L	73
14) Carbon disulfide	4.379	76	266151	21.077	ug/L	99
15) Methyl Acetate	4.672	43	29997	15.250	ug/L	98
16) Methylene chloride	4.915	84	123328	24.172	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	116876	24.048	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	199463	27.268	ug/L	98
19) 1,1-Dichloroethane	6.214	63	222070	25.509	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	127271	23.946	ug/L #	98
22) 2-Butanone	7.171	43	23866	17.698	ug/L	96
23) Bromochloromethane	7.513	128	60326	24.638	ug/L	94
25) Chloroform	7.677	83	242115	24.645	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

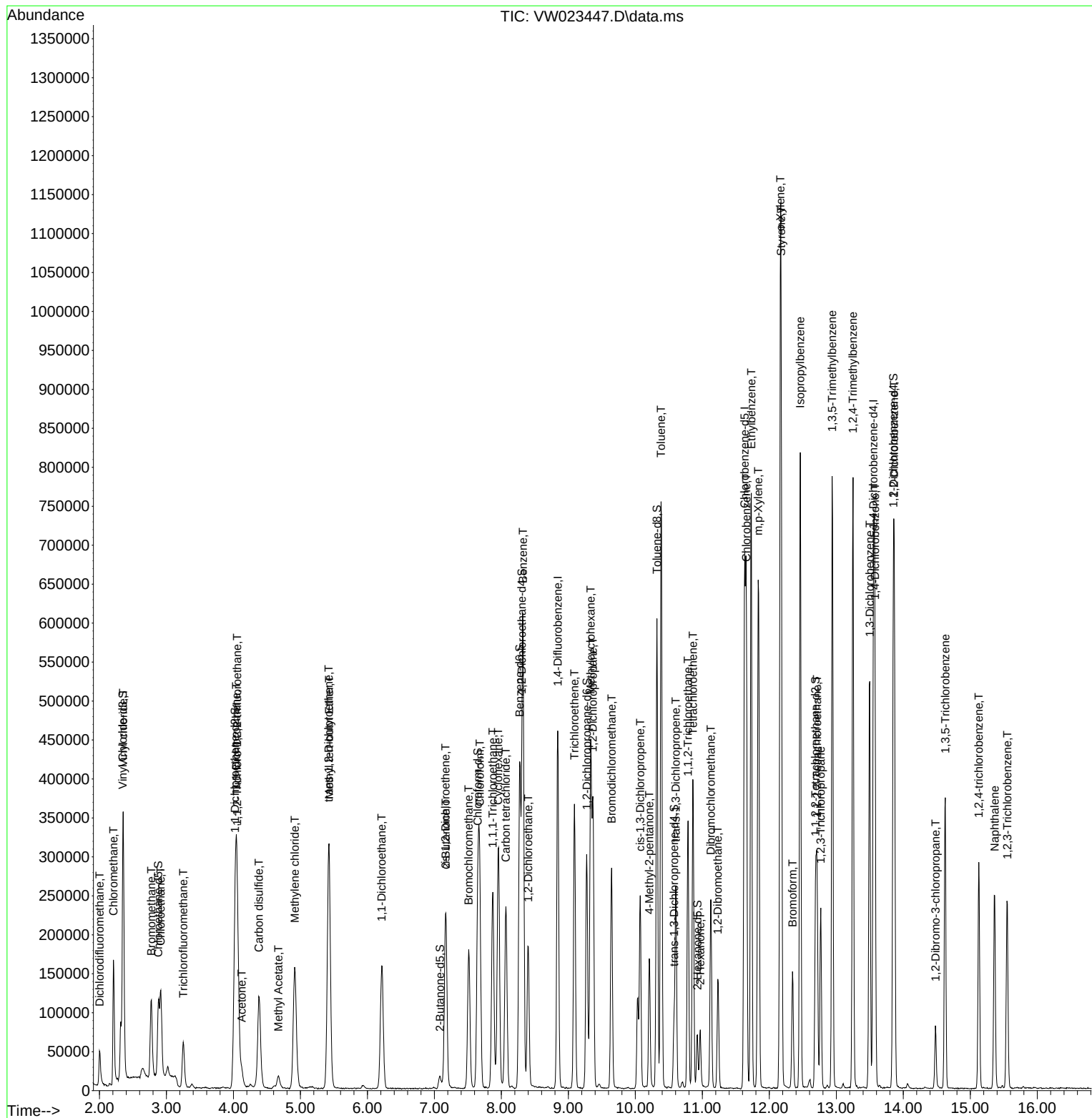
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	164976	25.392	ug/L	100
29) Cyclohexane	7.951	56	159017	23.896	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	198094	25.903	ug/L	98
31) Carbon tetrachloride	8.067	117	166668	23.656	ug/L	99
33) Benzene	8.323	78	509673	26.705	ug/L	100
34) Trichloroethene	9.091	95	121846	23.819	ug/L	95
35) Methylcyclohexane	9.335	83	175242	21.160	ug/L	97
37) 1,2-Dichloropropane	9.366	63	128697	27.593	ug/L	99
38) Bromodichloromethane	9.646	83	182064	27.754	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	135655	18.980	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	105599	39.696	ug/L	96
42) Toluene	10.384	91	540006	25.324	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	135483	21.007	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	100613	26.261	ug/L	98
46) Tetrachloroethene	10.859	164	78936	19.988	ug/L	90
48) 2-Hexanone	10.969	43	43886	24.411	ug/L	98
49) Dibromochloromethane	11.128	129	116950	26.065	ug/L	98
50) 1,2-Dibromoethane	11.231	107	88970	24.842	ug/L	95
51) Chlorobenzene	11.658	112	320369	22.262	ug/L	95
52) Ethylbenzene	11.731	91	532870	21.988	ug/L	96
53) m,p-Xylene	11.835	106	206314	21.873	ug/L	96
54) o-Xylene	12.164	106	209999	23.298	ug/L	100
55) Styrene	12.176	104	306602	19.563	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122370	26.301	ug/L	99
59) Bromoform	12.347	173	61907	30.145	ug/L	99
60) Isopropylbenzene	12.463	105	499881	24.172	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87369	31.782	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	399158	23.600	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	404476	23.897	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	203229	22.152	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	202139	21.578	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	196701	23.408	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	18411	30.331	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	104566	17.443	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	83603	17.910	ug/L	98
71) Naphthalene	15.365	128	205358	22.364	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	73805	18.187	ug/L	99

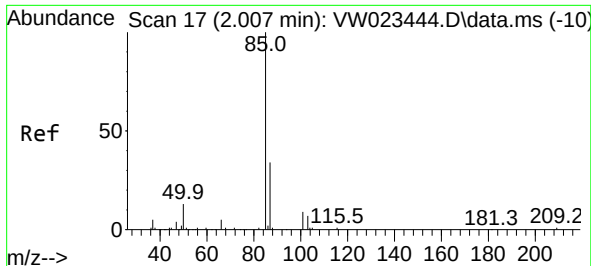
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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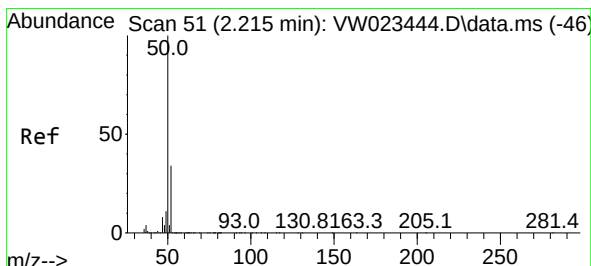
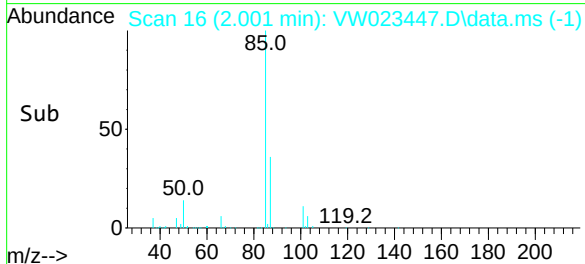
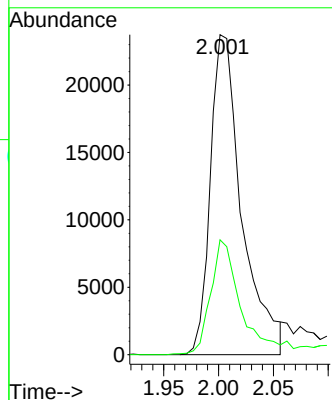
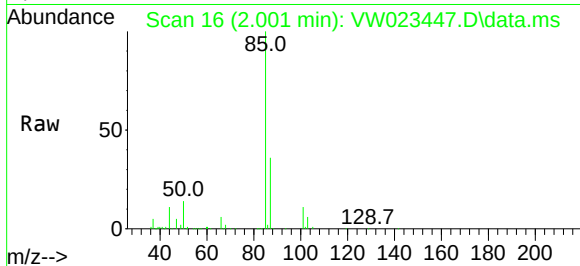




#2
 Dichlorodifluoromethane
 Concen: 34.447 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

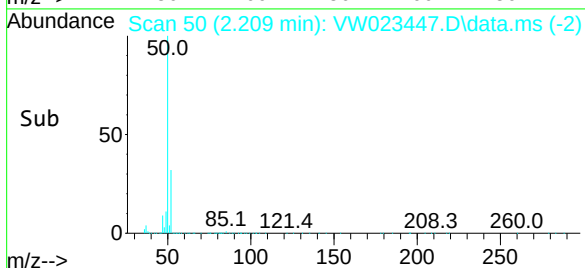
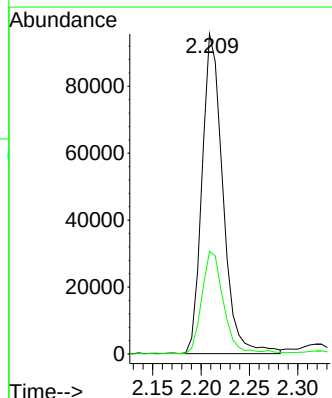
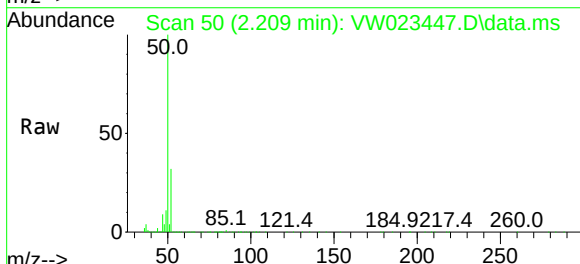
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4P0MS

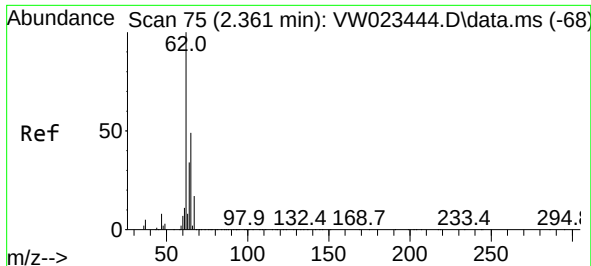
Tgt Ion: 85 Resp: 47351
 Ion Ratio Lower Upper
 85 100
 87 33.9 27.8 41.8



#3
 Chloromethane
 Concen: 31.552 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Tgt Ion: 50 Resp: 143467
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9

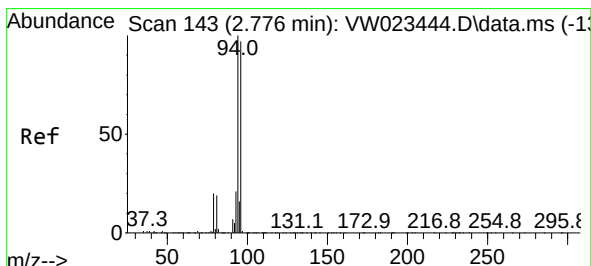
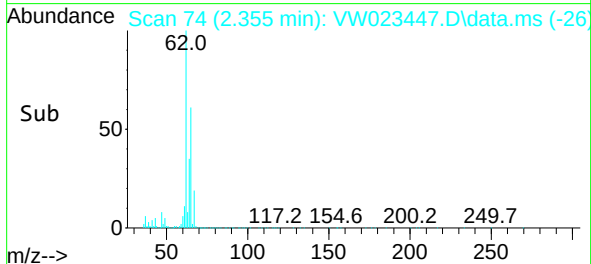
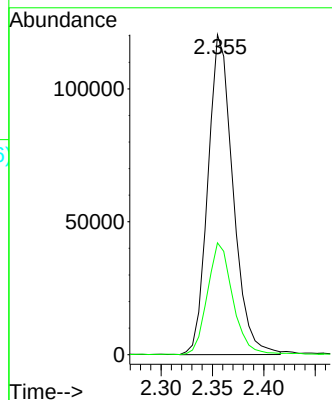
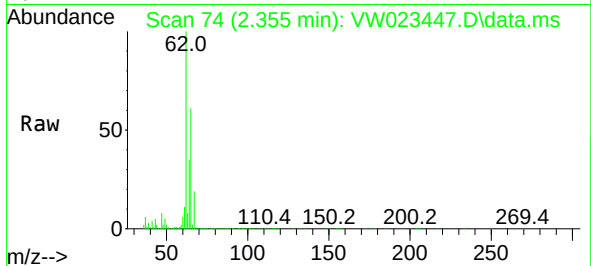




#5
 Vinyl chloride
 Concen: 28.884 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

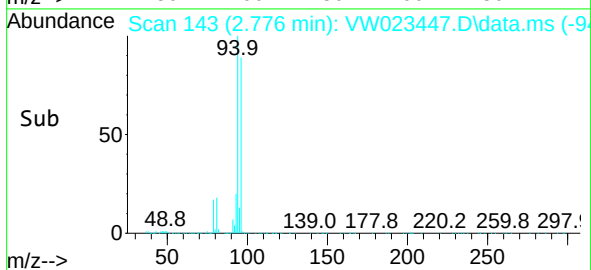
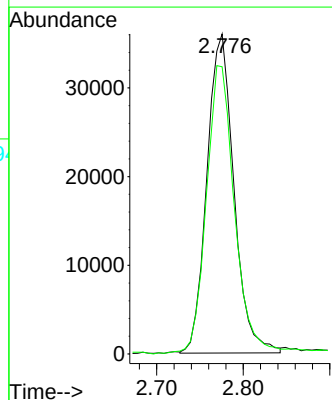
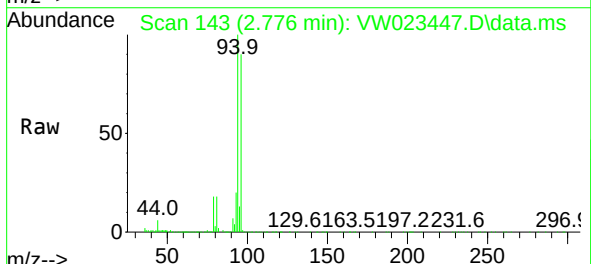
Instrument :
 MSVOA_W
 ClientSampleId :
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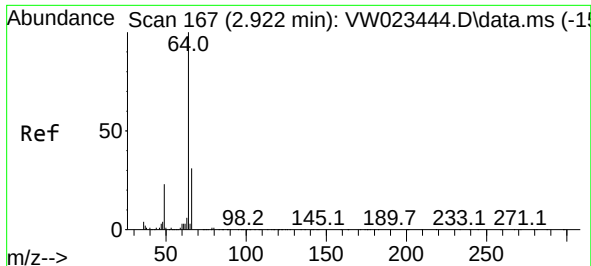
Tgt Ion: 62 Resp: 204691
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.9 46.3



#6
 Bromomethane
 Concen: 19.463 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Tgt Ion: 94 Resp: 78066
 Ion Ratio Lower Upper
 94 100
 96 89.7 61.7 114.5

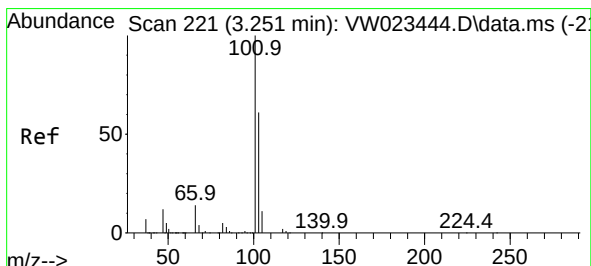
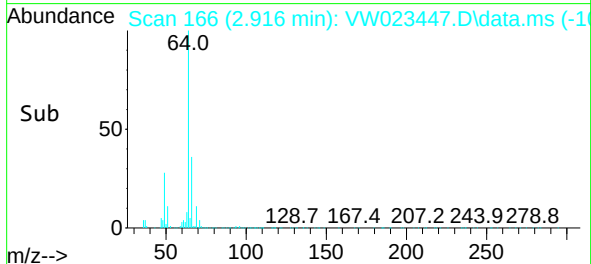
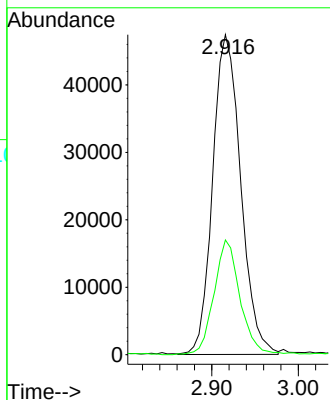
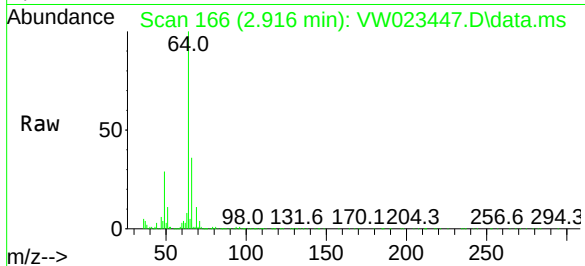




#8
Chloroethane
Concen: 28.379 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

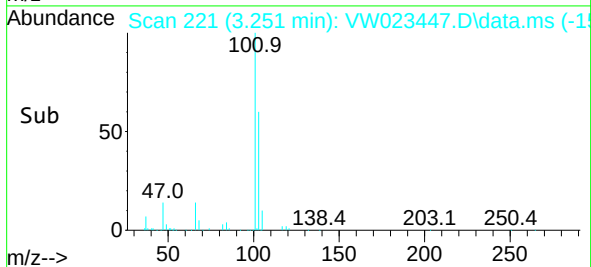
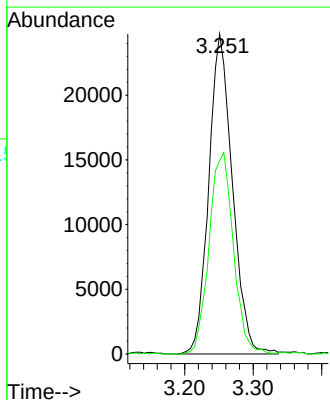
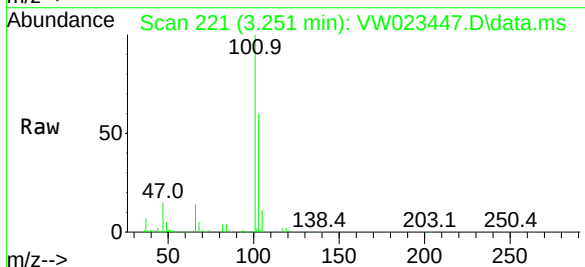
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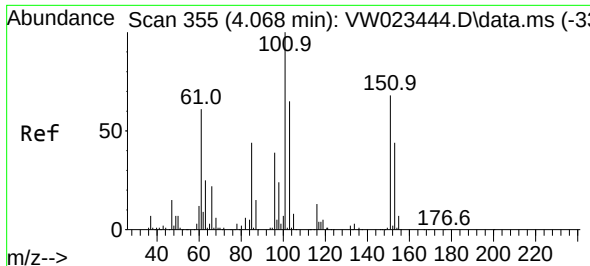
Tgt Ion: 64 Resp: 106537
Ion Ratio Lower Upper
64 100
66 35.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.530 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 101 Resp: 59225
Ion Ratio Lower Upper
101 100
103 64.6 53.9 80.9

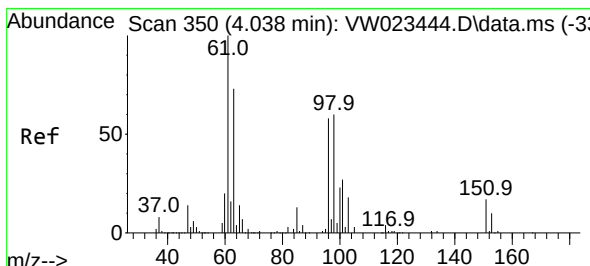
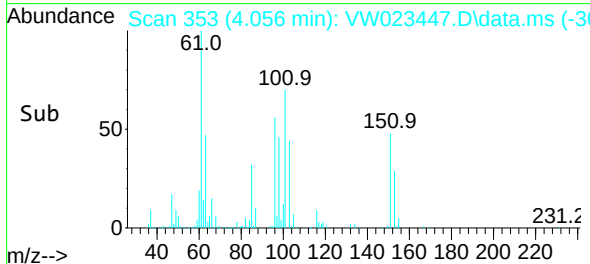
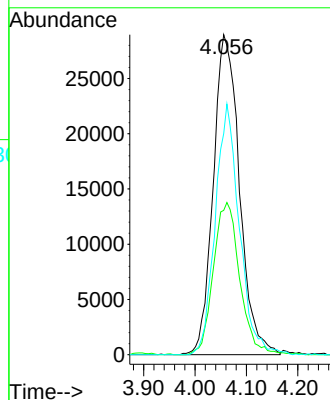
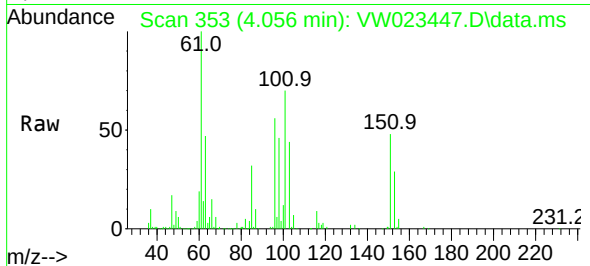




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.307 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

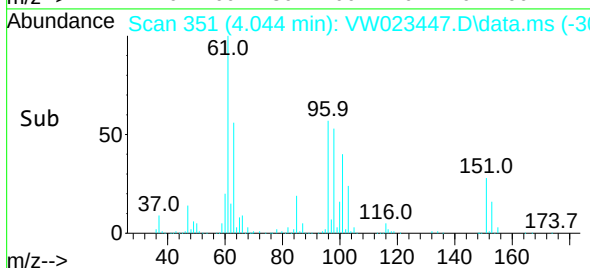
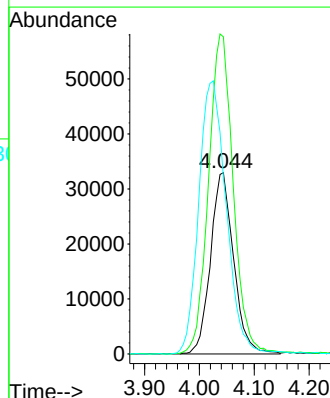
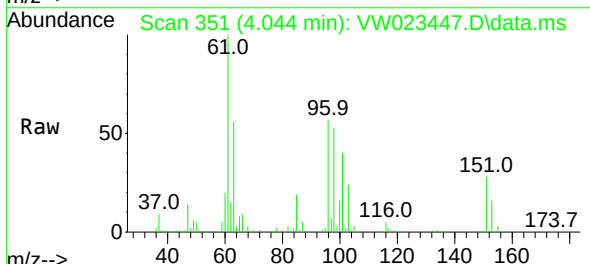
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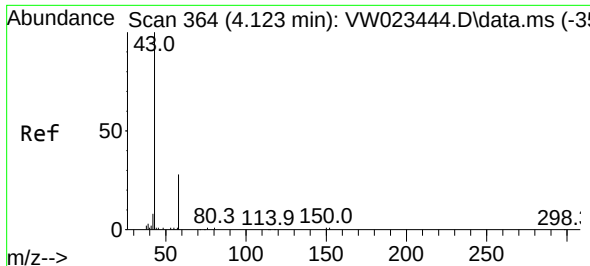
Tgt Ion:101 Resp: 102785
 Ion Ratio Lower Upper
 101 100
 85 47.8 34.3 51.5
 151 71.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.516 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Tgt Ion: 96 Resp: 96530
 Ion Ratio Lower Upper
 96 100
 61 175.0 125.7 233.5
 63 97.5 83.4 155.0





#13

Acetone

Concen: 27.636 ug/L

RT: 4.123 min Scan# 30

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

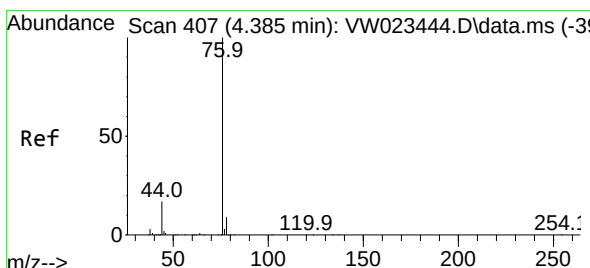
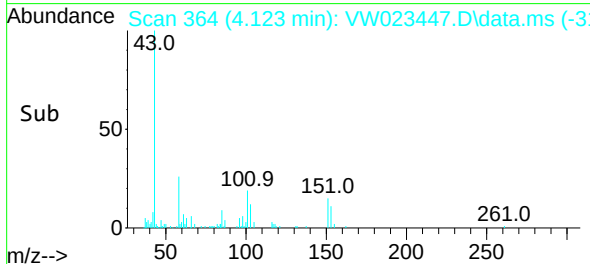
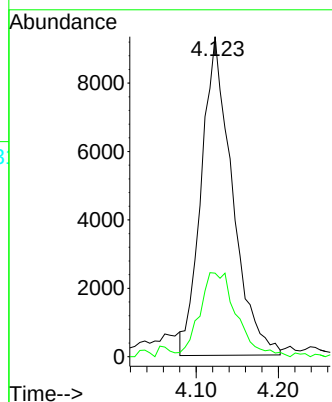
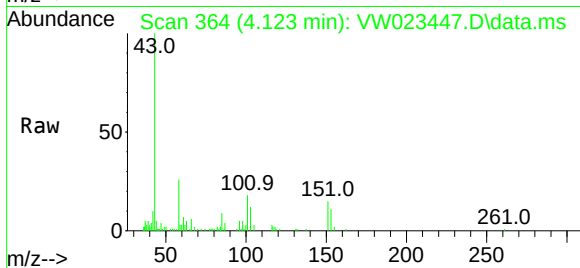
EW4P0MS

Tgt Ion: 43 Resp: 24348

Ion Ratio Lower Upper

43 100

58 16.9 0.0 64.0



#14

Carbon disulfide

Concen: 21.077 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW023447.D

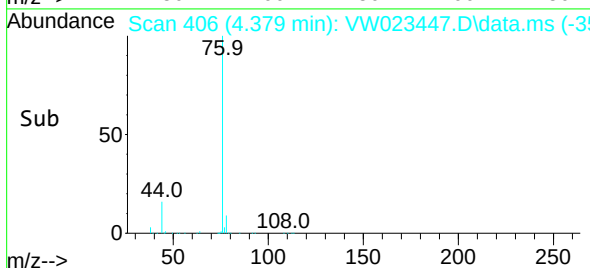
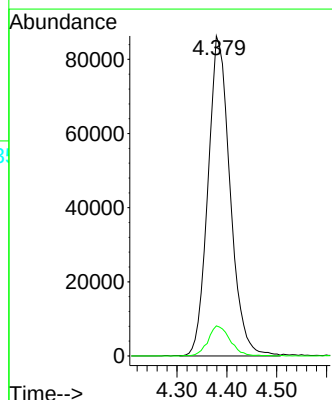
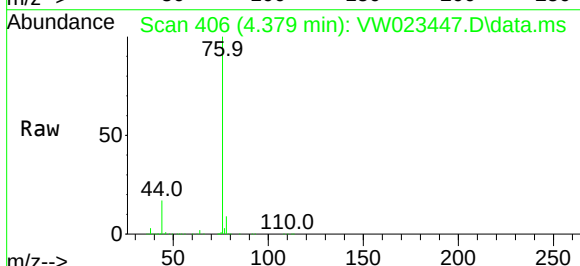
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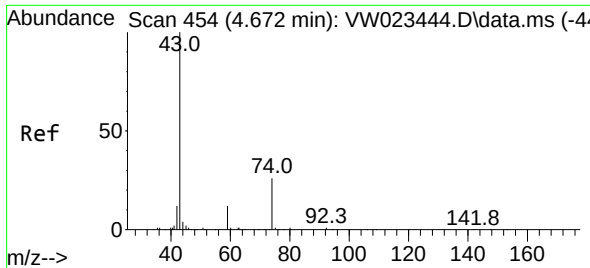
Tgt Ion: 76 Resp: 266151

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

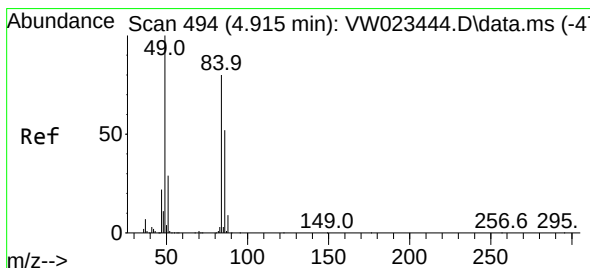
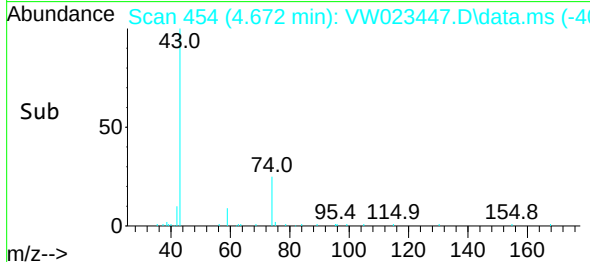
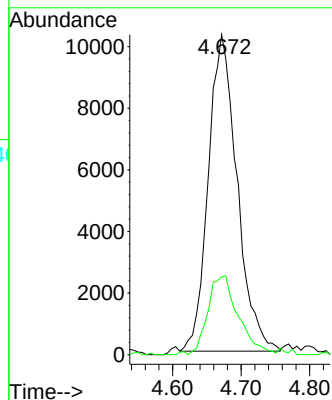
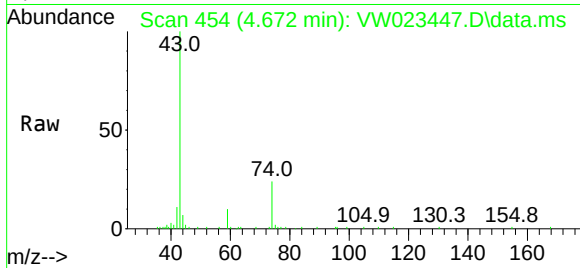




#15
Methyl Acetate
Concen: 15.250 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

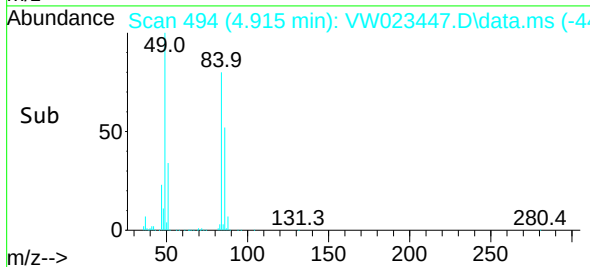
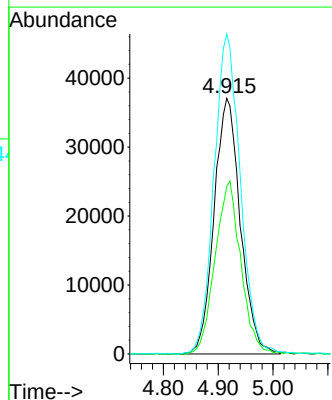
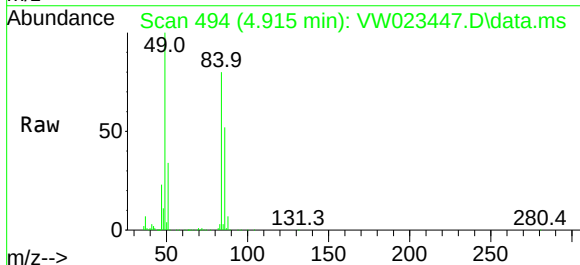
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

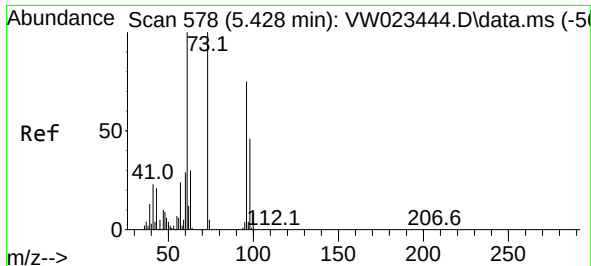
Tgt Ion: 43 Resp: 29997
Ion Ratio Lower Upper
43 100
74 26.3 21.9 32.9



#16
Methylene chloride
Concen: 24.172 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 84 Resp: 123328
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.4
49 125.1 82.5 153.1

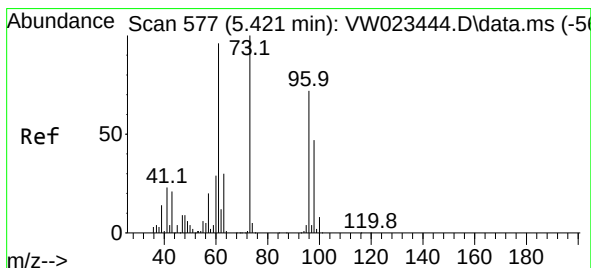
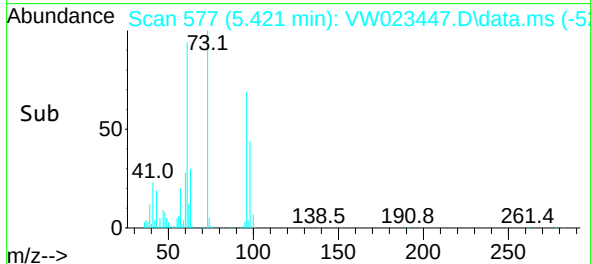
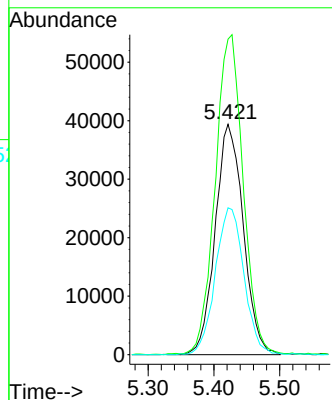
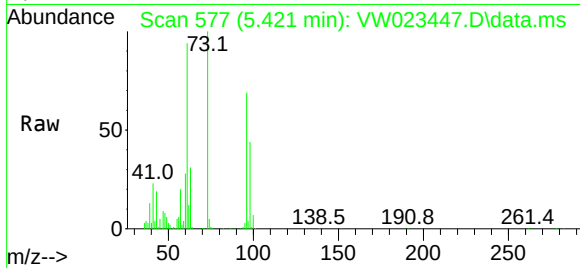




#17
trans-1,2-Dichloroethene
Concen: 24.048 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

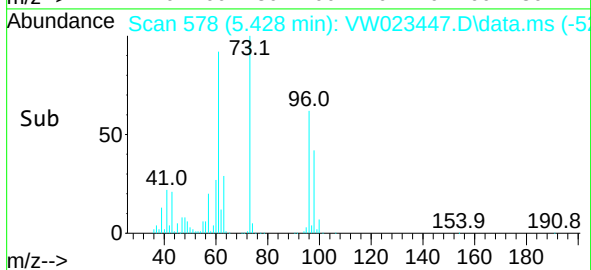
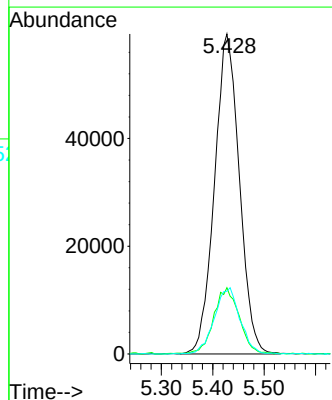
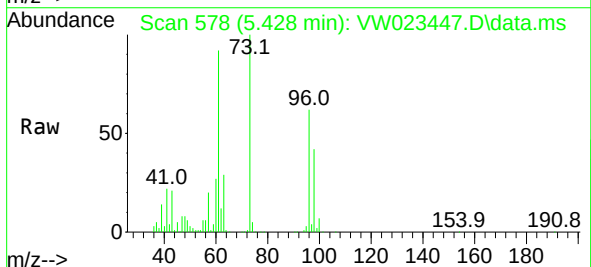
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

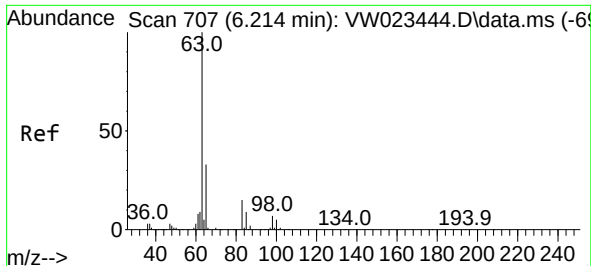
Tgt Ion: 96 Resp: 116876
Ion Ratio Lower Upper
96 100
61 137.0 92.2 171.2
98 63.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 27.268 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 73 Resp: 199463
Ion Ratio Lower Upper
73 100
43 20.9 15.9 23.9
57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.509 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

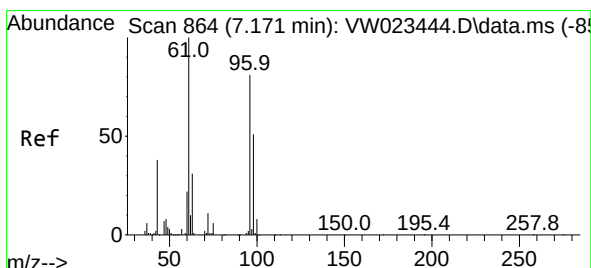
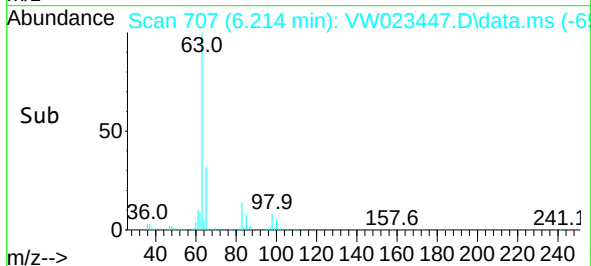
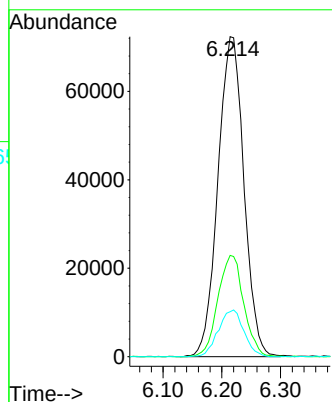
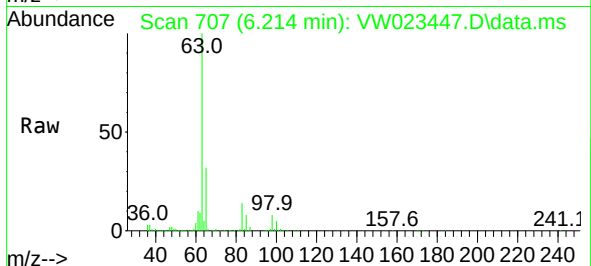
MSVOA_W

ClientSampleId :

EW4P0MS

Tgt Ion: 63 Resp: 222070

Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.3	43.3
83	14.0	11.1	20.5



#20

cis-1,2-Dichloroethene

Concen: 23.946 ug/L

RT: 7.165 min Scan# 863

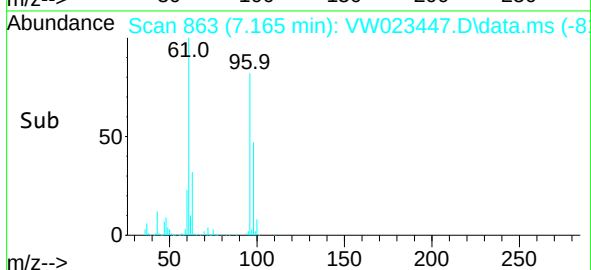
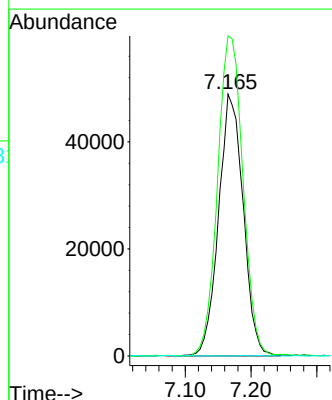
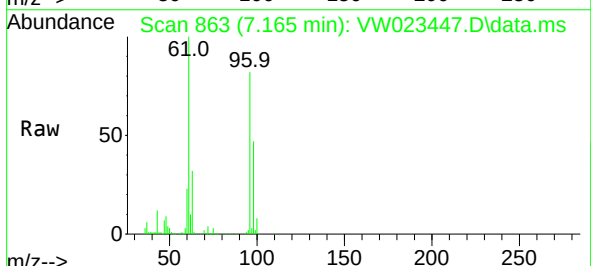
Delta R.T. -0.006 min

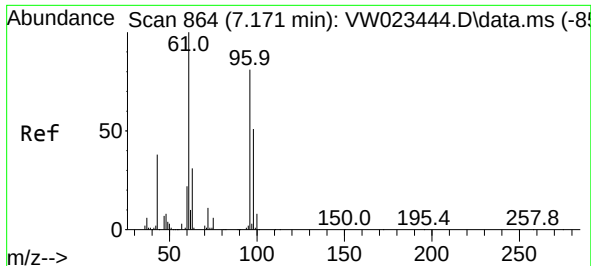
Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Tgt Ion: 96 Resp: 127271

Ion	Ratio	Lower	Upper
96	100		
61	122.3	84.2	156.4
68	0.0	0.1	0.1

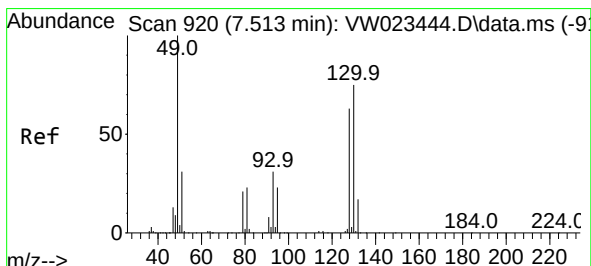
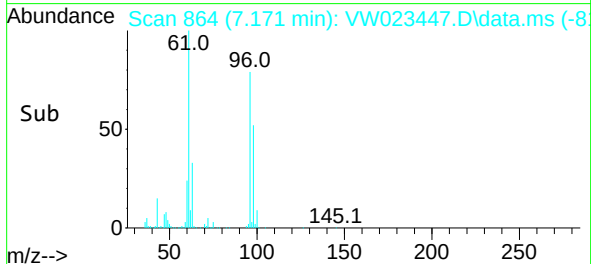
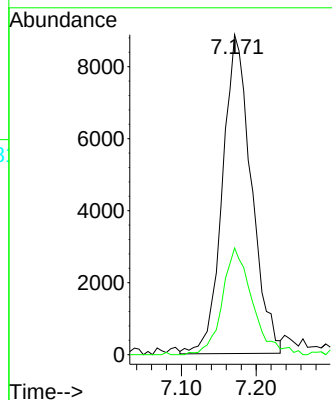
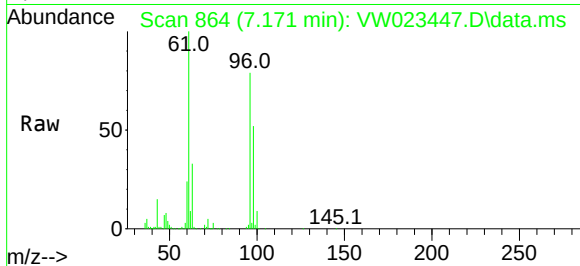




#22
2-Butanone
Concen: 17.698 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

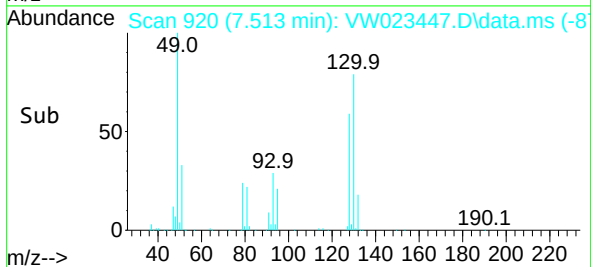
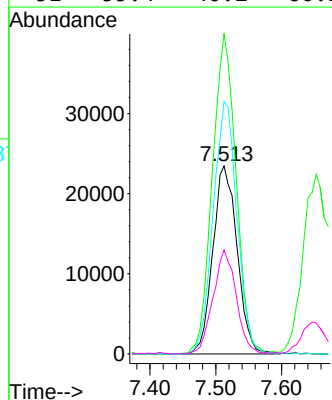
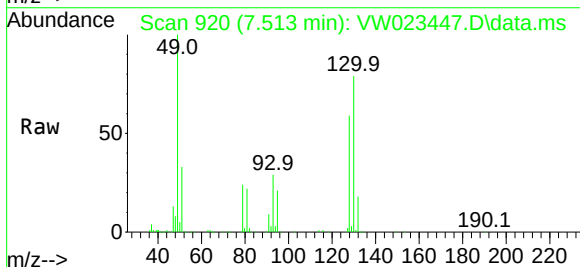
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

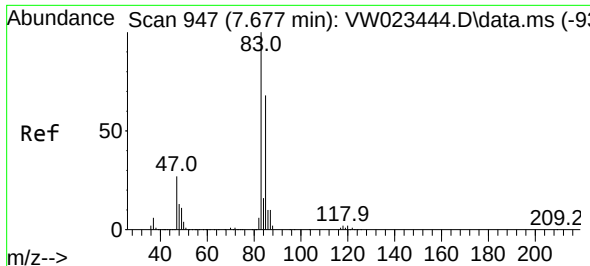
Tgt Ion: 43 Resp: 23866
Ion Ratio Lower Upper
43 100
72 32.4 15.1 45.3



#23
Bromochloromethane
Concen: 24.638 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 128 Resp: 60326
Ion Ratio Lower Upper
128 100
49 170.3 110.0 204.4
130 134.3 94.8 176.0
51 55.4 40.2 60.2

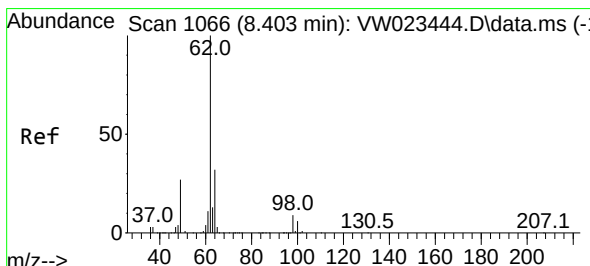
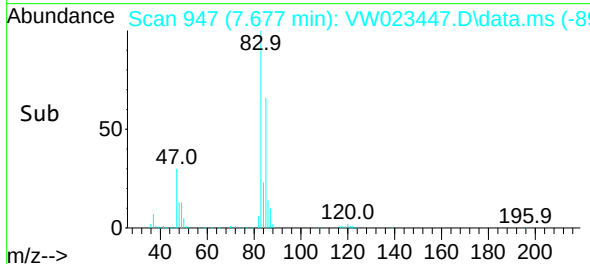
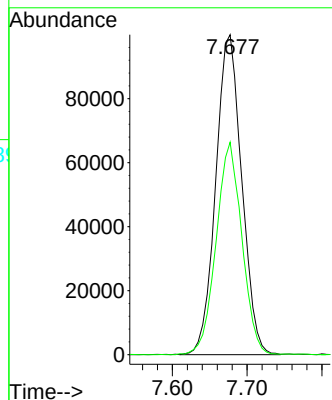
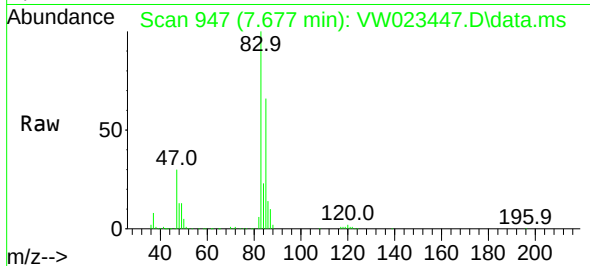




#25
Chloroform
Concen: 24.645 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

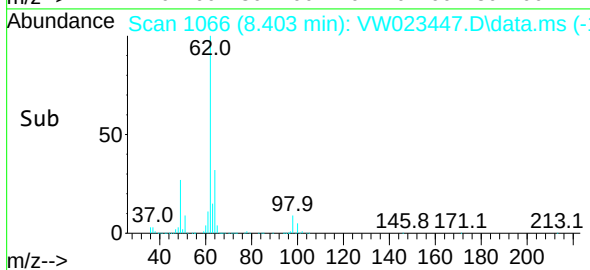
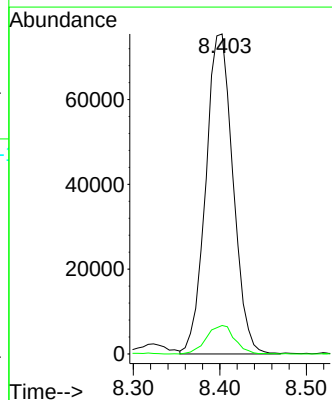
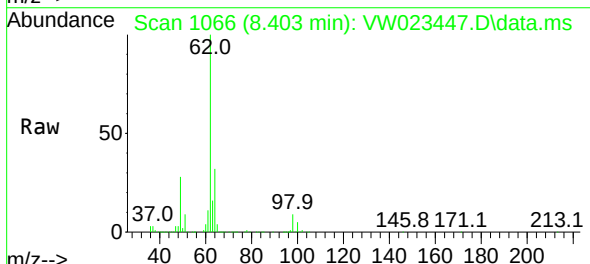
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

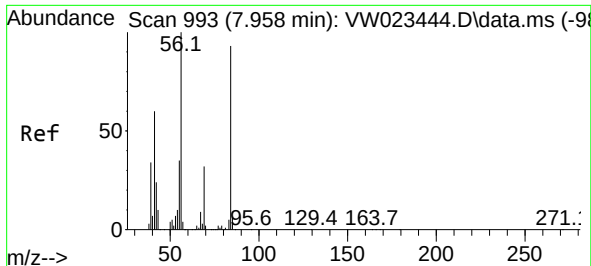
Tgt Ion: 83 Resp: 242115
Ion Ratio Lower Upper
83 100
85 66.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.392 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 62 Resp: 164976
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

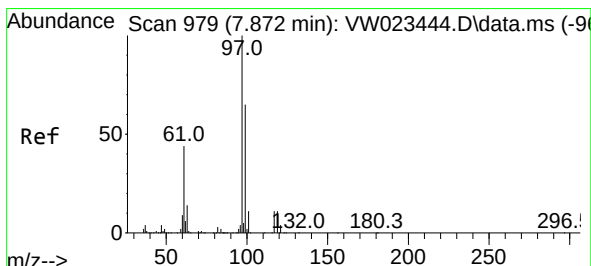
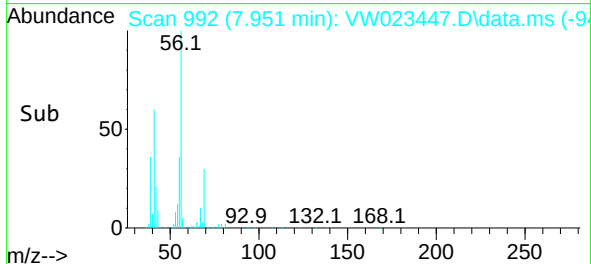
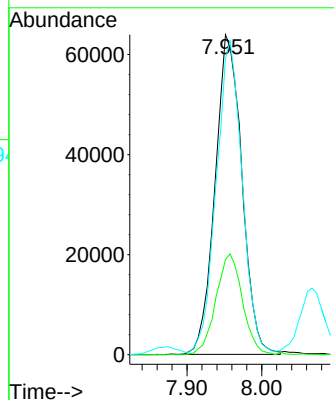
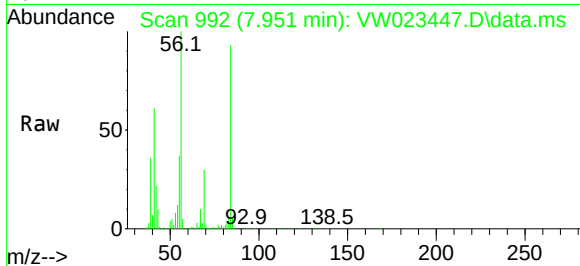




#29
Cyclohexane
Concen: 23.896 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

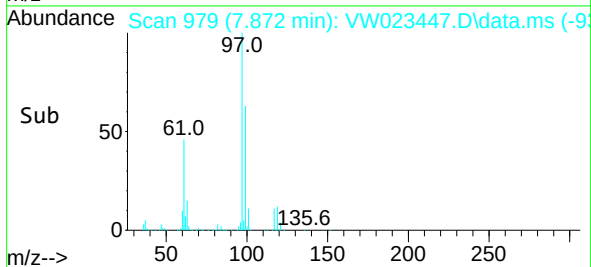
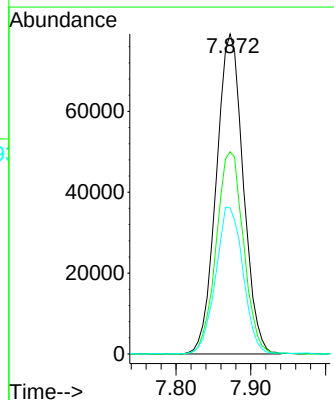
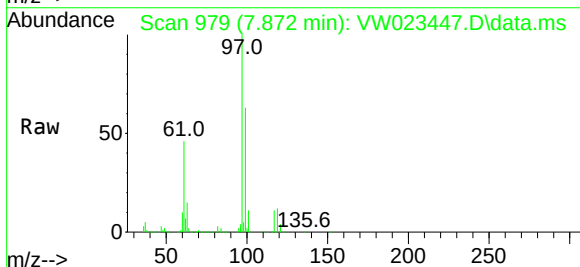
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

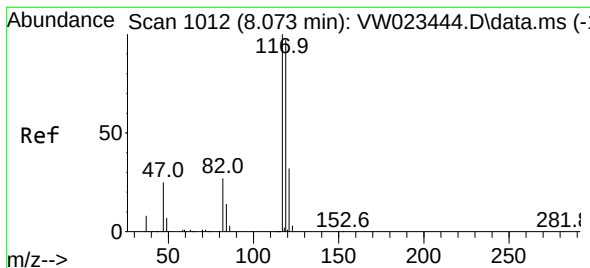
Tgt Ion: 56 Resp: 159017
Ion Ratio Lower Upper
56 100
69 31.2 25.6 38.4
84 95.5 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.903 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 97 Resp: 198094
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 46.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.656 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

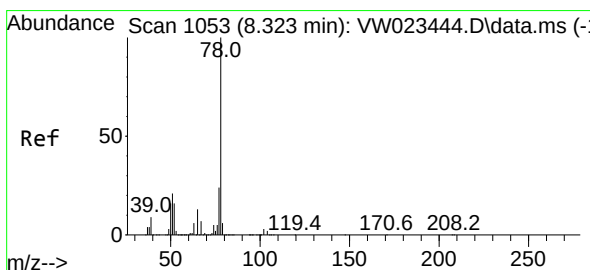
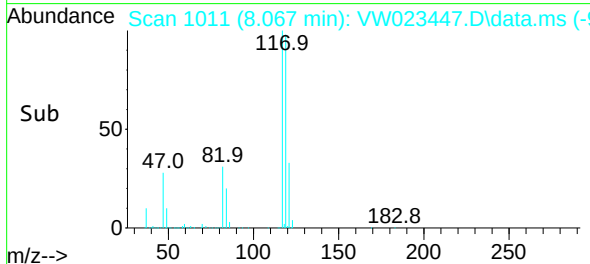
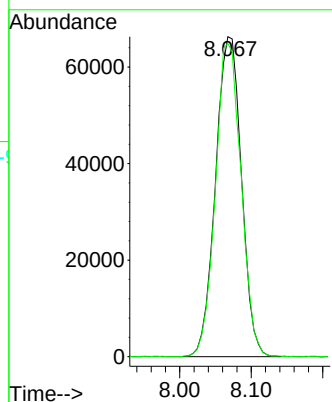
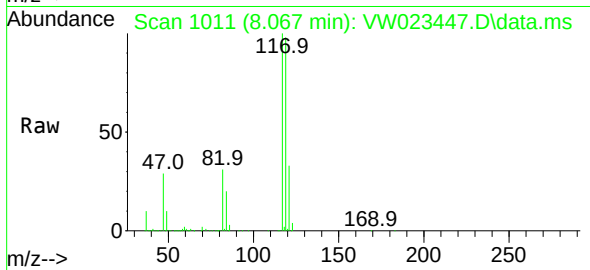
EW4P0MS

Tgt Ion:117 Resp: 166668

Ion Ratio Lower Upper

117 100

119 97.2 76.6 115.0



#33

Benzene

Concen: 26.705 ug/L

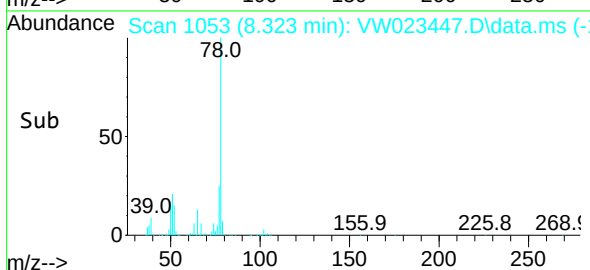
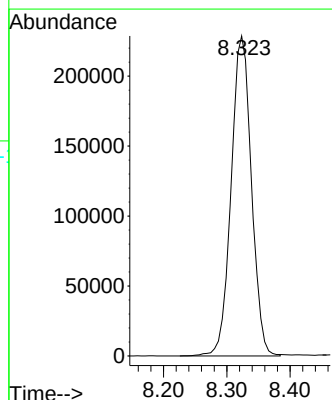
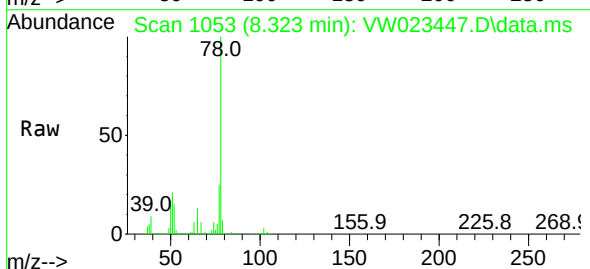
RT: 8.323 min Scan# 1053

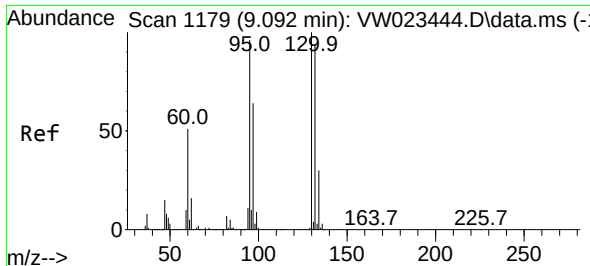
Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Tgt Ion: 78 Resp: 509673



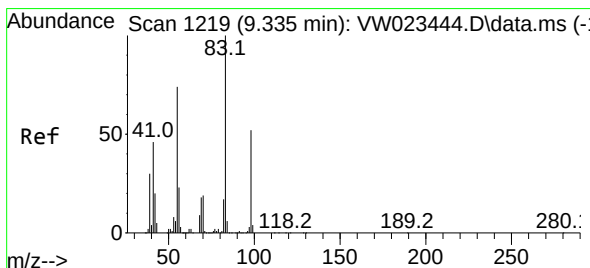
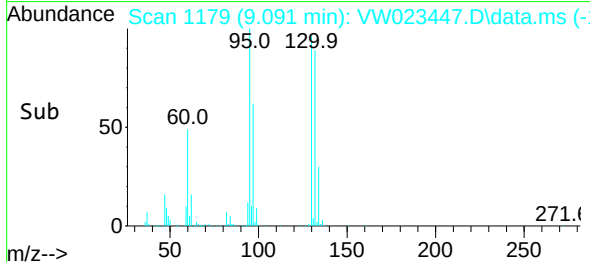
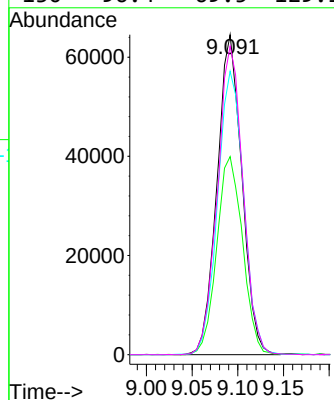
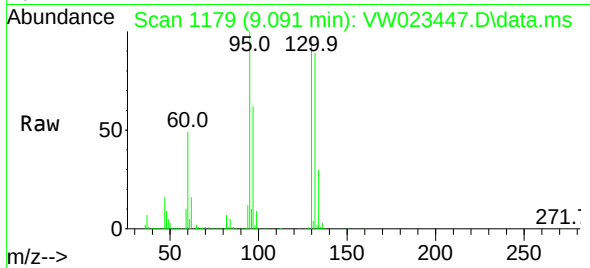


#34
 Trichloroethene
 Concen: 23.819 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4P0MS

Tgt Ion: 95 Resp: 121846

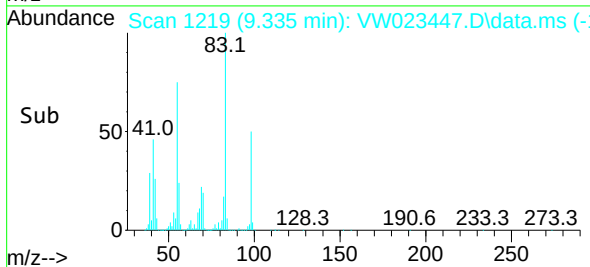
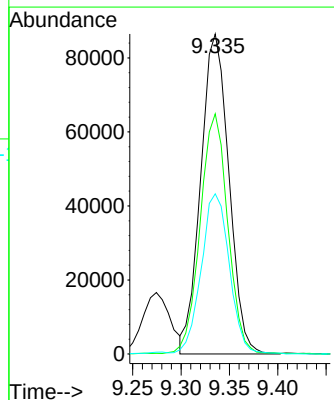
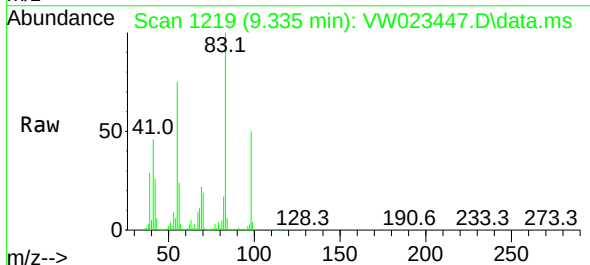
Ion	Ratio	Lower	Upper
95	100		
97	61.9	46.1	85.7
132	88.5	66.9	124.3
130	96.4	69.5	129.1

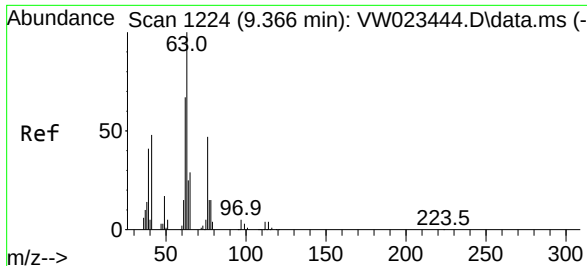


#35
 Methylcyclohexane
 Concen: 21.160 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Tgt Ion: 83 Resp: 175242

Ion	Ratio	Lower	Upper
83	100		
55	73.3	55.1	82.7
98	50.1	40.4	60.6





#37

1,2-Dichloropropane

Concen: 27.593 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

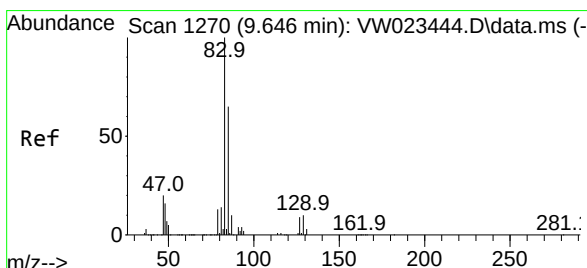
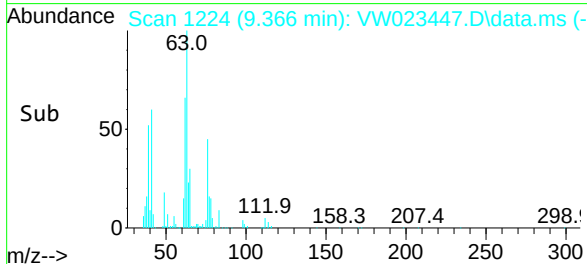
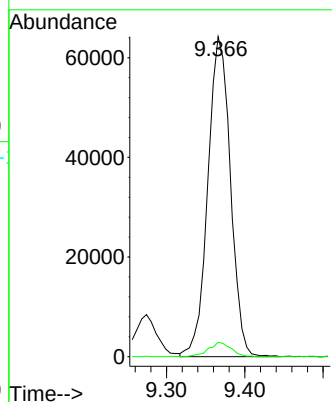
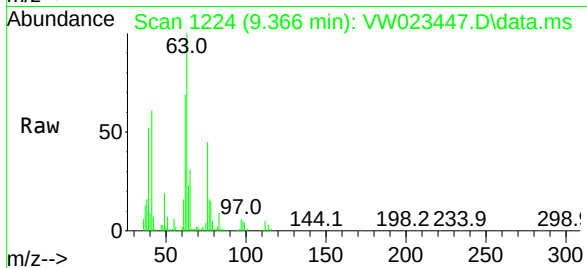
EW4P0MS

Tgt Ion: 63 Resp: 128697

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 27.754 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

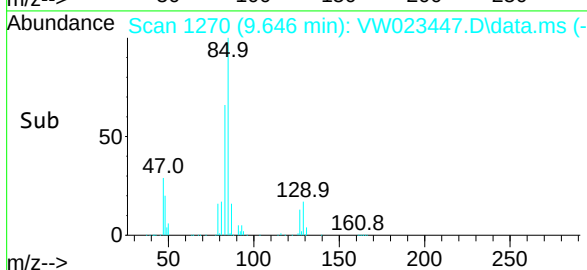
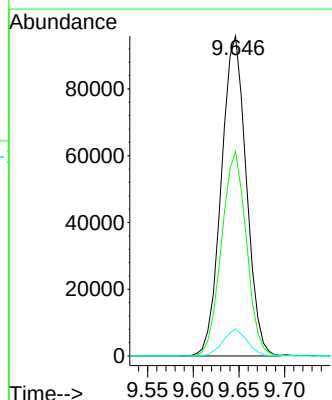
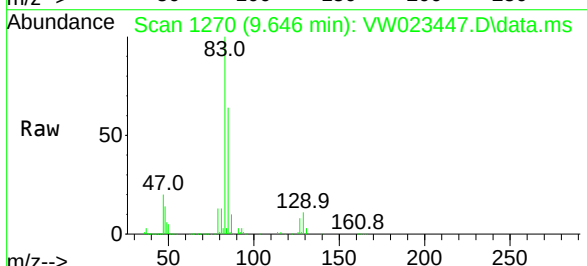
Tgt Ion: 83 Resp: 182064

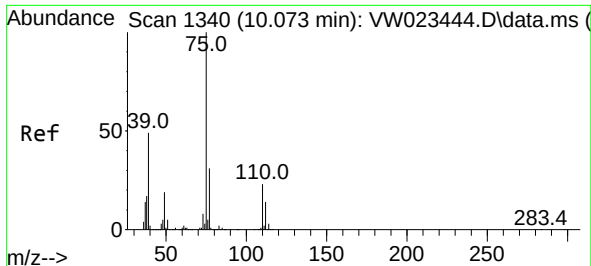
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.7

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 18.980 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

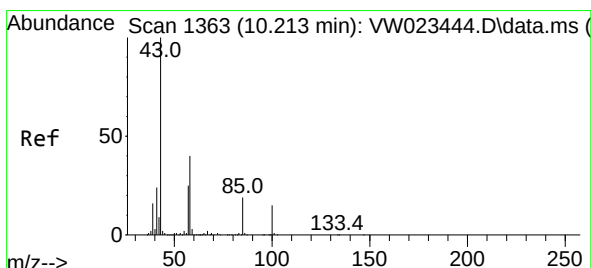
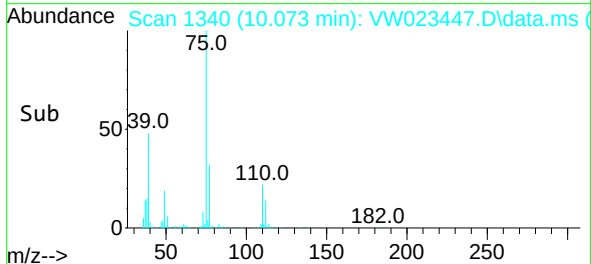
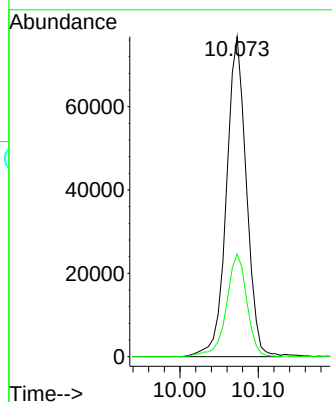
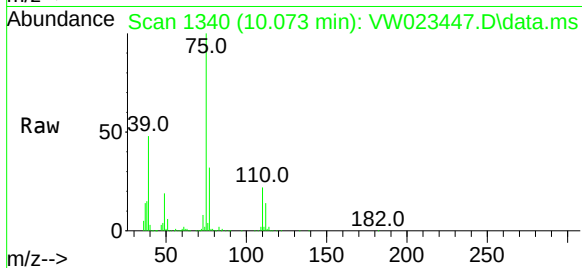
EW4P0MS

Tgt Ion: 75 Resp: 135655

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 39.696 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

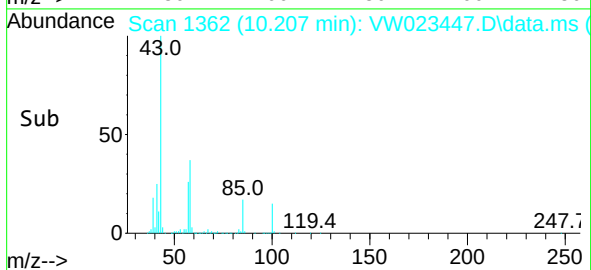
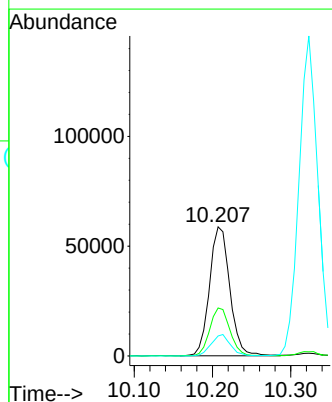
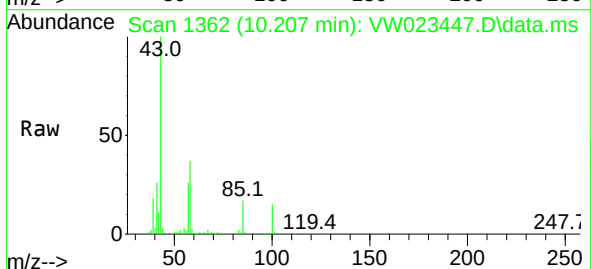
Tgt Ion: 43 Resp: 105599

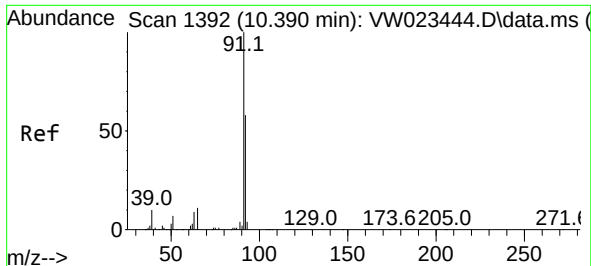
Ion Ratio Lower Upper

43 100

58 37.0 31.4 47.2

100 15.9 14.2 21.4

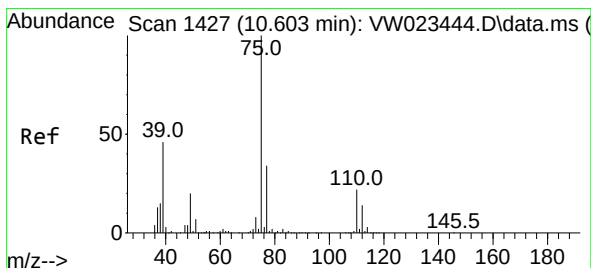
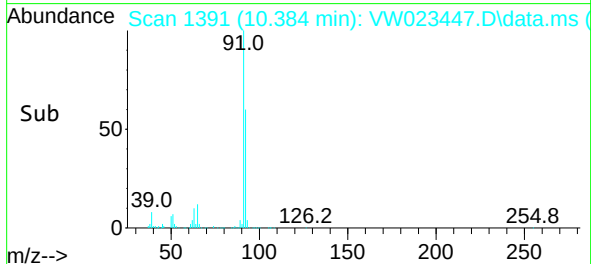
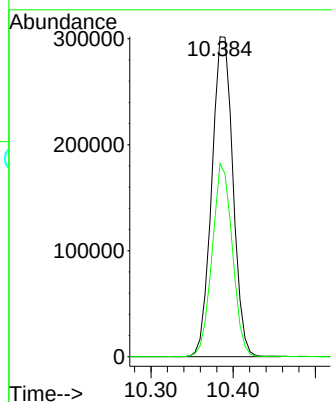
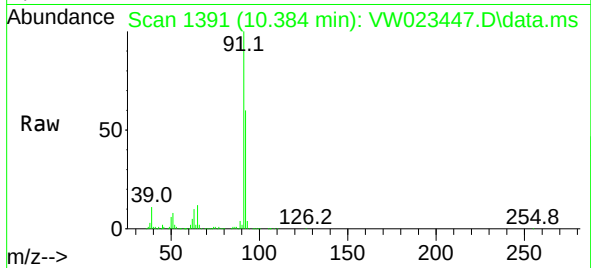




#42
Toluene
Concen: 25.324 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

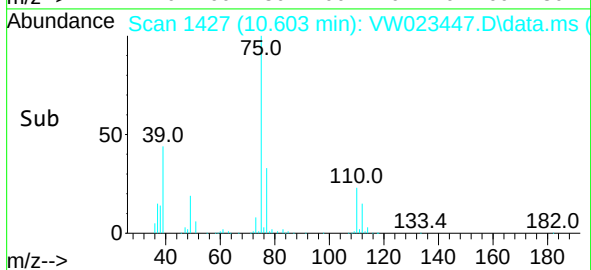
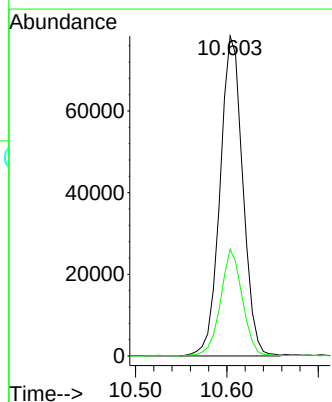
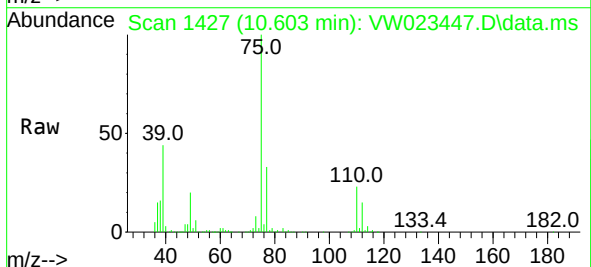
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

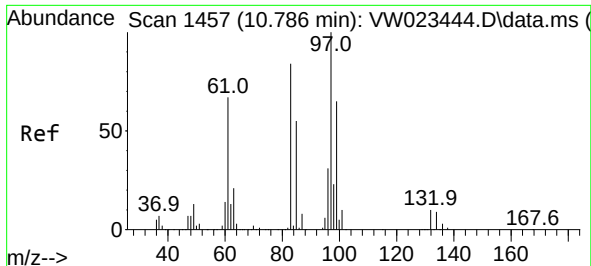
Tgt Ion: 91 Resp: 540006
Ion Ratio Lower Upper
91 100
92 60.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 21.007 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 75 Resp: 135483
Ion Ratio Lower Upper
75 100
77 33.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.261 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

EW4P0MS

Tgt Ion: 97 Resp: 100613

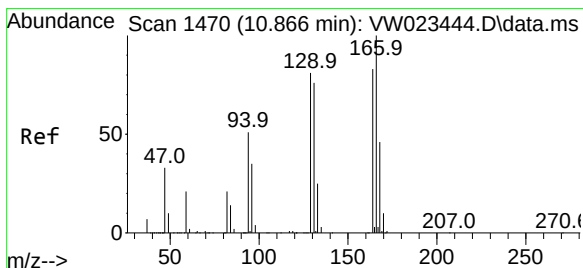
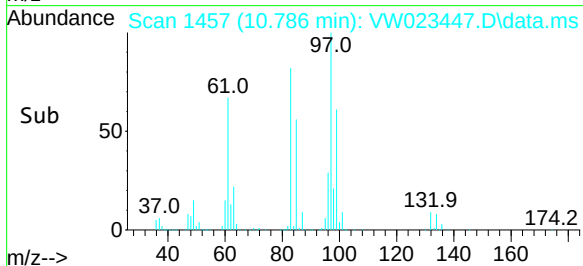
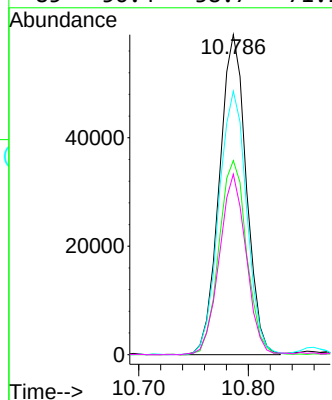
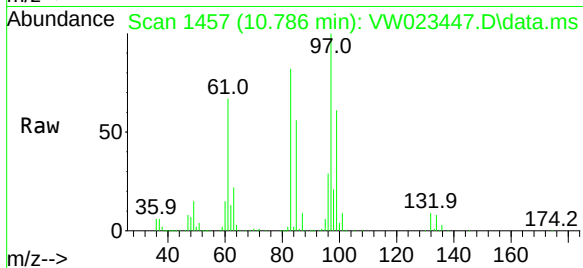
Ion Ratio Lower Upper

97 100

99 60.7 44.7 82.9

83 82.3 58.4 108.4

85 56.4 38.7 71.9



#46

Tetrachloroethene

Concen: 19.988 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Tgt Ion:164 Resp: 78936

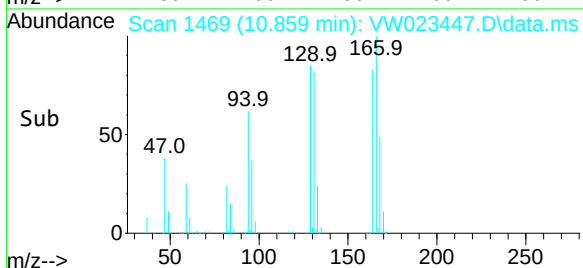
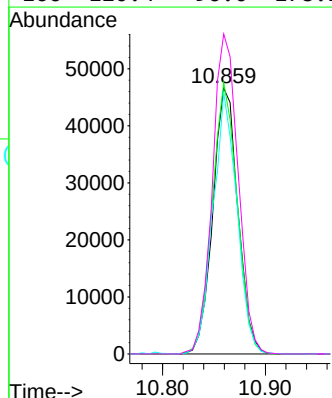
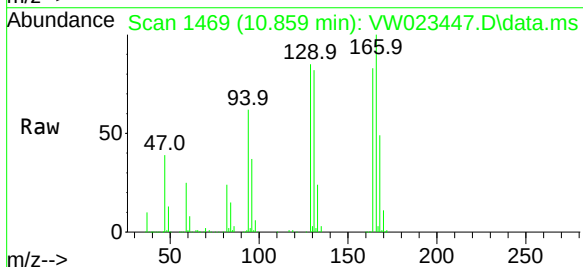
Ion Ratio Lower Upper

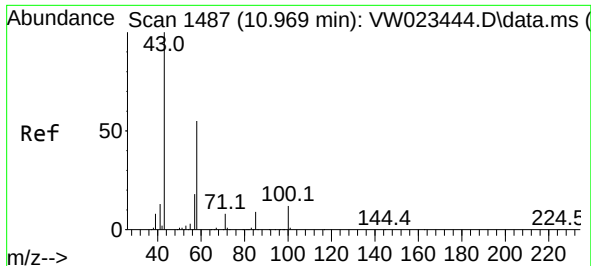
164 100

129 102.0 76.9 142.7

131 98.3 75.1 139.5

166 120.4 96.0 178.2

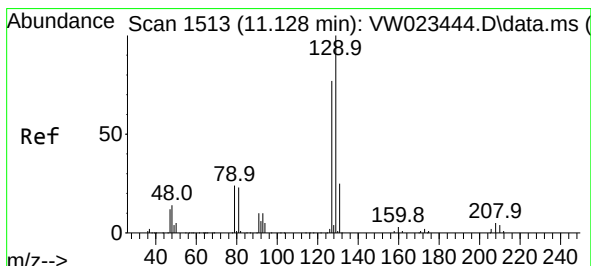
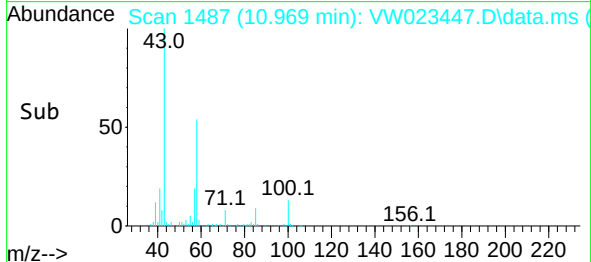
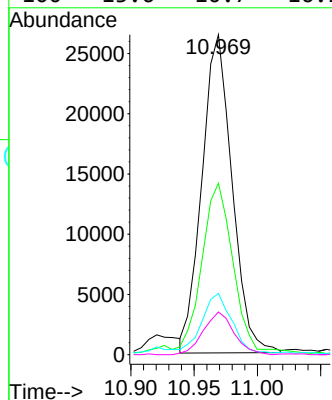
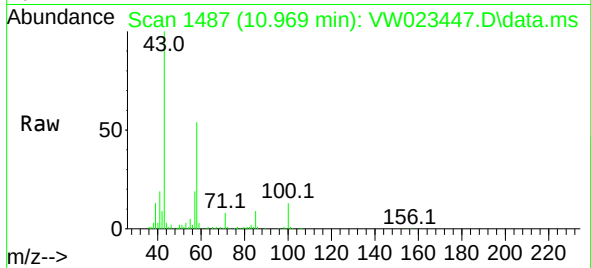




#48
2-Hexanone
Concen: 24.411 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

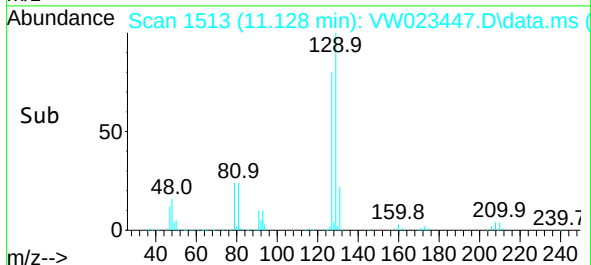
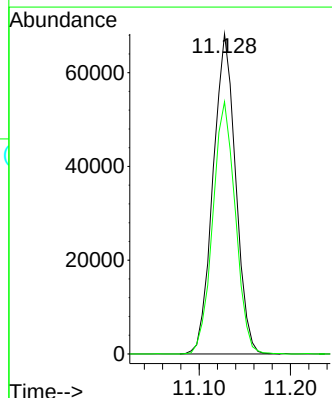
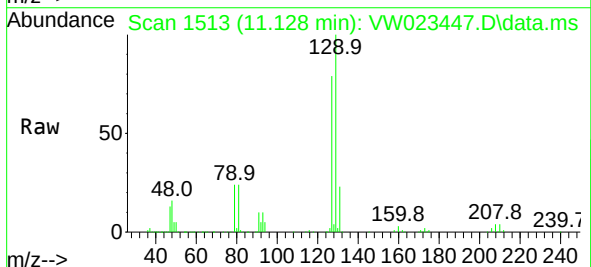
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

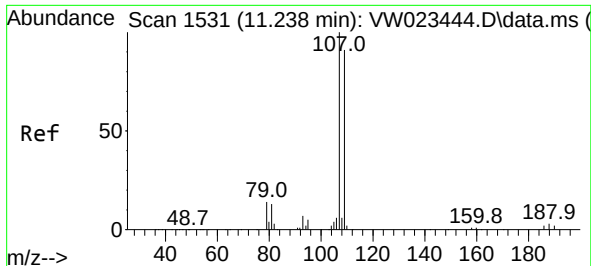
Tgt Ion: 43	Resp: 43886
Ion Ratio	Lower Upper
43 100	
58 55.1	45.9 68.9
57 19.6	16.2 24.2
100 13.6	10.7 16.1



#49
Dibromochloromethane
Concen: 26.065 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion:129	Resp: 116950
Ion Ratio	Lower Upper
129 100	
127 78.8	53.8 100.0

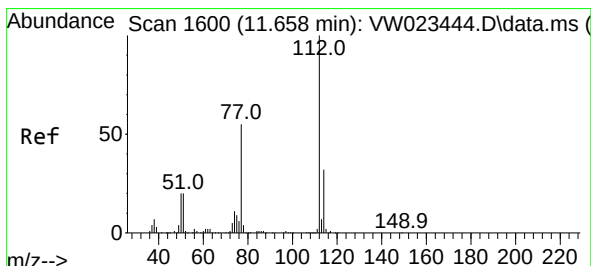
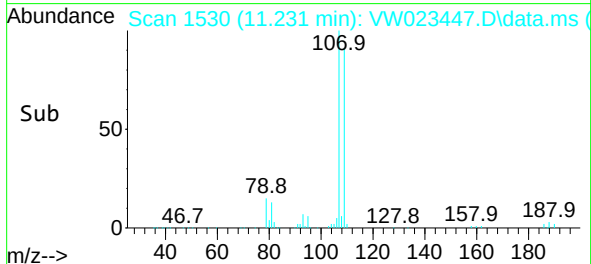
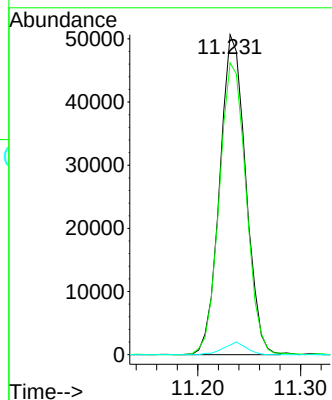
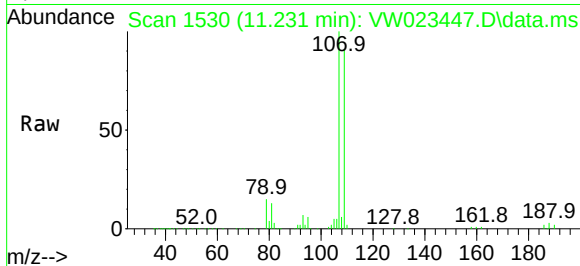




#50
1,2-Dibromoethane
Concen: 24.842 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

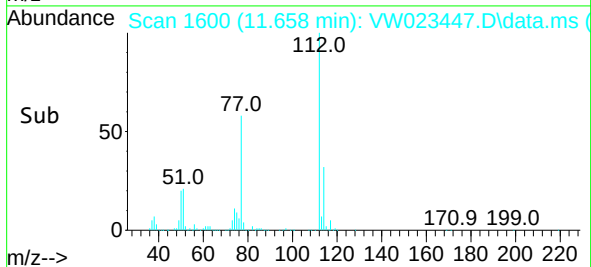
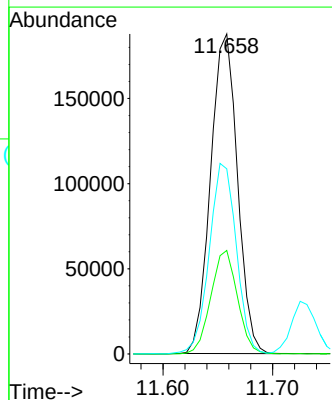
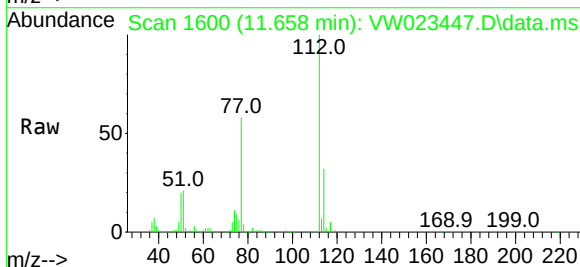
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

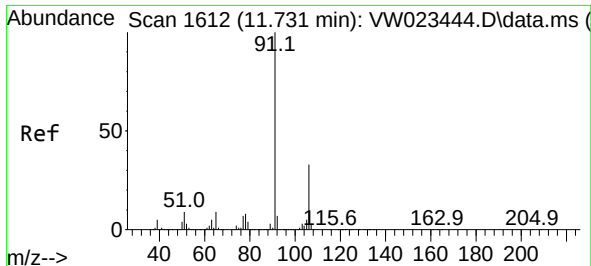
Tgt Ion:107 Resp: 88970
Ion Ratio Lower Upper
107 100
109 91.2 67.5 125.4
188 3.0 2.9 4.3



#51
Chlorobenzene
Concen: 22.262 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion:112 Resp: 320369
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 57.8 42.6 63.8





#52

Ethylbenzene

Concen: 21.988 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

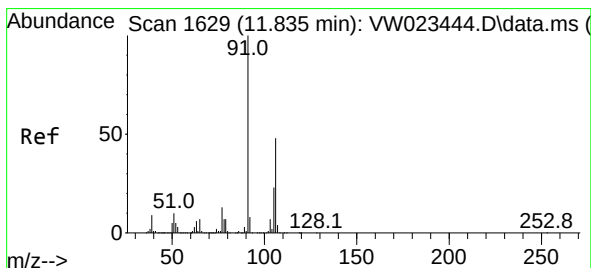
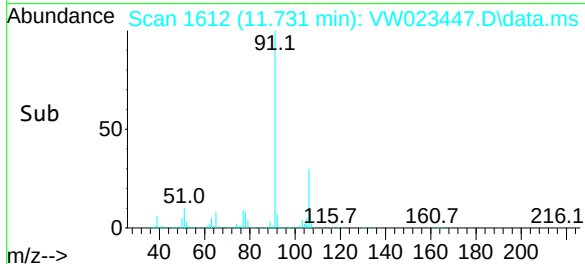
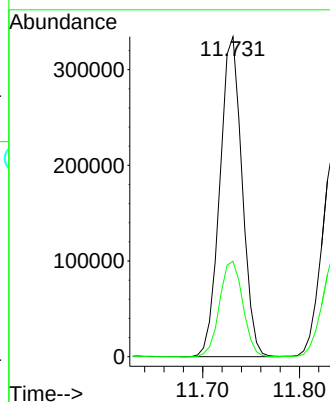
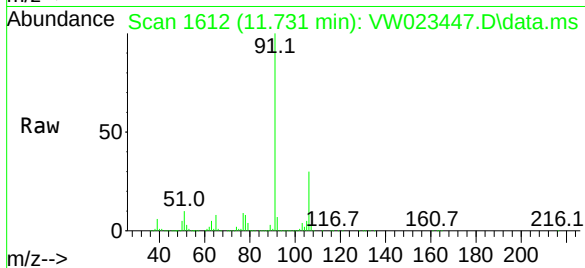
EW4P0MS

Tgt Ion: 91 Resp: 532870

Ion Ratio Lower Upper

91 100

106 29.8 22.3 41.3



#53

m,p-Xylene

Concen: 21.873 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW023447.D

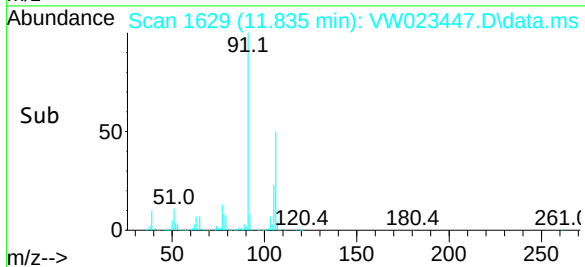
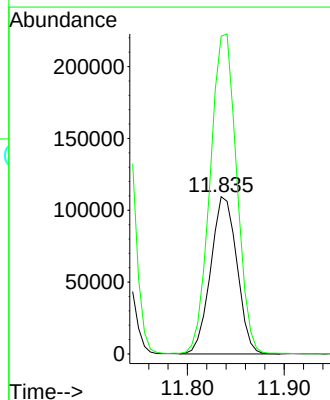
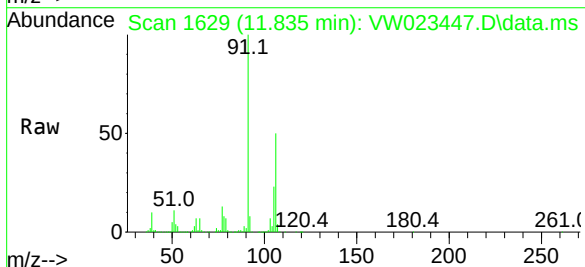
Acq: 10 Jun 2022 15:28

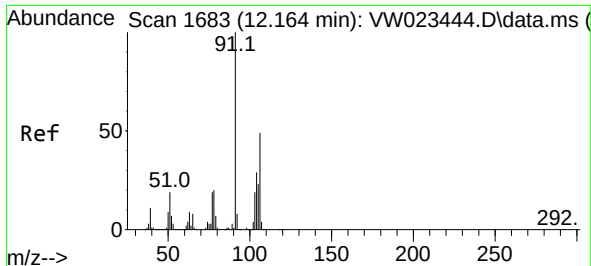
Tgt Ion: 106 Resp: 206314

Ion Ratio Lower Upper

106 100

91 202.0 136.8 254.0

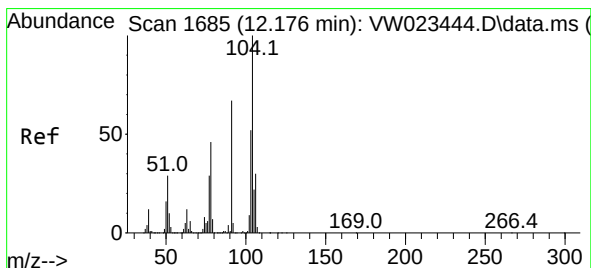
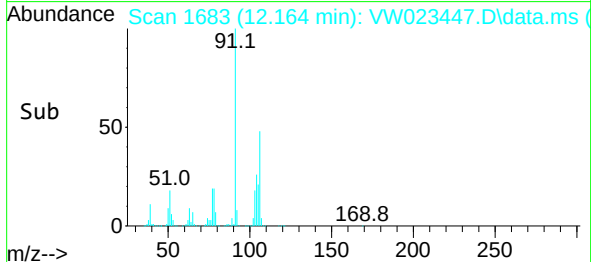
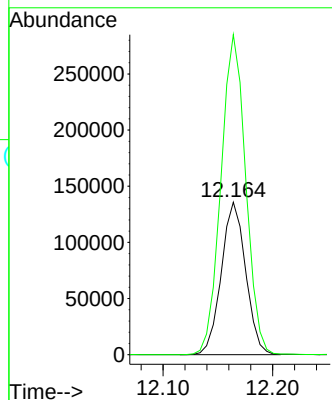
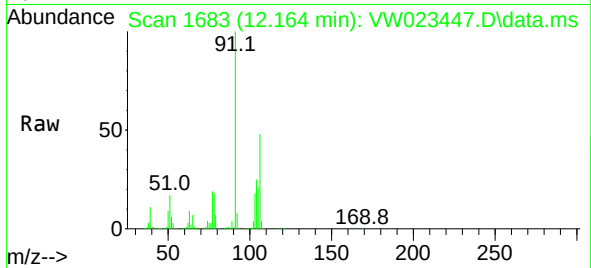




#54
o-Xylene
Concen: 23.298 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

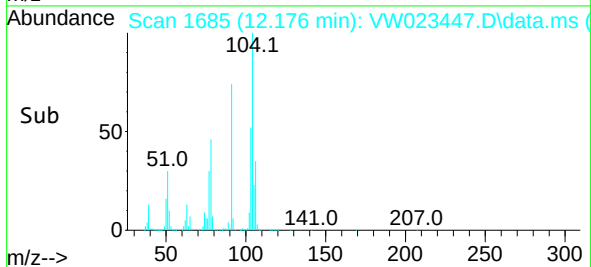
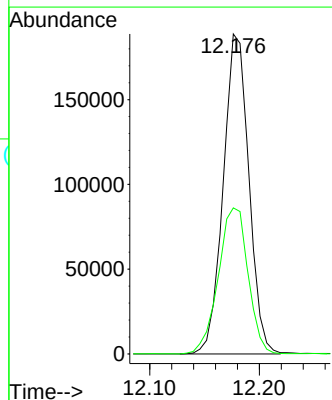
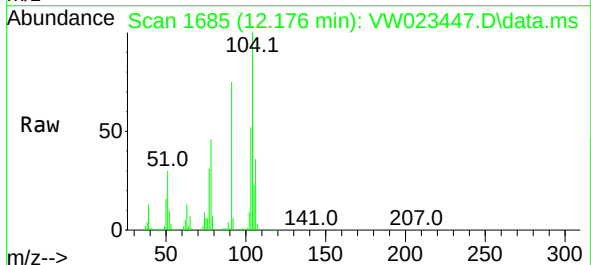
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

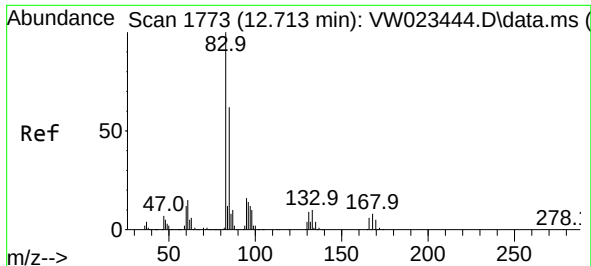
Tgt Ion:106 Resp: 209999
Ion Ratio Lower Upper
106 100
91 209.9 147.2 273.4



#55
Styrene
Concen: 19.563 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion:104 Resp: 306602
Ion Ratio Lower Upper
104 100
78 45.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.301 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

EW4P0MS

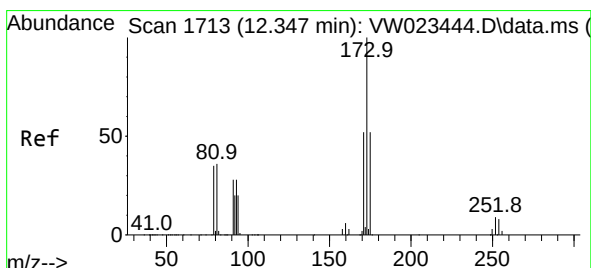
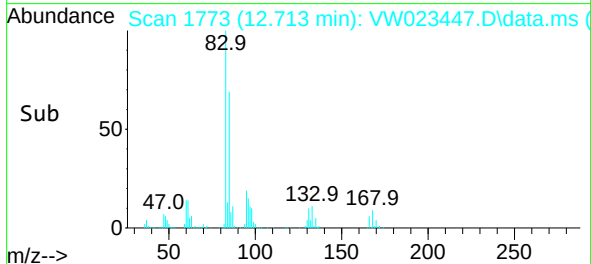
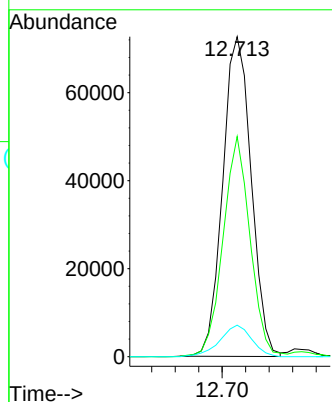
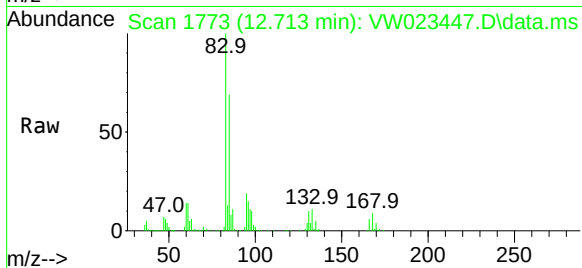
Tgt Ion: 83 Resp: 122370

Ion Ratio Lower Upper

83 100

85 68.8 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 30.145 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

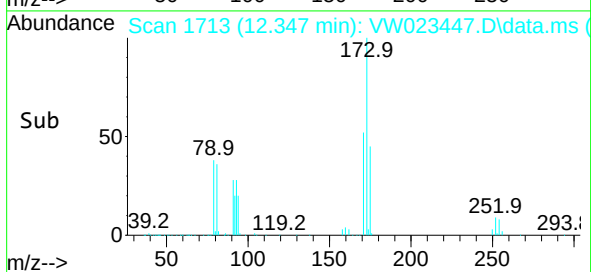
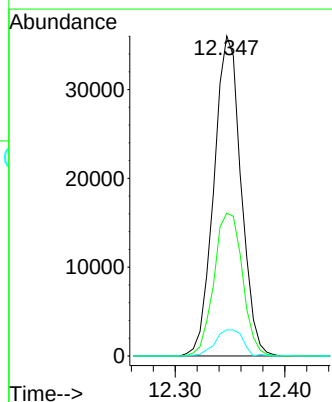
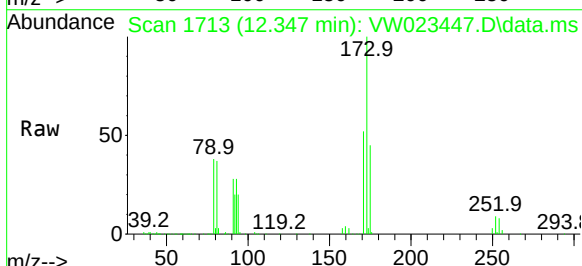
Tgt Ion: 173 Resp: 61907

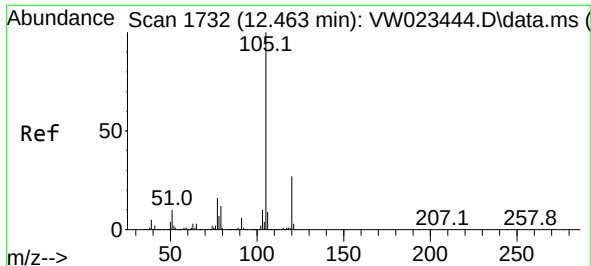
Ion Ratio Lower Upper

173 100

175 46.9 38.1 57.1

254 8.3 6.5 9.7

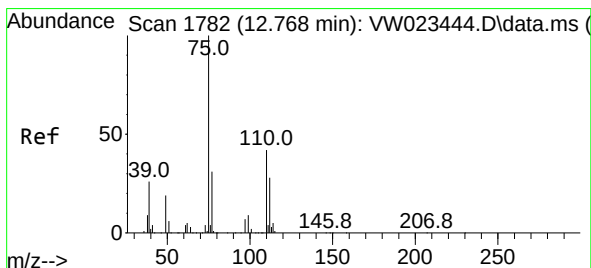
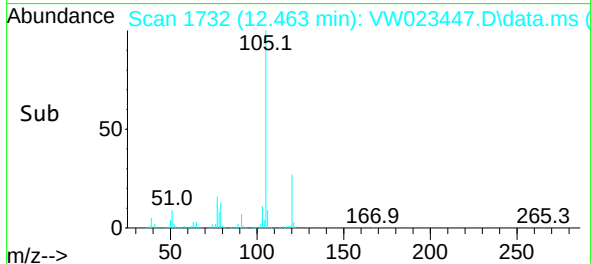
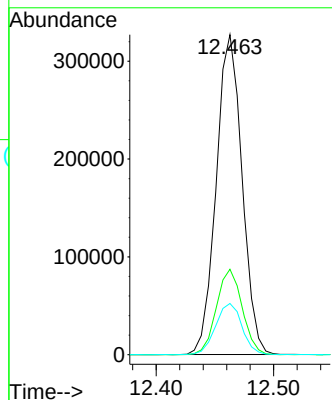
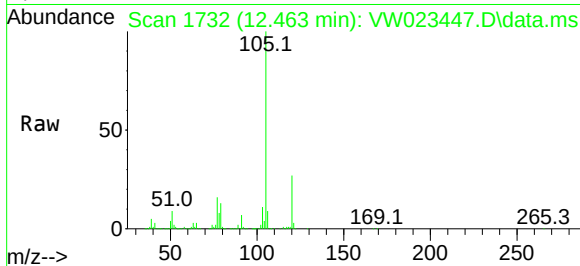




#60
Isopropylbenzene
Concen: 24.172 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

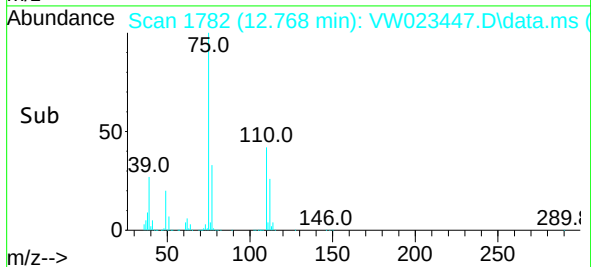
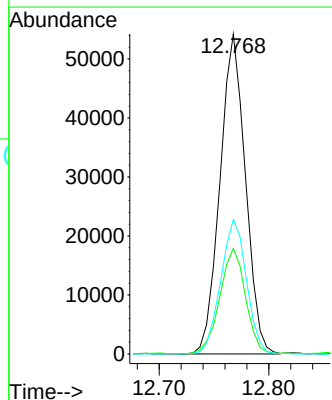
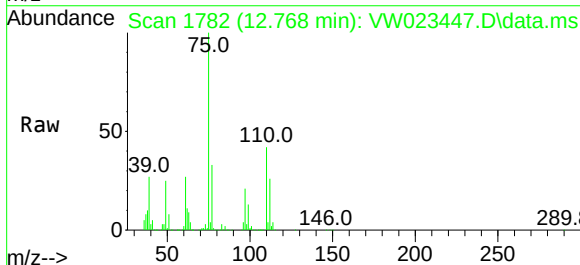
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

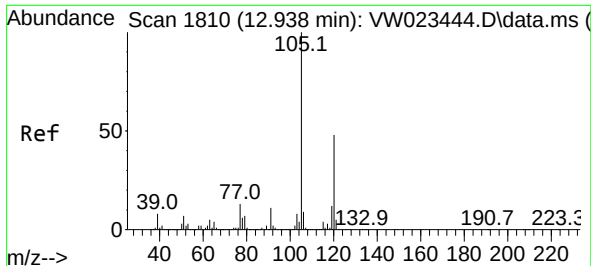
Tgt Ion:105 Resp: 499881
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 16.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 31.782 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion: 75 Resp: 87369
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 42.5 34.1 51.1

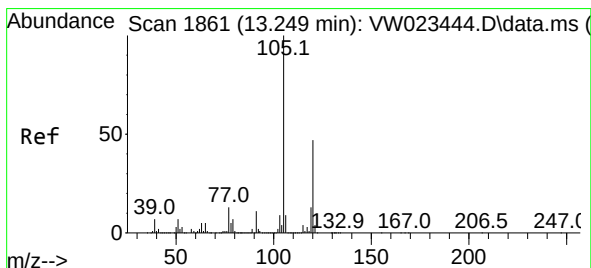
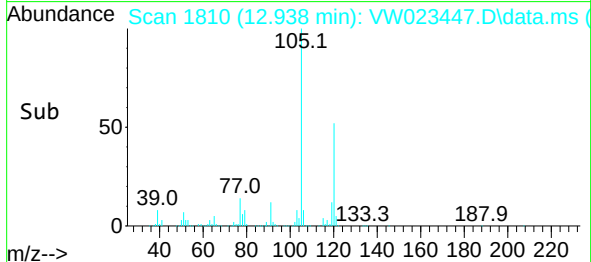
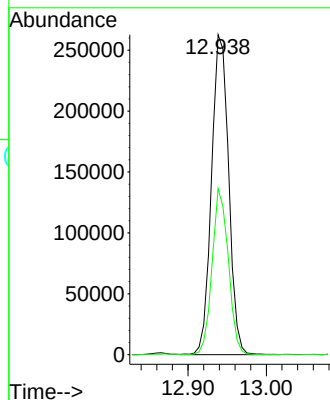
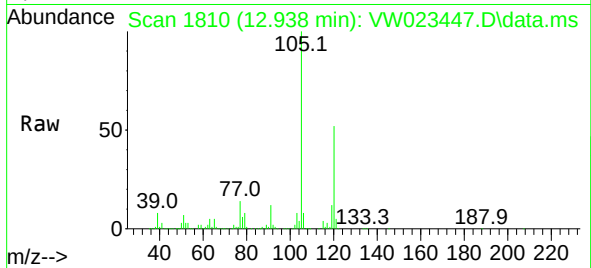




#62
 1,3,5-Trimethylbenzene
 Concen: 23.600 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

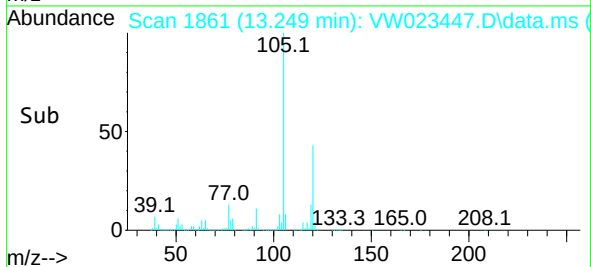
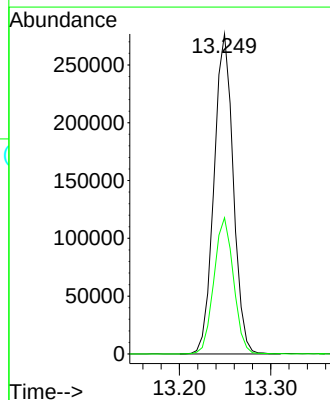
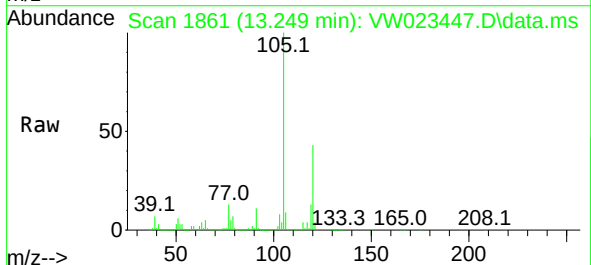
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4P0MS

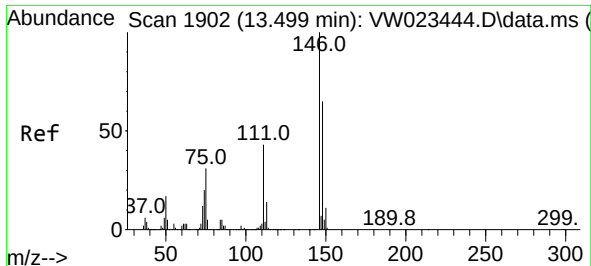
Tgt Ion:105 Resp: 399158
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.897 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023447.D
 Acq: 10 Jun 2022 15:28

Tgt Ion:105 Resp: 404476
 Ion Ratio Lower Upper
 105 100
 120 43.4 37.4 56.2

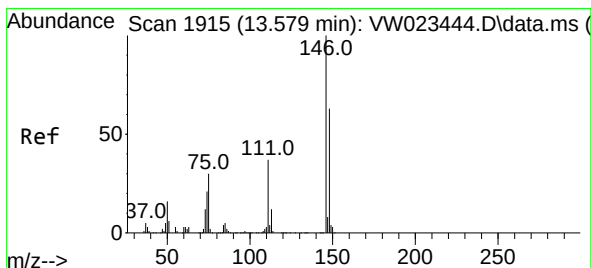
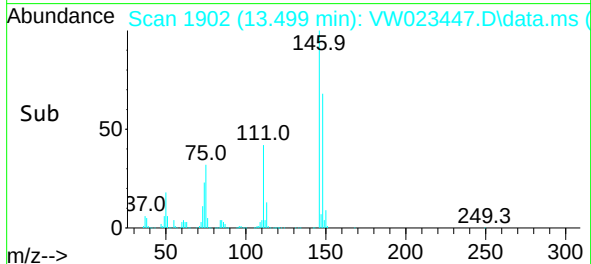
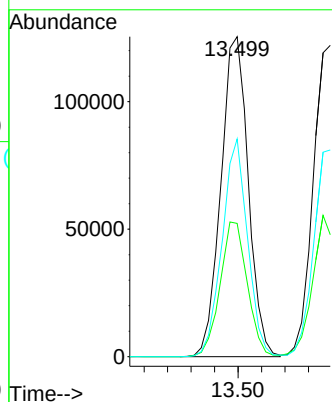
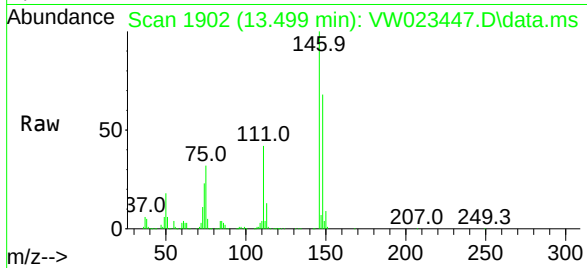




#64
1,3-Dichlorobenzene
Concen: 22.152 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

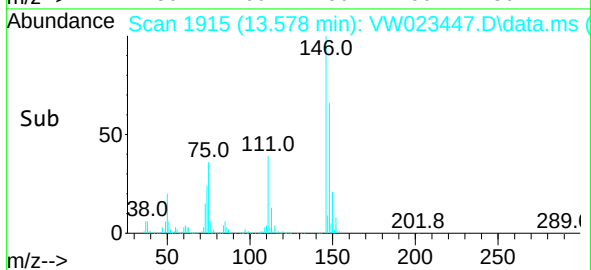
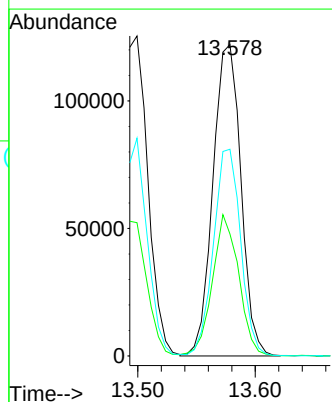
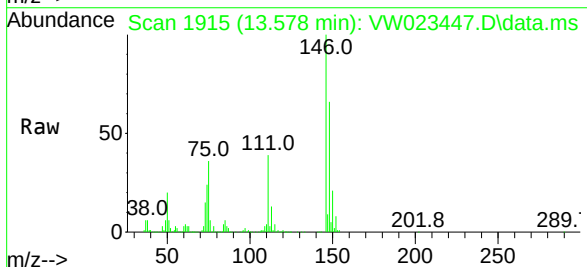
Instrument :
MSVOA_W
ClientSampleId :
EW4P0MS

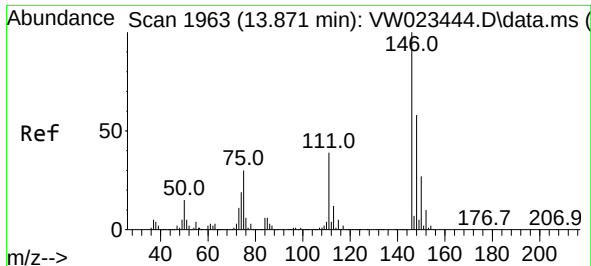
Tgt Ion:146 Resp: 203229
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.9
148 68.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 21.578 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023447.D
Acq: 10 Jun 2022 15:28

Tgt Ion:146 Resp: 202139
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.4
148 66.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.408 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

EW4P0MS

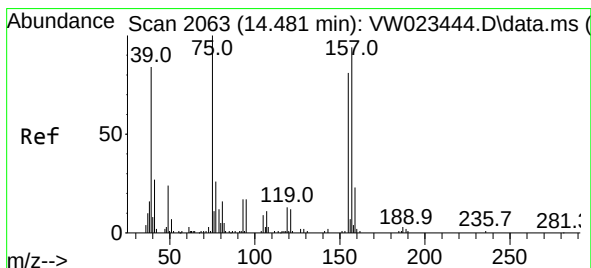
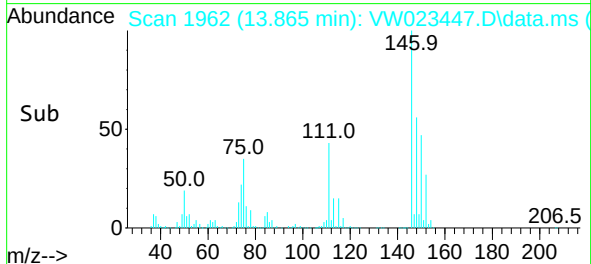
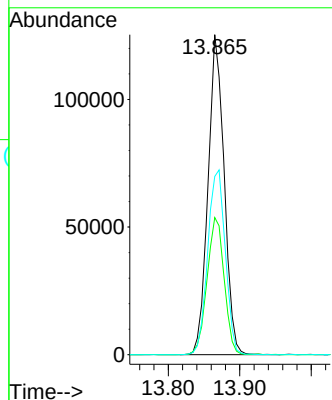
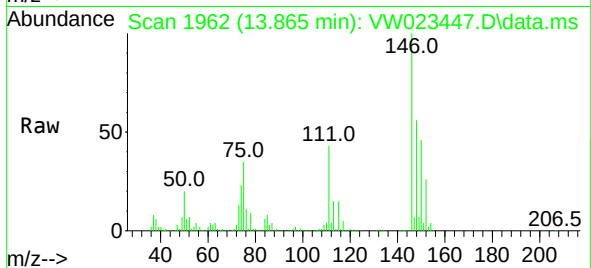
Tgt Ion:146 Resp: 196701

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 55.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 30.331 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

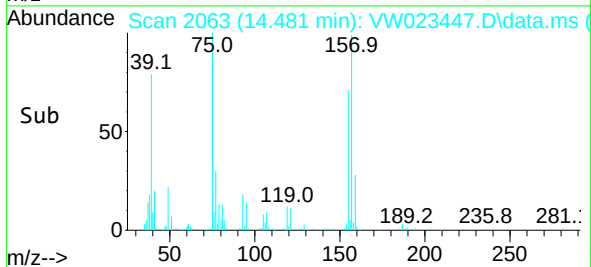
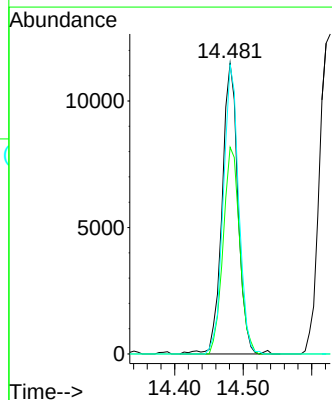
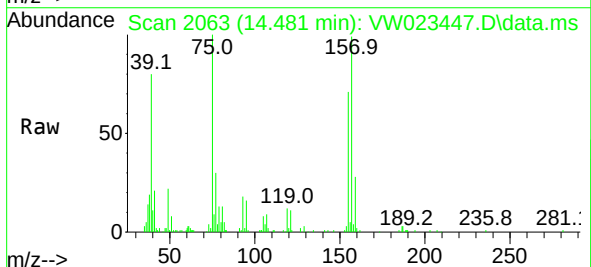
Tgt Ion: 75 Resp: 18411

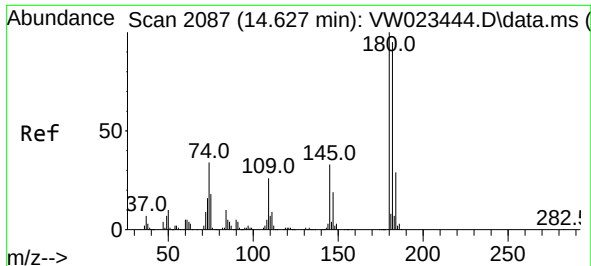
Ion Ratio Lower Upper

75 100

155 71.1 59.3 88.9

157 99.4 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 17.443 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023447.D

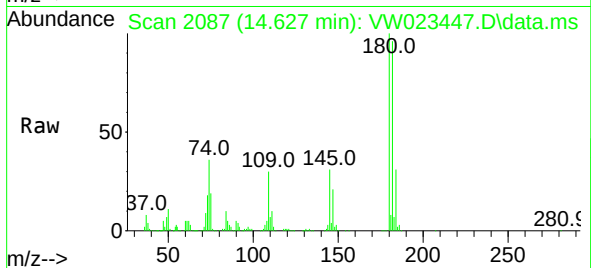
Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

EW4P0MS



Tgt Ion:180 Resp: 104566

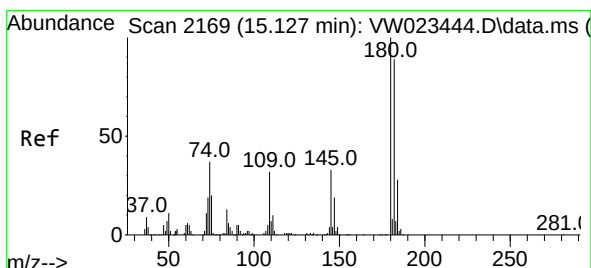
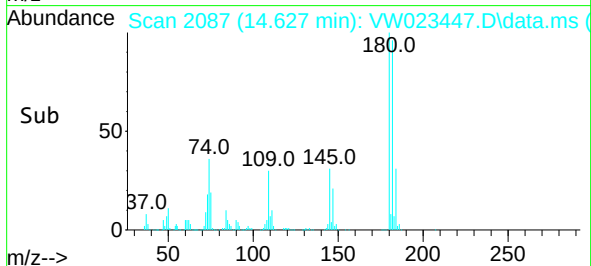
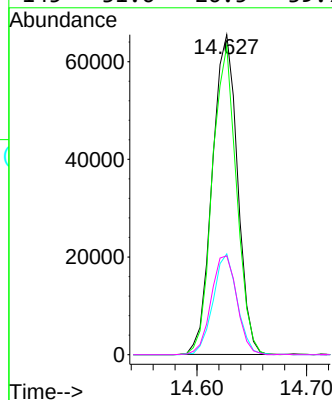
Ion Ratio Lower Upper

180 100

182 92.6 74.8 112.2

184 30.1 23.4 35.2

145 31.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 17.910 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

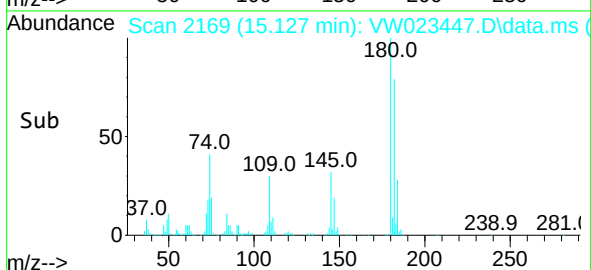
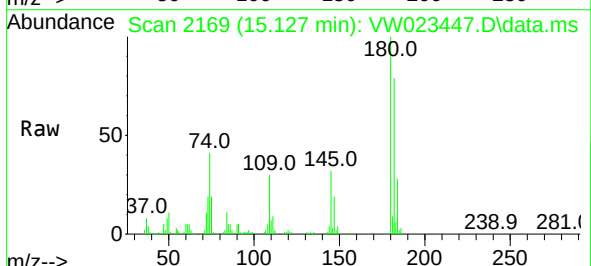
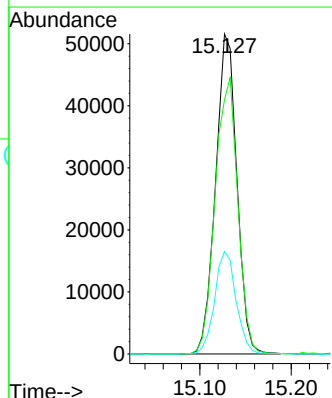
Tgt Ion:180 Resp: 83603

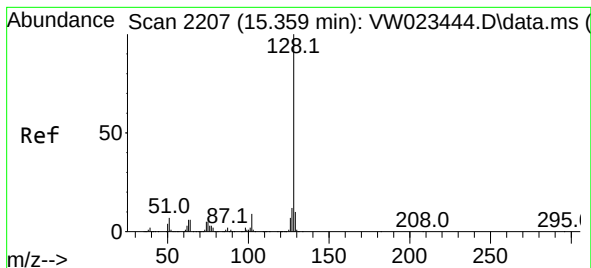
Ion Ratio Lower Upper

180 100

182 91.5 74.9 112.3

145 32.4 26.6 39.8





#71

Naphthalene

Concen: 22.364 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Instrument :

MSVOA_W

ClientSampleId :

EW4P0MS

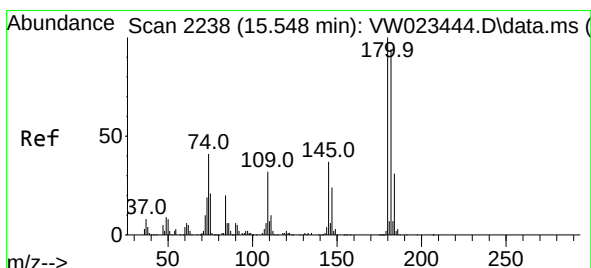
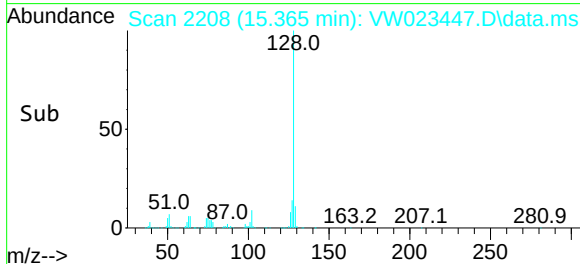
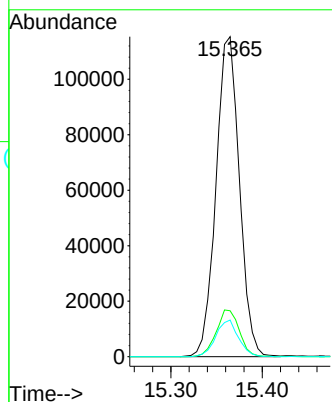
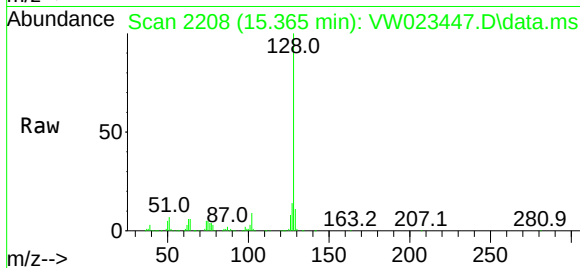
Tgt Ion:128 Resp: 205358

Ion Ratio Lower Upper

128 100

127 14.4 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 18.187 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023447.D

Acq: 10 Jun 2022 15:28

Tgt Ion:180 Resp: 73805

Ion Ratio Lower Upper

180 100

182 91.7 73.5 110.3

145 36.0 27.9 41.9

