

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031157.D
 Acq On : 06 Dec 2024 17:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.61g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 23:42:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	368708	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	332592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160136	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88260	15.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.240%
7) Chloroethane-d5	2.893	69	72415	16.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	4.015	65	55305	21.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.440%
21) 2-Butanone-d5	7.093	46	50207	50.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.200%
24) Chloroform-d	7.648	84	272463	25.230	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.301	65	144428	27.179	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.720%
32) Benzene-d6	8.270	84	508958	24.898	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	9.270	67	151751	25.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	10.319	98	479492	25.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.960%
43) trans-1,3-Dichloroprop...	10.575	79	63980	26.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.160%
47) 2-Hexanone-d5	10.922	63	42052	59.943	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111864	27.682	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	146033	25.674	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	97547	20.950	ug/L	99
3) Chloromethane	2.216	50	78667	14.325	ug/L	94
5) Vinyl chloride	2.369	62	97966	14.851	ug/L	100
6) Bromomethane	2.789	94	73577	17.541	ug/L	96
8) Chloroethane	2.930	64	59291	15.027	ug/L	91
9) Trichlorofluoromethane	3.265	101	128772	18.553	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	108497	20.576	ug/L	92
12) 1,1-Dichloroethene	4.039	96	104913	20.035	ug/L	82
13) Acetone	4.167	43	44998	25.187	ug/L	78
14) Carbon disulfide	4.387	76	333215	19.404	ug/L	99
15) Methyl Acetate	4.679	43	38013	20.277	ug/L	# 80
16) Methylene chloride	4.911	84	114070	21.376	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	120396	21.629	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	191801	24.630	ug/L	99
19) 1,1-Dichloroethane	6.216	63	224508	21.929	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	129380	22.129	ug/L	92
22) 2-Butanone	7.191	43	57415	34.196	ug/L	98
23) Bromochloromethane	7.508	128	54003	21.754	ug/L	95
25) Chloroform	7.673	83	242179	22.743	ug/L	97

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 Response via : Initial Calibration

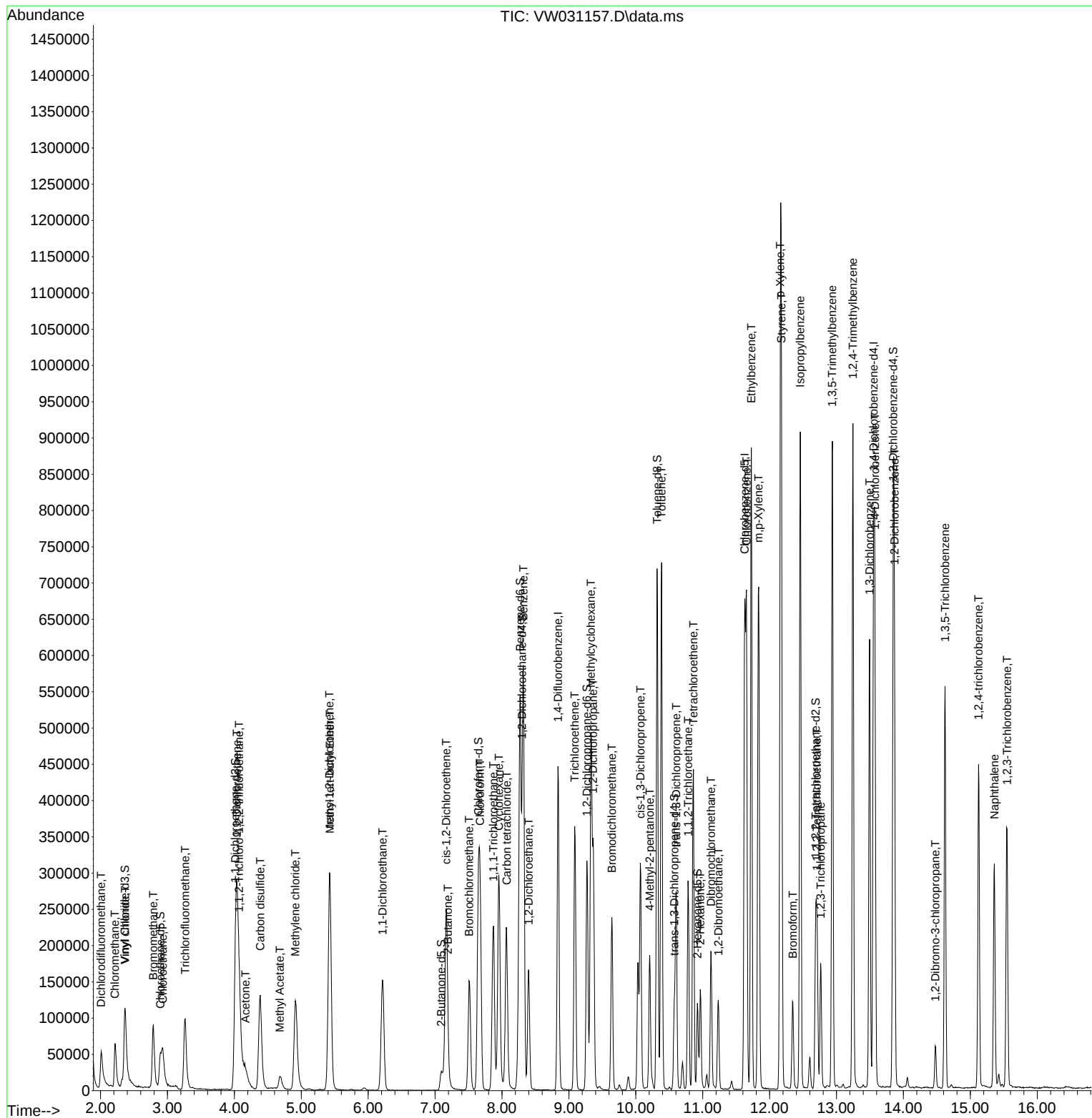
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	157583	24.025	ug/L	96
29) Cyclohexane	7.953	56	174642	20.861	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	194230	21.681	ug/L	98
31) Carbon tetrachloride	8.069	117	170253	20.797	ug/L	100
33) Benzene	8.319	78	495832	22.046	ug/L	100
34) Trichloroethene	9.087	95	136874	22.063	ug/L	95
35) Methylcyclohexane	9.331	83	211979	21.473	ug/L	99
37) 1,2-Dichloropropane	9.361	63	126473	22.605	ug/L	99
38) Bromodichloromethane	9.642	83	168171	22.964	ug/L	90
39) cis-1,3-Dichloropropene	10.069	75	198567	23.507	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	118360	47.242	ug/L	99
42) Toluene	10.386	91	532680	22.483	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	163736	23.577	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	90316	23.489	ug/L	90
46) Tetrachloroethene	10.861	164	95095	20.677	ug/L	89
48) 2-Hexanone	10.965	43	80864	35.675	ug/L	98
49) Dibromochloromethane	11.123	129	100335	23.687	ug/L	91
50) 1,2-Dibromoethane	11.233	107	86358	24.034	ug/L	84
51) Chlorobenzene	11.654	112	328199	21.701	ug/L	97
52) Ethylbenzene	11.727	91	608906	22.680	ug/L	99
53) m,p-Xylene	11.837	106	222693	22.287	ug/L	96
54) o-Xylene	12.160	106	212813	22.894	ug/L	86
55) Styrene	12.178	104	366729	23.436	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.708	83	104448	25.075	ug/L	93
59) Bromoform	12.349	173	55159	23.572	ug/L #	95
60) Isopropylbenzene	12.458	105	572213	22.135	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	74171	24.788	ug/L	97
62) 1,3,5-Trimethylbenzene	12.934	105	489138	24.029	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	486928	24.350	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	244127	21.655	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	232450	20.412	ug/L	86
67) 1,2-Dichlorobenzene	13.867	146	216333	21.937	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	16508	25.408	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	164813	21.516	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	131638	21.916	ug/L	95
71) Naphthalene	15.360	128	259039	26.769	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117396	22.834	ug/L	98

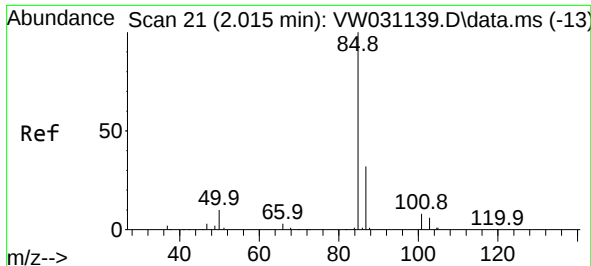
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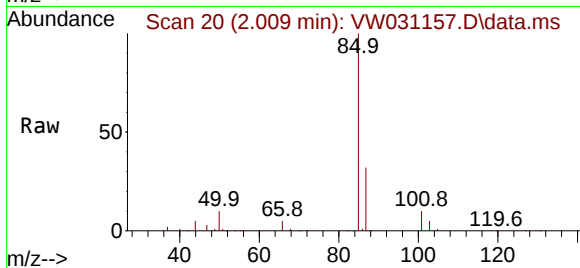
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Quant Title : SFAM01.0
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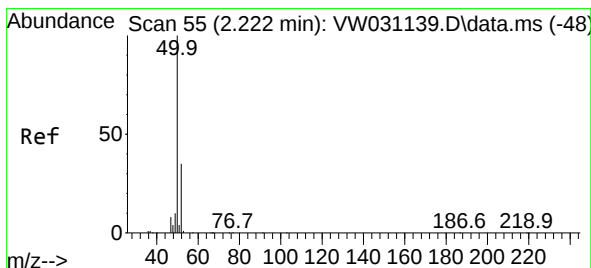
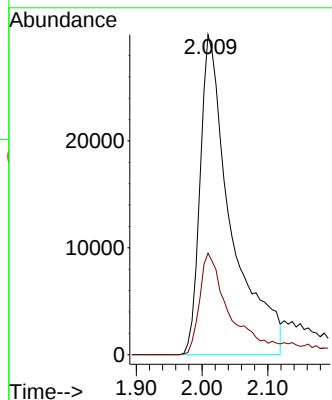
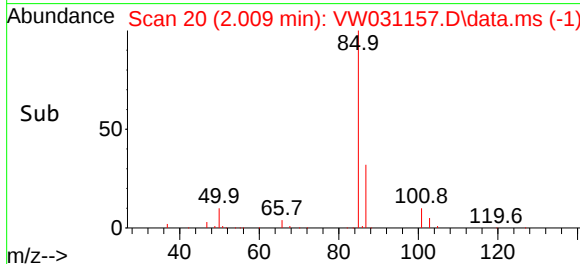


#2
Dichlorodifluoromethane
Concen: 20.950 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Instrument :
MSVOA_W
ClientSampleId :

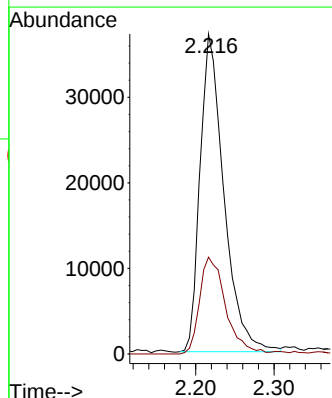
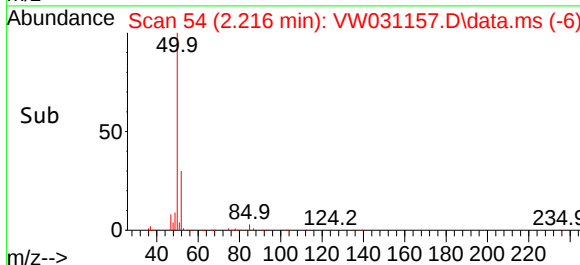
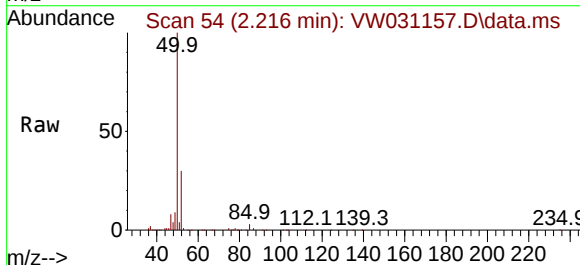


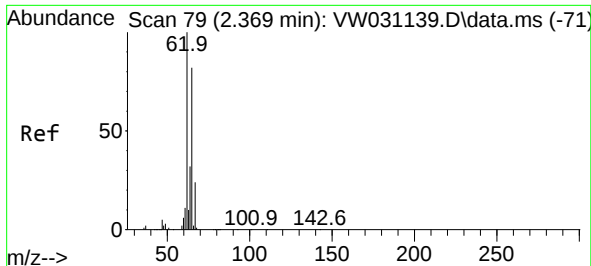
Tgt Ion: 85 Resp: 97547
Ion Ratio Lower Upper
85 100
87 30.3 23.8 35.6



#3
Chloromethane
Concen: 14.325 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 50 Resp: 78667
Ion Ratio Lower Upper
50 100
52 30.2 23.4 43.6

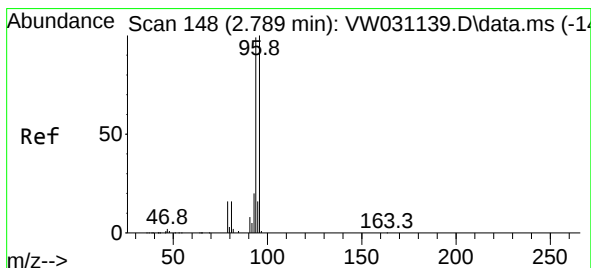
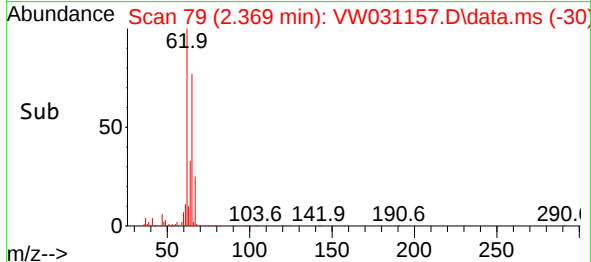
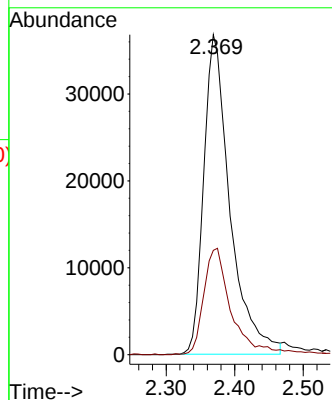
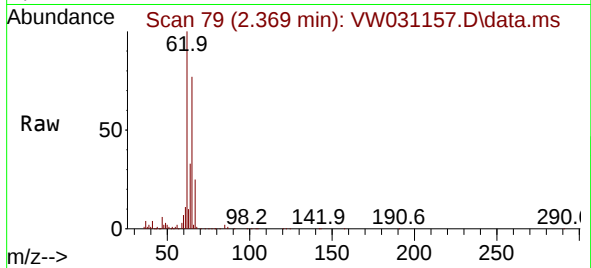




#5
 Vinyl chloride
 Concen: 14.851 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031157.D
 Acq: 06 Dec 2024 17:47

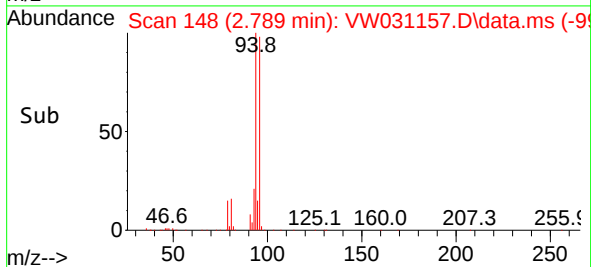
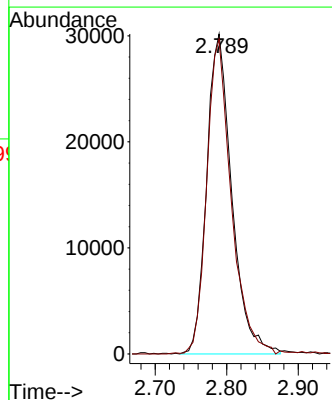
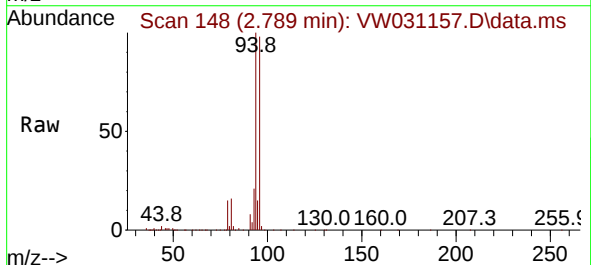
Instrument :
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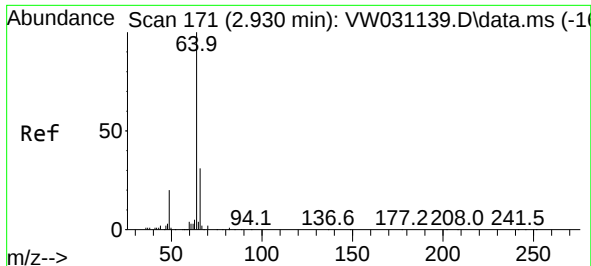
Tgt Ion: 62 Resp: 97966
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.1



#6
 Bromomethane
 Concen: 17.541 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031157.D
 Acq: 06 Dec 2024 17:47

Tgt Ion: 94 Resp: 73577
 Ion Ratio Lower Upper
 94 100
 96 85.7 62.6 116.3

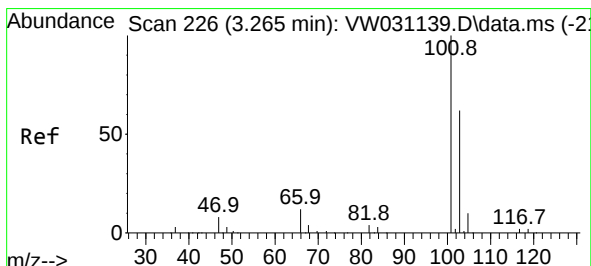
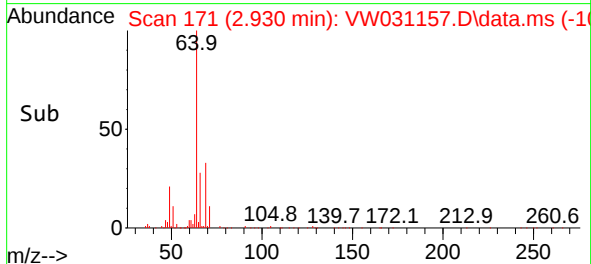
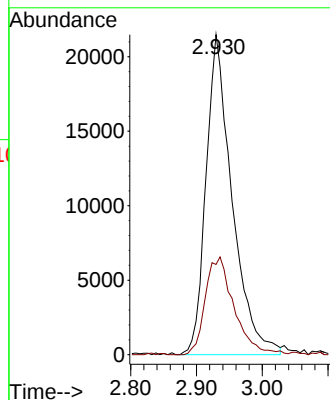
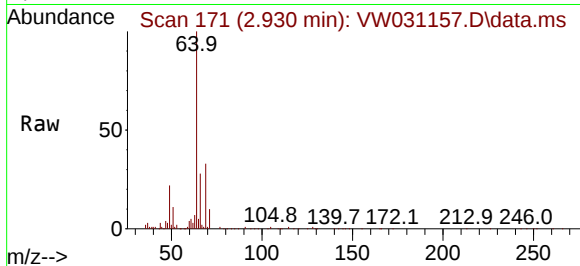




#8
Chloroethane
Concen: 15.027 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

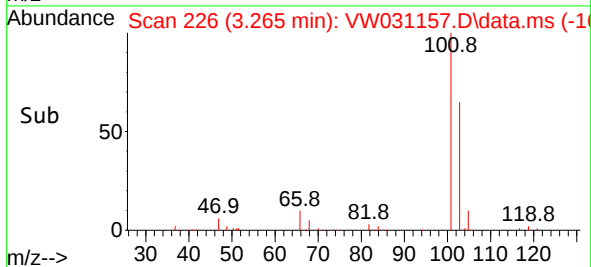
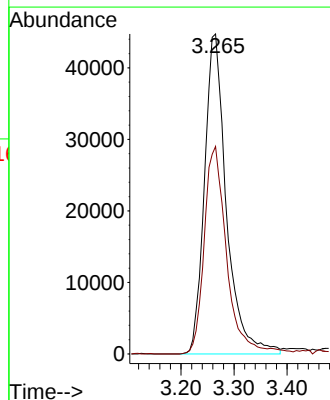
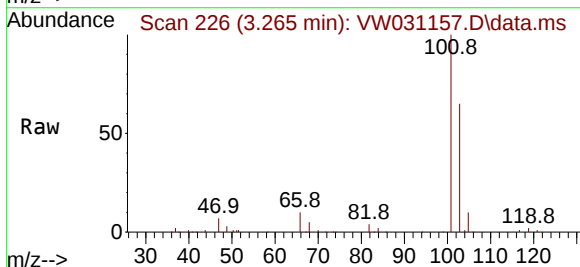
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MSVOA_W
ClientSampleId :

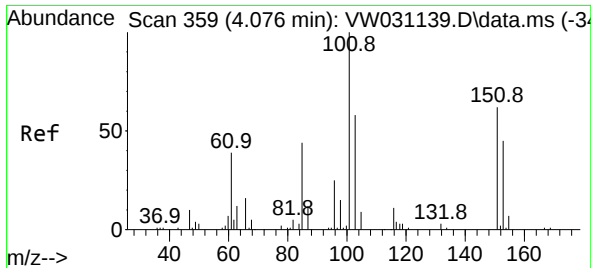
Tgt Ion: 64 Resp: 59291
Ion Ratio Lower Upper
64 100
66 28.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 18.553 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 101 Resp: 128772
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

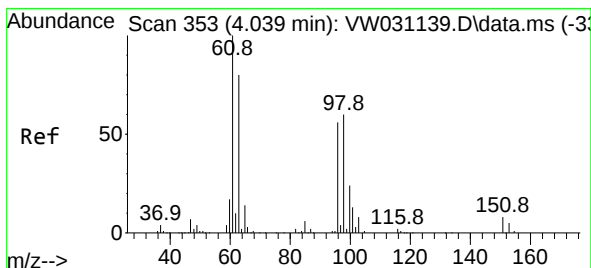
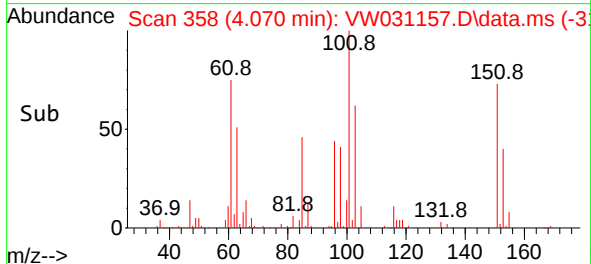
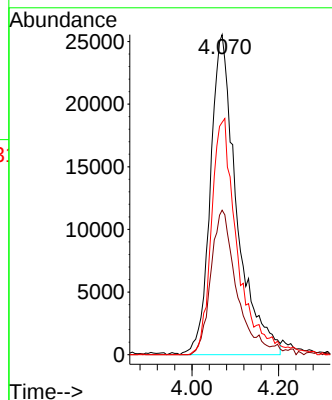
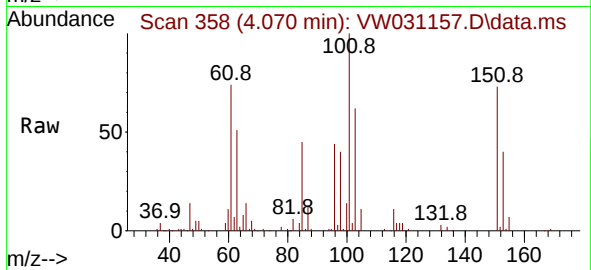




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.576 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031157.D
 Acq: 06 Dec 2024 17:47

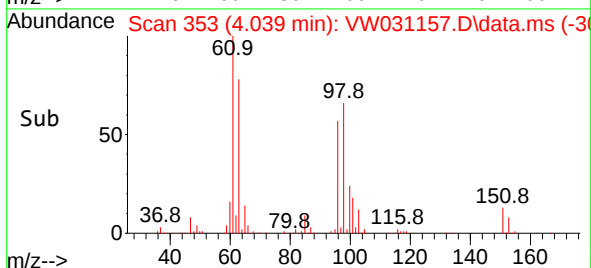
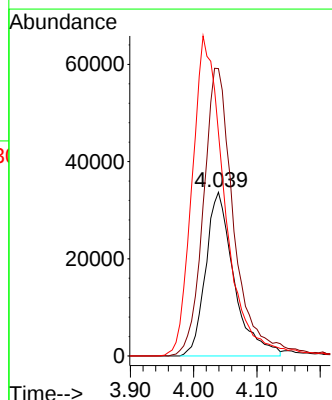
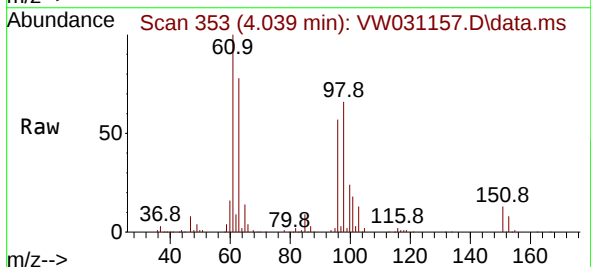
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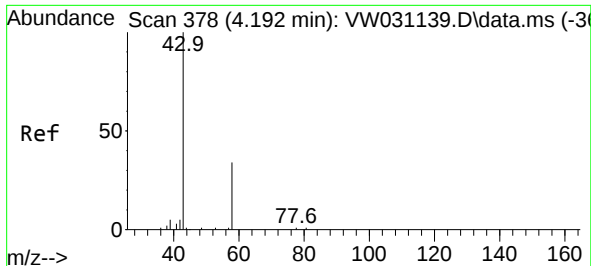
Tgt Ion:101 Resp: 108497
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.9 50.9
 151 66.7 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 20.035 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031157.D
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Tgt Ion: 96 Resp: 104913
 Ion Ratio Lower Upper
 96 100
 61 175.5 113.5 210.9
 63 136.4 73.8 137.2

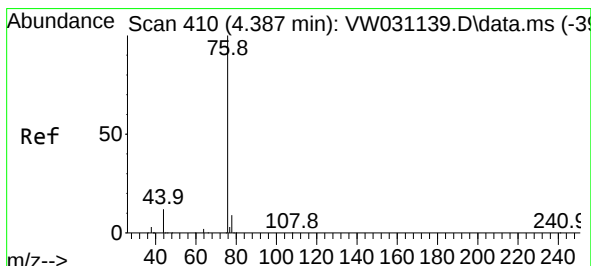
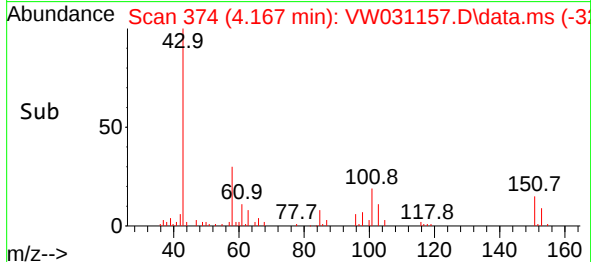
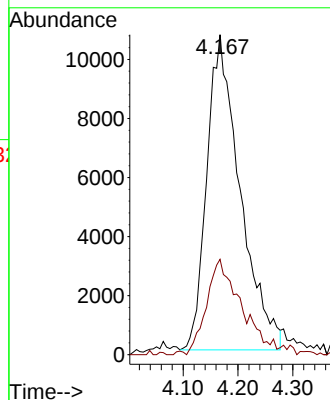
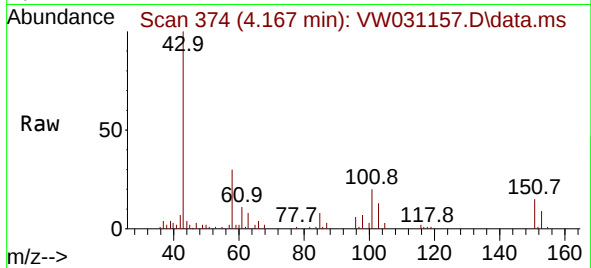




#13
Acetone
Concen: 25.187 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.024 min
Lab File: VW031157.D
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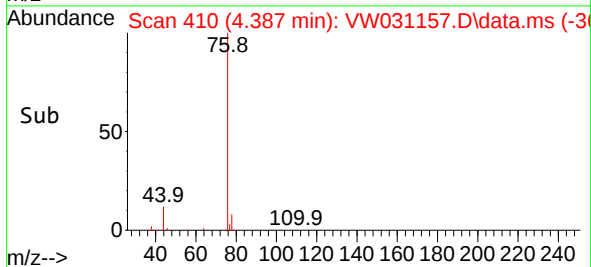
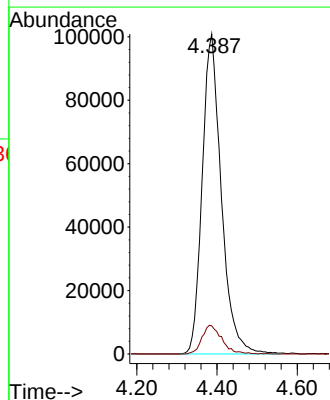
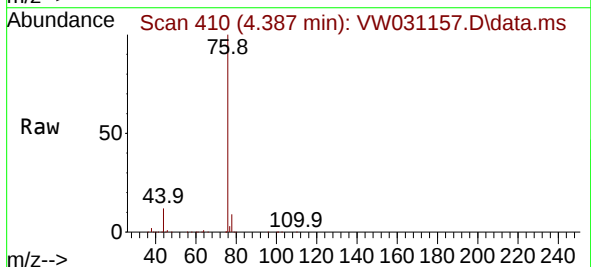
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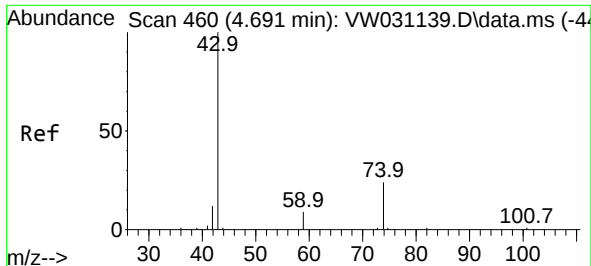
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Ion Ratio Lower Upper
43 100
58 21.3 0.0 67.2



#14
Carbon disulfide
Concen: 19.404 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 333215
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

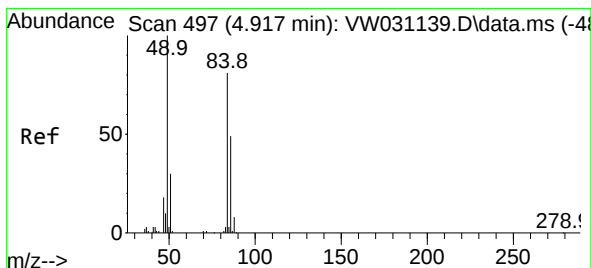
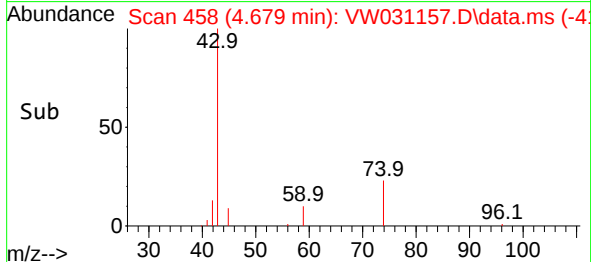
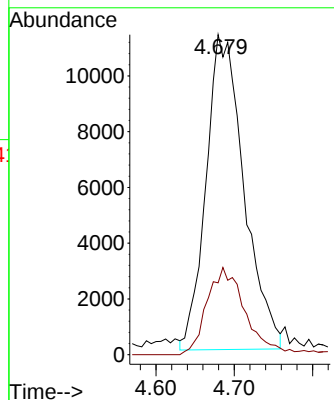
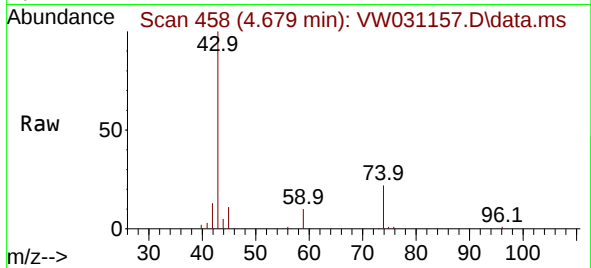




#15
Methyl Acetate
Concen: 20.277 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

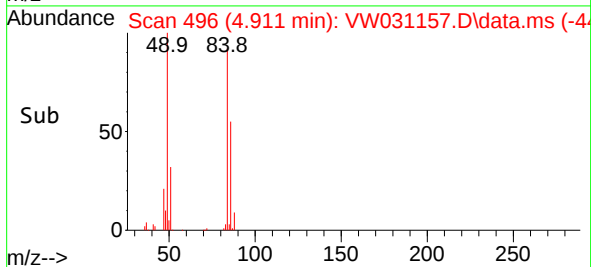
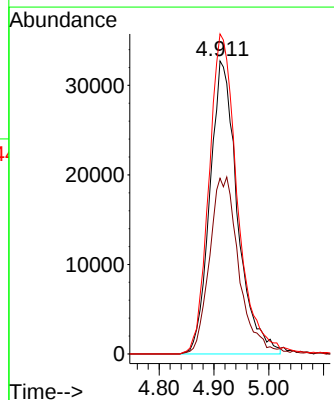
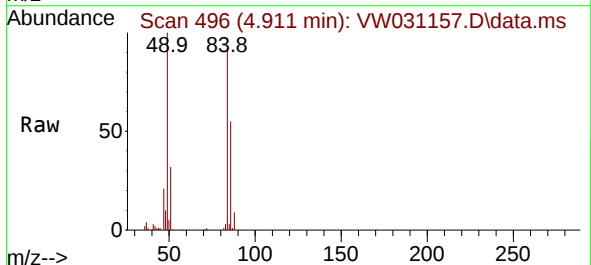
Instrument :
MSVOA_W
ClientSampleId :

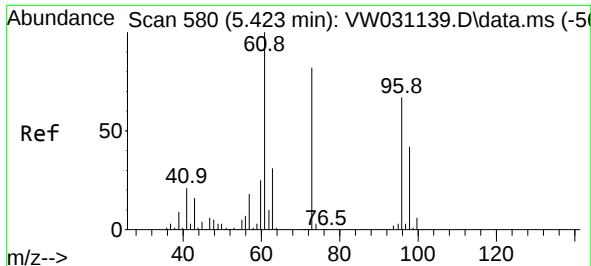
Tgt Ion: 43 Resp: 38013
Ion Ratio Lower Upper
43 100
74 15.6 20.8 31.2#



#16
Methylene chloride
Concen: 21.376 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 84 Resp: 114070
Ion Ratio Lower Upper
84 100
86 60.0 44.9 83.5
49 109.2 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 21.629 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :

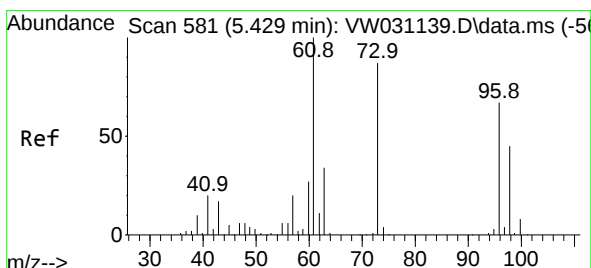
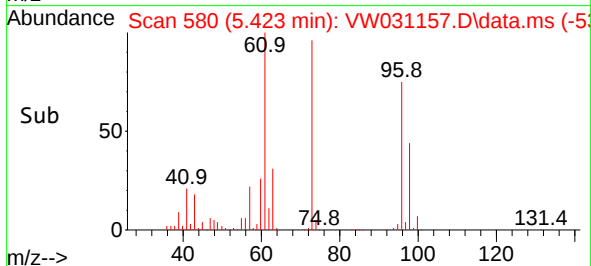
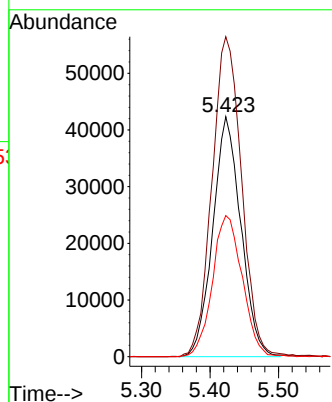
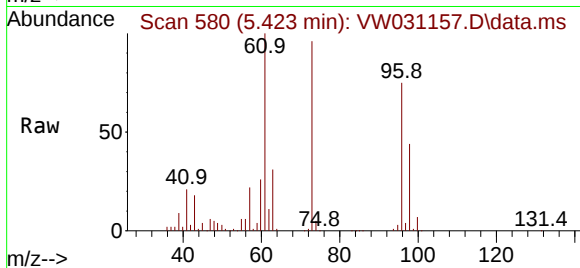
Tgt Ion: 96 Resp: 120396

Ion Ratio Lower Upper

96 100

61 133.3 92.7 172.3

98 58.8 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 24.630 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

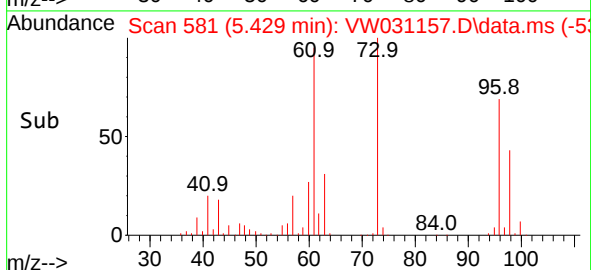
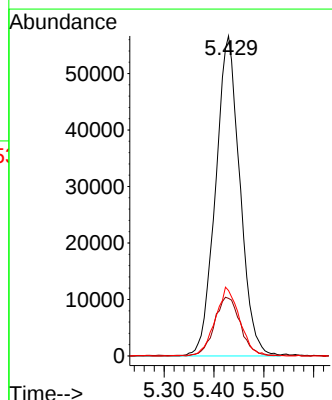
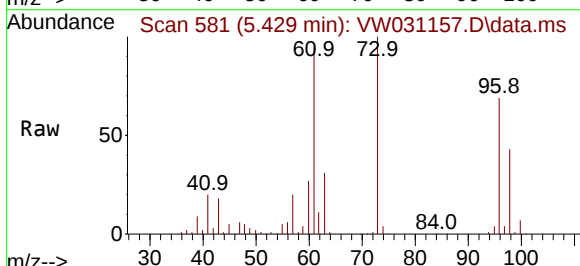
Tgt Ion: 73 Resp: 191801

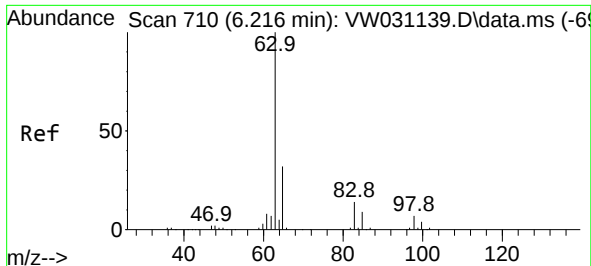
Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.0

57 21.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 21.929 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :

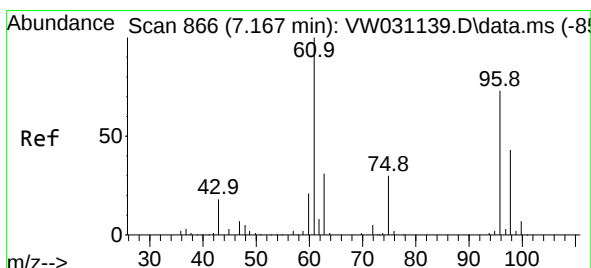
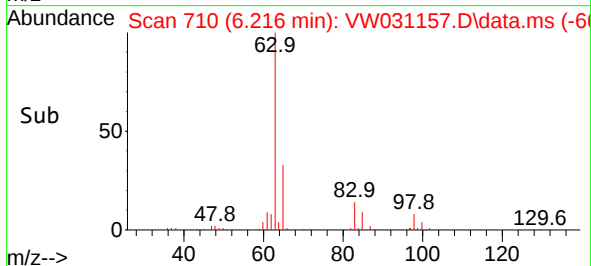
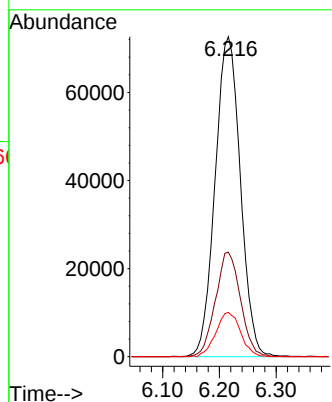
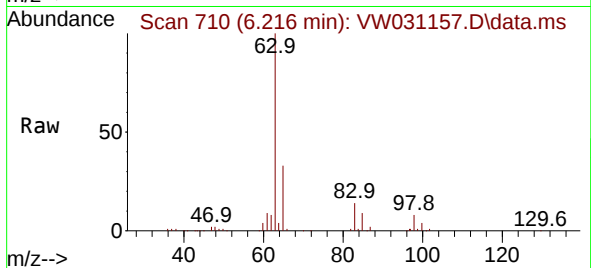
Tgt Ion: 63 Resp: 224508

Ion Ratio Lower Upper

63 100

65 32.6 21.7 40.3

83 13.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.129 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

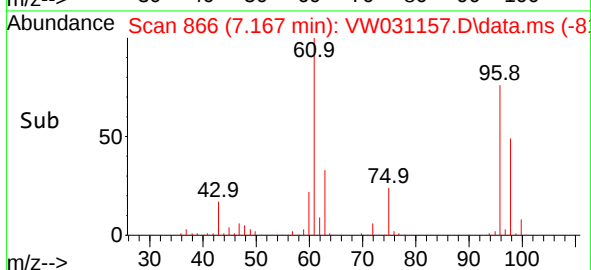
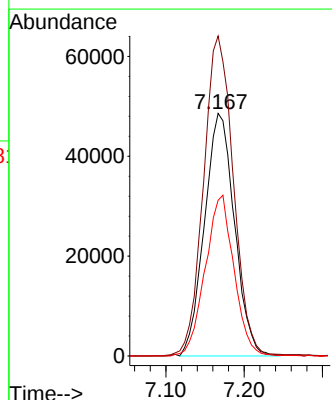
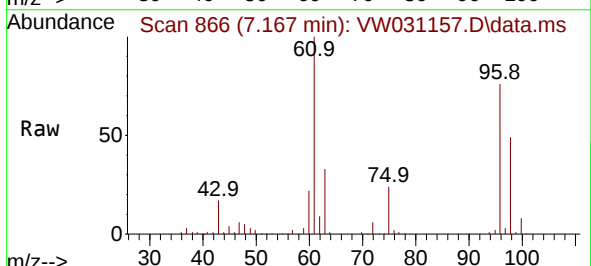
Tgt Ion: 96 Resp: 129380

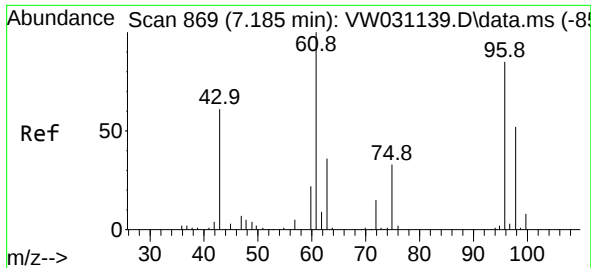
Ion Ratio Lower Upper

96 100

61 131.9 83.7 155.5

98 64.2 43.9 81.5

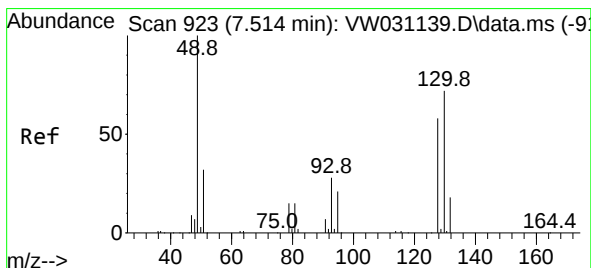
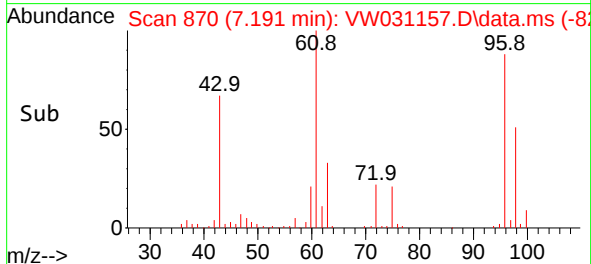
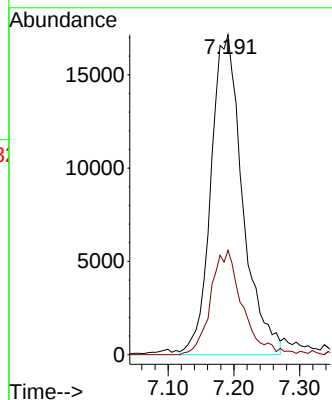
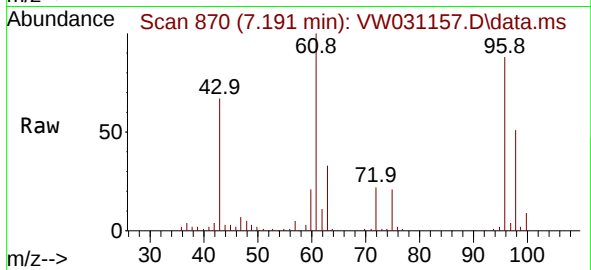




#22
2-Butanone
Concen: 34.196 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

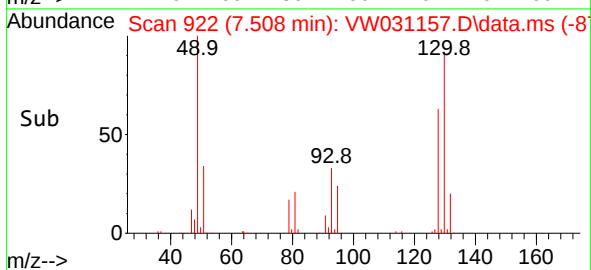
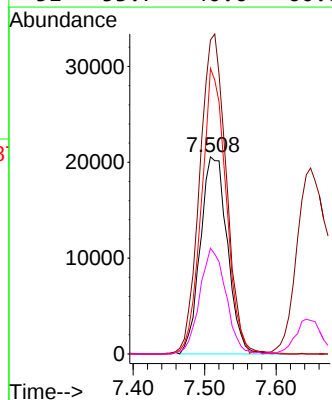
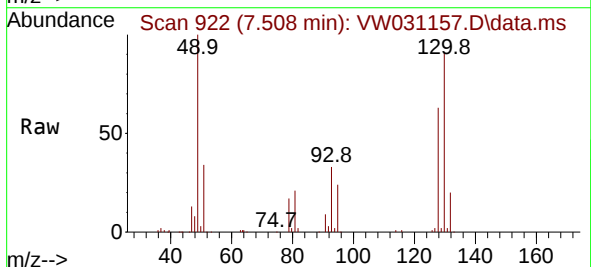
Instrument :
MSVOA_W
ClientSampleId :

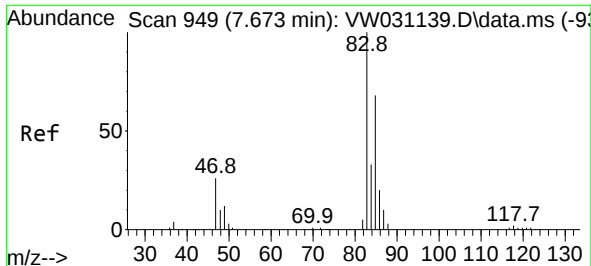
Tgt Ion: 43 Resp: 57415
Ion Ratio Lower Upper
43 100
72 31.1 14.9 44.7



#23
Bromochloromethane
Concen: 21.754 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 128 Resp: 54003
Ion Ratio Lower Upper
128 100
49 159.3 110.9 206.1
130 144.9 93.7 173.9
51 53.7 40.6 60.8

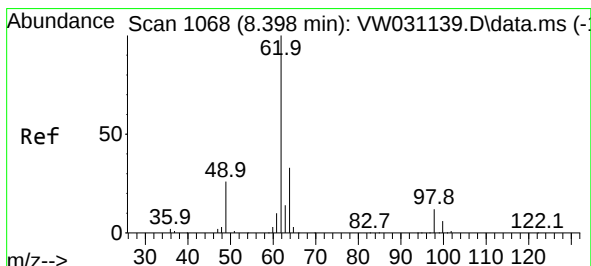
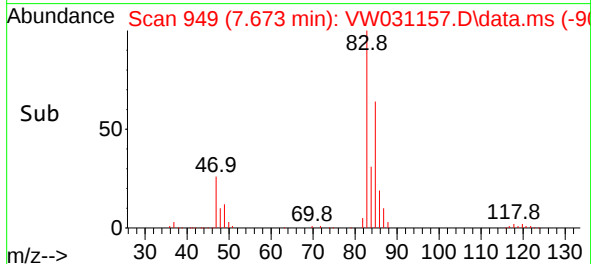
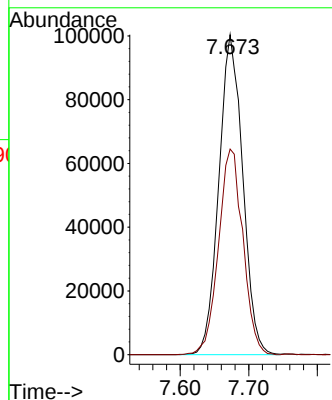
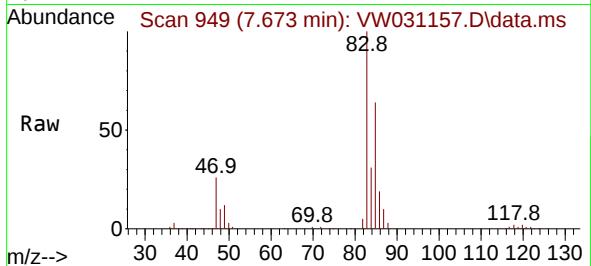




#25
Chloroform
Concen: 22.743 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

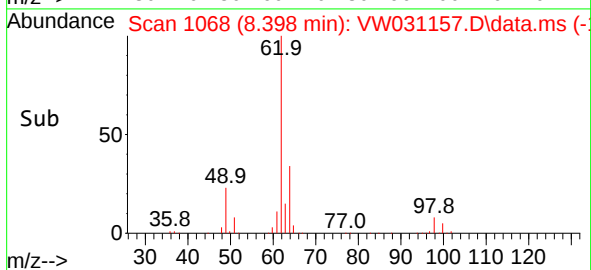
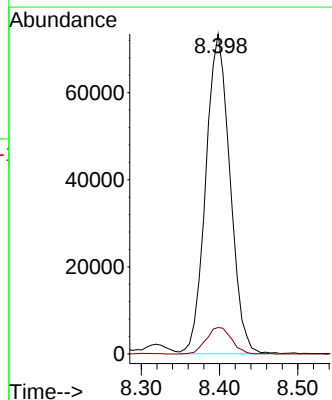
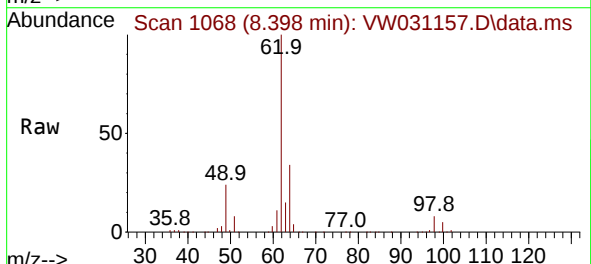
Instrument :
MSVOA_W
ClientSampleId :

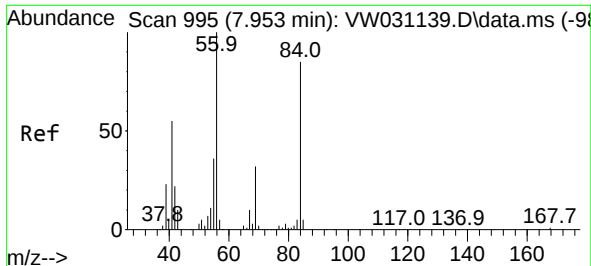
Tgt Ion: 83 Resp: 242179
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3



#27
1,2-Dichloroethane
Concen: 24.025 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 62 Resp: 157583
Ion Ratio Lower Upper
62 100
98 8.2 7.7 11.5





#29

Cyclohexane

Concen: 20.861 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

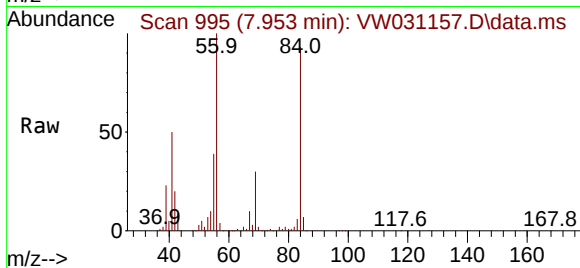
Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :



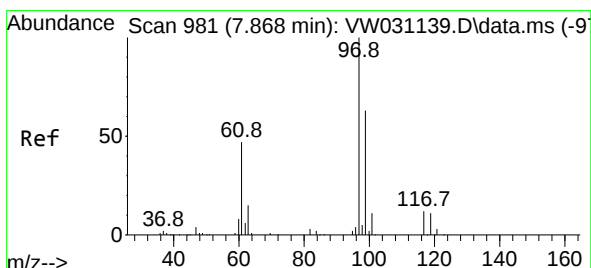
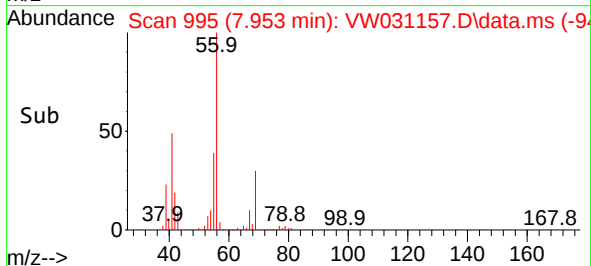
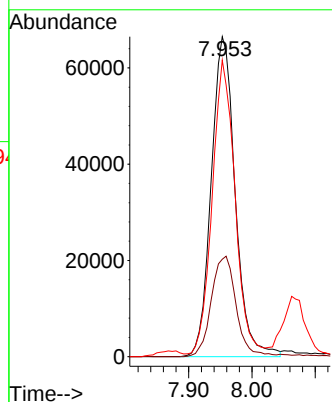
Tgt Ion: 56 Resp: 174642

Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.2

84 88.0 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 21.681 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

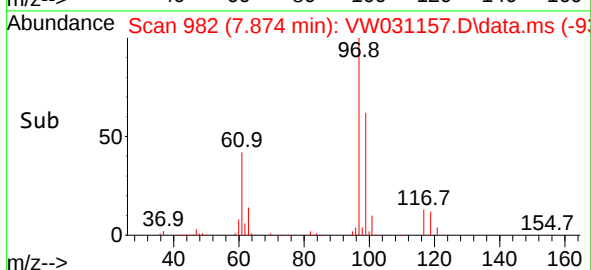
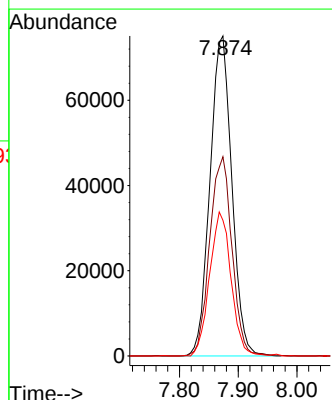
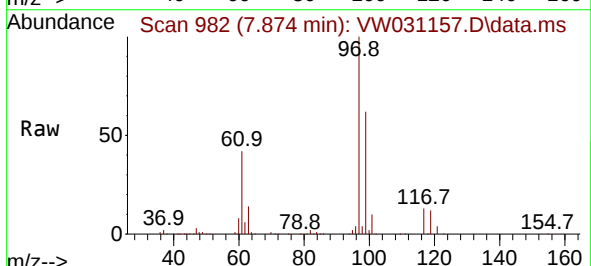
Tgt Ion: 97 Resp: 194230

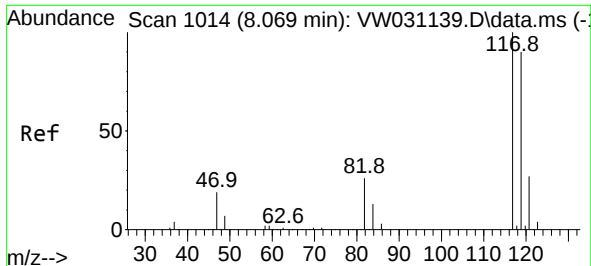
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

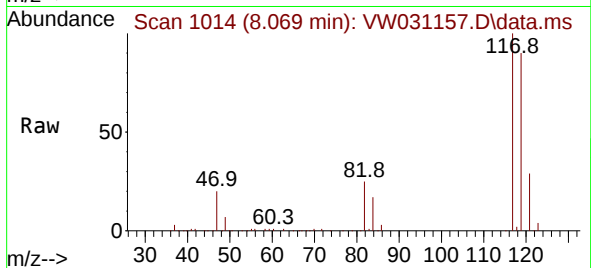
61 44.1 33.8 50.6



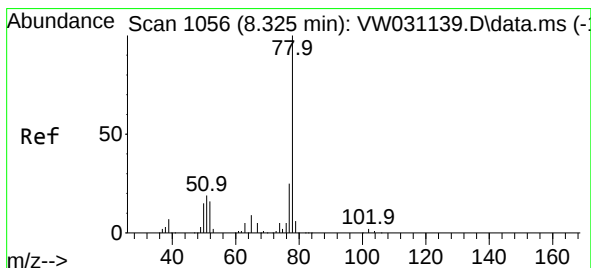
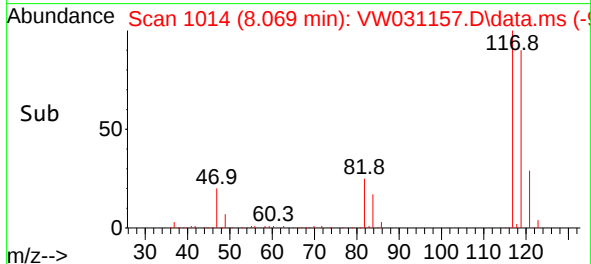
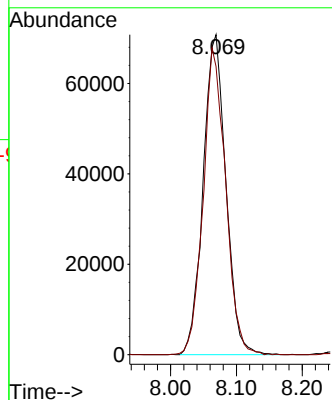


#31
Carbon tetrachloride
Concen: 20.797 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Instrument :
MSVOA_W
ClientSampleId :

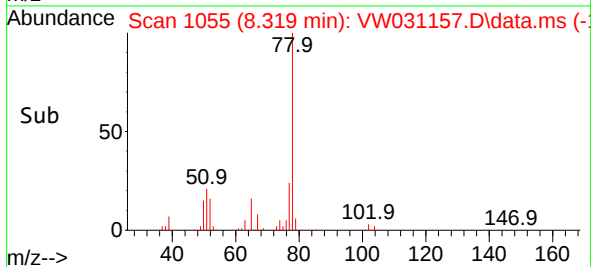
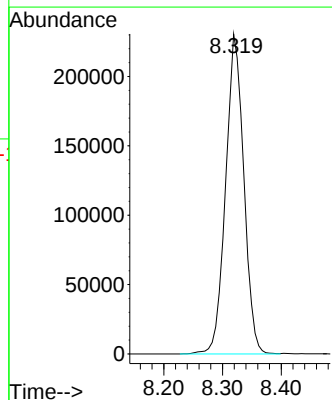
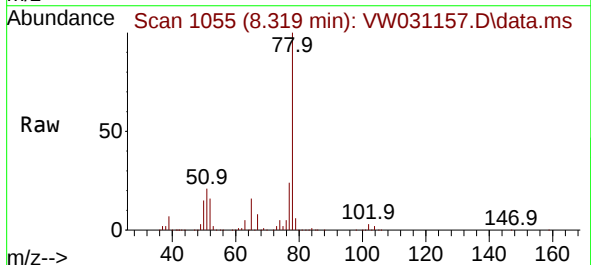


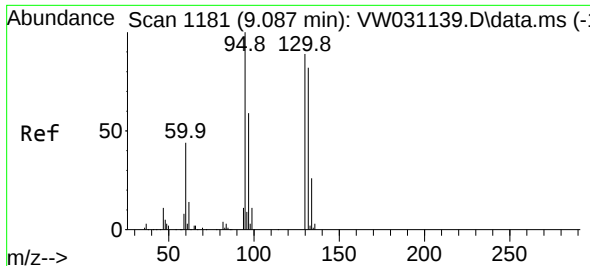
Tgt Ion:117 Resp: 170253
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8



#33
Benzene
Concen: 22.046 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

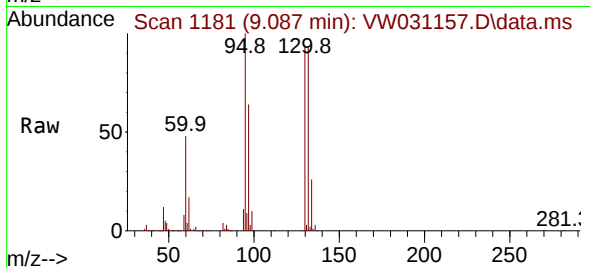
Tgt Ion: 78 Resp: 495832



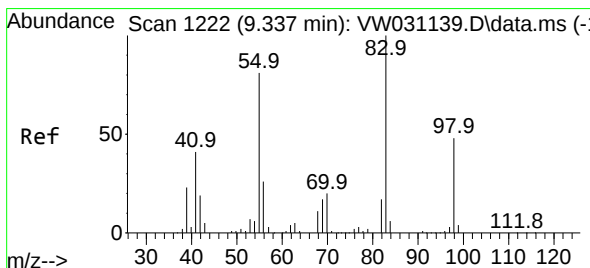
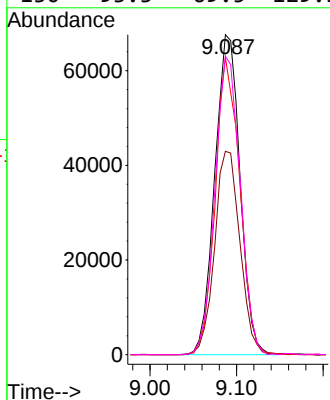
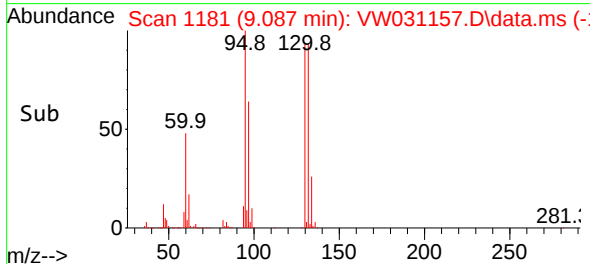


#34
Trichloroethene
Concen: 22.063 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

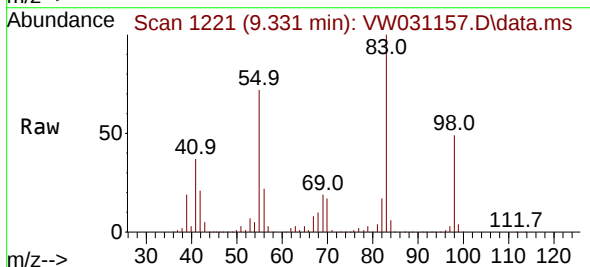
Instrument :
MSVOA_W
ClientSampleId :



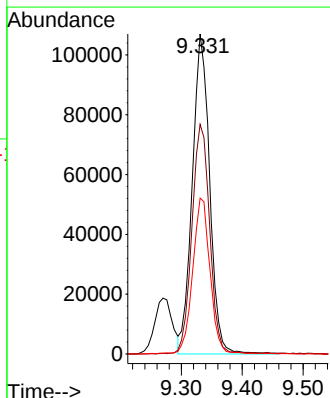
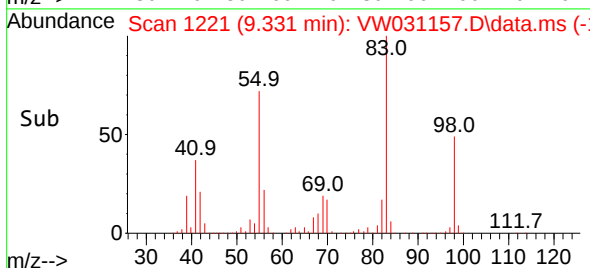
Tgt Ion: 95 Resp: 136874
Ion Ratio Lower Upper
95 100
97 63.6 48.0 89.2
132 92.9 67.4 125.2
130 93.3 69.5 129.1

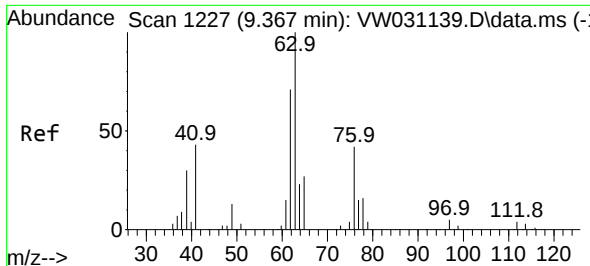


#35
Methylcyclohexane
Concen: 21.473 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47



Tgt Ion: 83 Resp: 211979
Ion Ratio Lower Upper
83 100
55 72.8 59.5 89.3
98 48.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 22.605 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

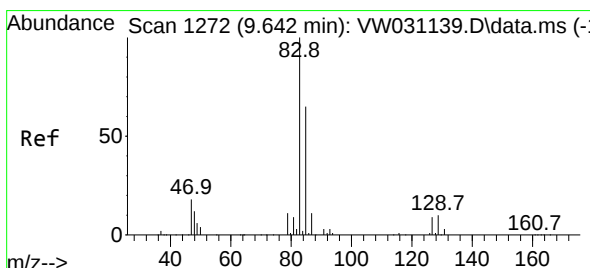
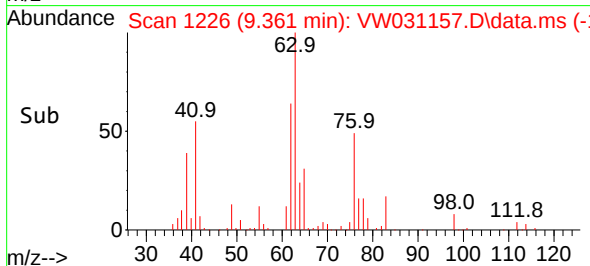
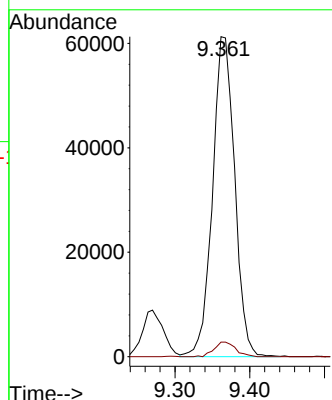
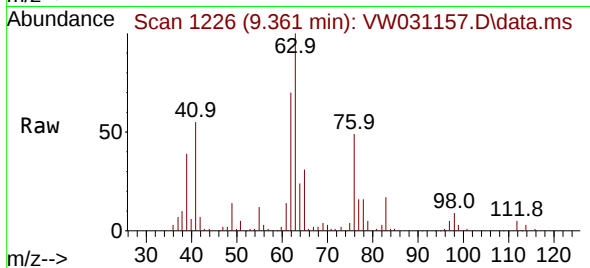
ClientSampleId :

Tgt Ion: 63 Resp: 126473

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 22.964 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

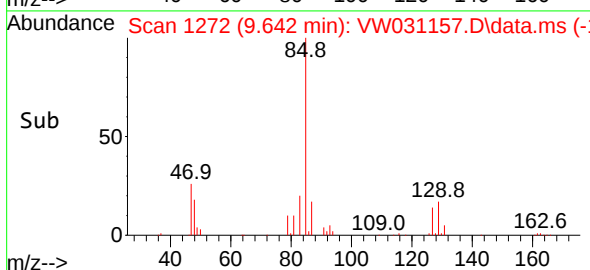
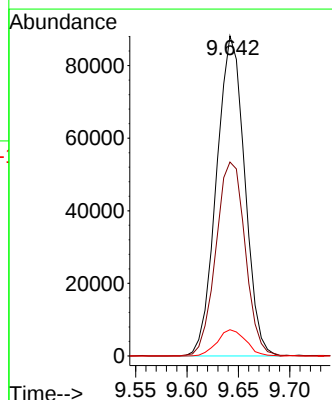
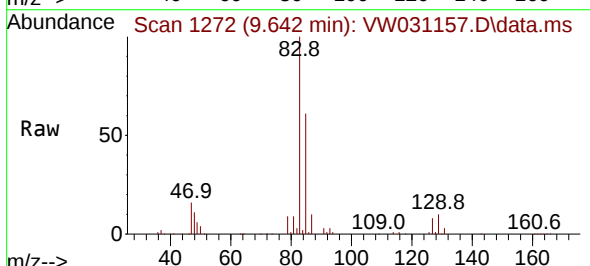
Tgt Ion: 83 Resp: 168171

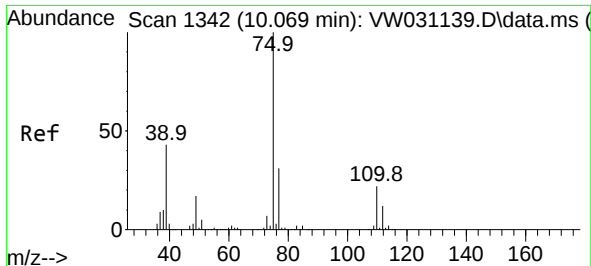
Ion Ratio Lower Upper

83 100

85 60.6 48.7 90.5

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 23.507 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

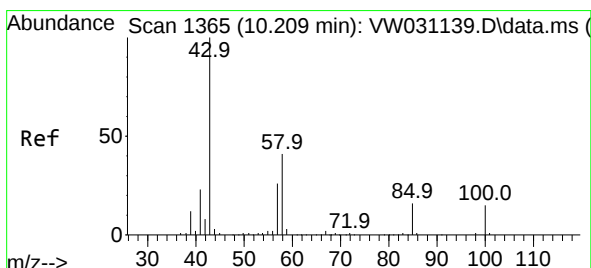
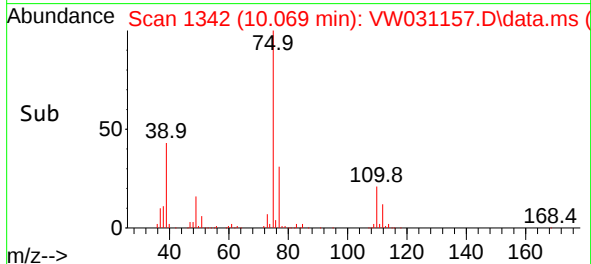
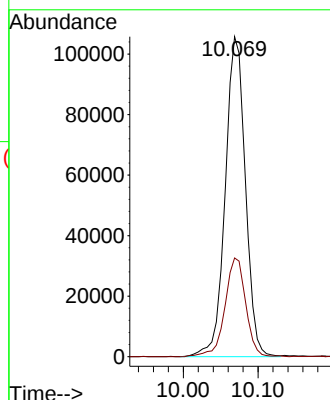
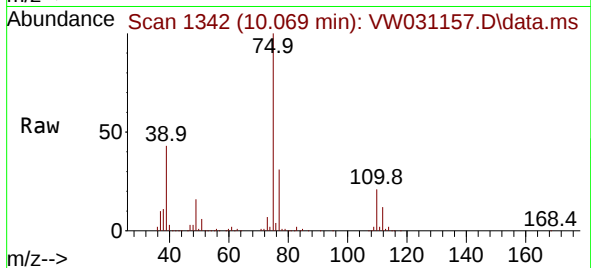
ClientSampleId :

Tgt Ion: 75 Resp: 198567

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 47.242 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

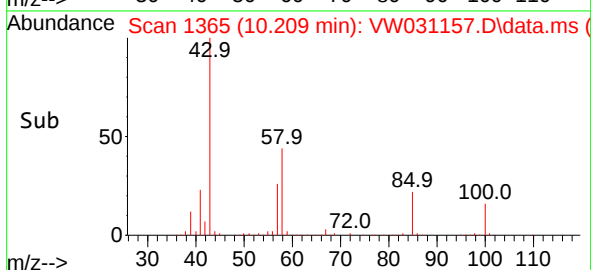
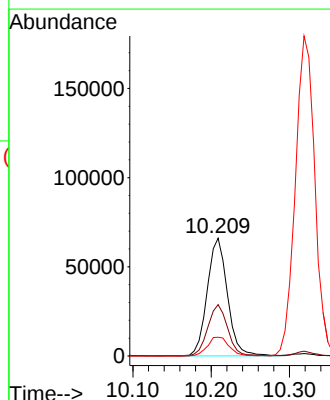
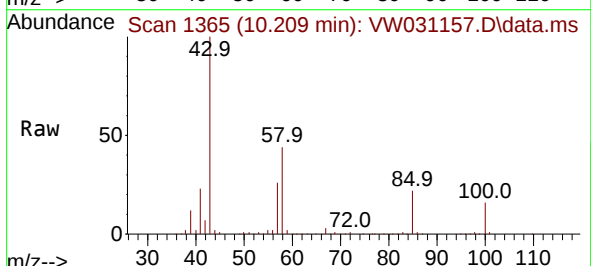
Tgt Ion: 43 Resp: 118360

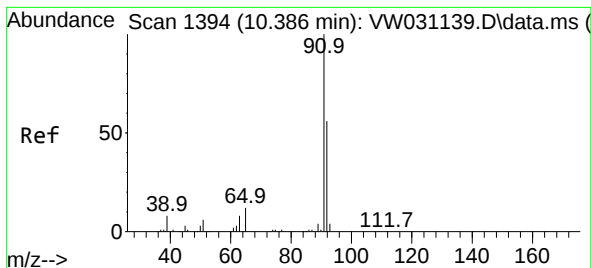
Ion Ratio Lower Upper

43 100

58 42.9 33.7 50.5

100 17.0 14.2 21.2





#42

Toluene

Concen: 22.483 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

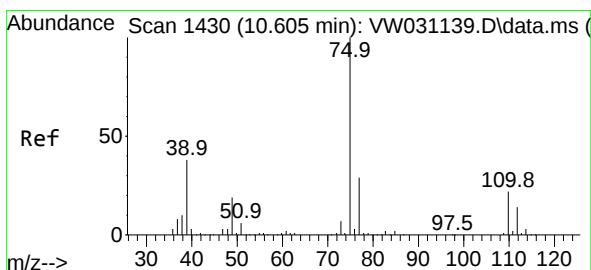
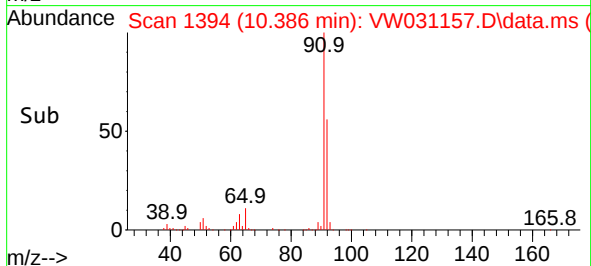
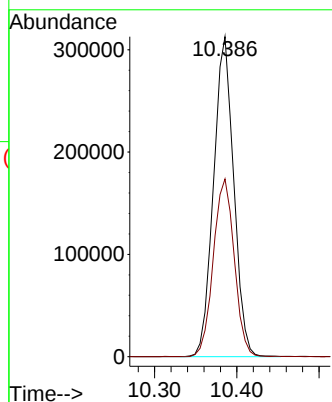
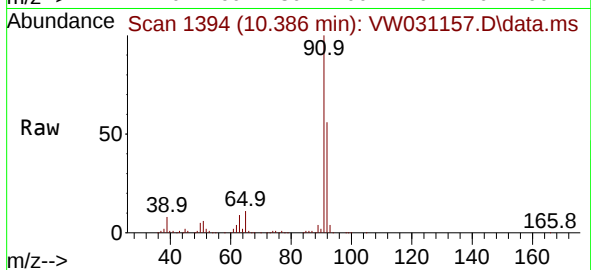
ClientSampleId :

Tgt Ion: 91 Resp: 532680

Ion Ratio Lower Upper

91 100

92 55.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.577 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031157.D

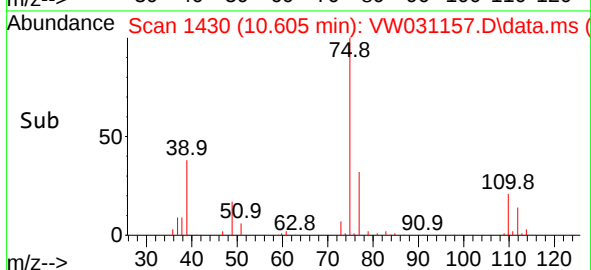
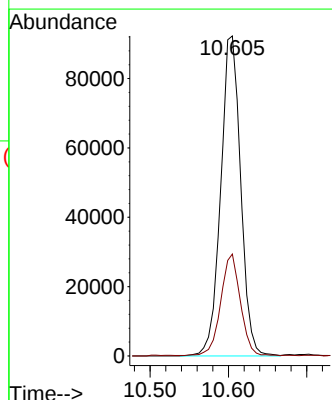
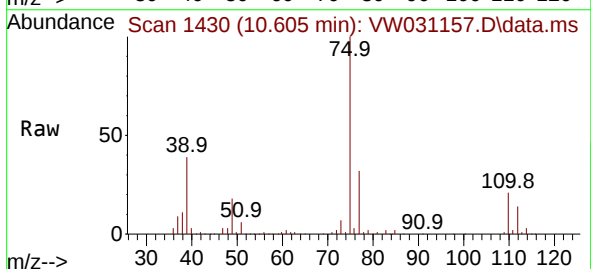
Acq: 06 Dec 2024 17:47

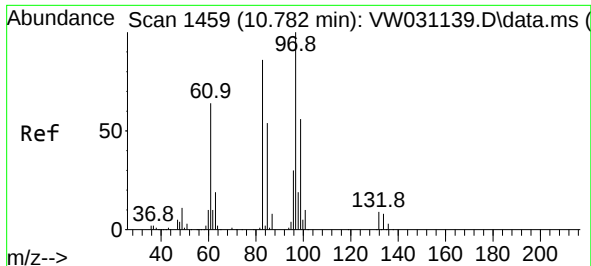
Tgt Ion: 75 Resp: 163736

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 23.489 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 90316

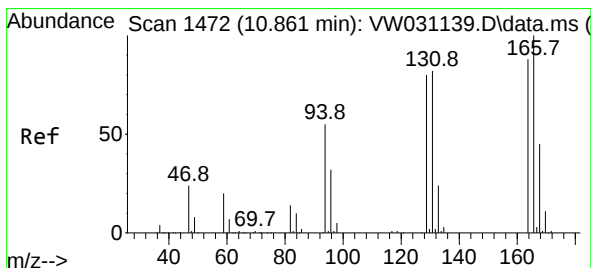
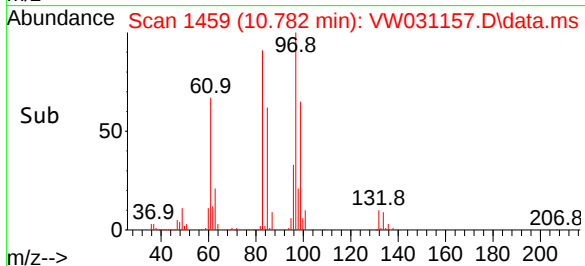
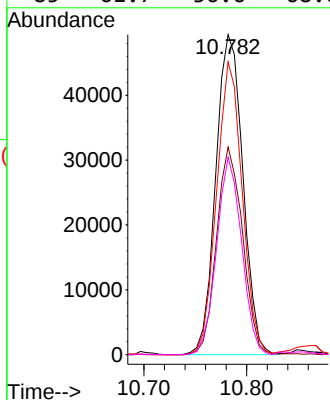
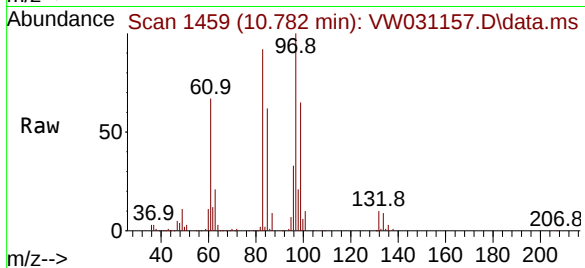
Ion Ratio Lower Upper

97 100

99 64.9 42.4 78.8

83 91.5 57.8 107.4

85 61.7 36.6 68.0



#46

Tetrachloroethene

Concen: 20.677 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Tgt Ion:164 Resp: 95095

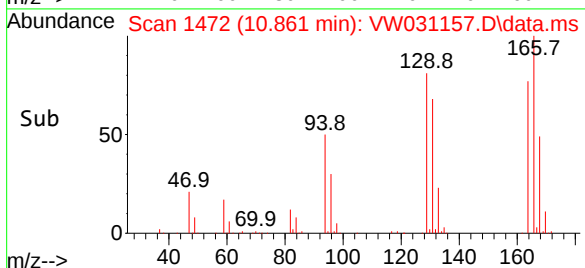
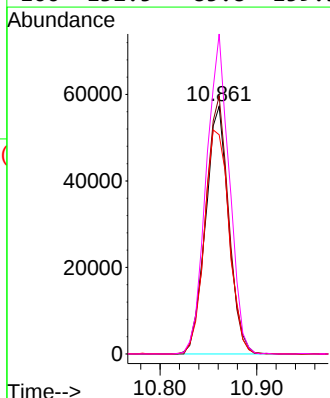
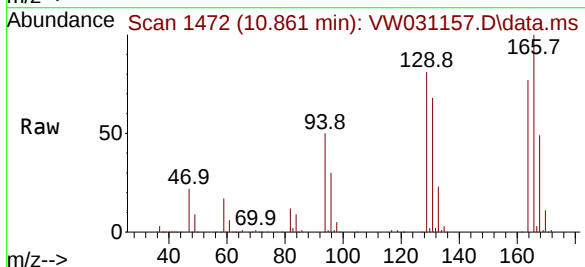
Ion Ratio Lower Upper

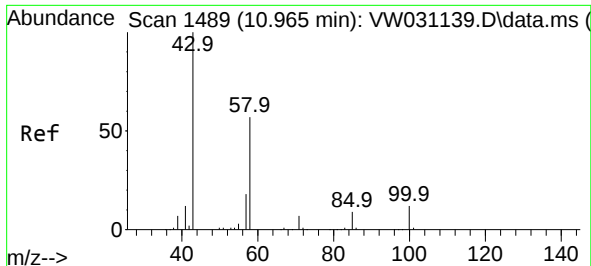
164 100

129 104.1 61.9 114.9

131 88.5 67.9 126.1

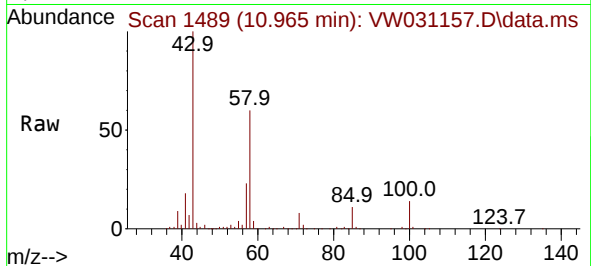
166 132.5 85.8 159.3



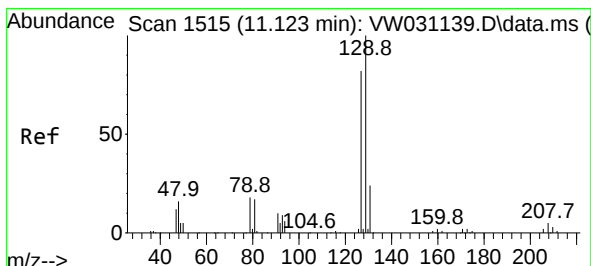
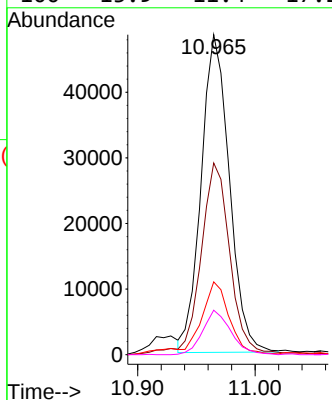
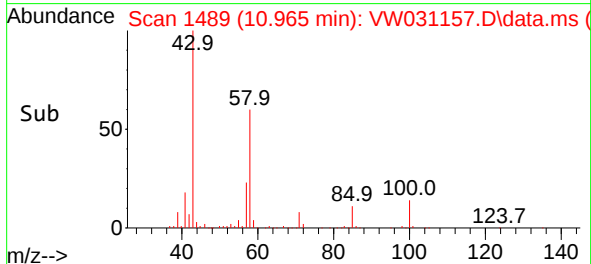


#48
2-Hexanone
Concen: 35.675 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

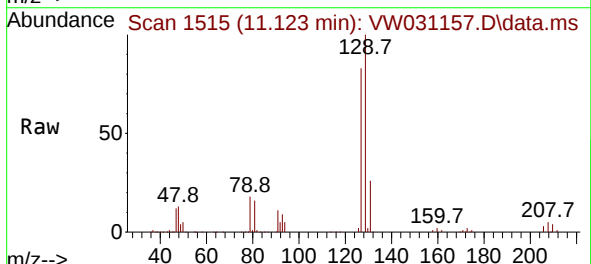
Instrument :
MSVOA_W
ClientSampleId :



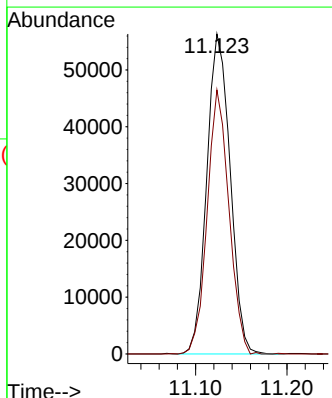
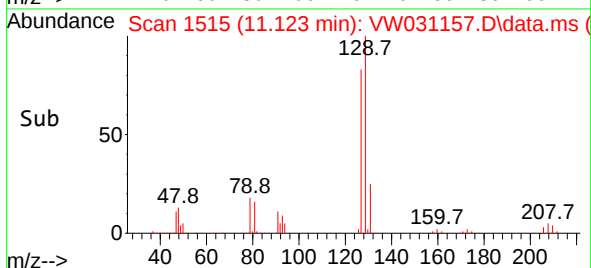
Tgt Ion:	43	Resp:	80864
Ion	Ratio	Lower	Upper
43	100		
58	60.8	49.8	74.6
57	22.1	16.6	24.8
100	13.9	11.4	17.2

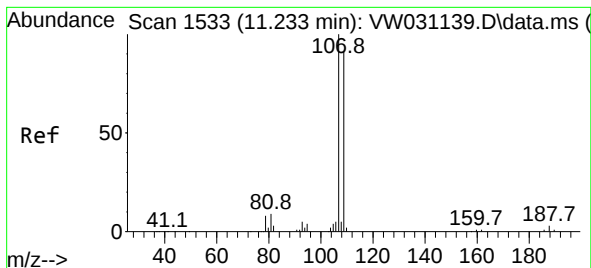


#49
Dibromochloromethane
Concen: 23.687 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47



Tgt Ion:	129	Resp:	100335
Ion	Ratio	Lower	Upper
129	100		
127	81.2	51.4	95.4

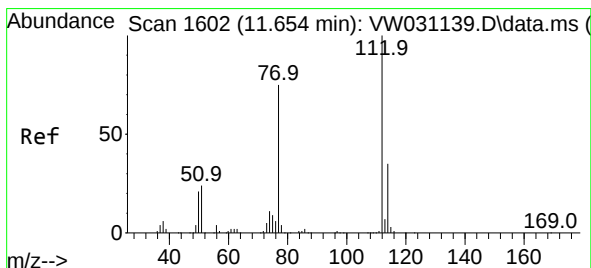
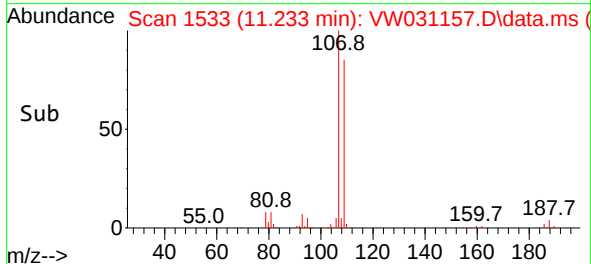
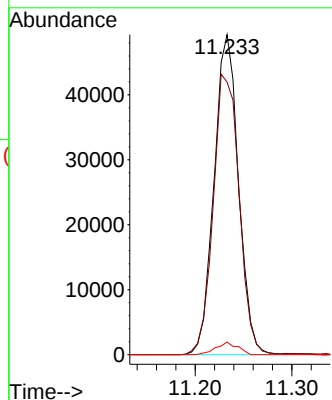
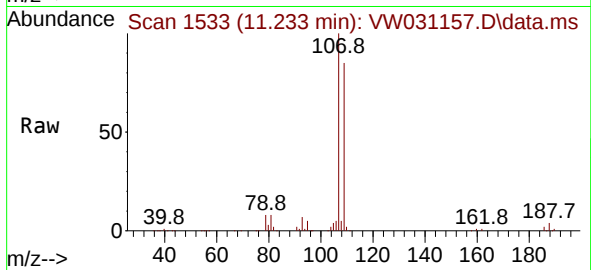




#50
1,2-Dibromoethane
Concen: 24.034 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

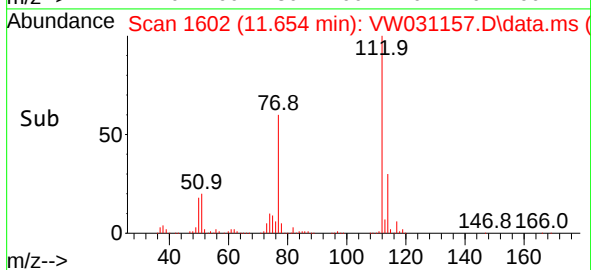
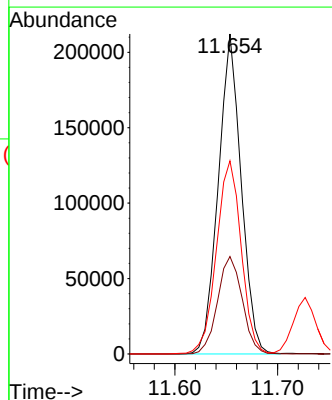
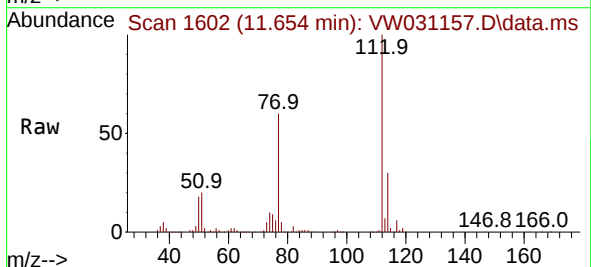
Instrument :
MSVOA_W
ClientSampleId :

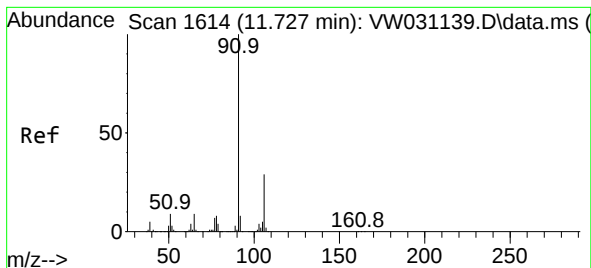
Tgt Ion:107 Resp: 86358
Ion Ratio Lower Upper
107 100
109 85.1 71.0 131.9
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 21.701 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion:112 Resp: 328199
Ion Ratio Lower Upper
112 100
114 30.4 21.2 39.4
77 60.4 45.4 68.0

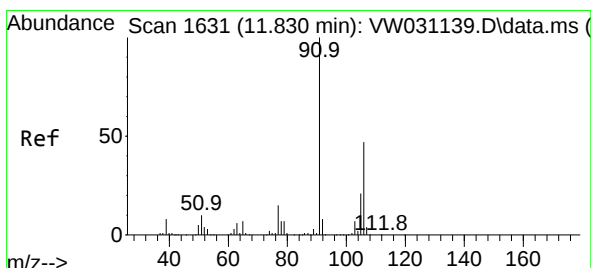
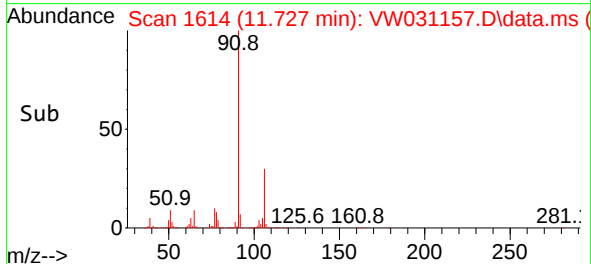
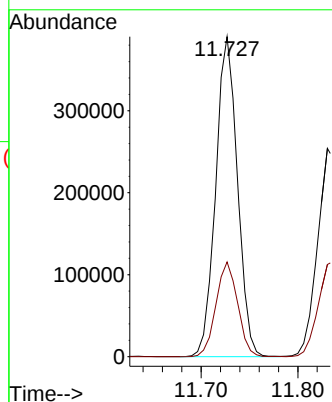
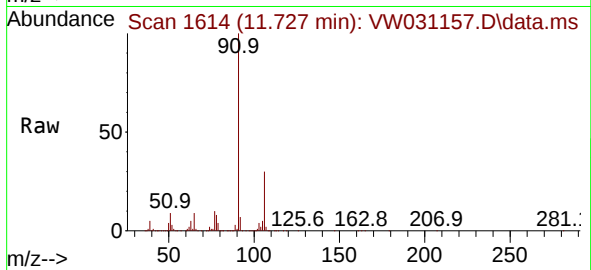




#52
Ethylbenzene
Concen: 22.680 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

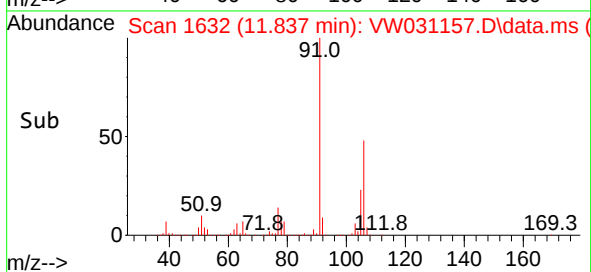
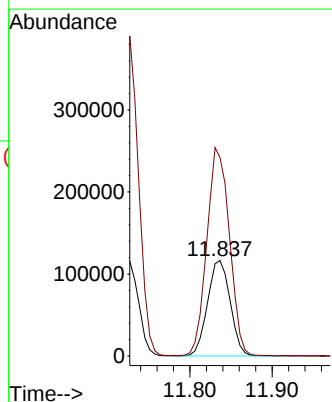
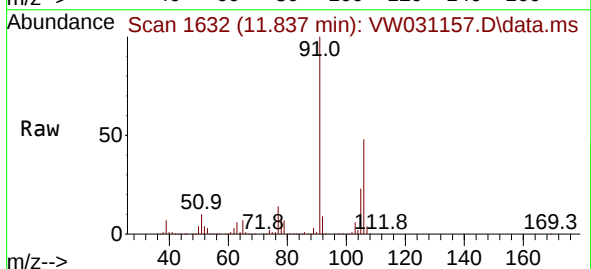
Instrument :
MSVOA_W
ClientSampleId :

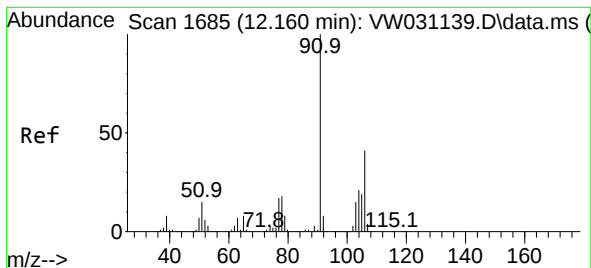
Tgt Ion: 91 Resp: 608906
Ion Ratio Lower Upper
91 100
106 29.6 21.3 39.5



#53
m,p-Xylene
Concen: 22.287 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion: 106 Resp: 222693
Ion Ratio Lower Upper
106 100
91 208.1 140.9 261.7





#54

o-Xylene

Concen: 22.894 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

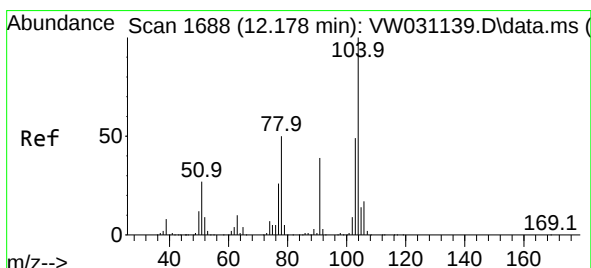
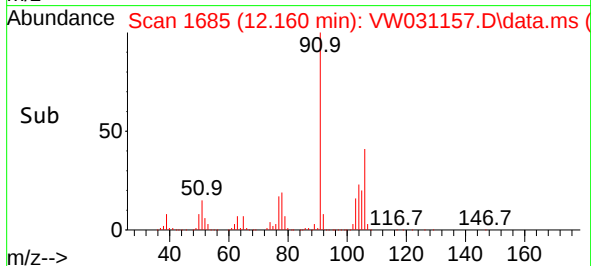
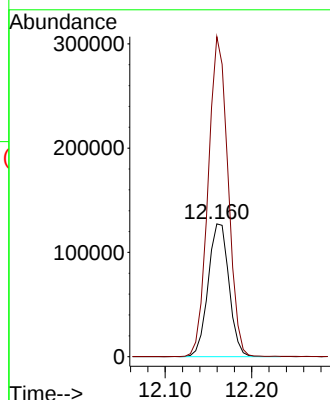
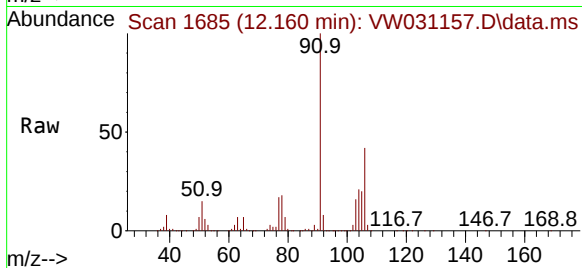
ClientSampleId :

Tgt Ion:106 Resp: 212813

Ion Ratio Lower Upper

106 100

91 240.9 152.7 283.5



#55

Styrene

Concen: 23.436 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031157.D

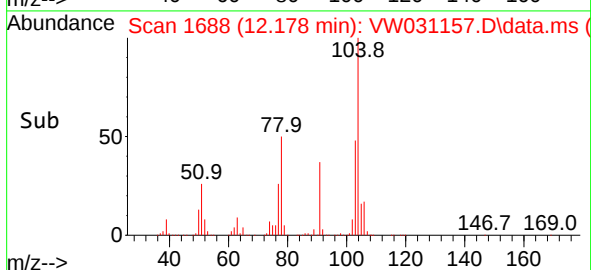
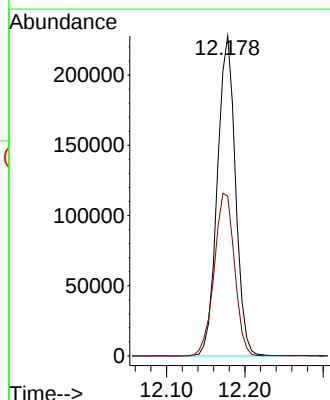
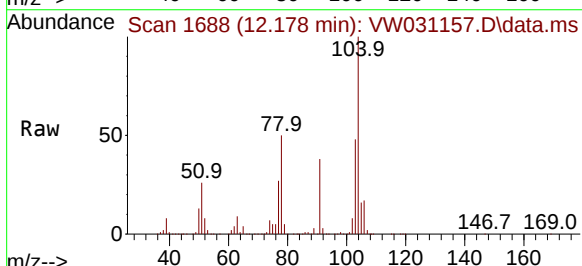
Acq: 06 Dec 2024 17:47

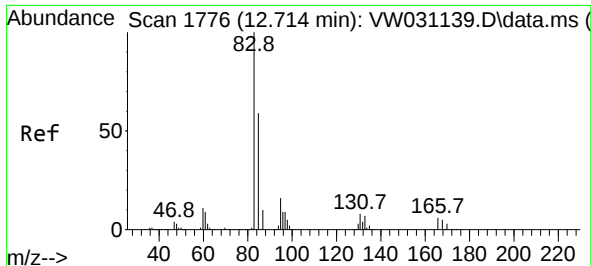
Tgt Ion:104 Resp: 366729

Ion Ratio Lower Upper

104 100

78 50.0 30.2 56.0





#57

1,1,2-Tetrachloroethane

Concen: 25.075 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :

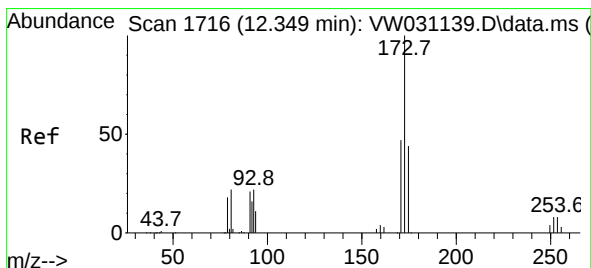
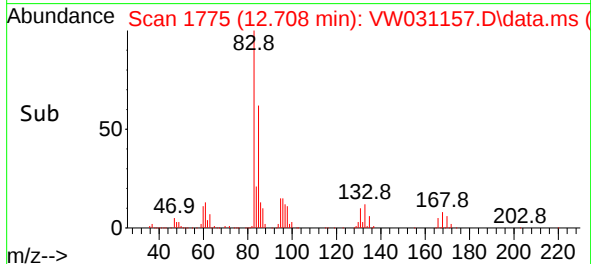
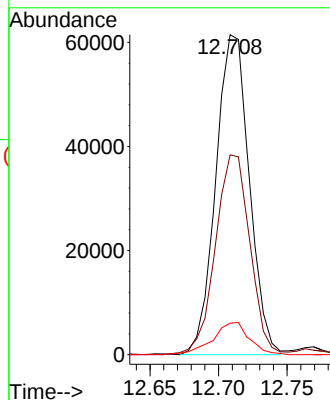
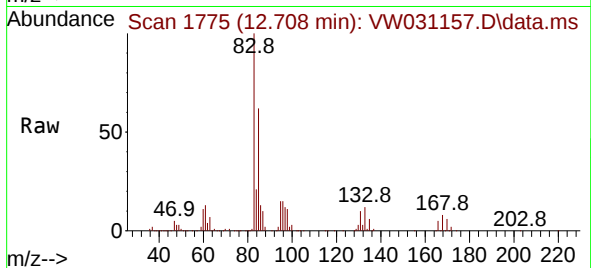
Tgt Ion: 83 Resp: 104448

Ion Ratio Lower Upper

83 100

85 62.4 48.3 89.7

131 9.9 8.9 13.3



#59

Bromoform

Concen: 23.572 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

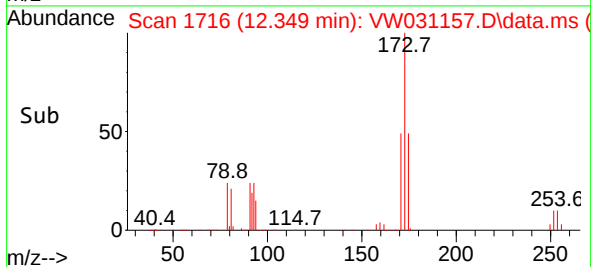
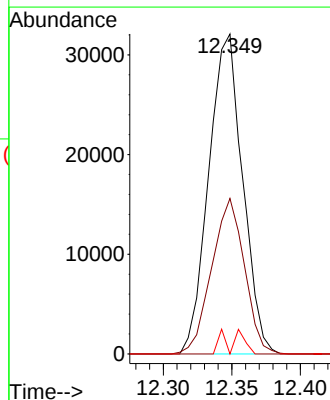
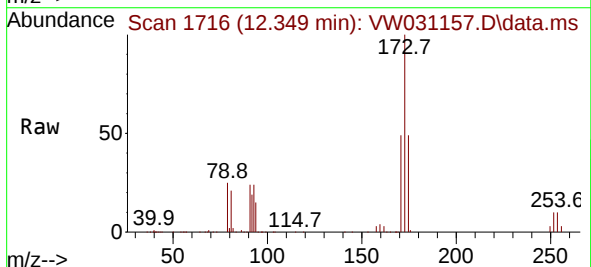
Tgt Ion:173 Resp: 55159

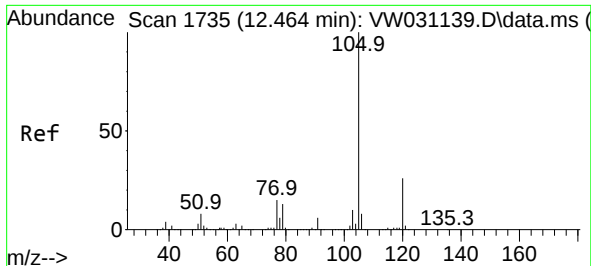
Ion Ratio Lower Upper

173 100

175 47.0 36.6 54.8

254 2.3 7.7 11.5#

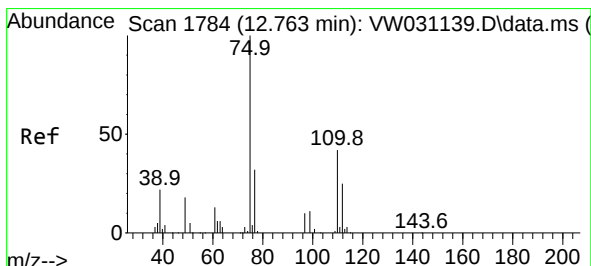
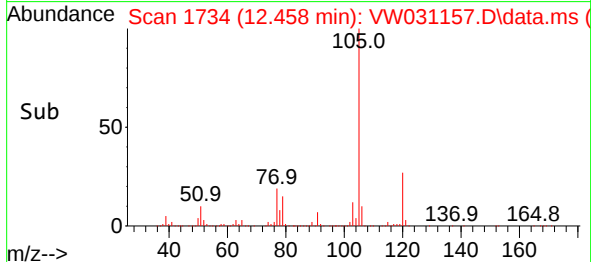
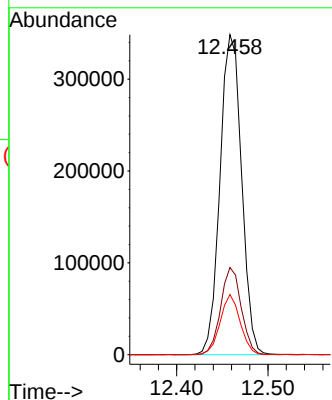
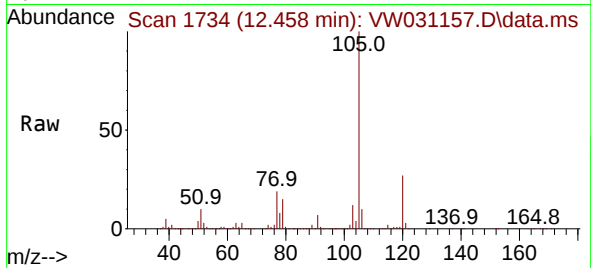




#60
Isopropylbenzene
Concen: 22.135 ug/L
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

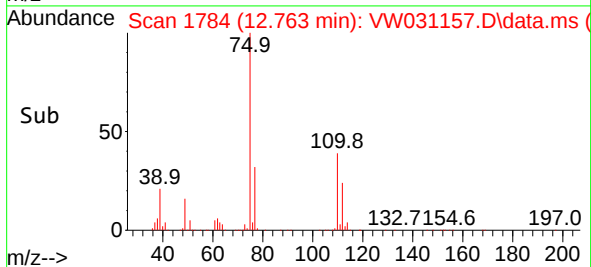
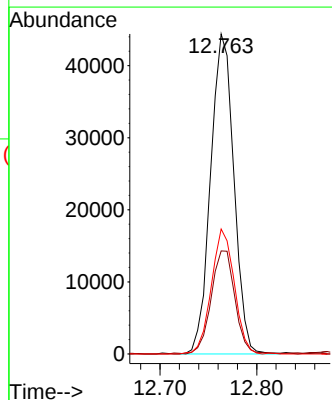
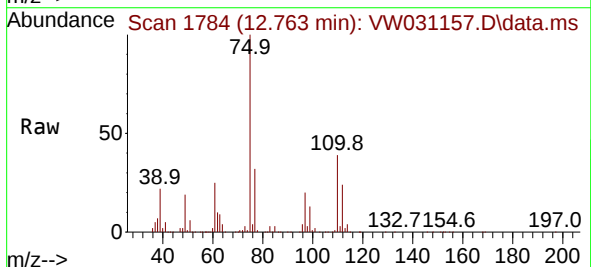
Instrument :
MSVOA_W
ClientSampleId :

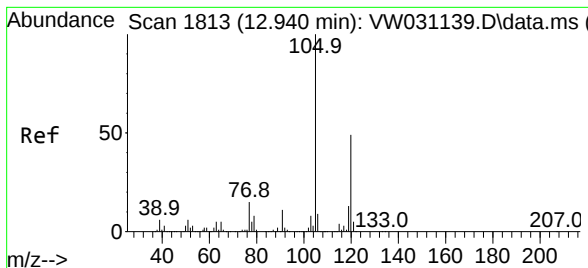
Tgt Ion:105 Resp: 572213
Ion Ratio Lower Upper
105 100
120 26.0 21.5 32.3
77 17.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 24.788 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

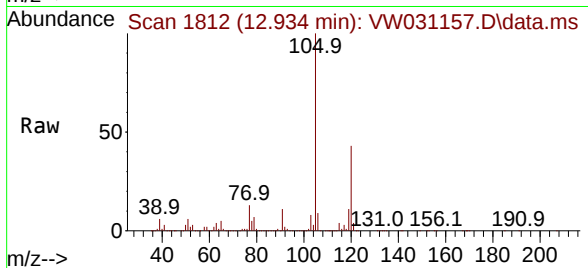
Tgt Ion: 75 Resp: 74171
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2
110 38.4 33.1 49.7



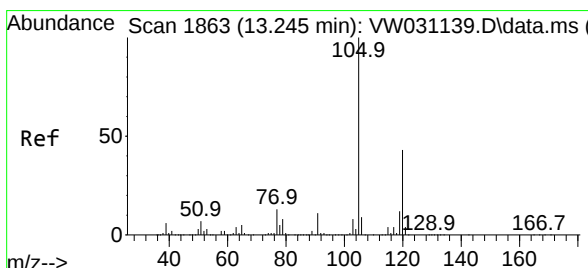
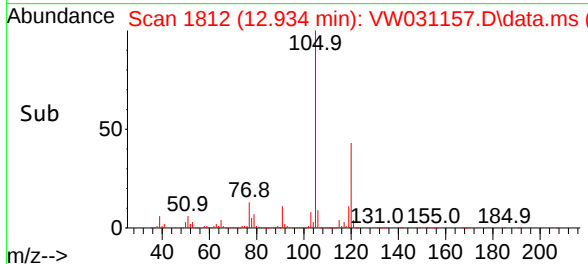
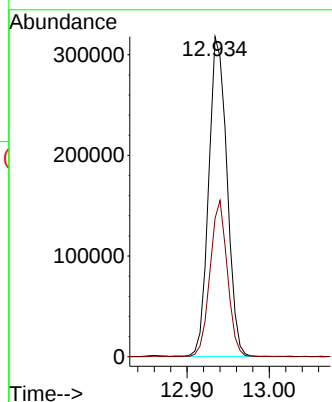


#62
 1,3,5-Trimethylbenzene
 Concen: 24.029 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031157.D
 Acq: 06 Dec 2024 17:47

Instrument :
 MSVOA_W
 ClientSampleId :

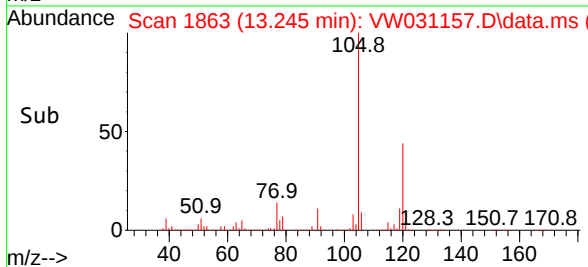
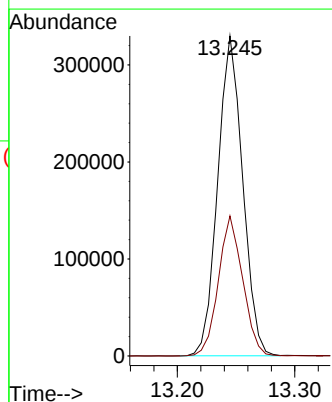
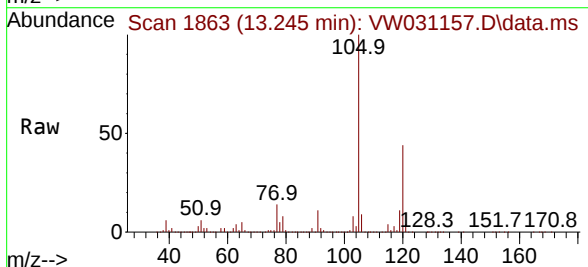


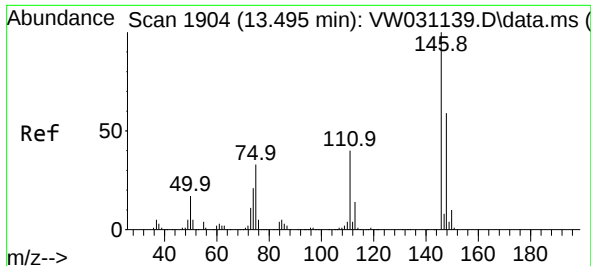
Tgt Ion:105 Resp: 489138
 Ion Ratio Lower Upper
 105 100
 120 46.4 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 24.350 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031157.D
 Acq: 06 Dec 2024 17:47

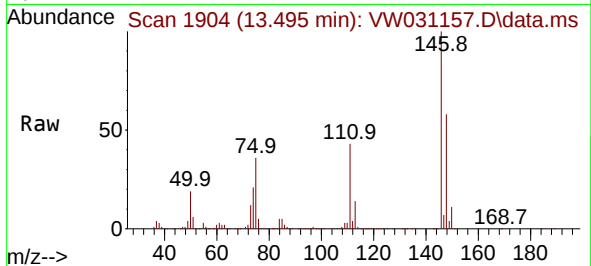
Tgt Ion:105 Resp: 486928
 Ion Ratio Lower Upper
 105 100
 120 42.6 35.4 53.0



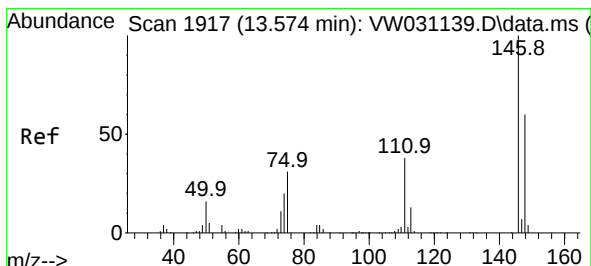
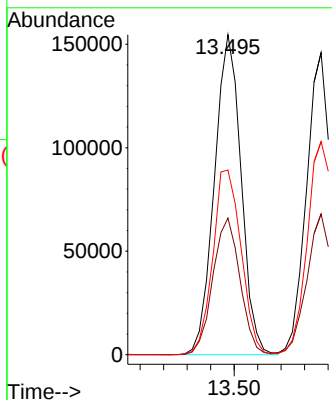
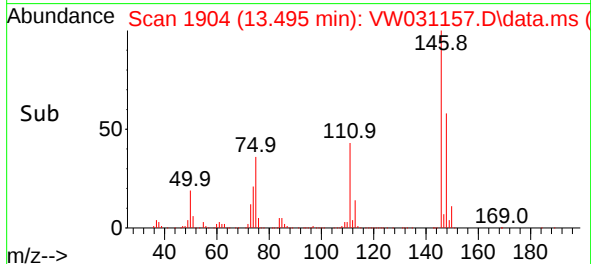


#64
1,3-Dichlorobenzene
Concen: 21.655 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

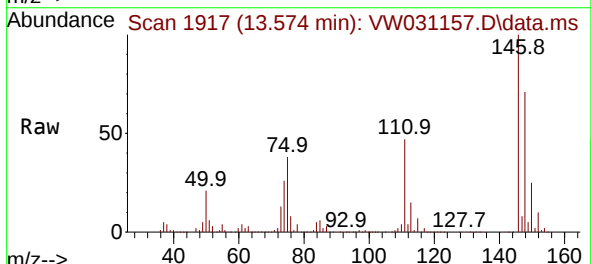
Instrument :
MSVOA_W
ClientSampleId :



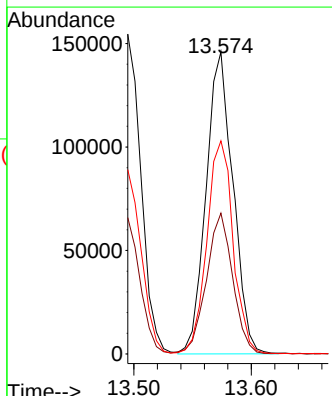
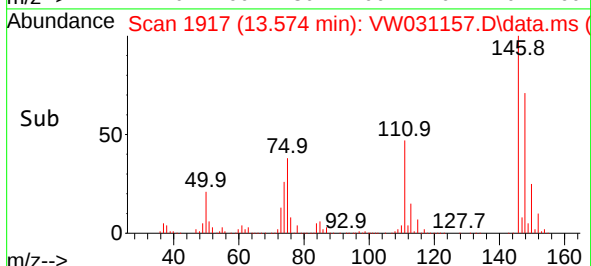
Tgt Ion:146 Resp: 244127
Ion Ratio Lower Upper
146 100
111 42.7 28.5 52.9
148 57.7 44.1 81.9

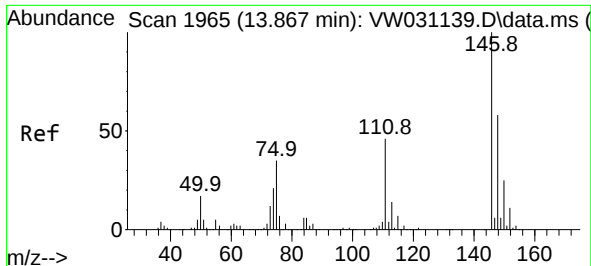


#65
1,4-Dichlorobenzene
Concen: 20.412 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47



Tgt Ion:146 Resp: 232450
Ion Ratio Lower Upper
146 100
111 46.6 26.6 49.4
148 70.6 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 21.937 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

Instrument :

MSVOA_W

ClientSampleId :

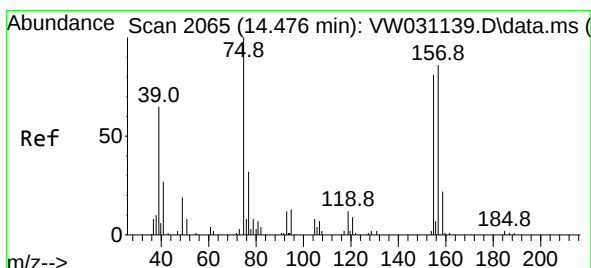
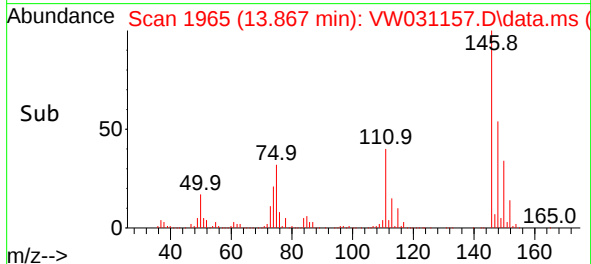
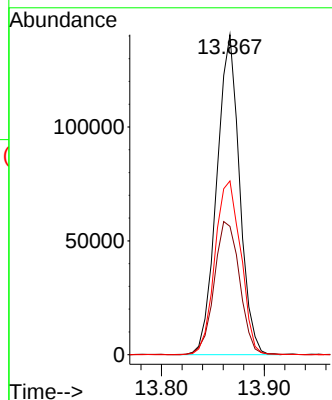
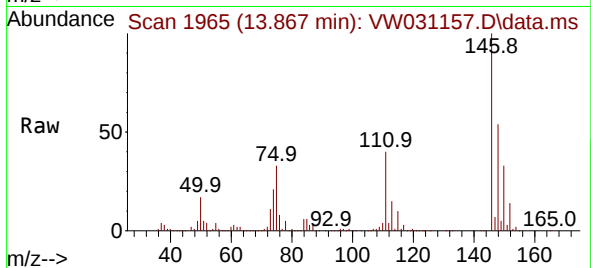
Tgt Ion:146 Resp: 216333

Ion Ratio Lower Upper

146 100

111 40.1 30.9 46.3

148 54.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.408 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031157.D

Acq: 06 Dec 2024 17:47

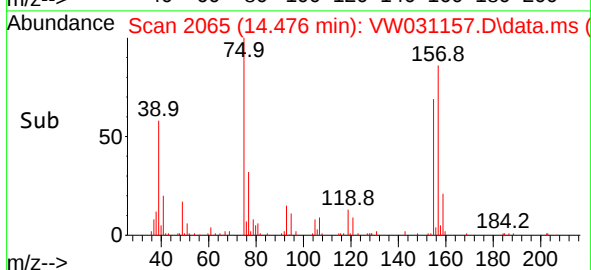
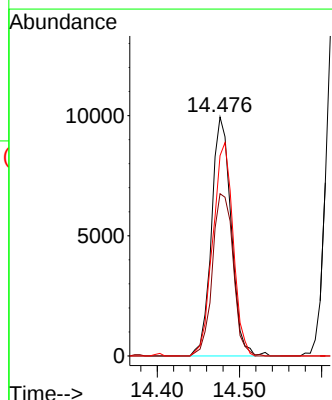
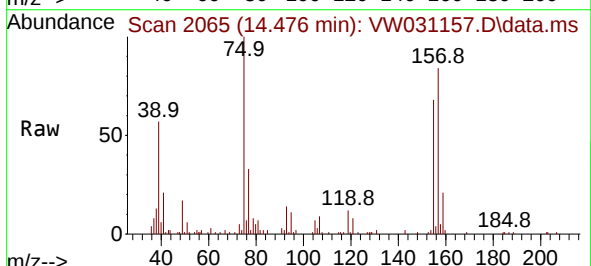
Tgt Ion: 75 Resp: 16508

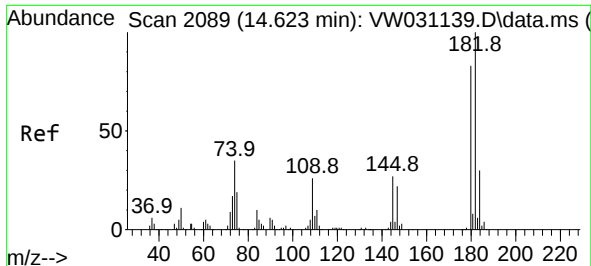
Ion Ratio Lower Upper

75 100

155 67.9 63.1 94.7

157 88.8 82.1 123.1

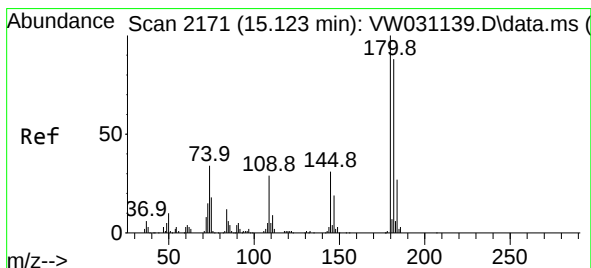
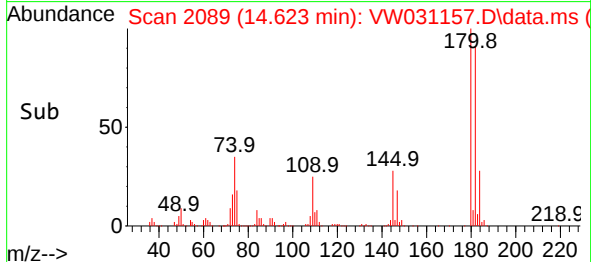
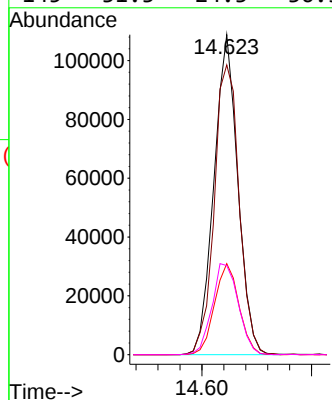
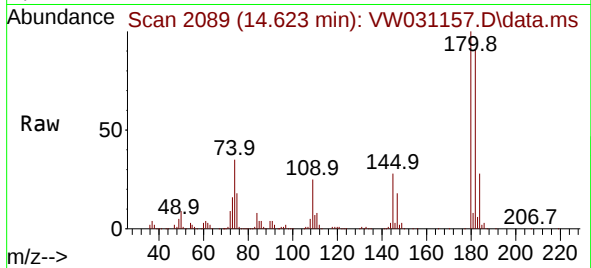




#69
1,3,5-Trichlorobenzene
Concen: 21.516 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

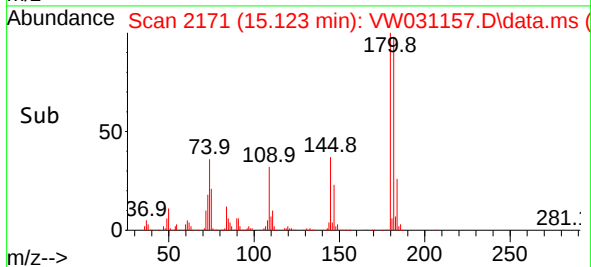
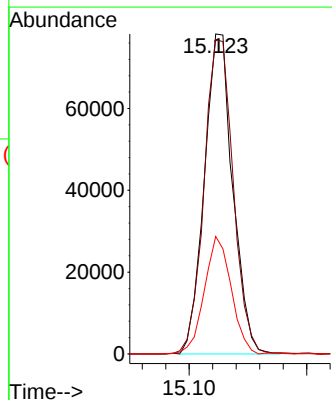
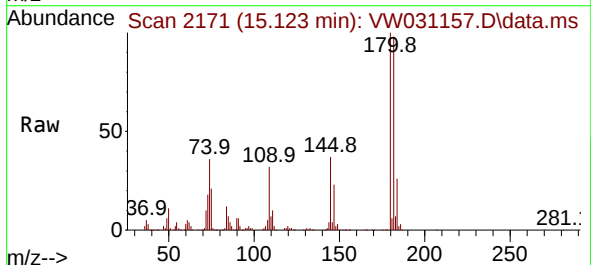
Instrument :
MSVOA_W
ClientSampleId :

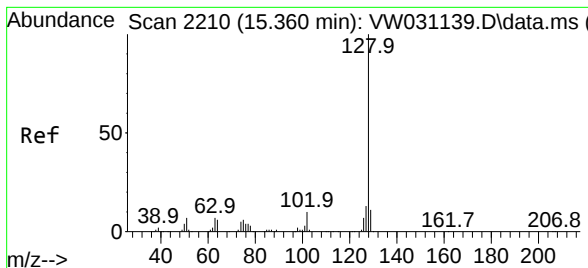
Tgt Ion:180 Resp: 164813
Ion Ratio Lower Upper
180 100
182 94.2 78.2 117.2
184 29.0 24.0 36.0
145 31.3 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 21.916 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

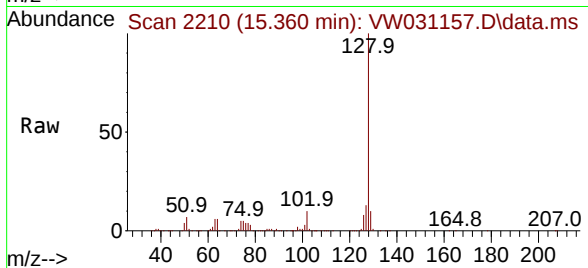
Tgt Ion:180 Resp: 131638
Ion Ratio Lower Upper
180 100
182 100.7 76.1 114.1
145 34.6 25.7 38.5



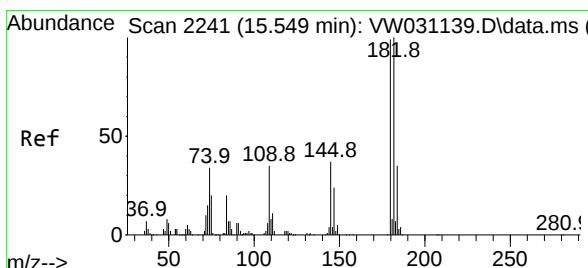
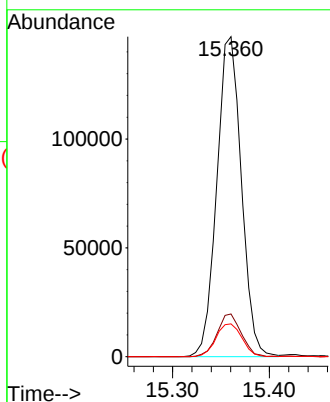
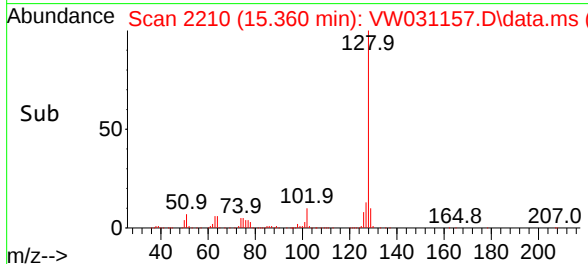


#71
Naphthalene
Concen: 26.769 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 259039
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 22.834 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031157.D
Acq: 06 Dec 2024 17:47

Tgt Ion:180 Resp: 117396
Ion Ratio Lower Upper
180 100
182 99.9 78.7 118.1
145 34.2 26.3 39.5

