

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025160.D
 Acq On : 22 Dec 2022 16:07
 Operator : SY/MD
 Sample : N6171-05MSD
 Misc : 4.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:46:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	435798	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97443	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	126291	25.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.560%	
7) Chloroethane-d5	2.885	69	87462	26.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.840%	
11) 1,1-Dichloroethene-d2	4.019	63	276469	25.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.480%	
21) 2-Butanone-d5	7.080	46	88555	70.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.420%#	
24) Chloroform-d	7.647	84	306990	27.290	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.160%	
26) 1,2-Dichloroethane-d4	8.305	65	162980	28.569	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.280%	
32) Benzene-d6	8.275	84	580727	29.608	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.440%	
36) 1,2-Dichloropropane-d6	9.275	67	178082	31.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 124.800%#	
41) Toluene-d8	10.323	98	498249	28.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 112.080%	
43) trans-1,3-Dichloroprop...	10.579	79	71364	29.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 118.400%	
47) 2-Hexanone-d5	10.921	63	71673	85.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 171.200%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	136210	32.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 129.280%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	86490	26.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	73317	27.760	ug/L	98
3) Chloromethane	2.215	50	115151	24.761	ug/L	99
5) Vinyl chloride	2.361	62	145313	24.978	ug/L	99
6) Bromomethane	2.776	94	76824	25.484	ug/L	97
8) Chloroethane	2.916	64	70566	26.225	ug/L	99
9) Trichlorofluoromethane	3.257	101	109841	25.194	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	143287	24.880	ug/L	100
12) 1,1-Dichloroethene	4.032	96	137445	25.033	ug/L	89
13) Acetone	4.117	43	79855	61.595	ug/L	98
14) Carbon disulfide	4.385	76	388823	22.183	ug/L	100
15) Methyl Acetate	4.666	43	65774	31.083	ug/L	98
16) Methylene chloride	4.910	84	161038	23.643	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	141654	24.337	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	261654	30.296	ug/L	99
19) 1,1-Dichloroethane	6.214	63	276714	26.310	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	162780	26.448	ug/L	92
22) 2-Butanone	7.171	43	96475	59.150	ug/L	99
23) Bromochloromethane	7.513	128	71848	27.587	ug/L	99
25) Chloroform	7.677	83	279748	26.285	ug/L	99

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 Response via : Initial Calibration

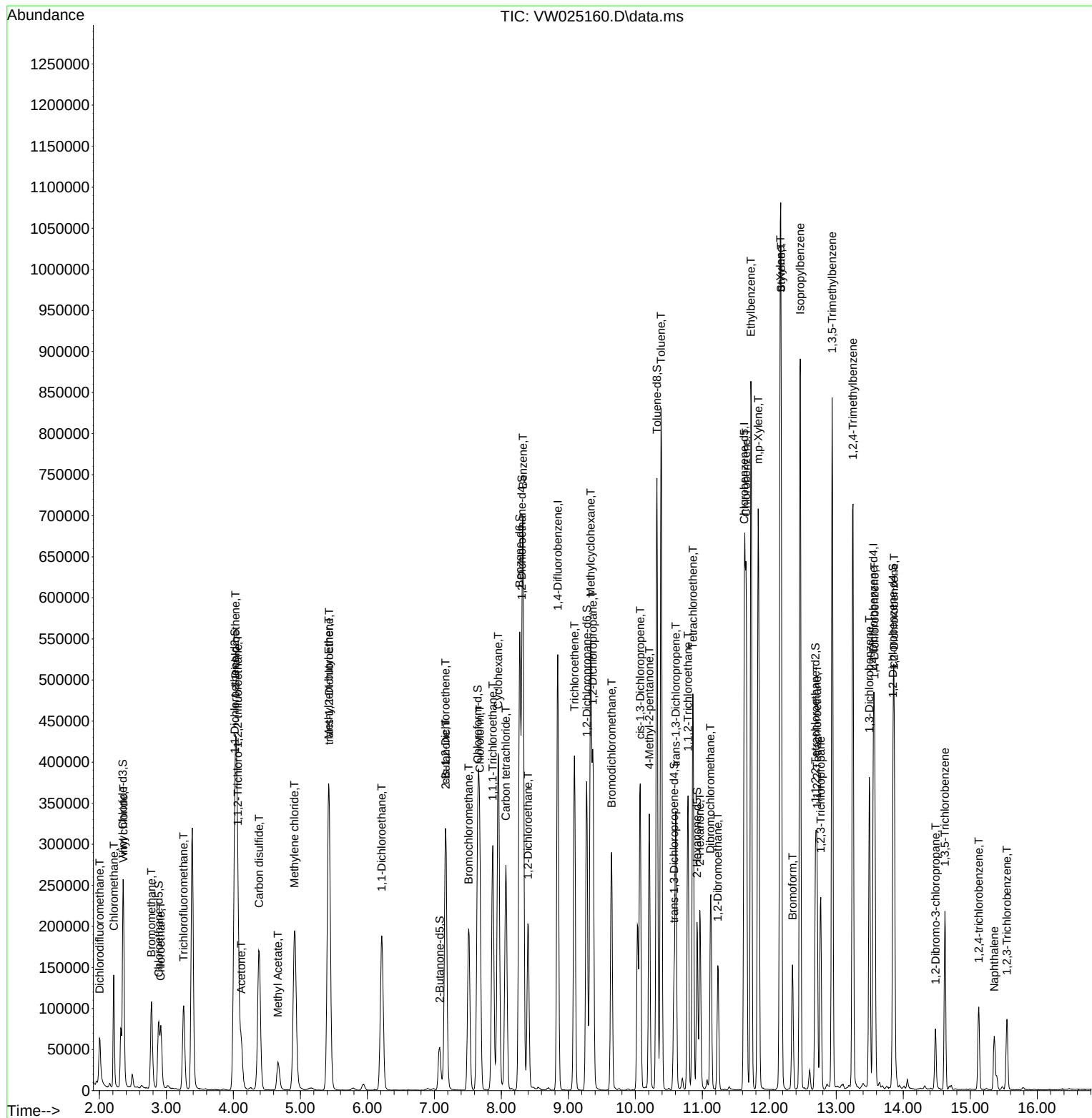
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	186432	27.822	ug/L	99
29) Cyclohexane	7.952	56	239707	28.304	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	238352	30.190	ug/L	99
31) Carbon tetrachloride	8.067	117	209972	28.924	ug/L	98
33) Benzene	8.324	78	608802	29.385	ug/L	100
34) Trichloroethene	9.092	95	147881	27.249	ug/L	96
35) Methylcyclohexane	9.336	83	231361	24.035	ug/L	99
37) 1,2-Dichloropropane	9.366	63	150495	30.116	ug/L	99
38) Bromodichloromethane	9.646	83	202988	30.749	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	226035	29.604	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	210086	82.012	ug/L	100
42) Toluene	10.384	91	601116	27.691	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	188249	28.789	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	115136	32.286	ug/L	99
46) Tetrachloroethene	10.860	164	105656	26.744	ug/L	99
48) 2-Hexanone	10.963	43	136354	72.875	ug/L	99
49) Dibromochloromethane	11.122	129	129883	30.327	ug/L	94
50) 1,2-Dibromoethane	11.232	107	103365	31.132	ug/L	96
51) Chlorobenzene	11.652	112	318741	22.944	ug/L	99
52) Ethylbenzene	11.725	91	614293	24.971	ug/L	98
53) m,p-Xylene	11.835	106	223063	23.744	ug/L	92
54) o-Xylene	12.164	106	223844	25.001	ug/L	99
55) Styrene	12.177	104	285469	18.827	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	131421	31.513	ug/L	94
59) Bromoform	12.347	173	66909	50.002	ug/L	99
60) Isopropylbenzene	12.463	105	591414	39.596	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	96306	51.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	444129	34.713	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	402750	32.403	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	143277	23.431	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	136223	22.122	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	134491	25.220	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19991	45.778	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	61753	14.223	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	30776	8.834	ug/L	97
71) Naphthalene	15.359	128	58793	8.609	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	27024	8.852	ug/L	97

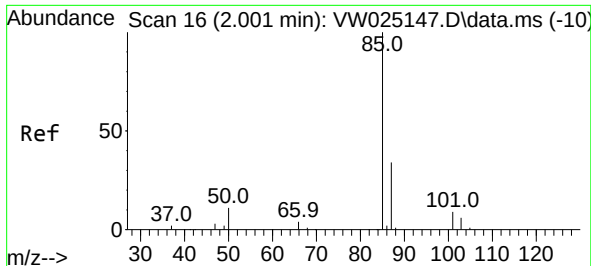
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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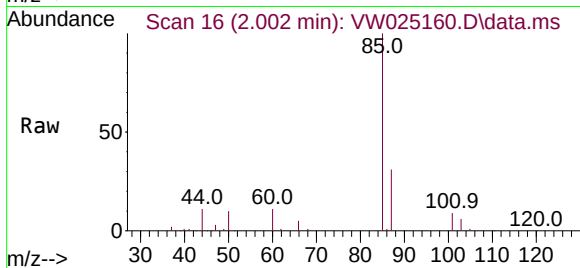
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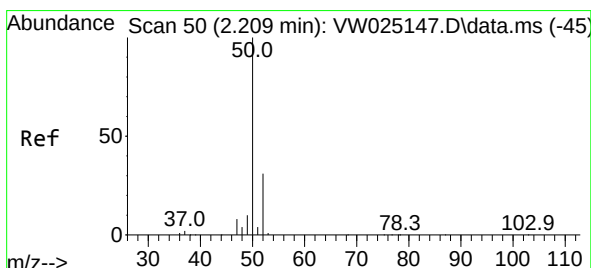
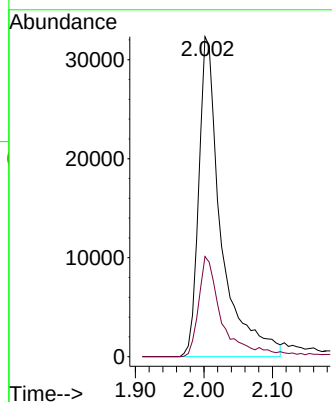
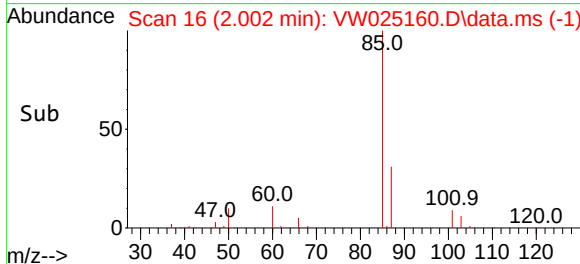


#2
 Dichlorodifluoromethane
 Concen: 27.760 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

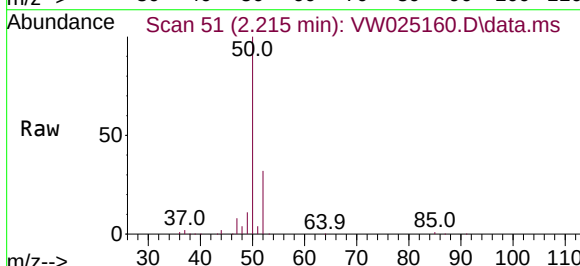
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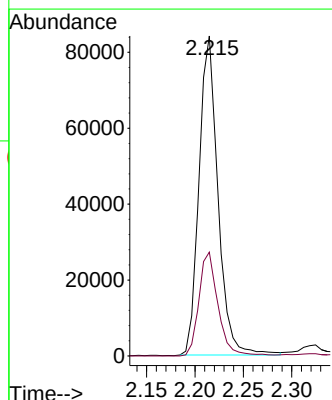
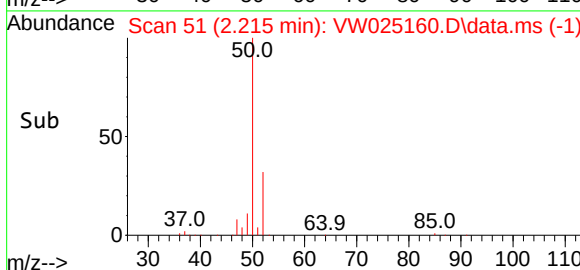
Tgt Ion: 85 Resp: 73317
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.0 37.6

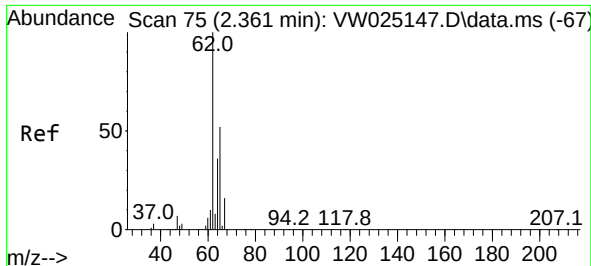


#3
 Chloromethane
 Concen: 24.761 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07



Tgt Ion: 50 Resp: 115151
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.1 41.1

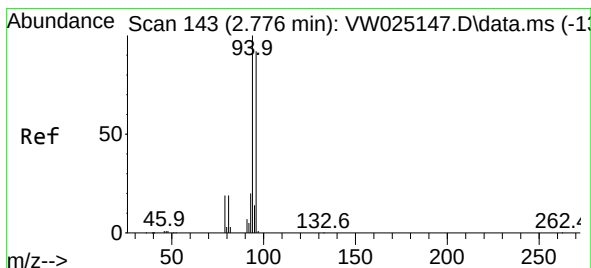
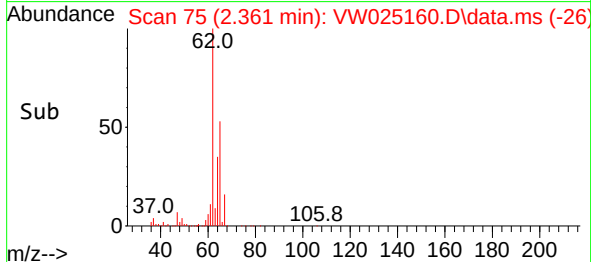
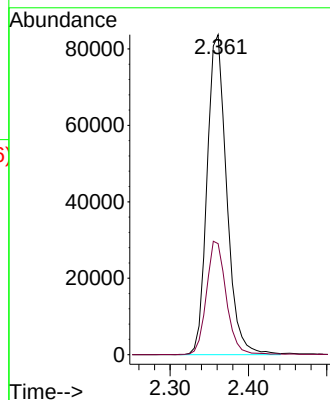
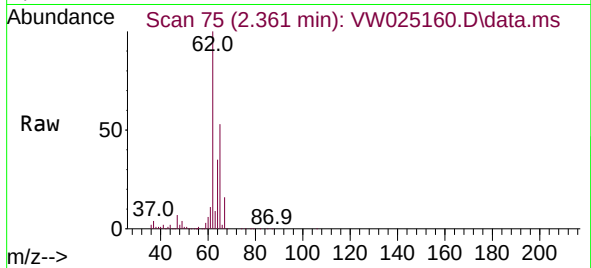




#5
 Vinyl chloride
 Concen: 24.978 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

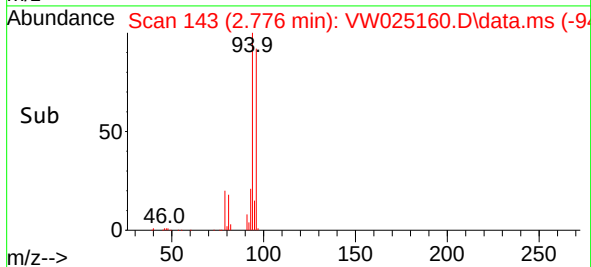
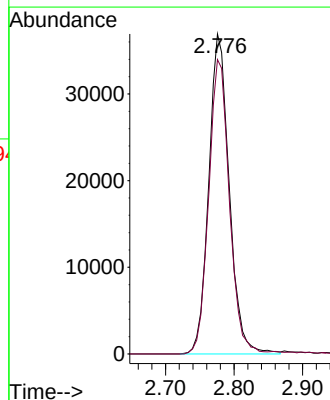
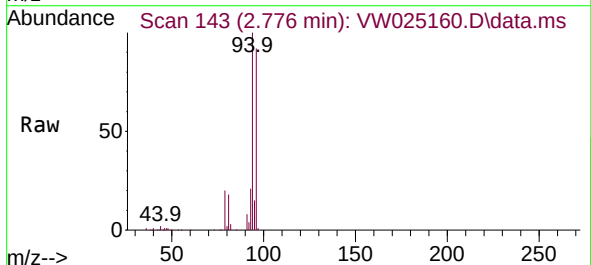
Instrument :
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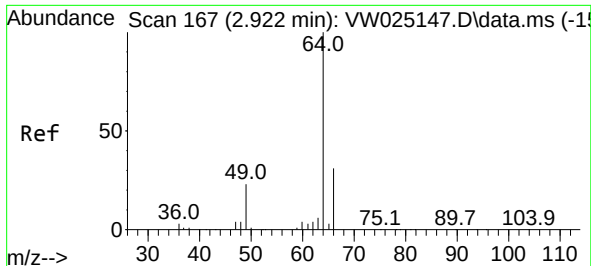
Tgt Ion: 62 Resp: 145313
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.8 46.1



#6
 Bromomethane
 Concen: 25.484 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

Tgt Ion: 94 Resp: 76824
 Ion Ratio Lower Upper
 94 100
 96 92.0 66.7 123.9

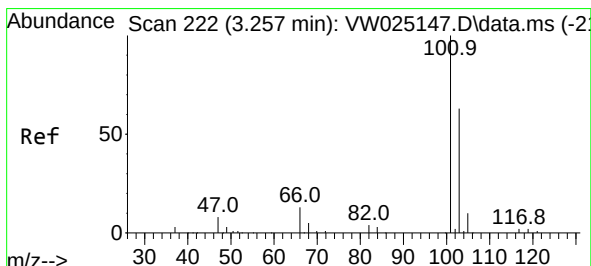
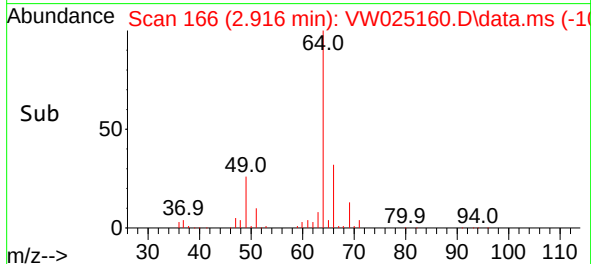
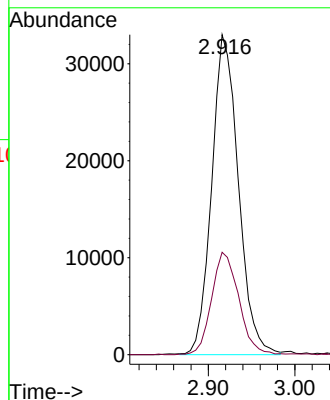
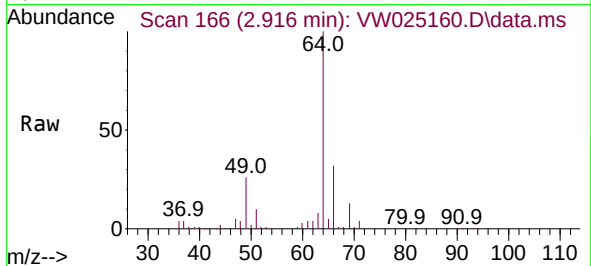




#8
Chloroethane
Concen: 26.225 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

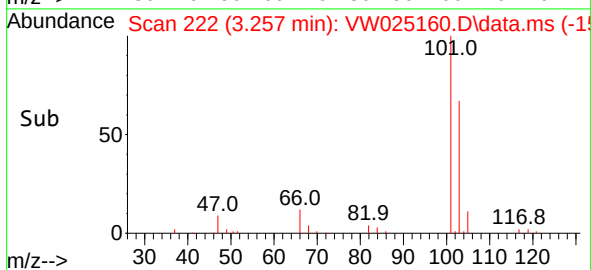
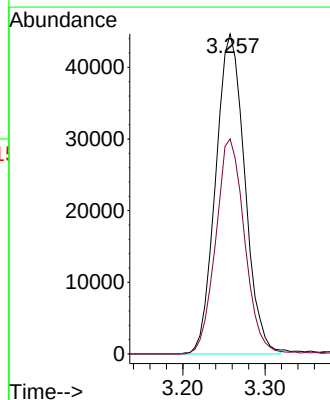
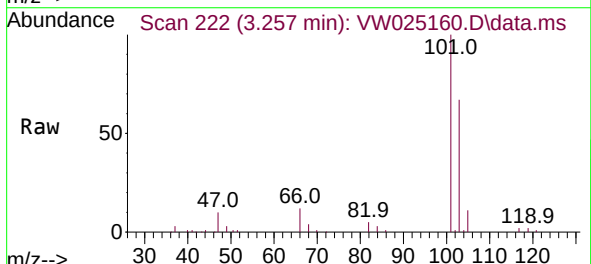
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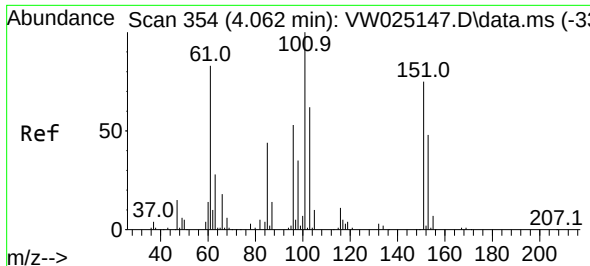
Tgt Ion: 64 Resp: 70566
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 25.194 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:101 Resp: 109841
Ion Ratio Lower Upper
101 100
103 66.7 50.9 76.3

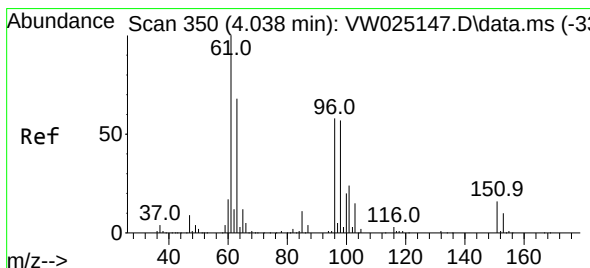
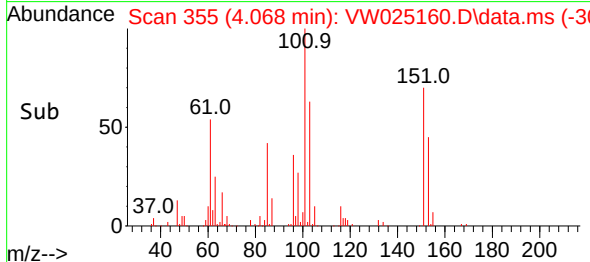
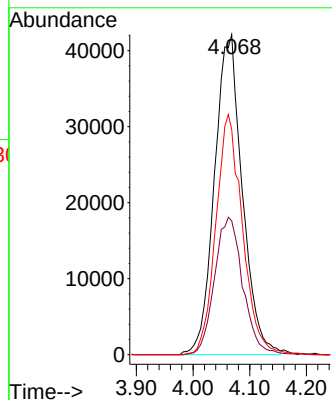
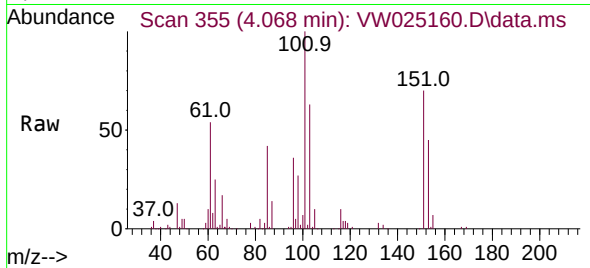




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.880 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

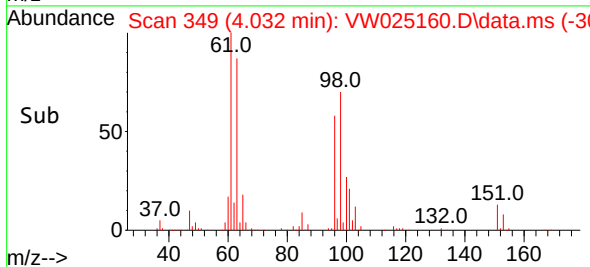
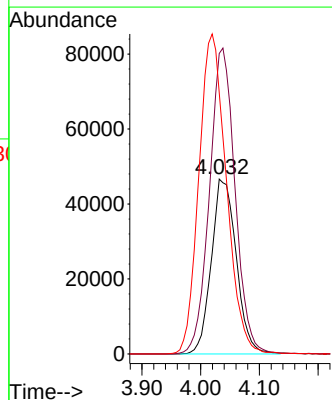
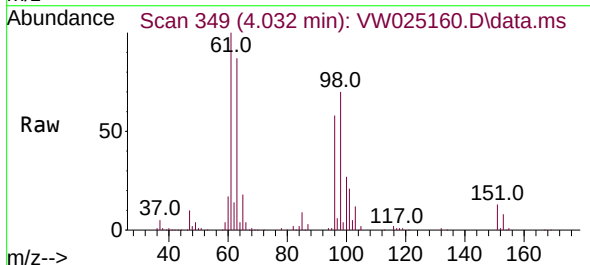
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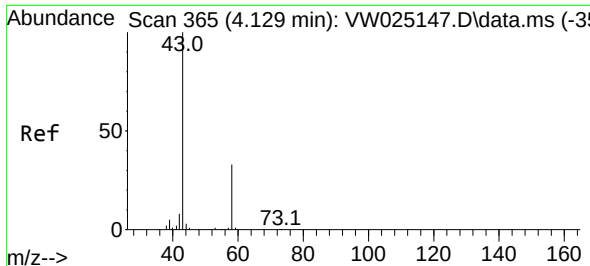
Tgt Ion:101 Resp: 143287
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 52.0
 151 71.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 25.033 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

Tgt Ion: 96 Resp: 137445
 Ion Ratio Lower Upper
 96 100
 61 171.8 120.8 224.4
 63 149.4 84.1 156.1

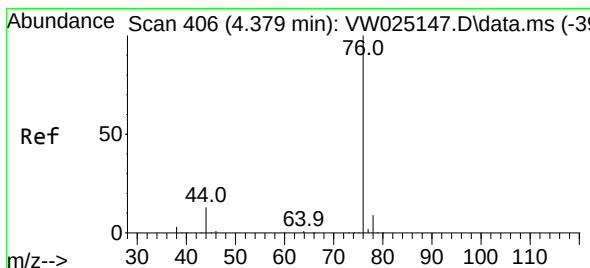
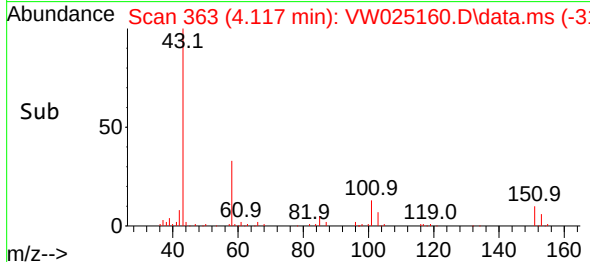
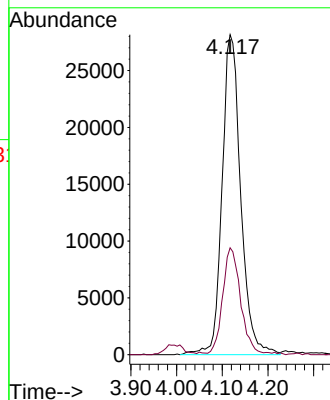
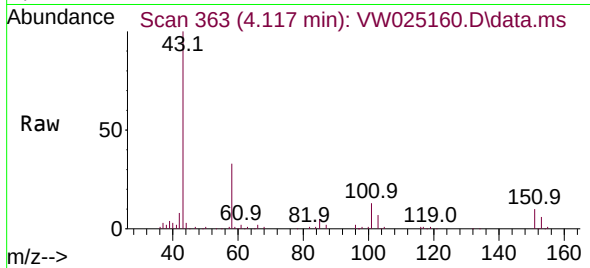




#13
Acetone
Concen: 61.595 ug/L
RT: 4.117 min Scan# 307
Delta R.T. -0.012 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

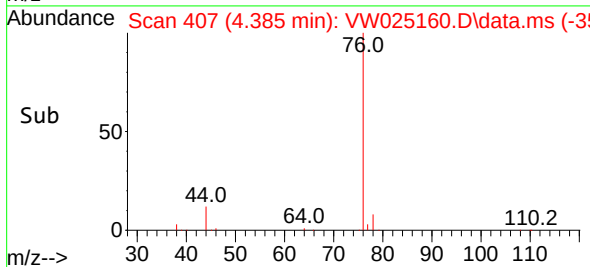
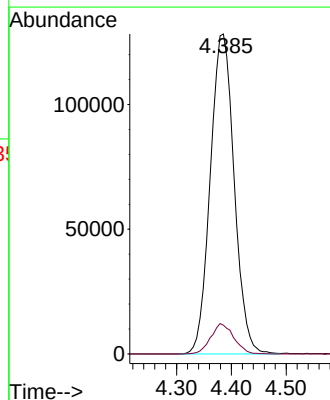
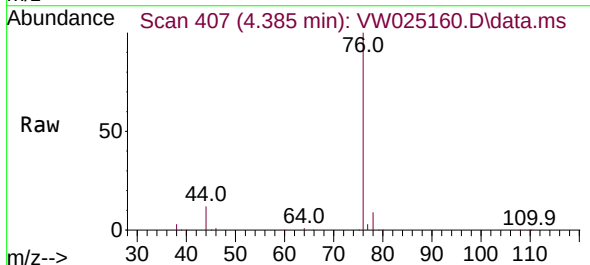
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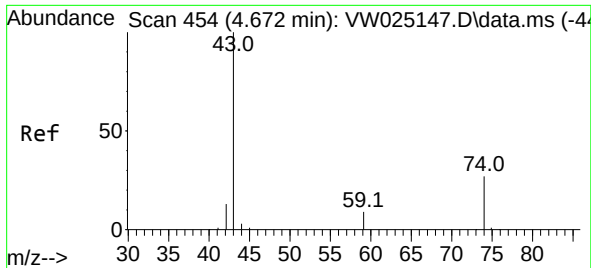
Tgt Ion: 43 Resp: 79855
Ion Ratio Lower Upper
43 100
58 31.5 0.0 65.2



#14
Carbon disulfide
Concen: 22.183 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 388823
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

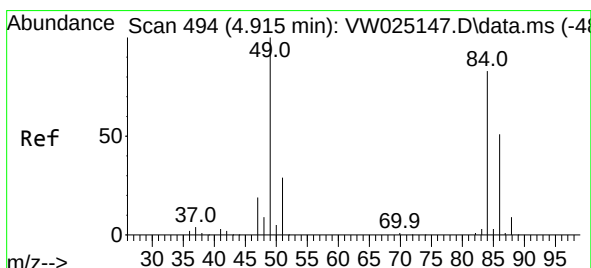
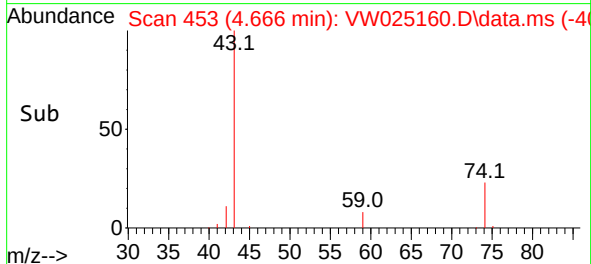
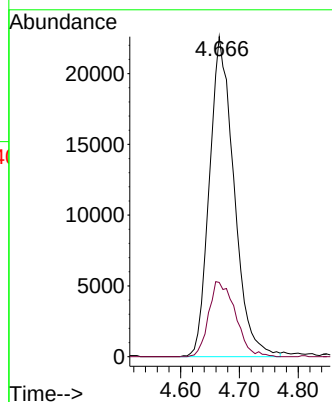
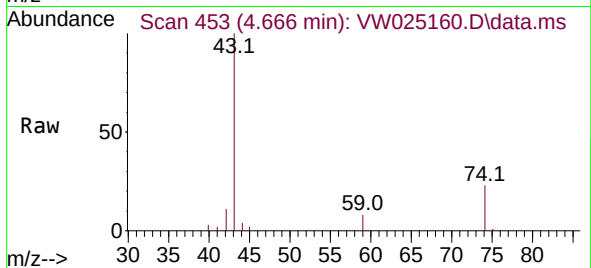




#15
Methyl Acetate
Concen: 31.083 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

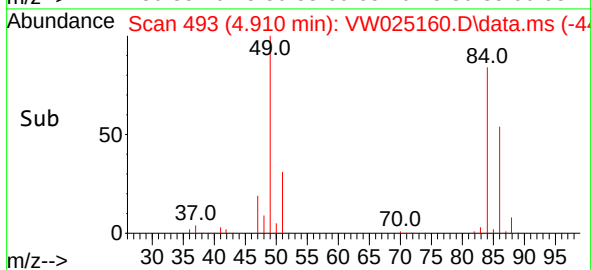
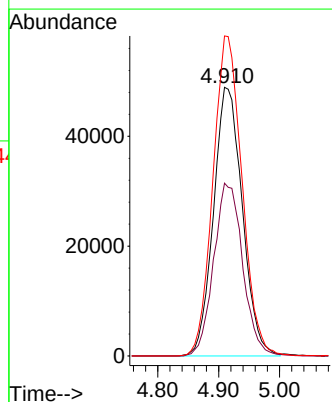
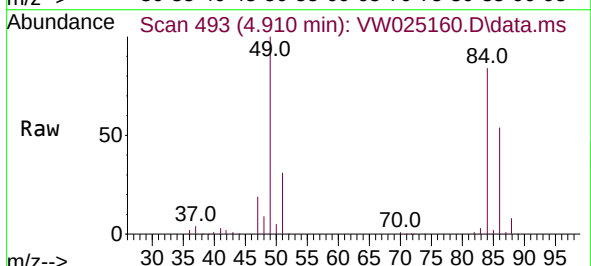
Instrument :
MSVOA_W
ClientSampleId :

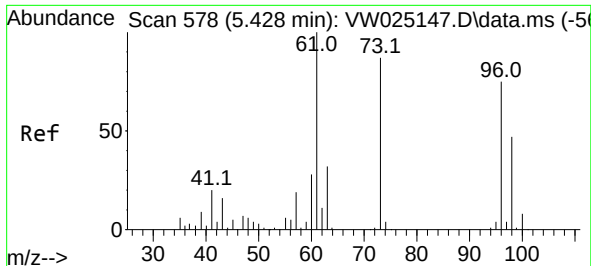
Tgt Ion: 43 Resp: 65774
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 23.643 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion: 84 Resp: 161038
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 119.1 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 24.337 ug/L

RT: 5.428 min Scan# 5

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :

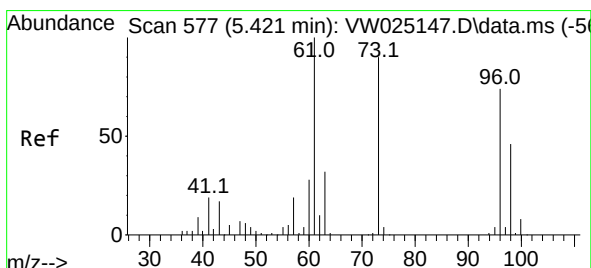
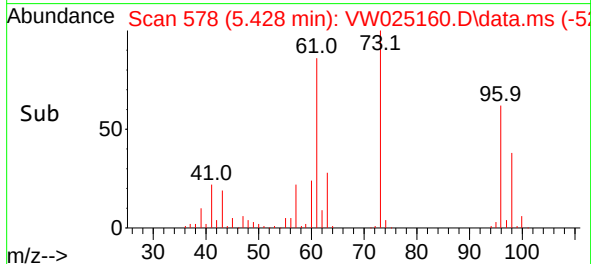
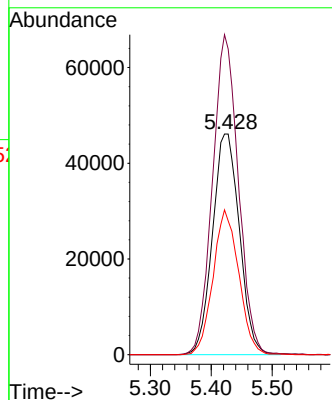
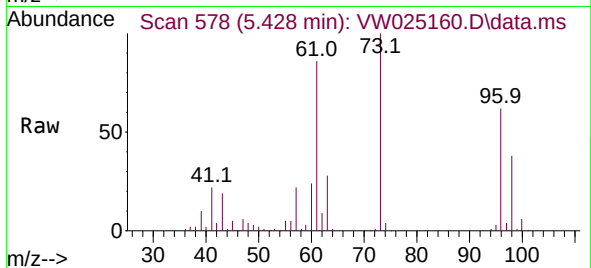
Tgt Ion: 96 Resp: 141654

Ion Ratio Lower Upper

96 100

61 138.4 95.5 177.3

98 60.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 30.296 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

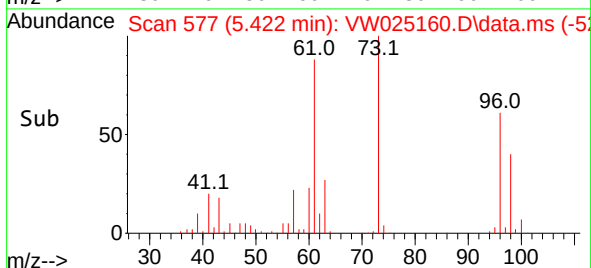
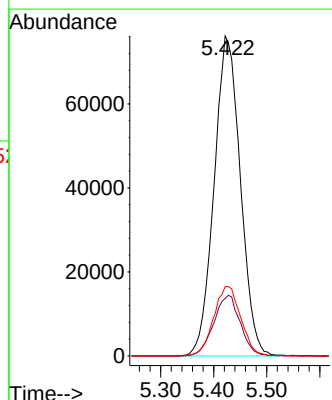
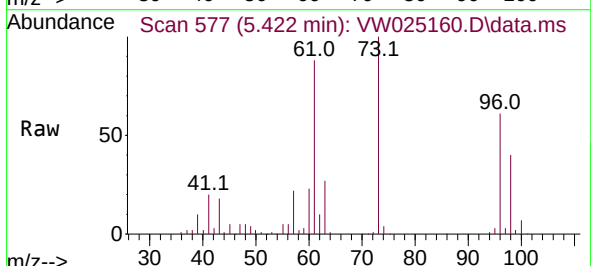
Tgt Ion: 73 Resp: 261654

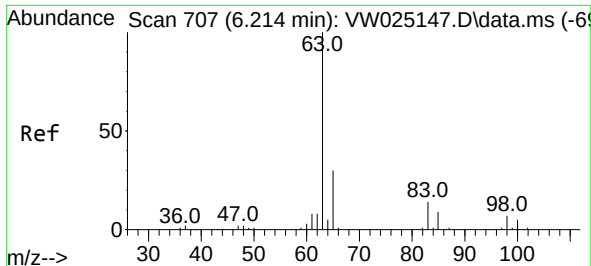
Ion Ratio Lower Upper

73 100

43 19.2 15.6 23.4

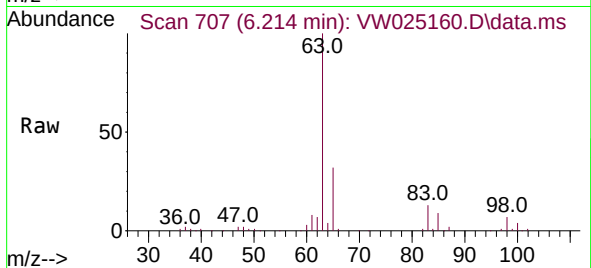
57 22.4 17.5 26.3



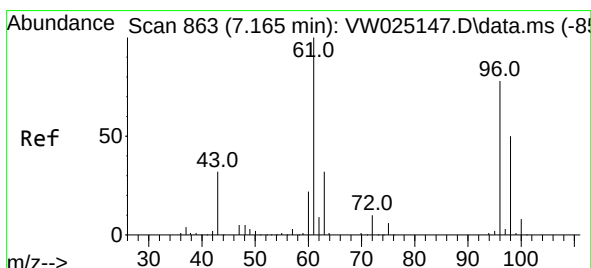
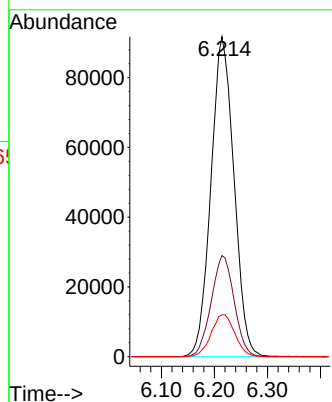
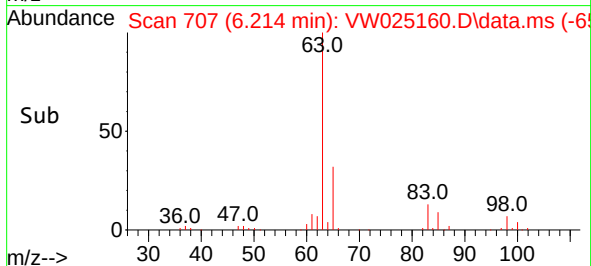


#19
 1,1-Dichloroethane
 Concen: 26.310 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

Instrument :
 MSVOA_W
 ClientSampleId :

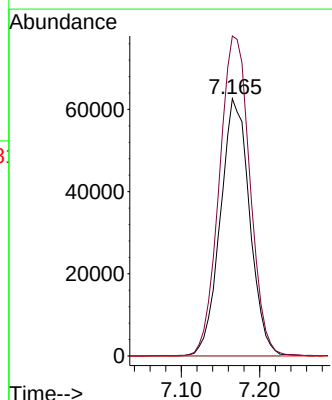
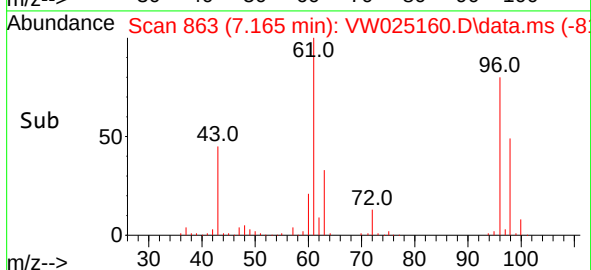
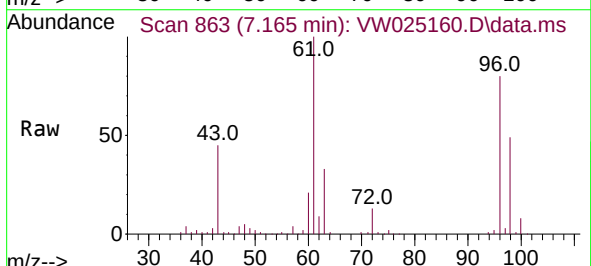


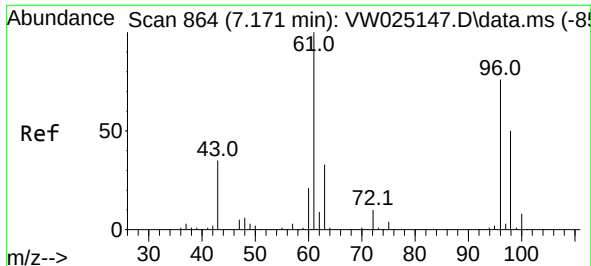
Tgt Ion: 63 Resp: 276714
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.2 41.2
 83 13.1 9.4 17.6



#20
 cis-1,2-Dichloroethene
 Concen: 26.448 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW025160.D
 Acq: 22 Dec 2022 16:07

Tgt Ion: 96 Resp: 162780
 Ion Ratio Lower Upper
 96 100
 61 124.3 93.7 173.9
 68 0.0 0.0 0.0

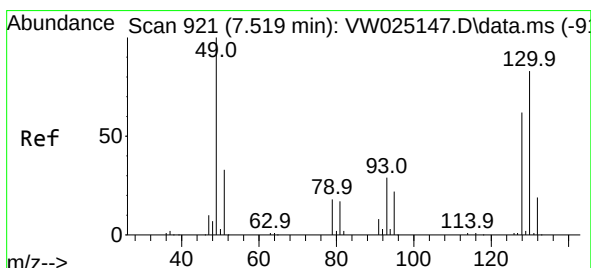
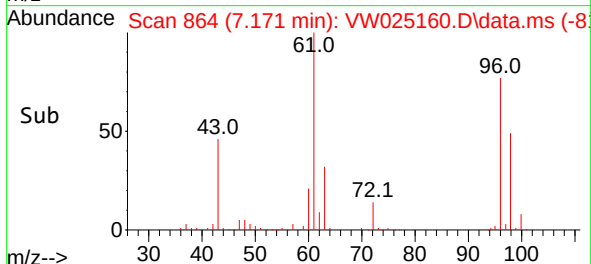
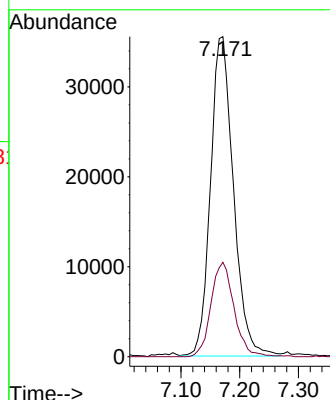
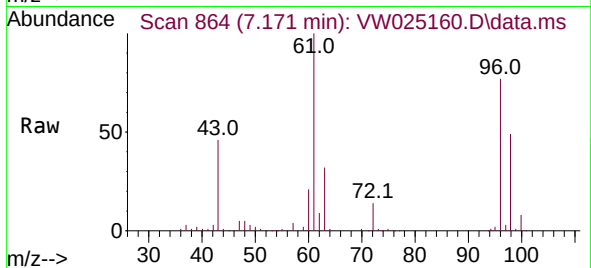




#22
2-Butanone
Concen: 59.150 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

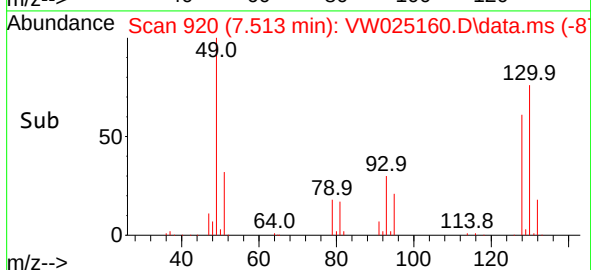
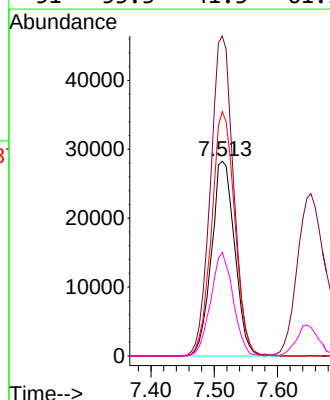
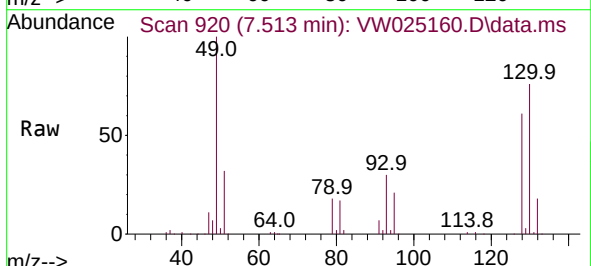
Instrument :
MSVOA_W
ClientSampleId :

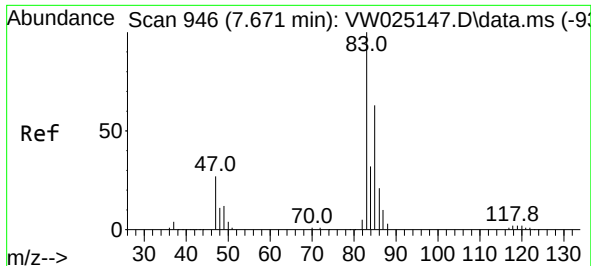
Tgt Ion: 43 Resp: 96475
Ion Ratio Lower Upper
43 100
72 29.7 15.0 45.0



#23
Bromochloromethane
Concen: 27.587 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion: 128 Resp: 71848
Ion Ratio Lower Upper
128 100
49 164.3 114.1 211.9
130 125.4 89.0 165.2
51 53.3 41.3 61.9

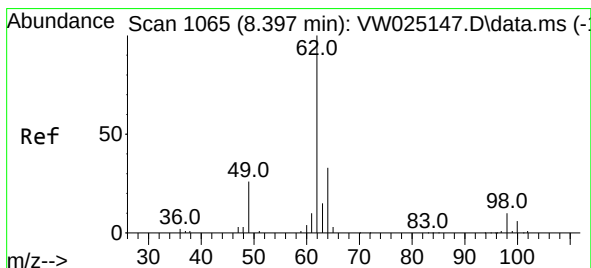
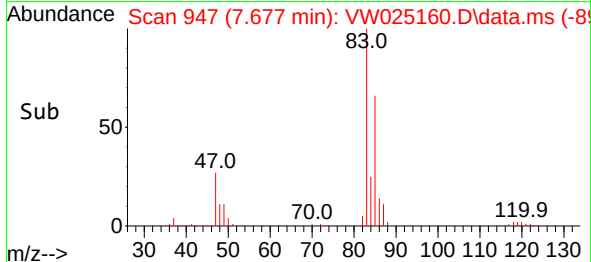
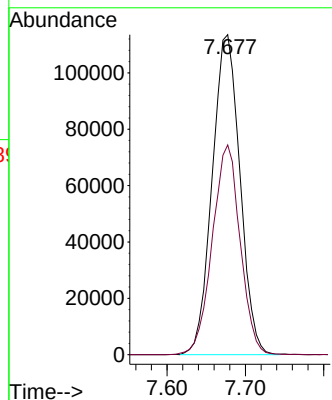
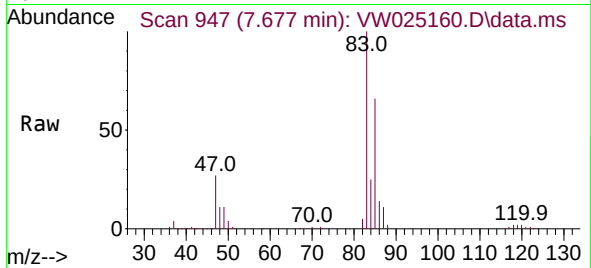




#25
Chloroform
Concen: 26.285 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

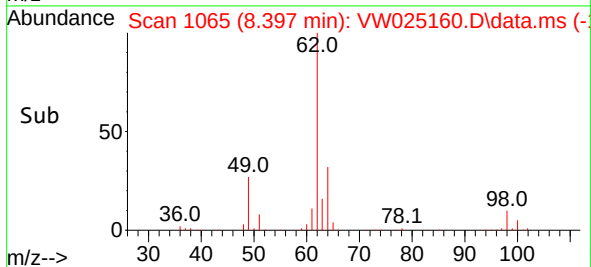
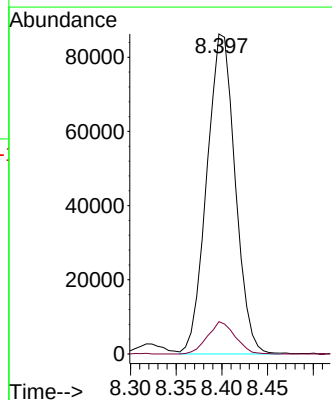
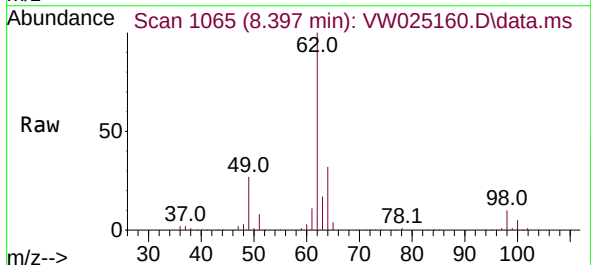
Instrument :
MSVOA_W
ClientSampleId :

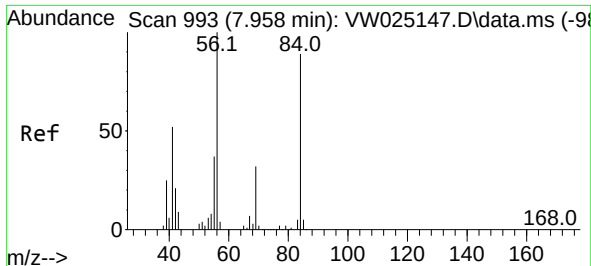
Tgt Ion: 83 Resp: 279748
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.822 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

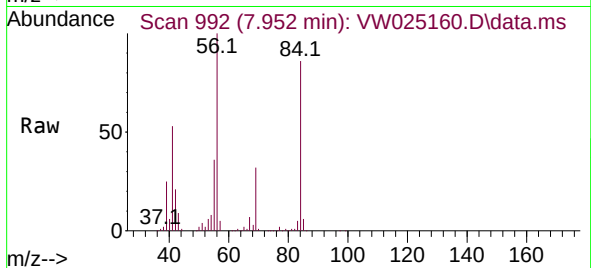
Tgt Ion: 62 Resp: 186432
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.8



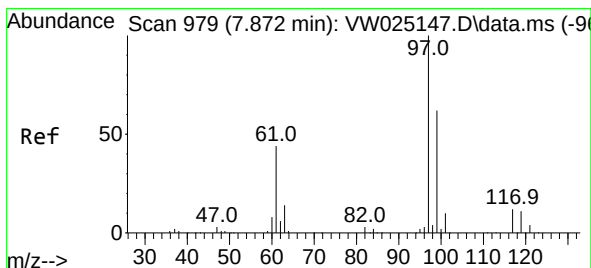
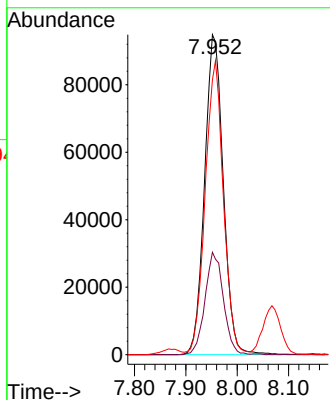
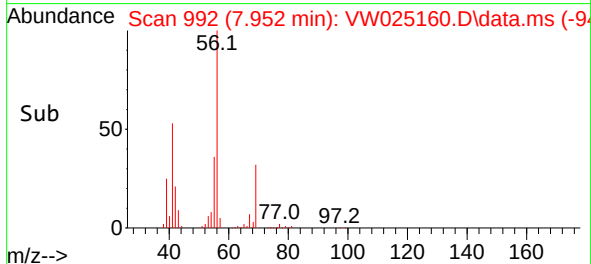


#29
Cyclohexane
Concen: 28.304 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Instrument :
MSVOA_W
ClientSampleId :

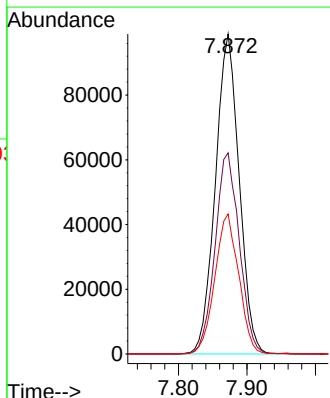
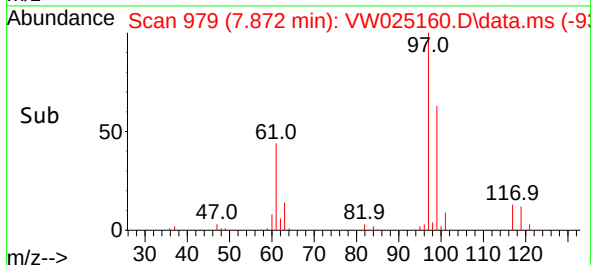
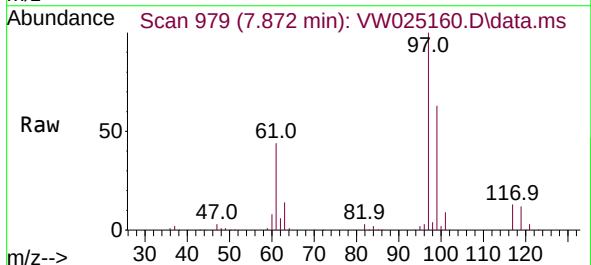


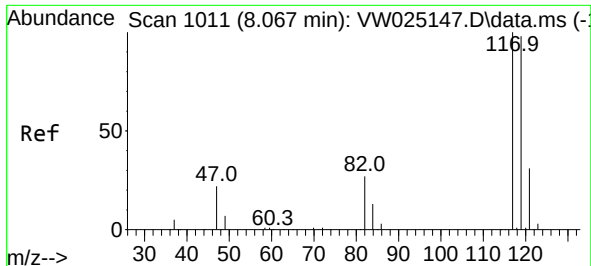
Tgt Ion: 56 Resp: 239707
Ion Ratio Lower Upper
56 100
69 31.4 25.0 37.6
84 89.8 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 30.190 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

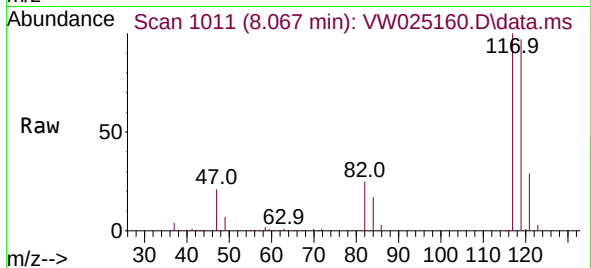
Tgt Ion: 97 Resp: 238352
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 43.9 35.5 53.3



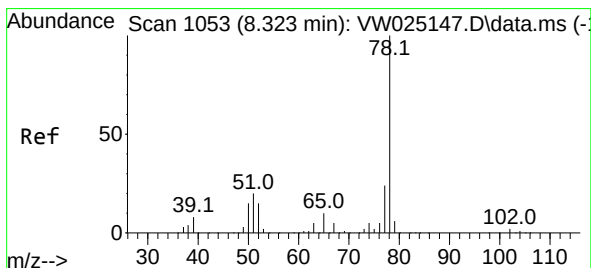
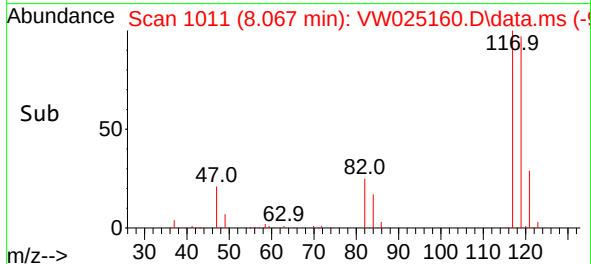
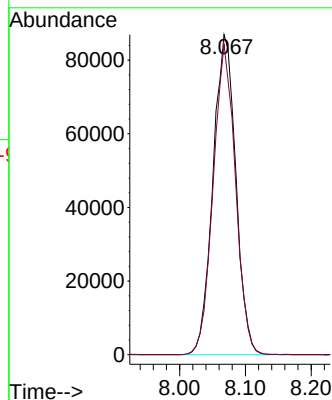


#31
Carbon tetrachloride
Concen: 28.924 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Instrument :
MSVOA_W
ClientSampleId :

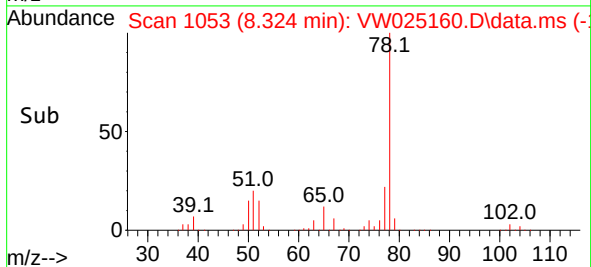
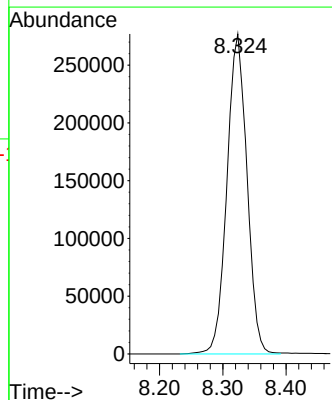
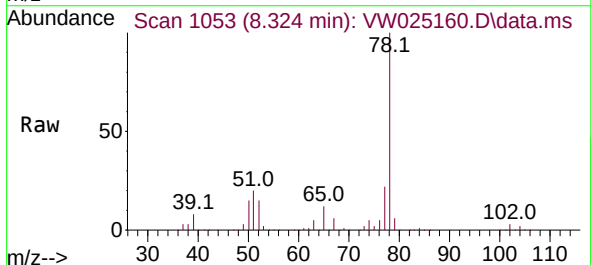


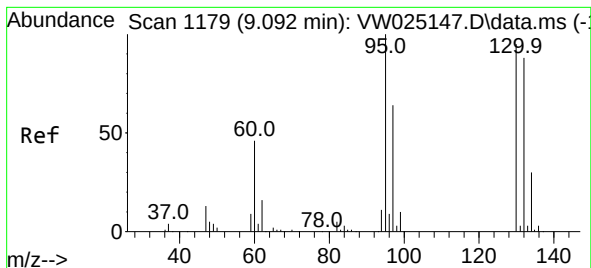
Tgt Ion:117 Resp: 209972
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4



#33
Benzene
Concen: 29.385 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion: 78 Resp: 608802





#34

Trichloroethene

Concen: 27.249 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 147881

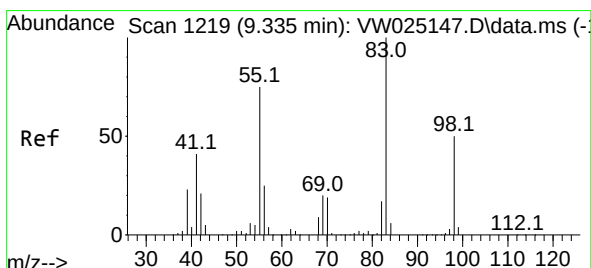
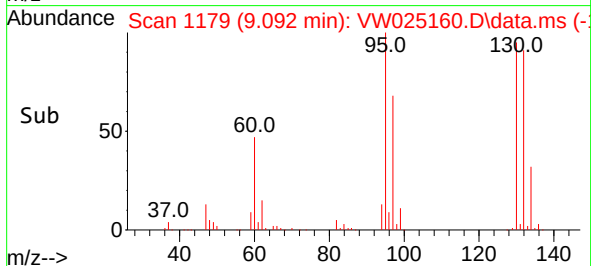
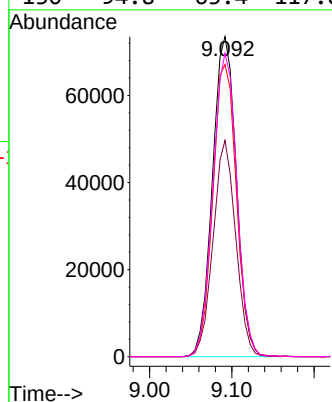
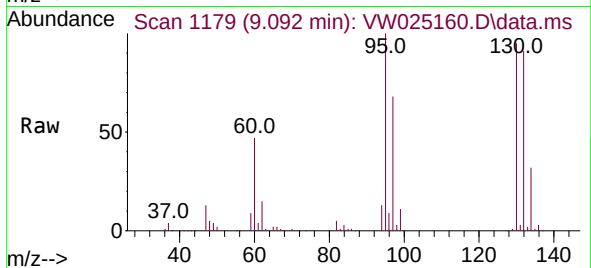
Ion Ratio Lower Upper

95 100

97 67.6 44.3 82.3

132 91.3 63.0 117.0

130 94.8 63.4 117.8



#35

Methylcyclohexane

Concen: 24.035 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

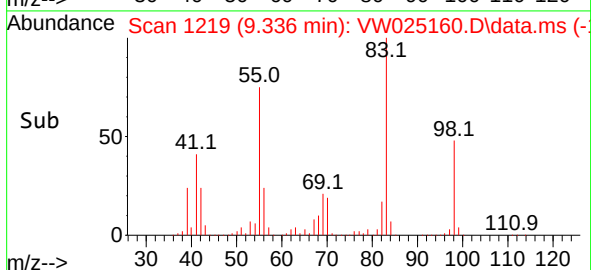
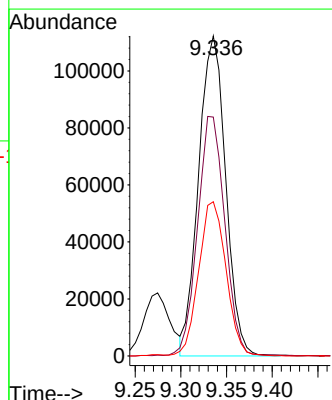
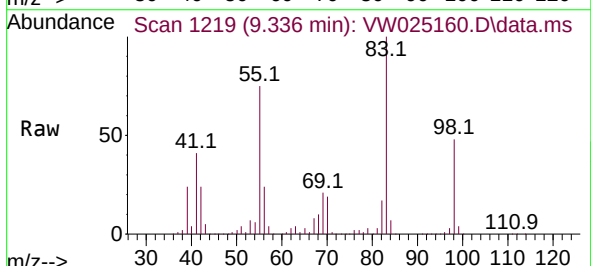
Tgt Ion: 83 Resp: 231361

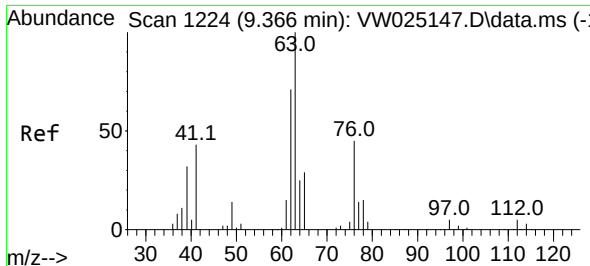
Ion Ratio Lower Upper

83 100

55 74.8 59.3 88.9

98 48.8 38.6 57.8





#37

1,2-Dichloropropane

Concen: 30.116 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

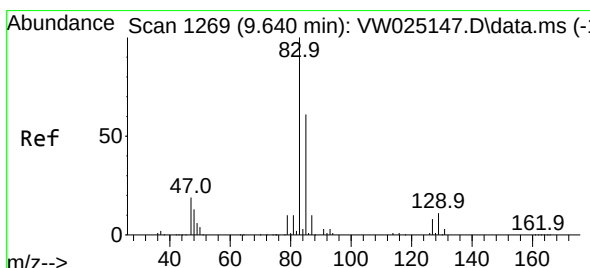
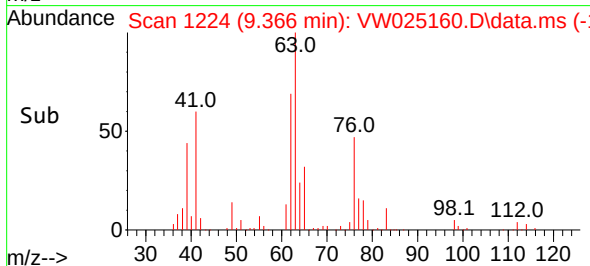
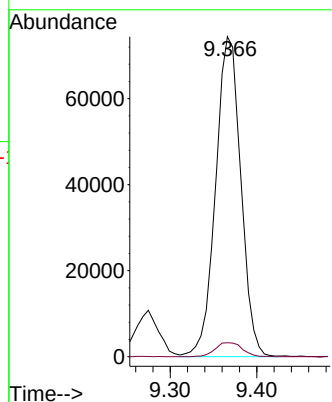
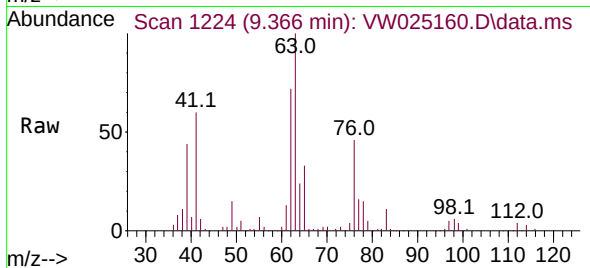
ClientSampleId :

Tgt Ion: 63 Resp: 150495

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 30.749 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

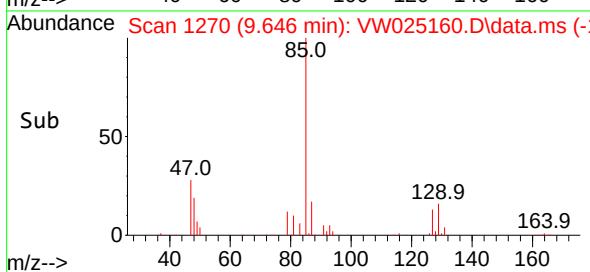
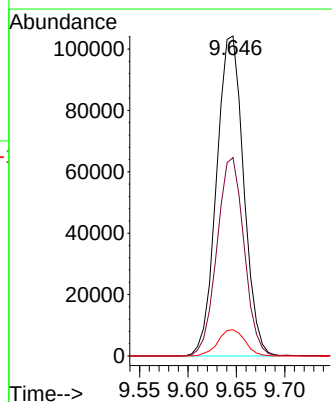
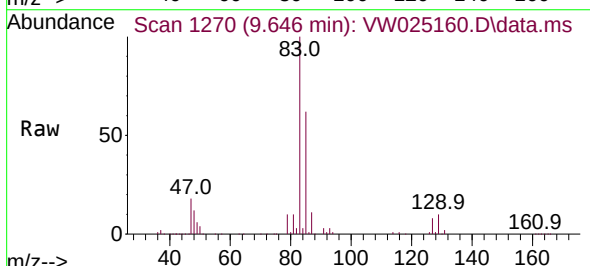
Tgt Ion: 83 Resp: 202988

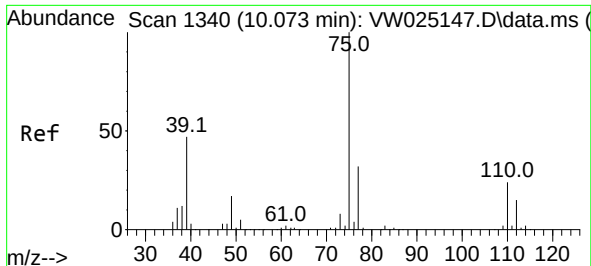
Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 29.604 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

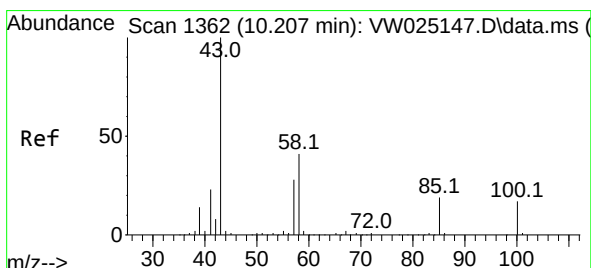
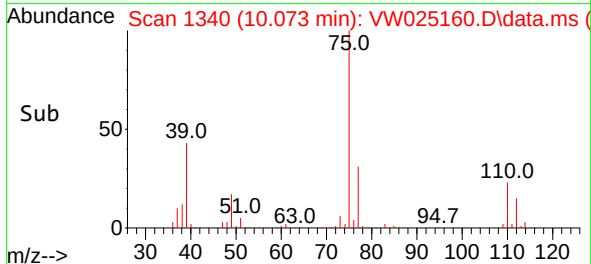
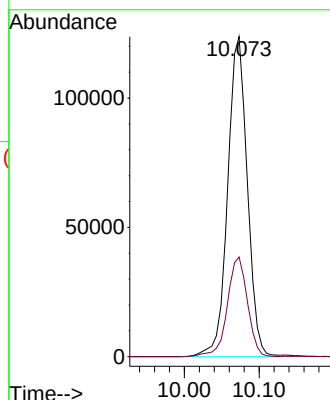
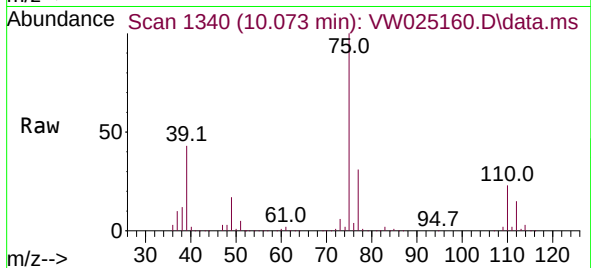
ClientSampleId :

Tgt Ion: 75 Resp: 226035

Ion Ratio Lower Upper

75 100

77 31.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 82.012 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

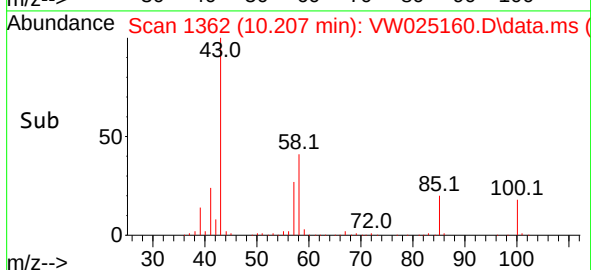
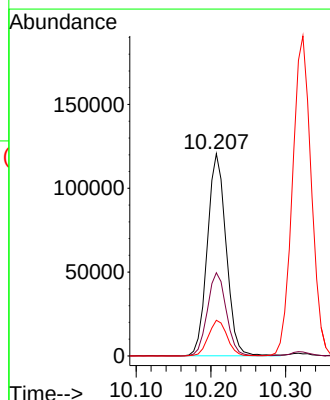
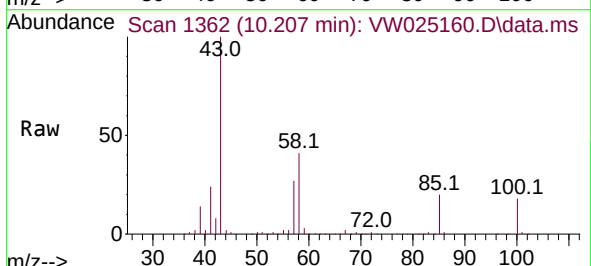
Tgt Ion: 43 Resp: 210086

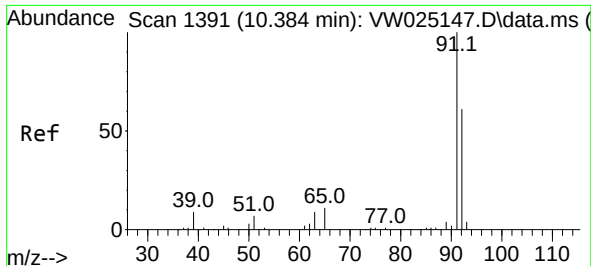
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 17.7 13.8 20.6

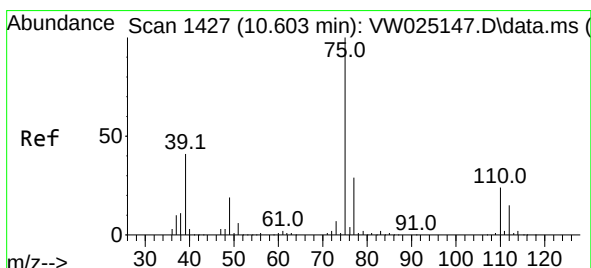
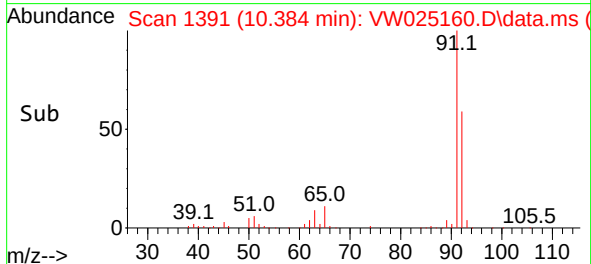
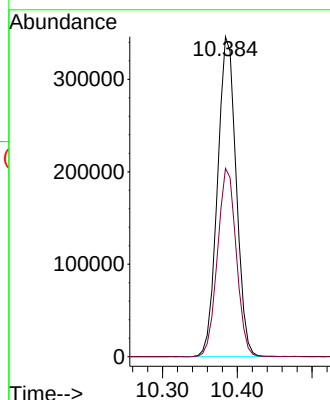
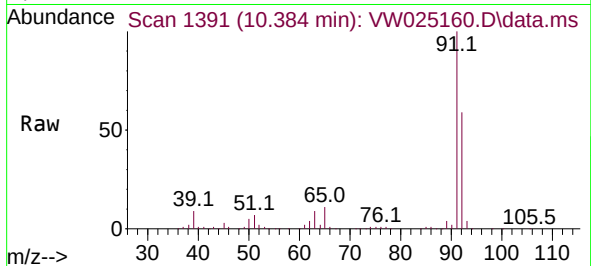




#42
Toluene
Concen: 27.691 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

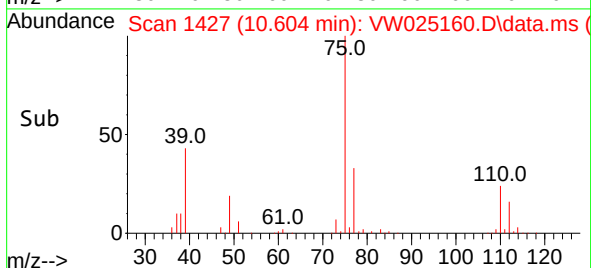
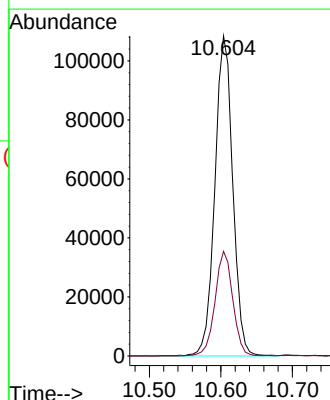
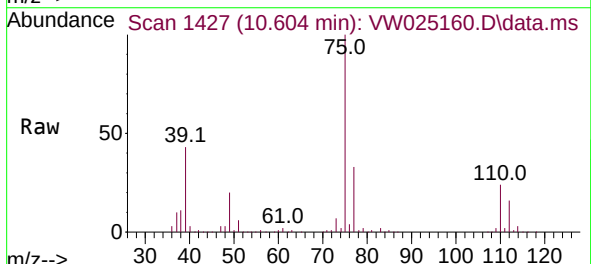
Instrument :
MSVOA_W
ClientSampleId :

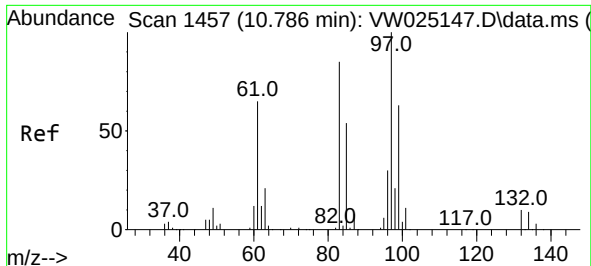
Tgt Ion: 91 Resp: 601116
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 28.789 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

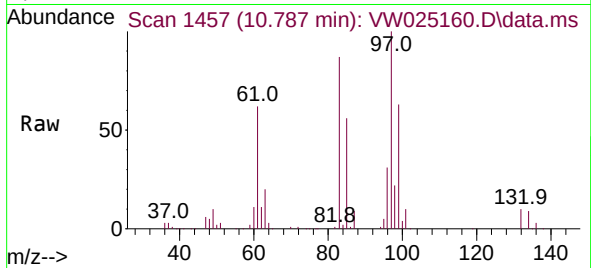
Tgt Ion: 75 Resp: 188249
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.7





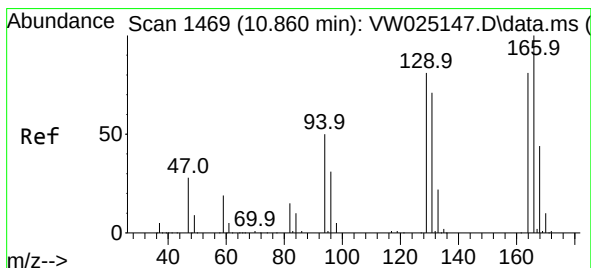
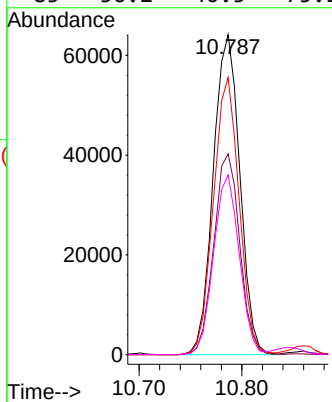
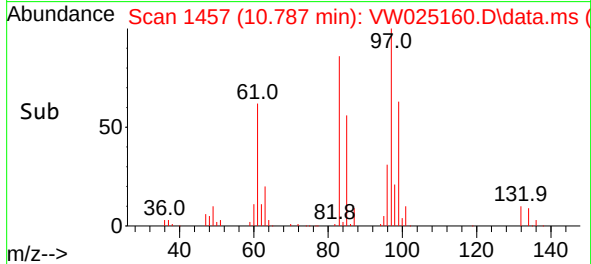
#45
1,1,2-Trichloroethane
Concen: 32.286 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Instrument :
MSVOA_W
ClientSampleId :

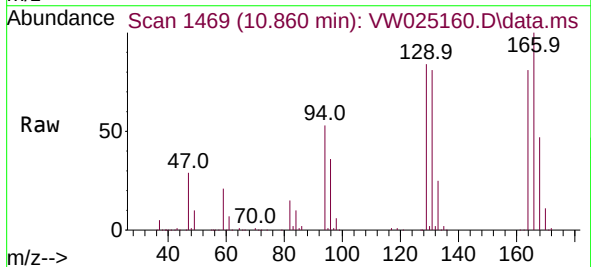


Tgt Ion: 97 Resp: 115136

Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.3	82.3
83	86.6	61.3	113.9
85	56.2	40.5	75.1

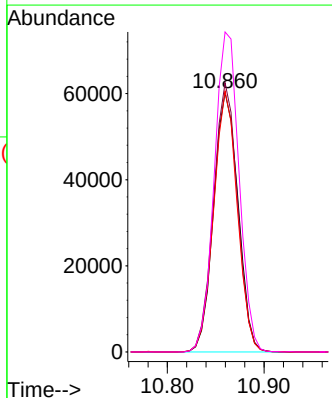
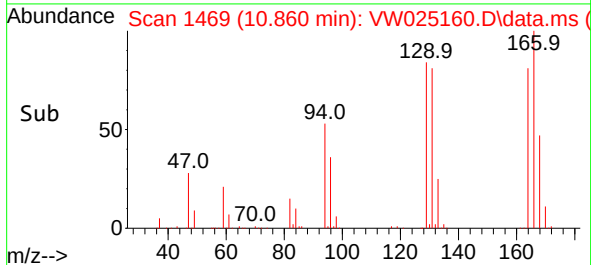


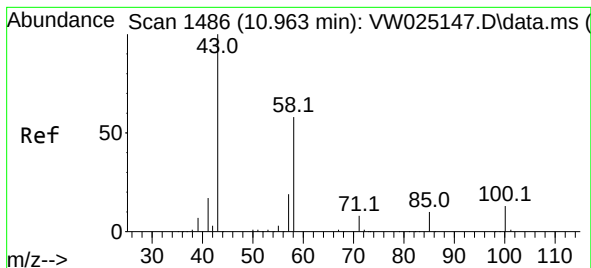
#46
Tetrachloroethene
Concen: 26.744 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07



Tgt Ion: 164 Resp: 105656

Ion	Ratio	Lower	Upper
164	100		
129	103.8	73.4	136.4
131	100.5	70.8	131.4
166	123.4	88.3	164.1

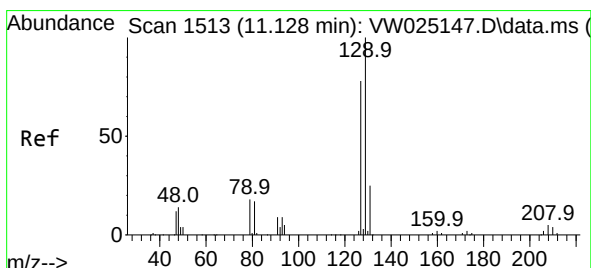
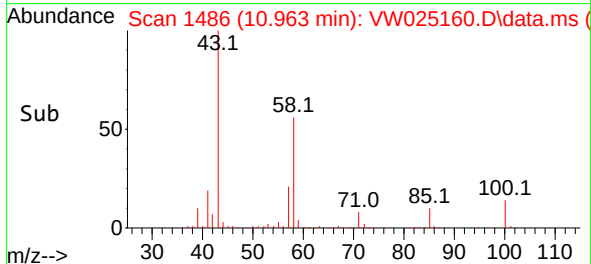
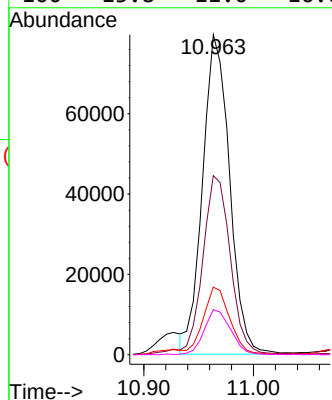
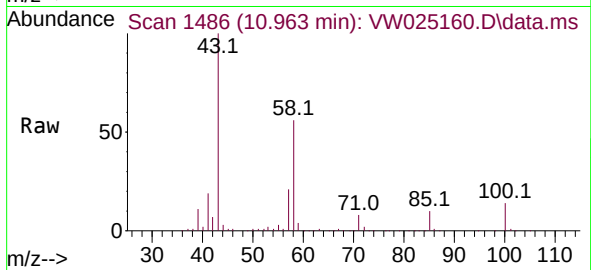




#48
2-Hexanone
Concen: 72.875 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

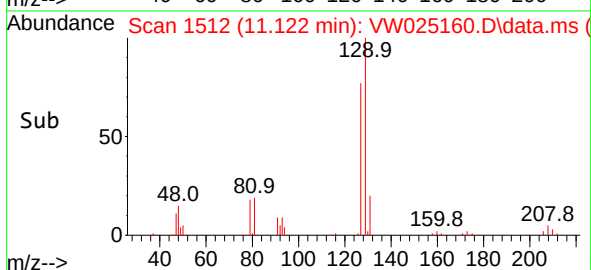
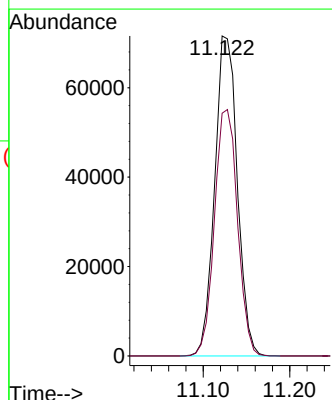
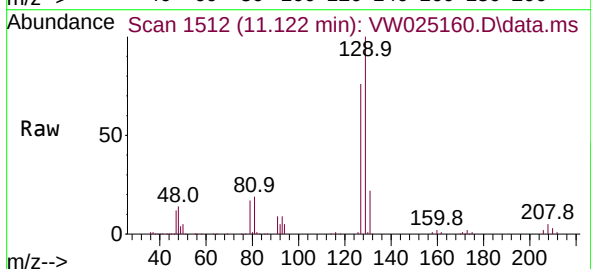
Instrument :
MSVOA_W
ClientSampleId :

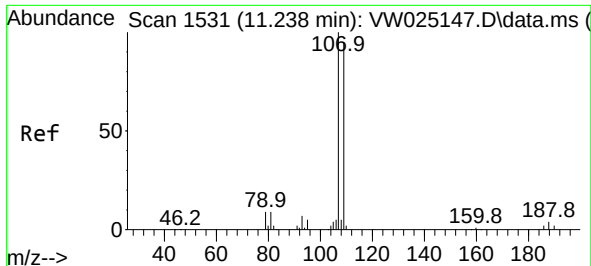
Tgt Ion: 43 Resp: 136354
Ion Ratio Lower Upper
43 100
58 56.8 46.6 69.8
57 20.9 16.7 25.1
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 30.327 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:129 Resp: 129883
Ion Ratio Lower Upper
129 100
127 75.8 49.7 92.3





#50

1,2-Dibromoethane

Concen: 31.132 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

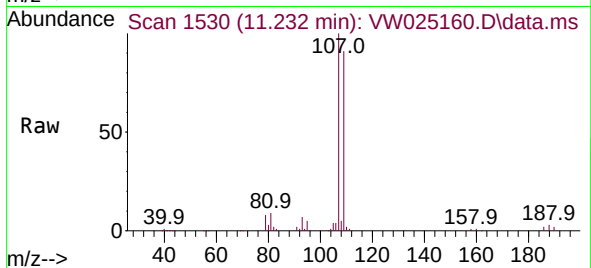
Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :



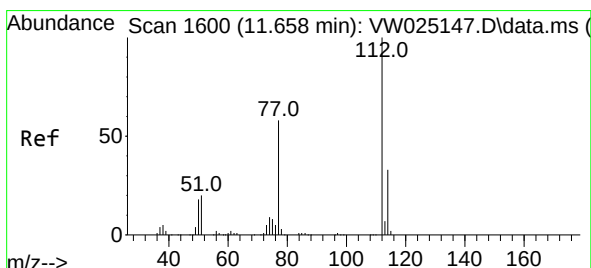
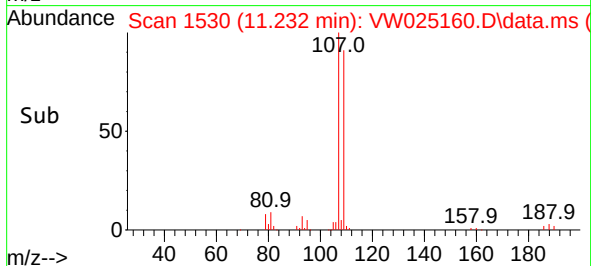
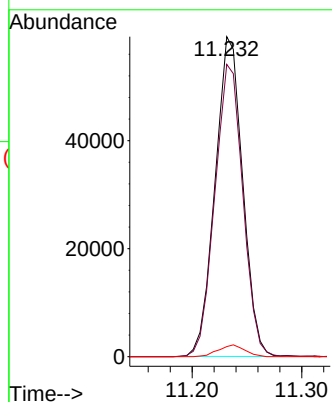
Tgt Ion:107 Resp: 103365

Ion Ratio Lower Upper

107 100

109 91.4 66.8 124.2

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 22.944 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

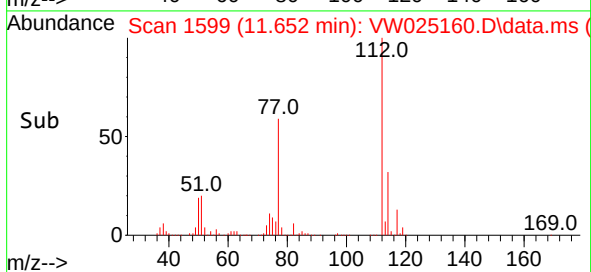
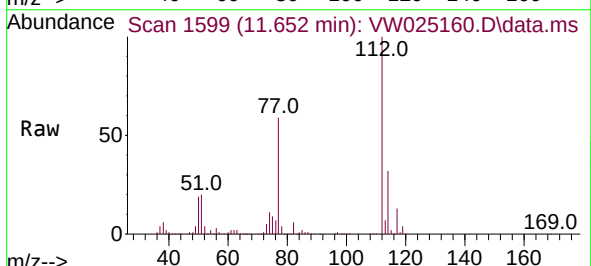
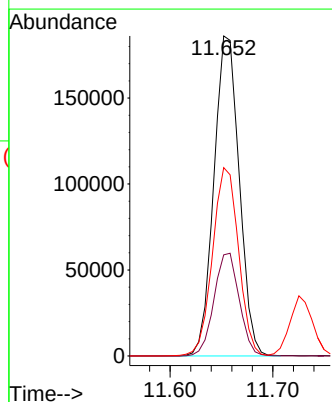
Tgt Ion:112 Resp: 318741

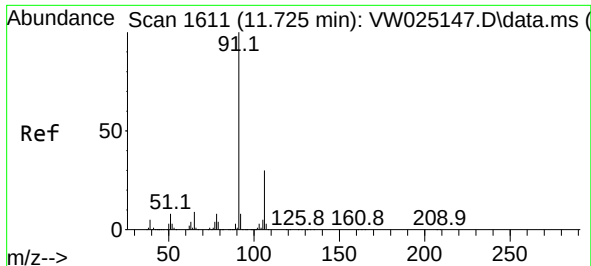
Ion Ratio Lower Upper

112 100

114 31.6 23.2 43.2

77 58.9 47.2 70.8

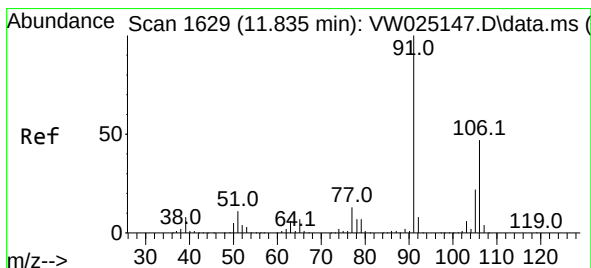
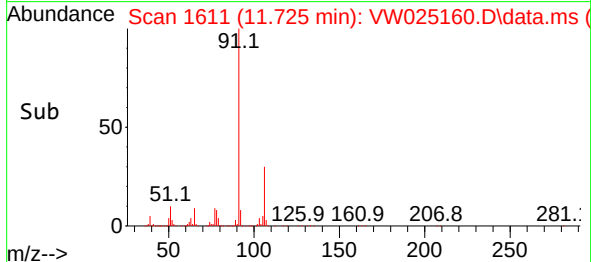
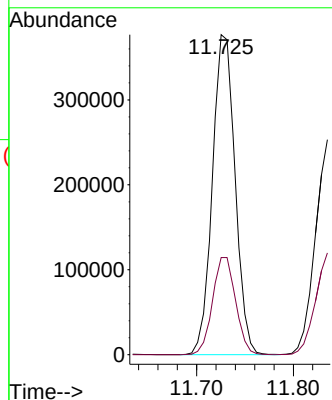
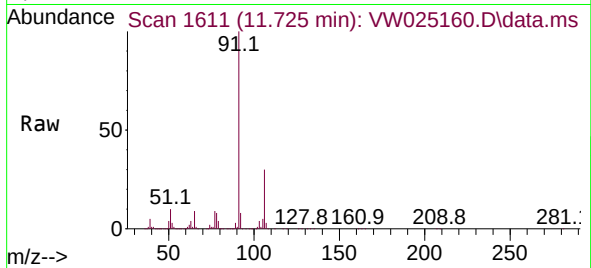




#52
Ethylbenzene
Concen: 24.971 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

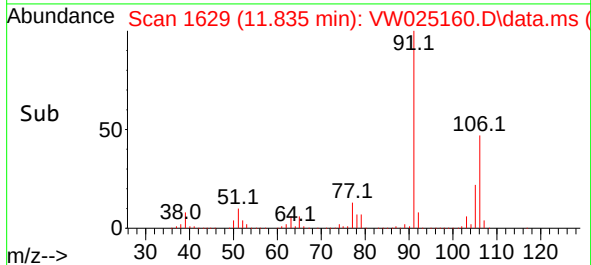
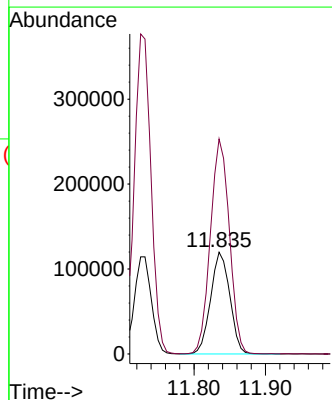
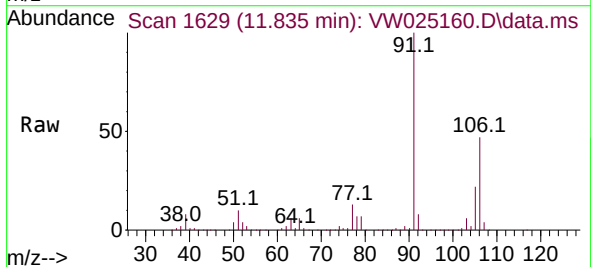
Instrument :
MSVOA_W
ClientSampleId :

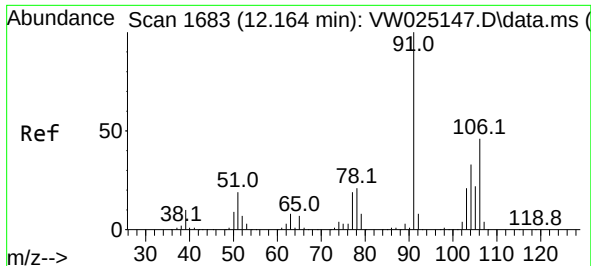
Tgt Ion: 91 Resp: 614293
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 23.744 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion: 106 Resp: 223063
Ion Ratio Lower Upper
106 100
91 211.3 139.7 259.4

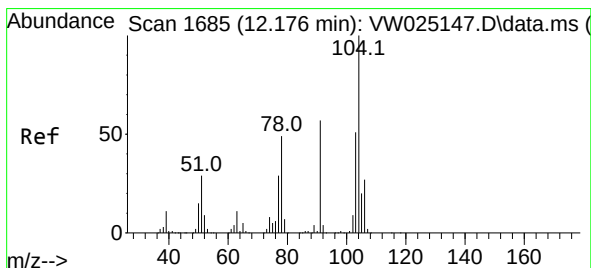
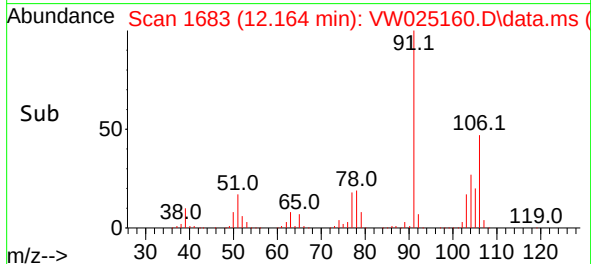
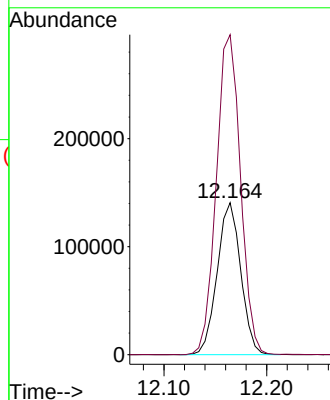
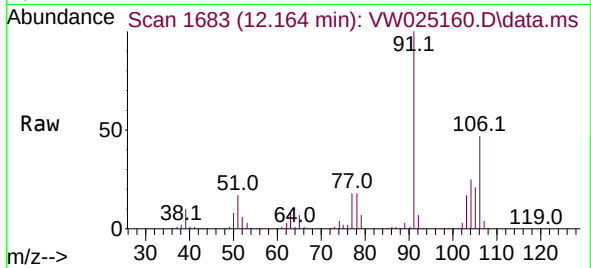




#54
o-Xylene
Concen: 25.001 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

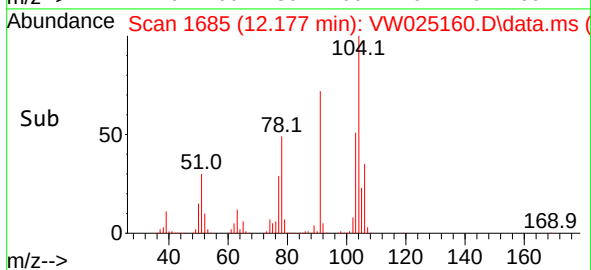
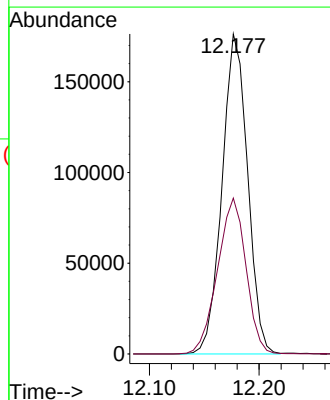
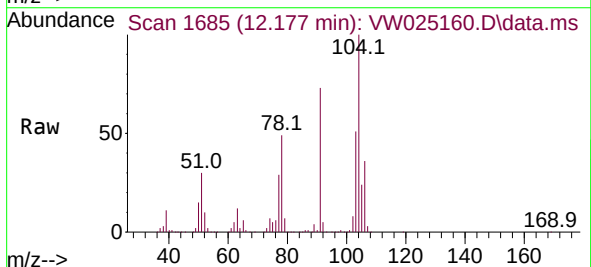
Instrument :
MSVOA_W
ClientSampleId :

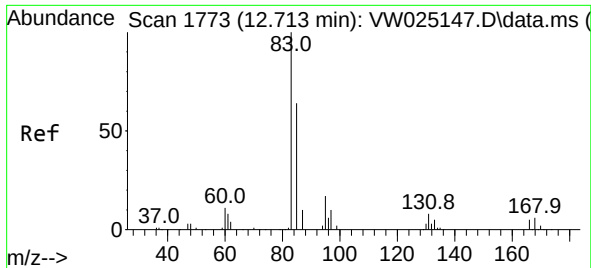
Tgt Ion:106 Resp: 223844
Ion Ratio Lower Upper
106 100
91 210.6 148.8 276.4



#55
Styrene
Concen: 18.827 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:104 Resp: 285469
Ion Ratio Lower Upper
104 100
78 48.7 34.4 63.8

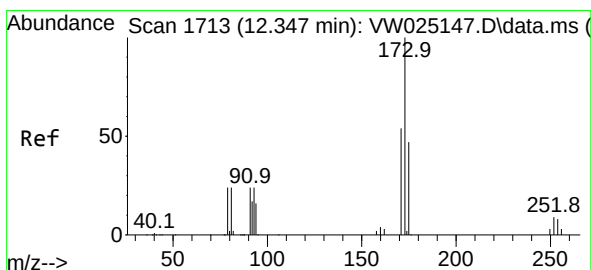
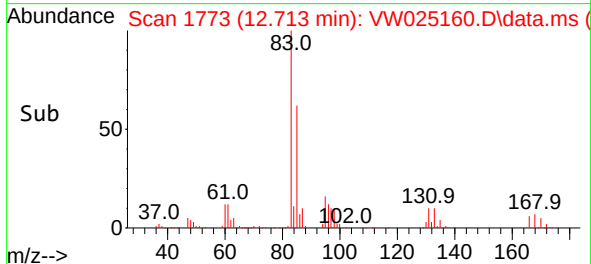
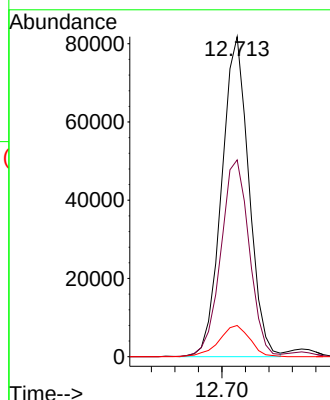
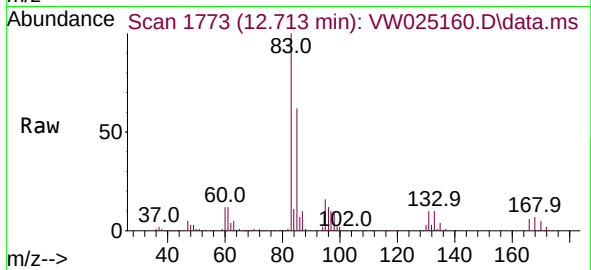




#57
1,1,2,2-Tetrachloroethane
Concen: 31.513 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

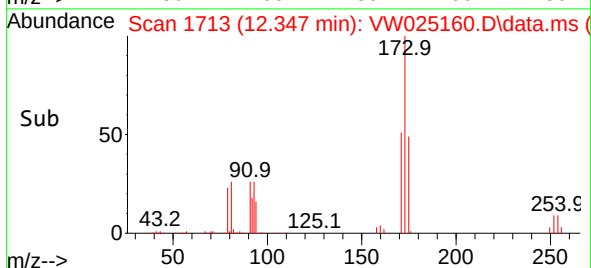
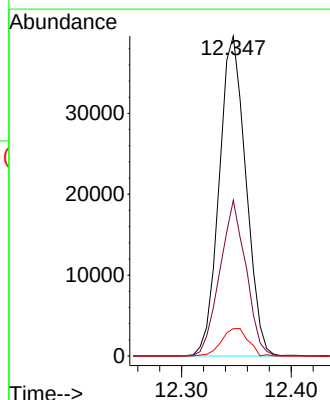
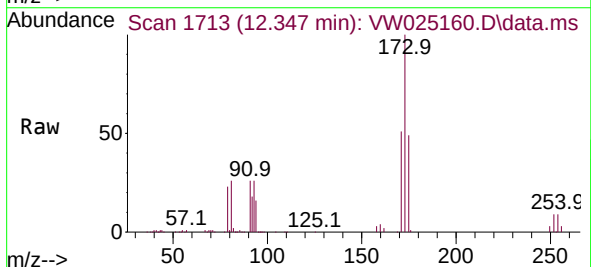
Instrument :
MSVOA_W
ClientSampleId :

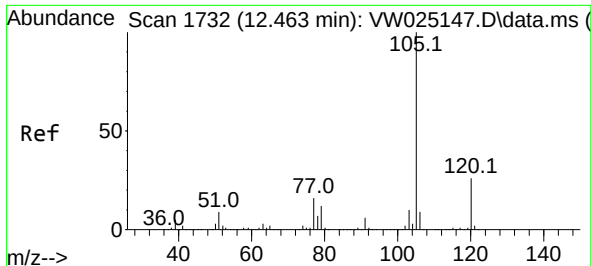
Tgt Ion: 83 Resp: 131421
Ion Ratio Lower Upper
83 100
85 61.5 46.8 87.0
131 9.8 8.2 12.2



#59
Bromoform
Concen: 50.002 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:173 Resp: 66909
Ion Ratio Lower Upper
173 100
175 47.6 37.4 56.0
254 8.4 6.8 10.2

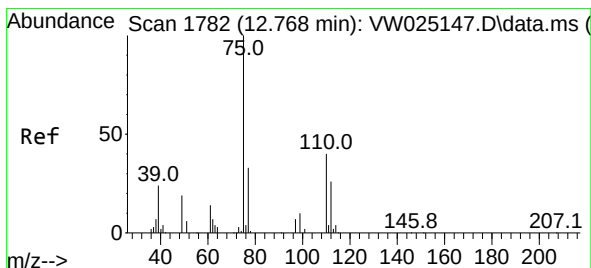
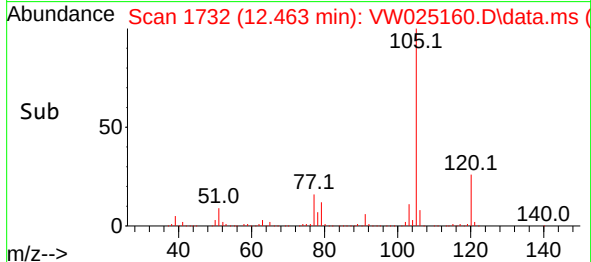
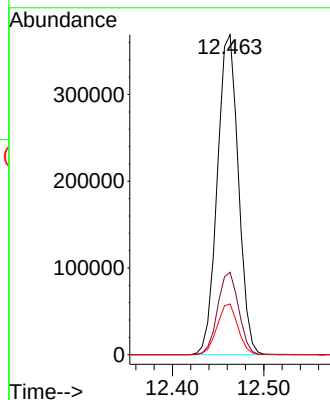
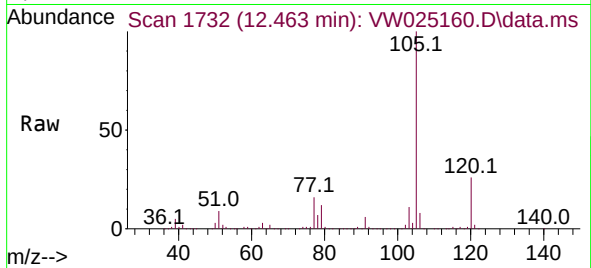




#60
Isopropylbenzene
Concen: 39.596 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

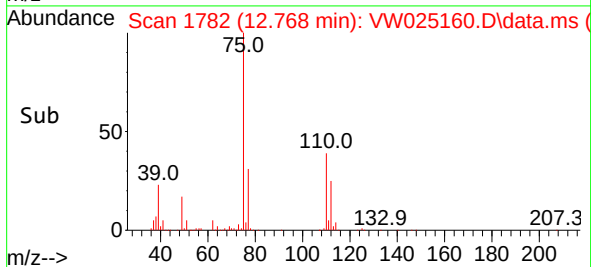
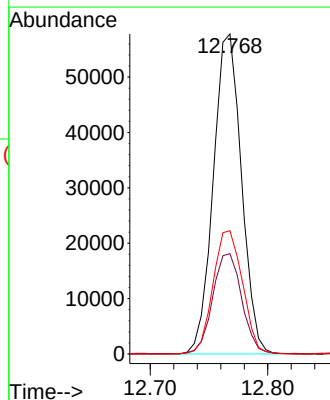
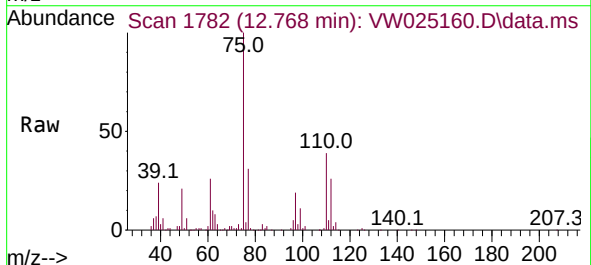
Instrument :
MSVOA_W
ClientSampleId :

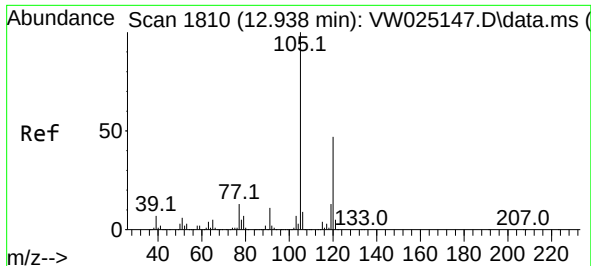
Tgt Ion:105 Resp: 591414
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.419 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion: 75 Resp: 96306
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0
110 40.3 31.7 47.5

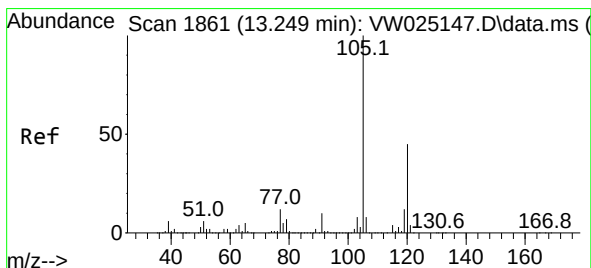
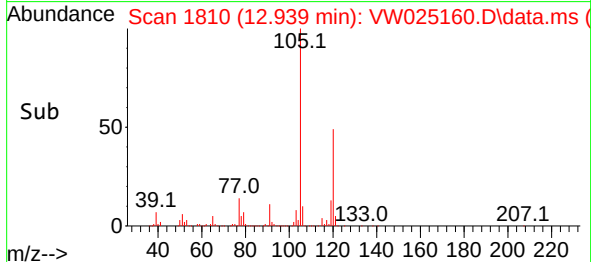
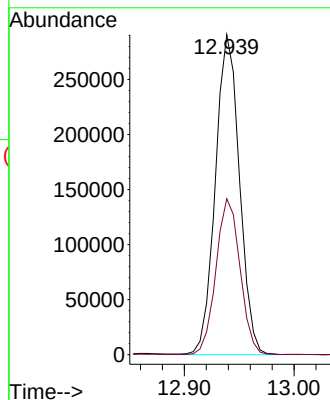
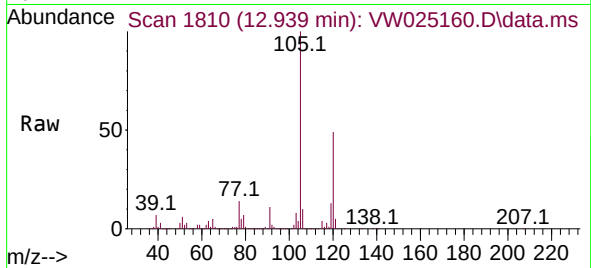




#62
1,3,5-Trimethylbenzene
Concen: 34.713 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

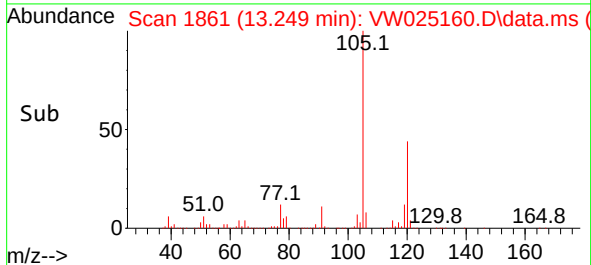
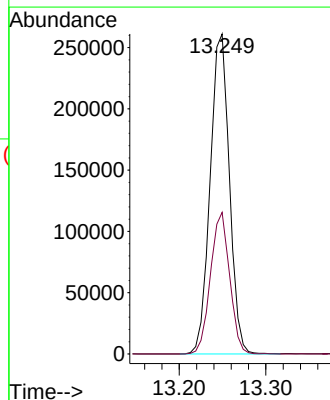
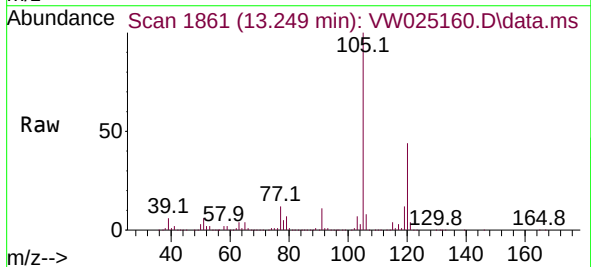
Instrument :
MSVOA_W
ClientSampleId :

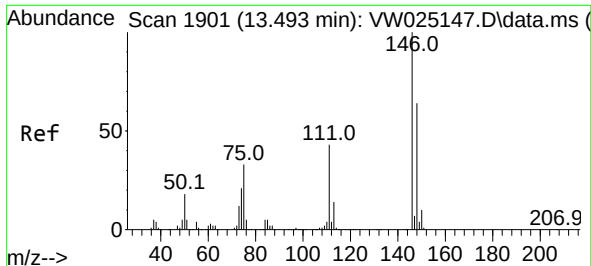
Tgt Ion:105 Resp: 444129
Ion Ratio Lower Upper
105 100
120 48.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 32.403 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:105 Resp: 402750
Ion Ratio Lower Upper
105 100
120 44.0 36.1 54.1

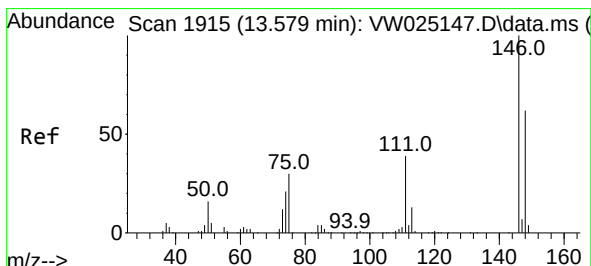
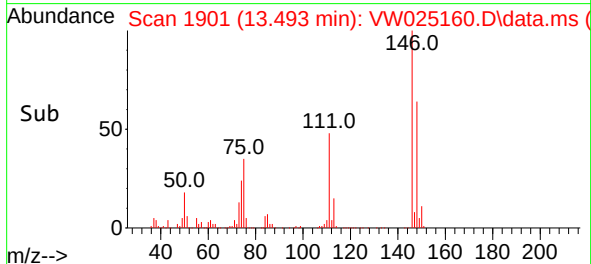
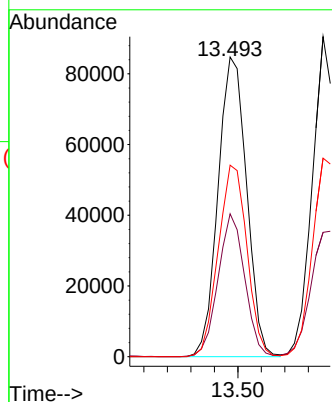
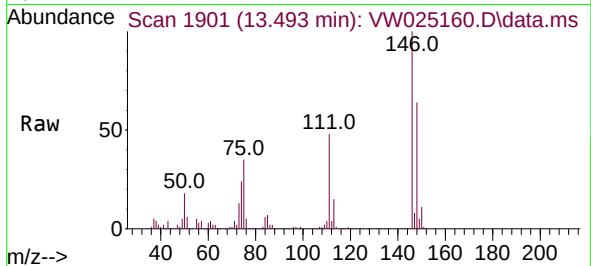




#64
1,3-Dichlorobenzene
Concen: 23.431 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

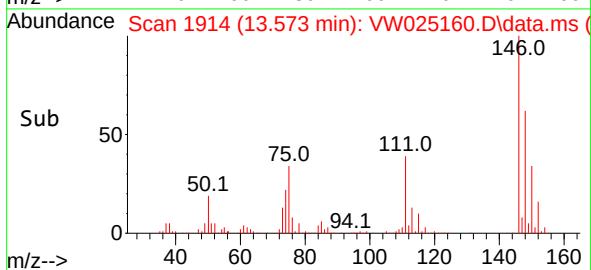
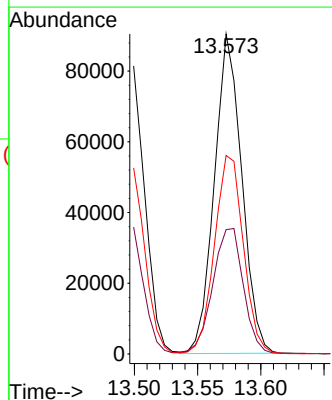
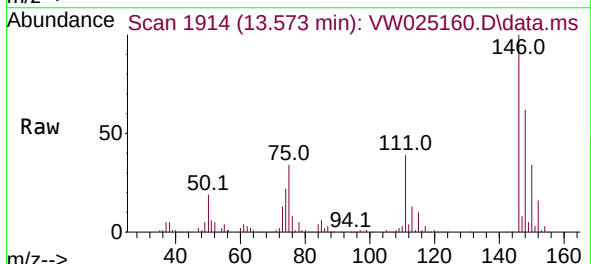
Instrument :
MSVOA_W
ClientSampleId :

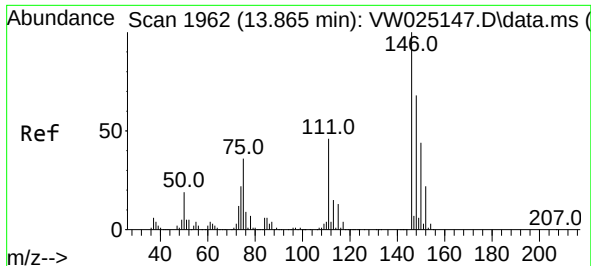
Tgt Ion:146 Resp: 143277
Ion Ratio Lower Upper
146 100
111 47.7 30.2 56.0
148 63.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 22.122 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025160.D
Acq: 22 Dec 2022 16:07

Tgt Ion:146 Resp: 136223
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 62.1 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 25.220 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :

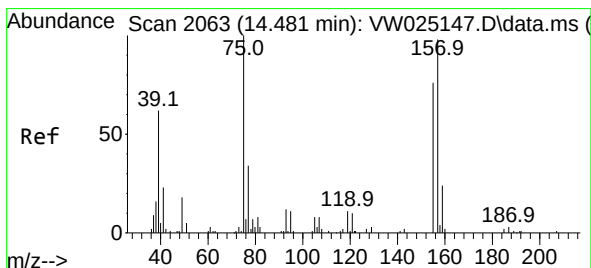
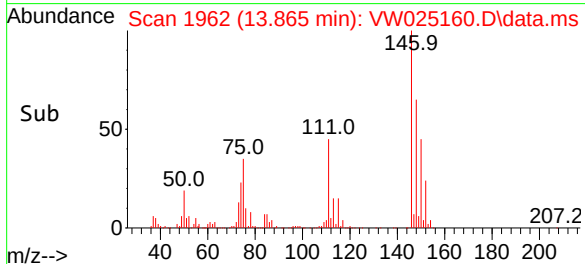
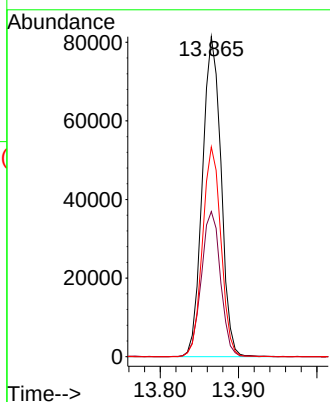
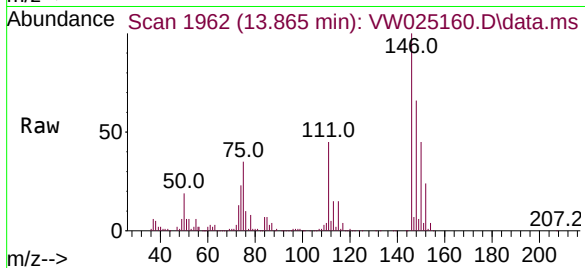
Tgt Ion:146 Resp: 134491

Ion Ratio Lower Upper

146 100

111 45.4 34.3 51.5

148 65.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.778 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

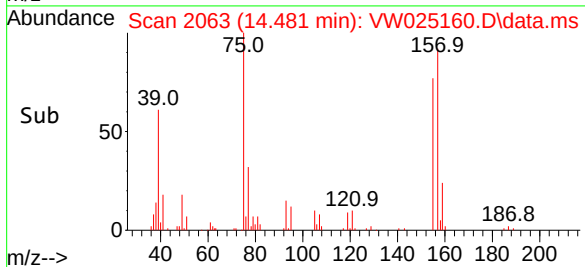
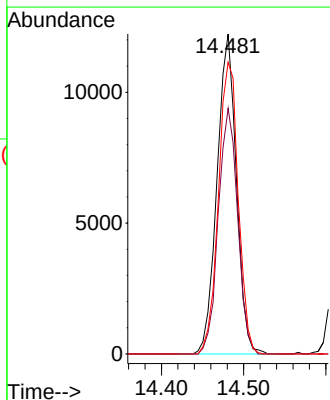
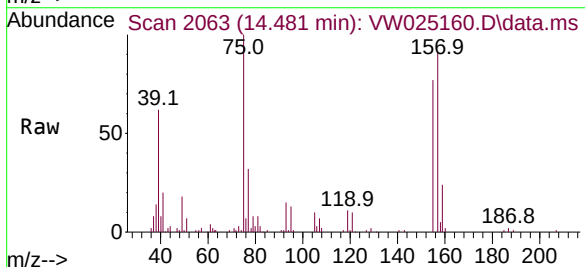
Tgt Ion: 75 Resp: 19991

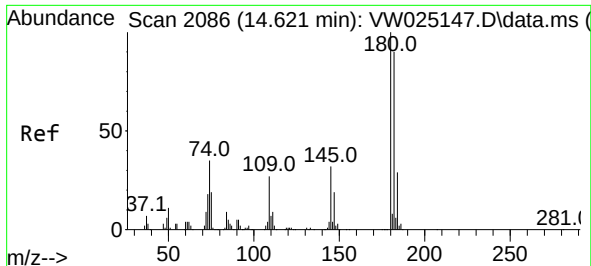
Ion Ratio Lower Upper

75 100

155 76.8 60.3 90.5

157 91.1 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 14.223 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

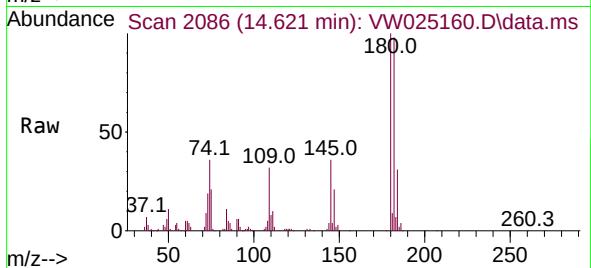
Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 61753

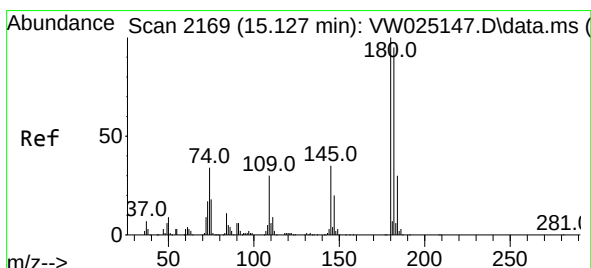
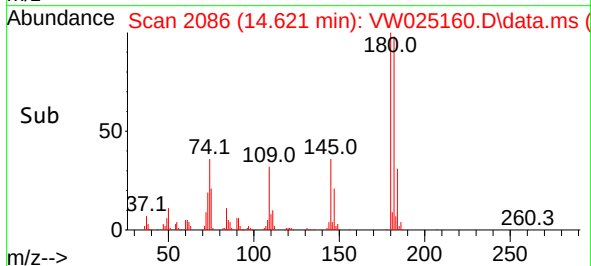
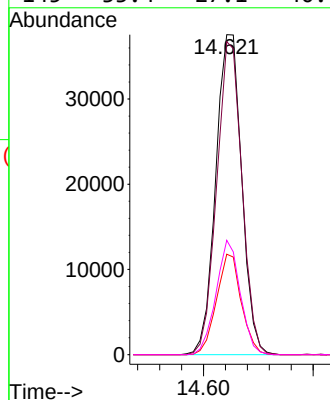
Ion Ratio Lower Upper

180 100

182 94.9 77.8 116.6

184 30.0 24.3 36.5

145 33.4 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 8.834 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

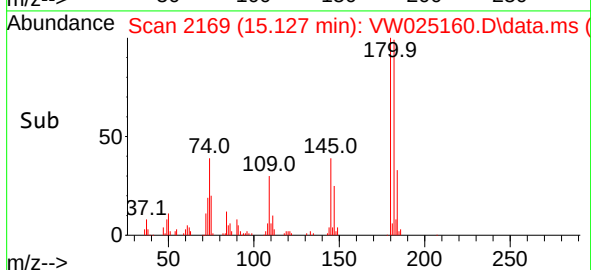
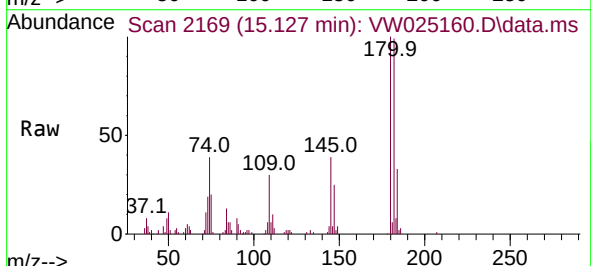
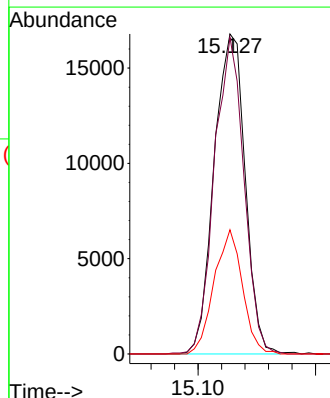
Tgt Ion:180 Resp: 30776

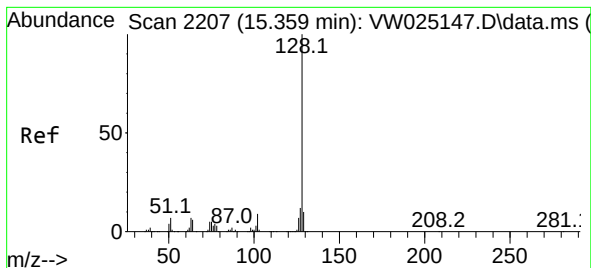
Ion Ratio Lower Upper

180 100

182 94.1 77.2 115.8

145 35.4 26.9 40.3





#71

Naphthalene

Concen: 8.609 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Instrument :

MSVOA_W

ClientSampleId :

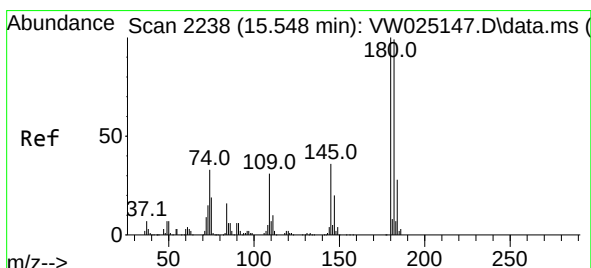
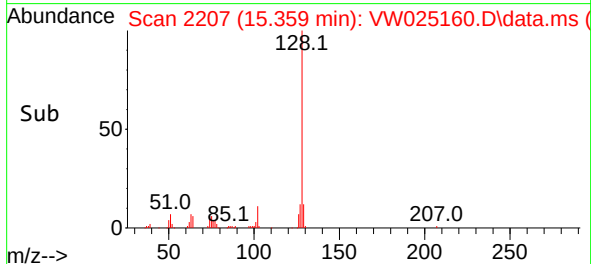
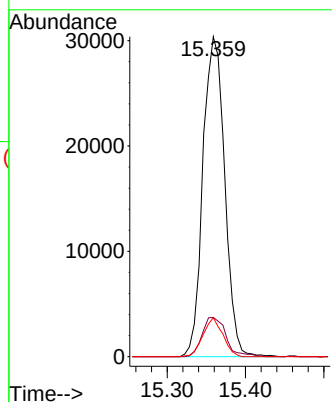
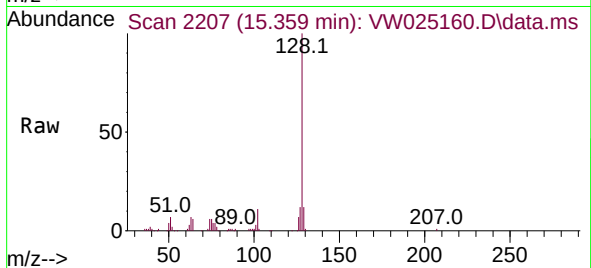
Tgt Ion:128 Resp: 58793

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 8.852 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025160.D

Acq: 22 Dec 2022 16:07

Tgt Ion:180 Resp: 27024

Ion Ratio Lower Upper

180 100

182 92.8 76.4 114.6

145 35.4 29.6 44.4

