

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110724\
 Data File : VW030958.D
 Acq On : 07 Nov 2024 16:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:06:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 08 04:04:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	444080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	208669	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118607	16.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
7) Chloroethane-d5	2.899	69	96028	17.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.760%
11) 1,1-Dichloroethene-d2	4.015	65	54727	18.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.075	46	58531	48.834	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.660%
24) Chloroform-d	7.648	84	272505	20.815	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.280%
26) 1,2-Dichloroethane-d4	8.307	65	137649	21.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	8.270	84	533691	21.199	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	9.270	67	159678	21.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.080%
41) Toluene-d8	10.319	98	476772	21.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.440%
43) trans-1,3-Dichloroprop...	10.575	79	61812	20.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.200%
47) 2-Hexanone-d5	10.922	63	50240	52.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	122659	23.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	159367	20.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	102691	21.709	ug/L	97
3) Chloromethane	2.223	50	119192	18.700	ug/L	98
5) Vinyl chloride	2.375	62	151939	20.114	ug/L	97
6) Bromomethane	2.789	94	97856	19.730	ug/L	91
8) Chloroethane	2.936	64	91387	19.956	ug/L	98
9) Trichlorofluoromethane	3.271	101	140010	20.310	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	137812	21.715	ug/L #	88
12) 1,1-Dichloroethene	4.045	96	135465	23.600	ug/L	79
13) Acetone	4.119	43	83358	56.943	ug/L	96
14) Carbon disulfide	4.387	76	416495	22.073	ug/L	100
15) Methyl Acetate	4.673	43	53894	25.099	ug/L	99
16) Methylene chloride	4.917	84	172111	27.414	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	144991	23.025	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	204743	24.090	ug/L	98
19) 1,1-Dichloroethane	6.216	63	268252	22.828	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	159552	23.884	ug/L	98
22) 2-Butanone	7.167	43	88434	53.945	ug/L	99
23) Bromochloromethane	7.514	128	70196	23.994	ug/L	96
25) Chloroform	7.673	83	283786	22.953	ug/L	97

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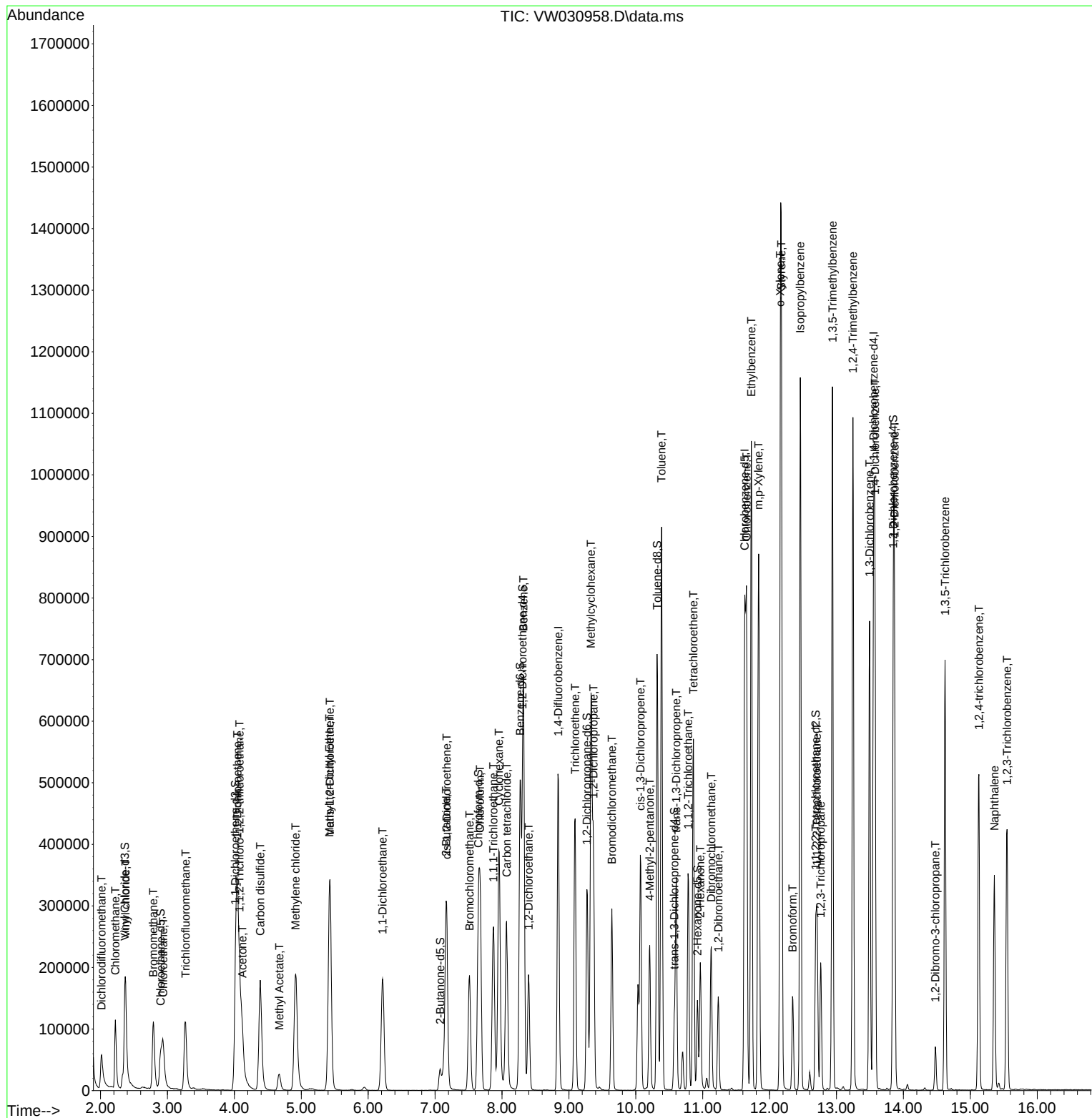
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170128	22.094	ug/L	96
29) Cyclohexane	7.953	56	223790	23.045	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	229236	22.022	ug/L	98
31) Carbon tetrachloride	8.069	117	210239	22.477	ug/L	98
33) Benzene	8.319	78	615062	23.548	ug/L	100
34) Trichloroethene	9.093	95	162845	22.610	ug/L	97
35) Methylcyclohexane	9.331	83	269119	23.575	ug/L	98
37) 1,2-Dichloropropane	9.368	63	154839	23.720	ug/L	99
38) Bromodichloromethane	9.642	83	198499	23.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	234434	24.008	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	152872	51.209	ug/L	98
42) Toluene	10.386	91	674346	24.381	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	193752	23.884	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	112903	24.096	ug/L	97
46) Tetrachloroethene	10.861	164	133202	24.191	ug/L	92
48) 2-Hexanone	10.965	43	127474	56.127	ug/L	97
49) Dibromochloromethane	11.129	129	128072	25.070	ug/L	98
50) 1,2-Dibromoethane	11.233	107	102926	23.820	ug/L	96
51) Chlorobenzene	11.654	112	415582	23.477	ug/L	97
52) Ethylbenzene	11.727	91	741767	23.735	ug/L	98
53) m,p-Xylene	11.837	106	282741	24.055	ug/L	98
54) o-Xylene	12.160	106	268436	24.820	ug/L	96
55) Styrene	12.178	104	460706	24.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	127739	24.981	ug/L	97
59) Bromoform	12.343	173	71048	23.845	ug/L	97
60) Isopropylbenzene	12.458	105	729345	22.914	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	90315	23.086	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	590552	23.564	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	583397	23.904	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	321510	23.004	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	320176	22.314	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	281194	22.574	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18702	22.580	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	213907	23.064	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	172880	23.475	ug/L	97
71) Naphthalene	15.360	128	294541	24.672	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152219	23.984	ug/L	95

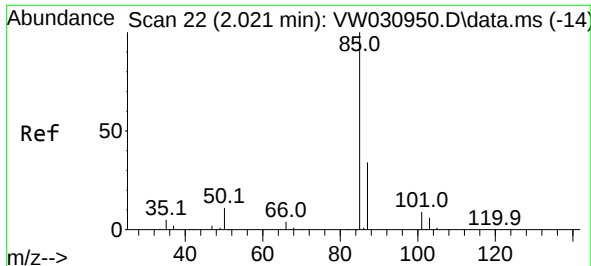
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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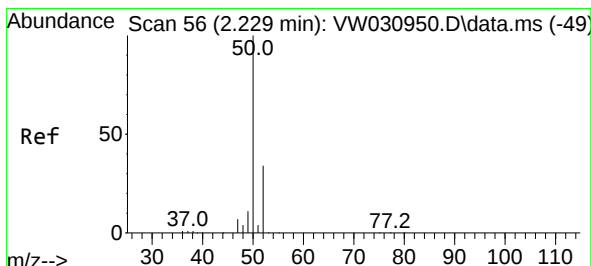
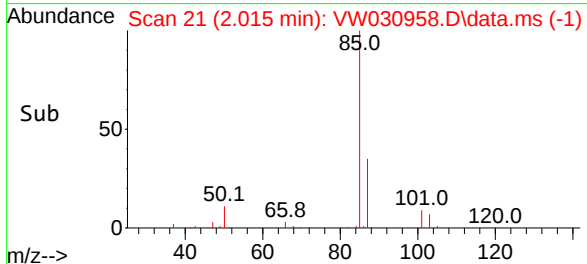
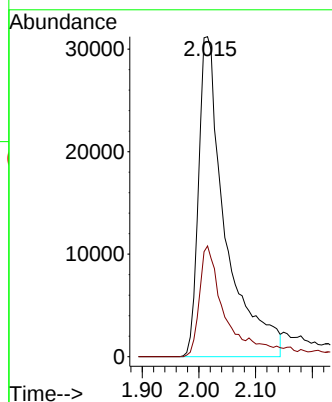
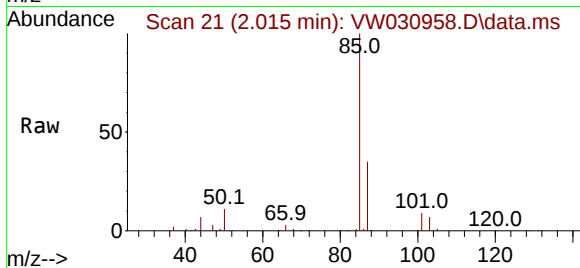




#2
Dichlorodifluoromethane
Concen: 21.709 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

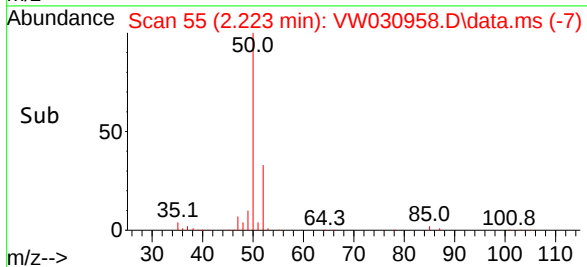
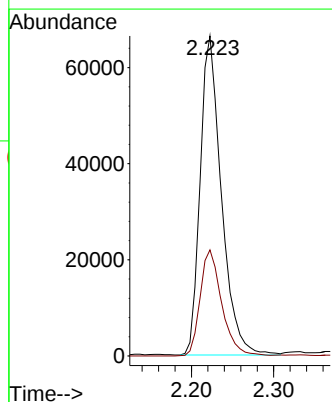
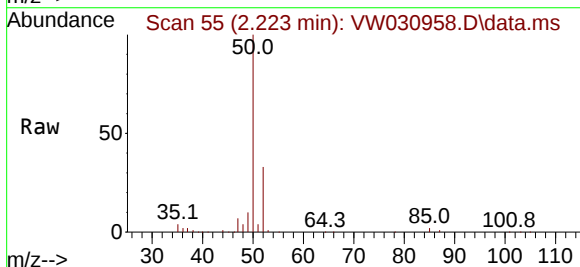
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MSVOA_W
ClientSampleId :

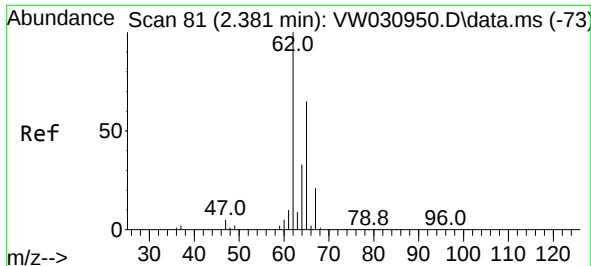
Tgt Ion: 85 Resp: 102691
Ion Ratio Lower Upper
85 100
87 28.8 24.2 36.4



#3
Chloromethane
Concen: 18.700 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 50 Resp: 119192
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9

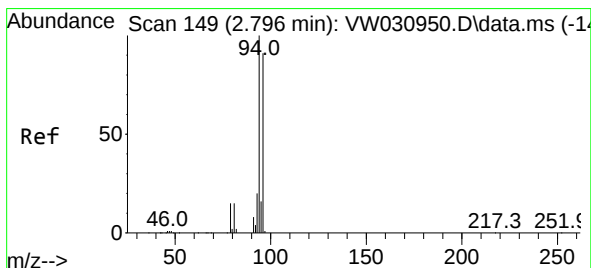
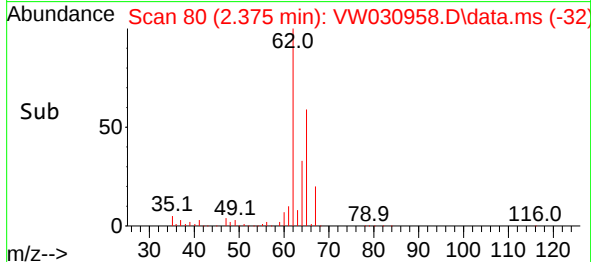
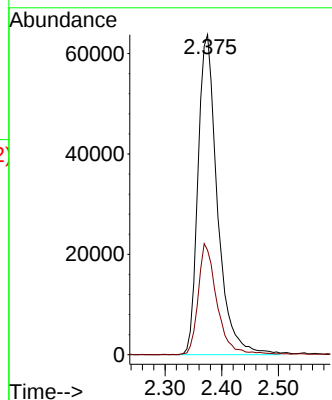
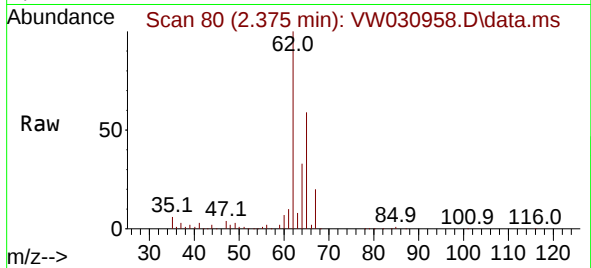




#5
 Vinyl chloride
 Concen: 20.114 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW030958.D
 Acq: 07 Nov 2024 16:24

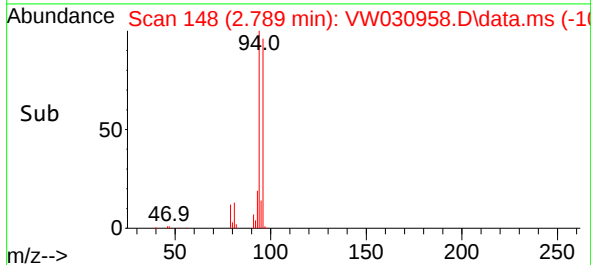
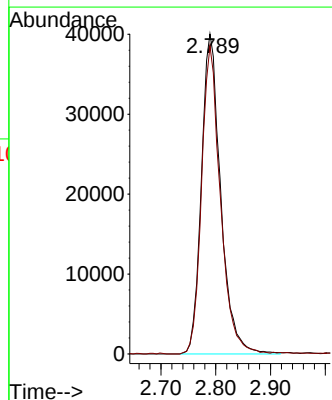
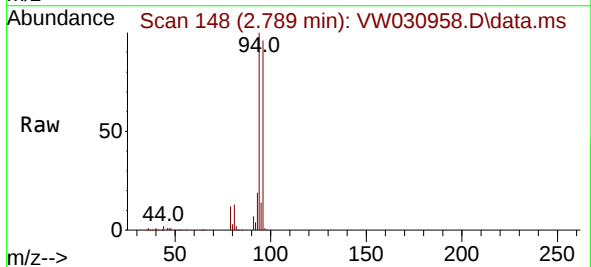
Instrument :
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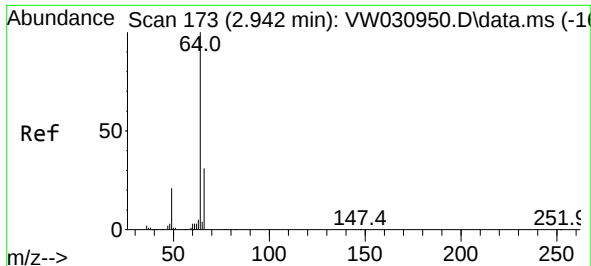
Tgt Ion: 62 Resp: 151939
 Ion Ratio Lower Upper
 62 100
 64 32.6 21.7 40.3



#6
 Bromomethane
 Concen: 19.730 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030958.D
 Acq: 07 Nov 2024 16:24

Tgt Ion: 94 Resp: 97856
 Ion Ratio Lower Upper
 94 100
 96 96.2 61.6 114.4

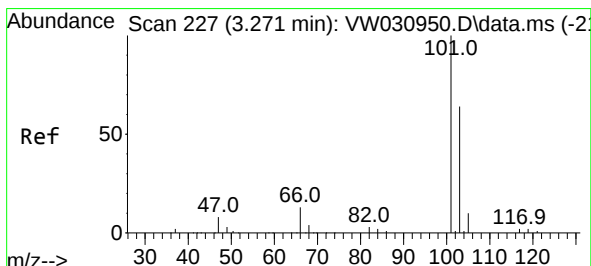
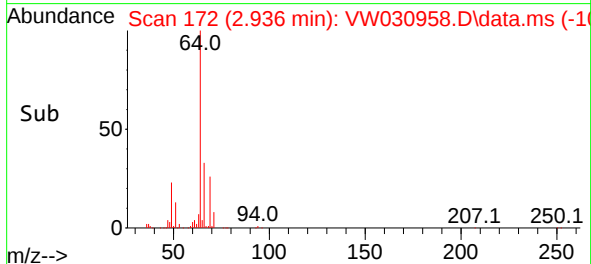
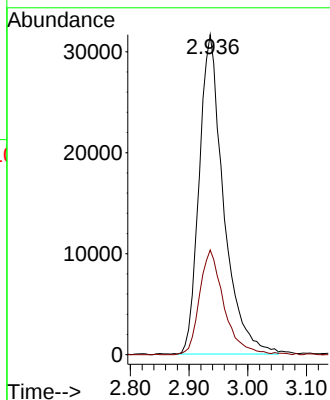
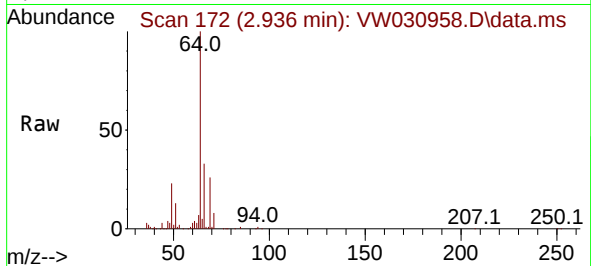




#8
Chloroethane
Concen: 19.956 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

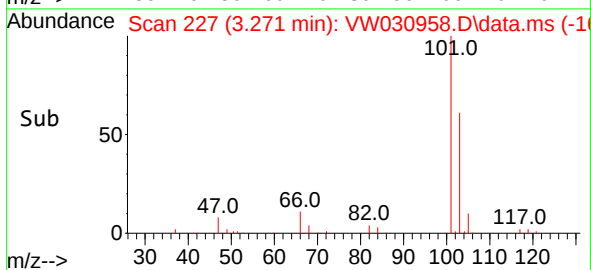
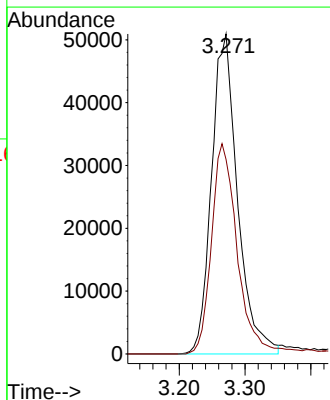
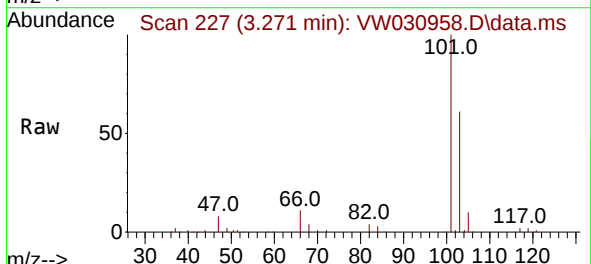
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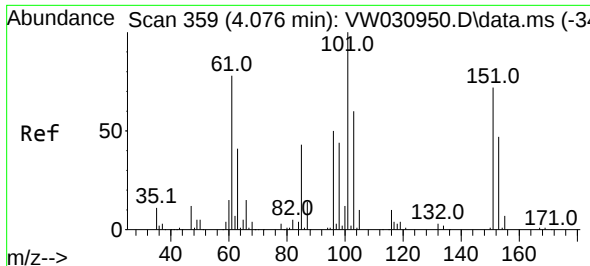
Tgt Ion: 64 Resp: 91387
Ion Ratio Lower Upper
64 100
66 32.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 20.310 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion:101 Resp: 140010
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

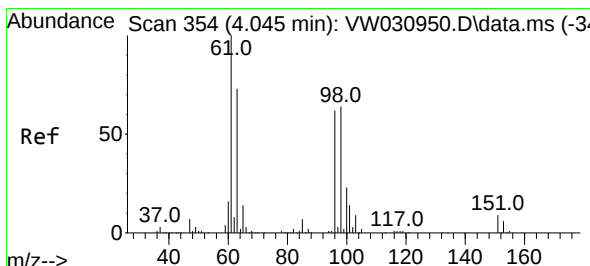
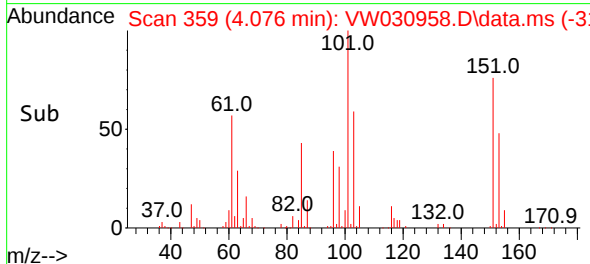
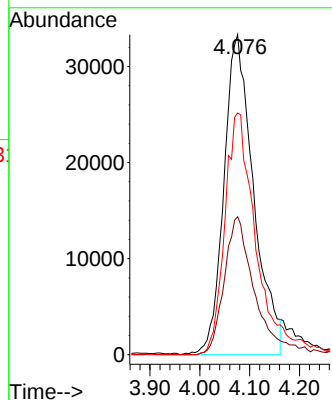
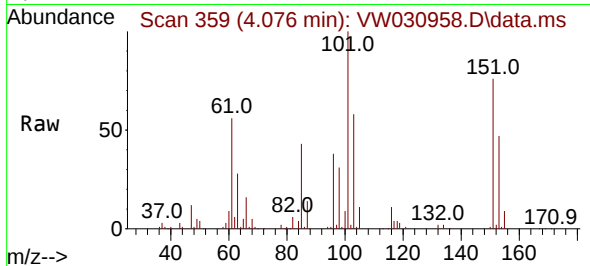




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.715 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030958.D
 Acq: 07 Nov 2024 16:24

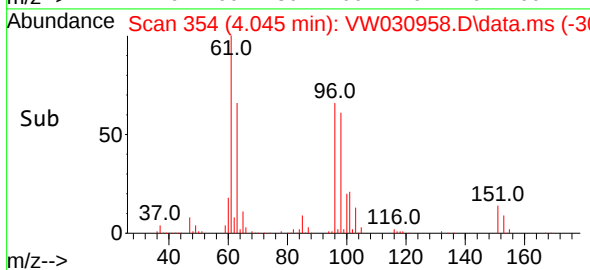
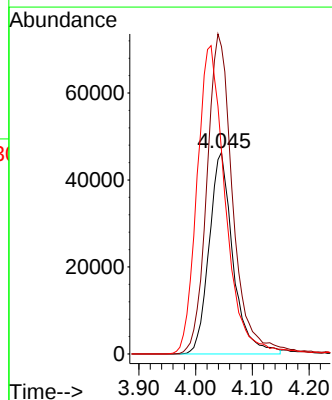
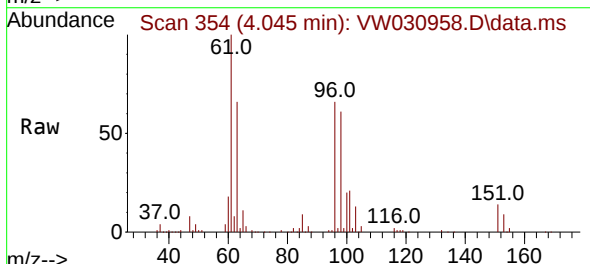
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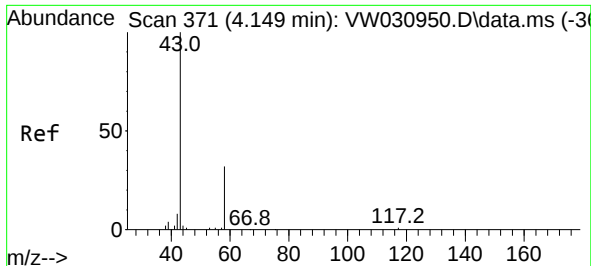
Tgt Ion:101 Resp: 137812
 Ion Ratio Lower Upper
 101 100
 85 43.2 32.9 49.3
 151 77.4 51.0 76.6#



#12
 1,1-Dichloroethene
 Concen: 23.600 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030958.D
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Tgt Ion: 96 Resp: 135465
 Ion Ratio Lower Upper
 96 100
 61 152.4 118.9 220.7
 63 100.8 97.8 181.6

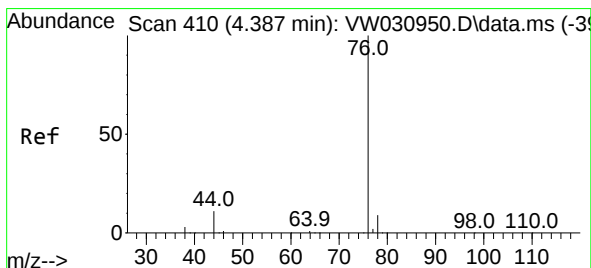
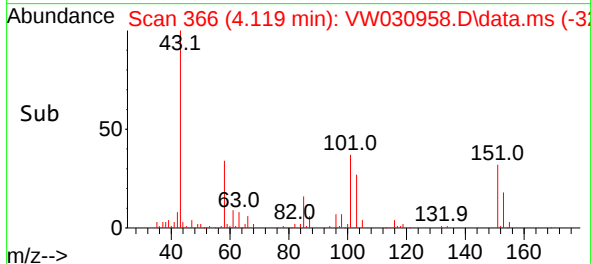
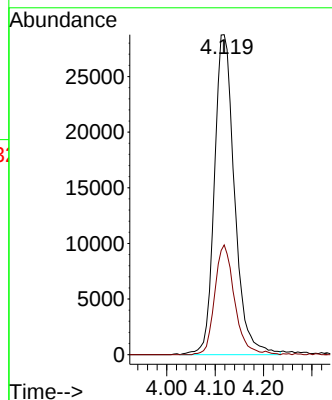
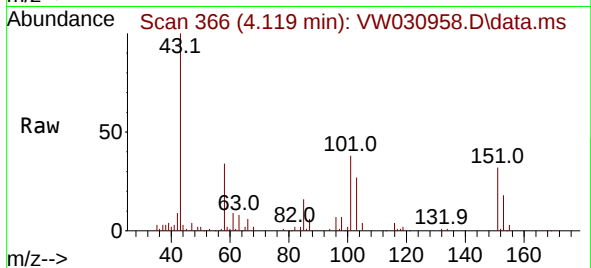




#13
Acetone
Concen: 56.943 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.030 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

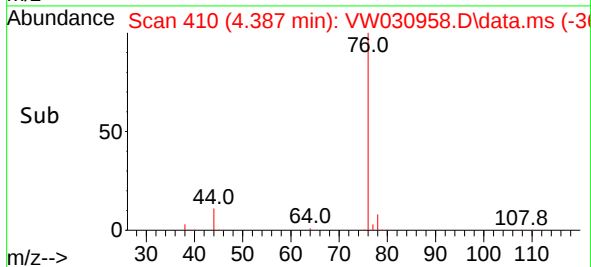
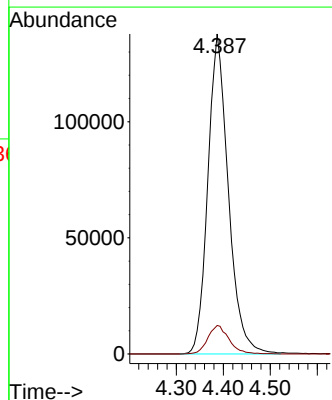
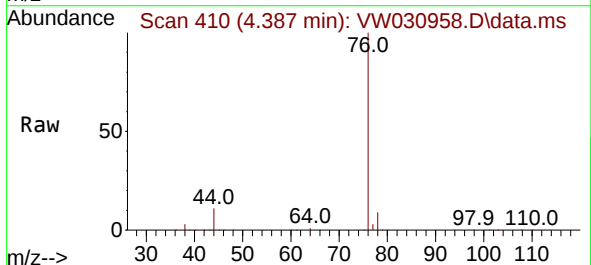
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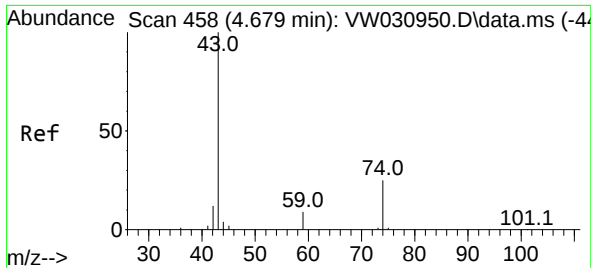
Tgt Ion: 43 Resp: 83358
Ion Ratio Lower Upper
43 100
58 33.3 0.0 62.6



#14
Carbon disulfide
Concen: 22.073 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 76 Resp: 416495
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

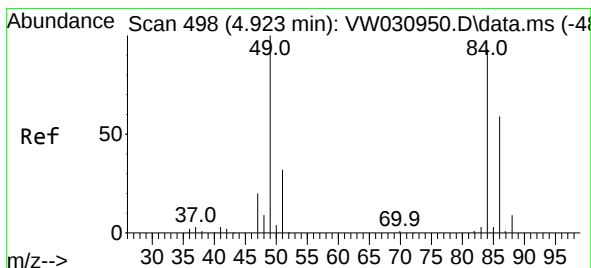
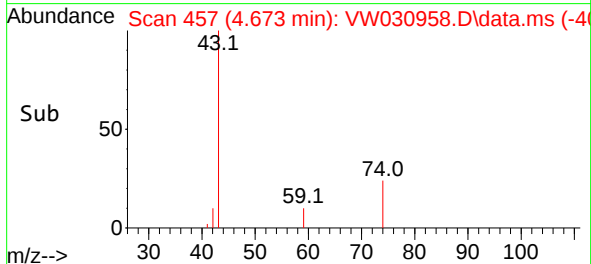
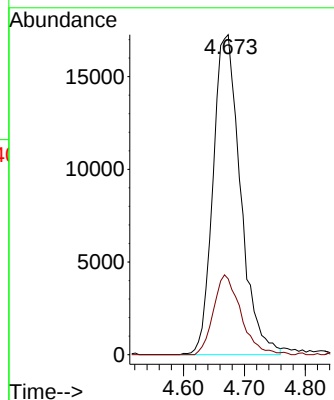
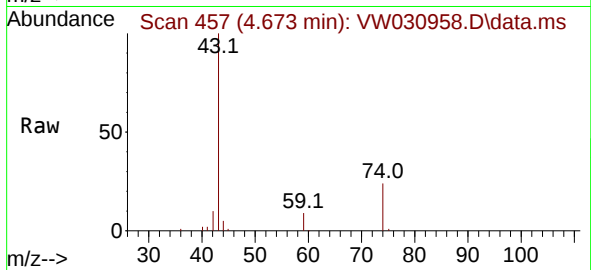




#15
Methyl Acetate
Concen: 25.099 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

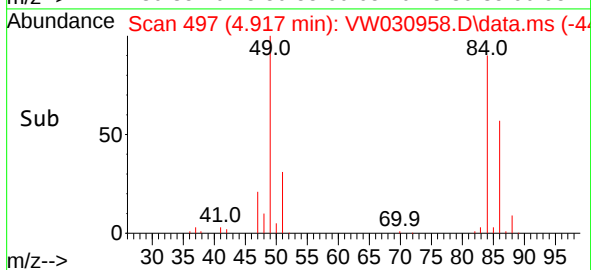
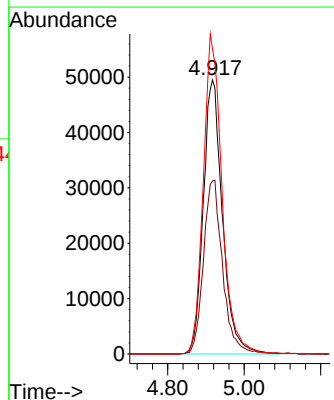
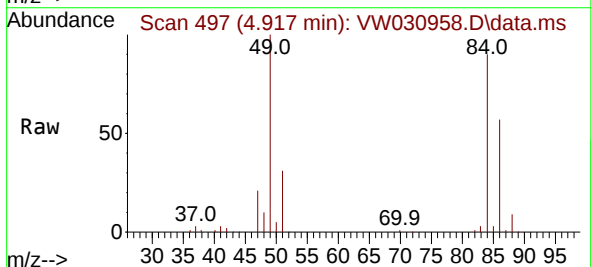
Instrument :
MSVOA_W
ClientSampleId :

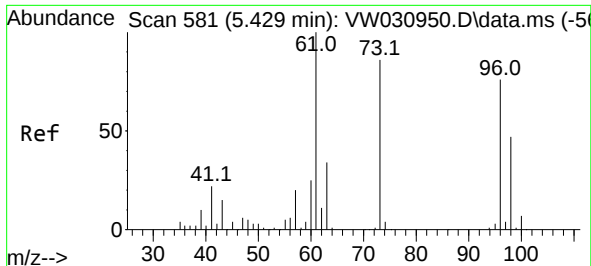
Tgt Ion: 43 Resp: 53894
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



#16
Methylene chloride
Concen: 27.414 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 84 Resp: 172111
Ion Ratio Lower Upper
84 100
86 63.1 41.8 77.6
49 111.3 82.8 153.8

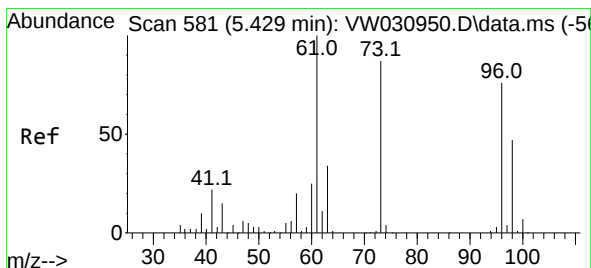
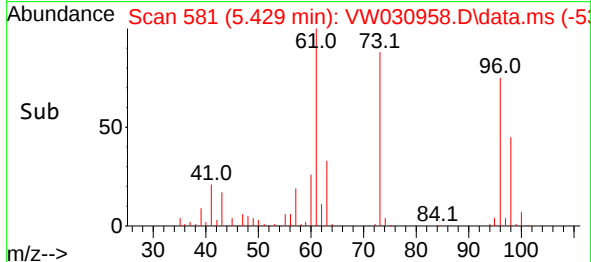
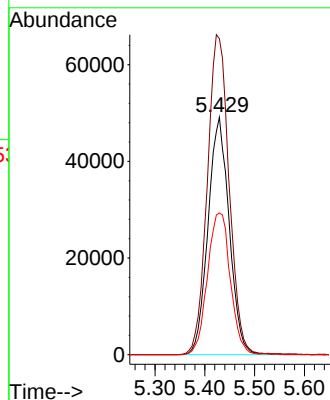
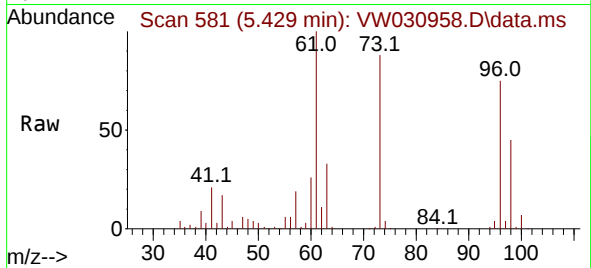




#17
trans-1,2-Dichloroethene
Concen: 23.025 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

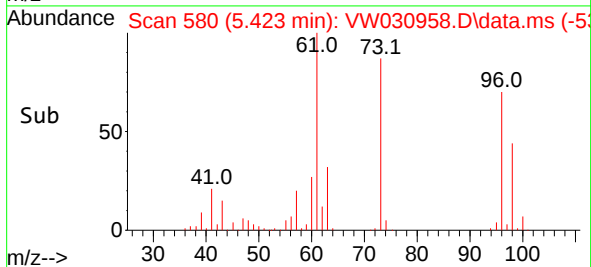
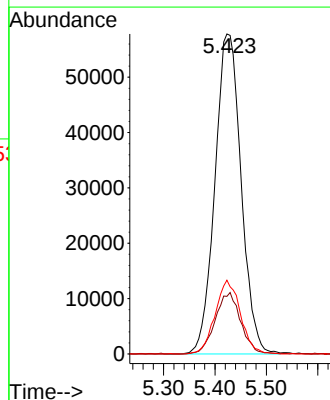
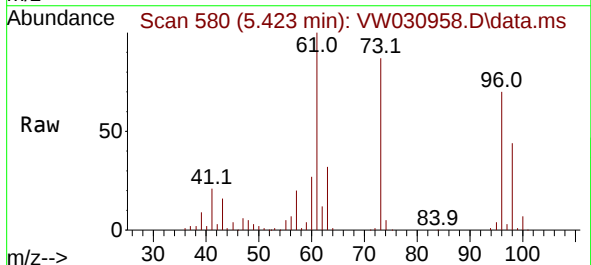
Instrument :
MSVOA_W
ClientSampleId :

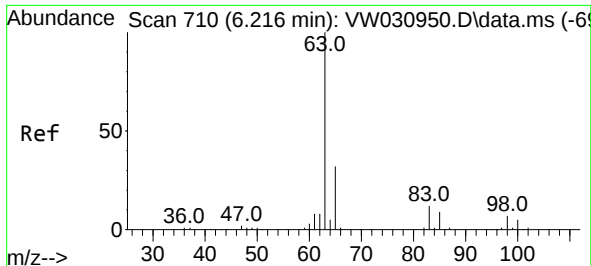
Tgt Ion: 96 Resp: 144991
Ion Ratio Lower Upper
96 100
61 133.1 95.2 176.8
98 59.7 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 24.090 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 73 Resp: 204743
Ion Ratio Lower Upper
73 100
43 18.7 16.2 24.2
57 22.1 17.3 25.9

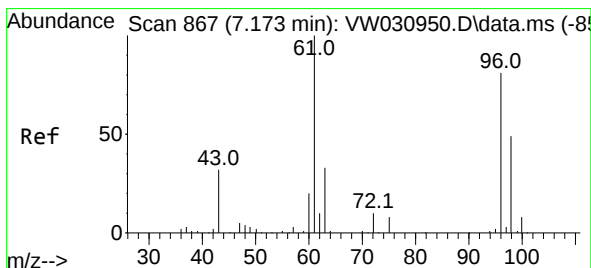
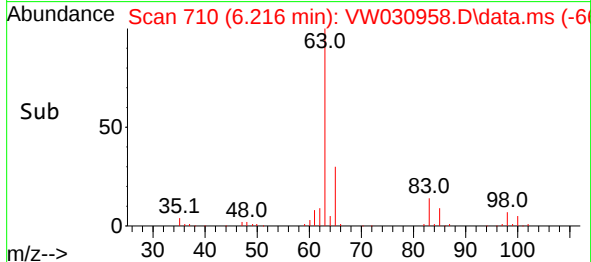
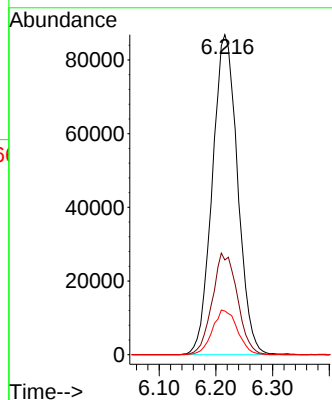
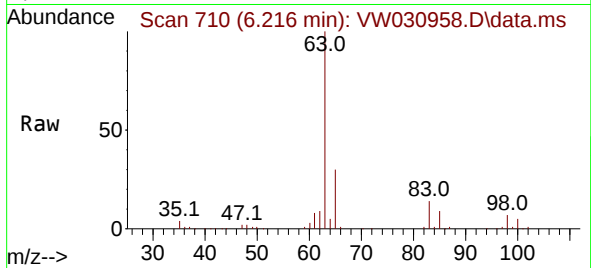




#19
 1,1-Dichloroethane
 Concen: 22.828 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW030958.D
 Acq: 07 Nov 2024 16:24

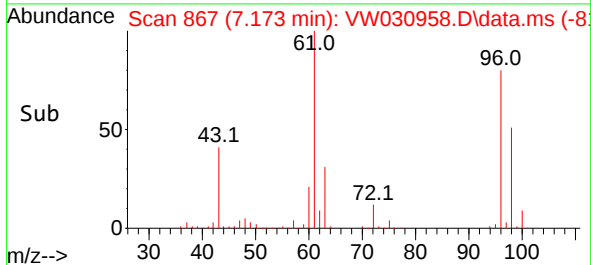
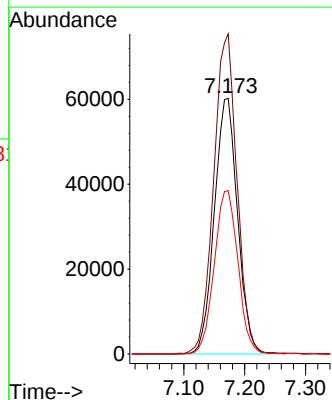
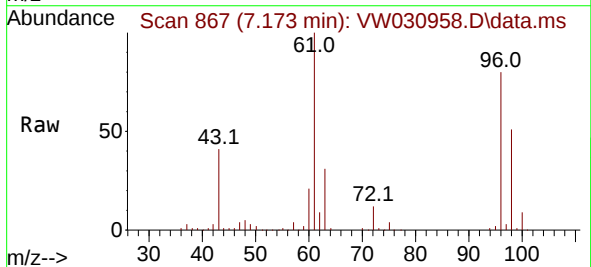
Instrument :
 MSVOA_W
 ClientSampleId :

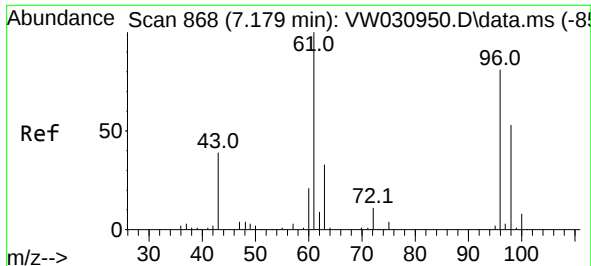
Tgt Ion: 63 Resp: 268252
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.0 42.8
 83 13.7 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 23.884 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW030958.D
 Acq: 07 Nov 2024 16:24

Tgt Ion: 96 Resp: 159552
 Ion Ratio Lower Upper
 96 100
 61 125.2 89.2 165.8
 98 63.9 45.1 83.9

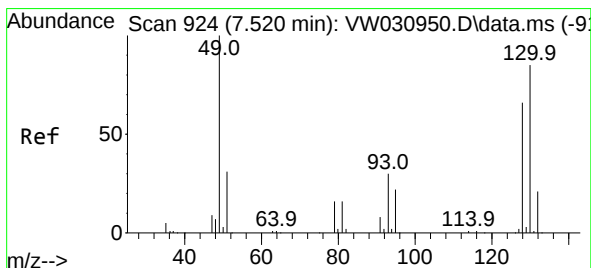
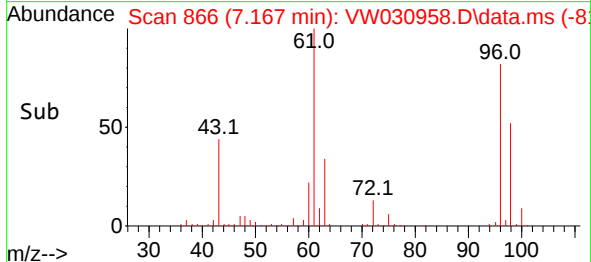
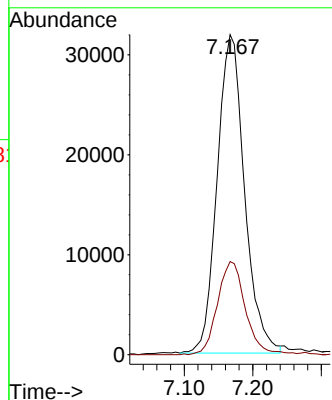
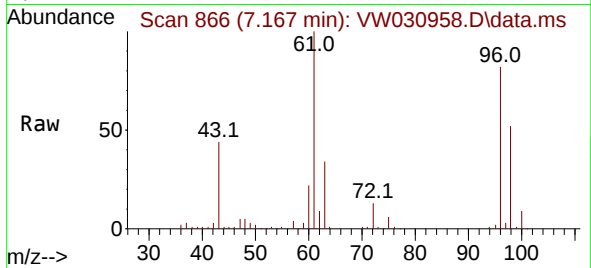




#22
2-Butanone
Concen: 53.945 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.012 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

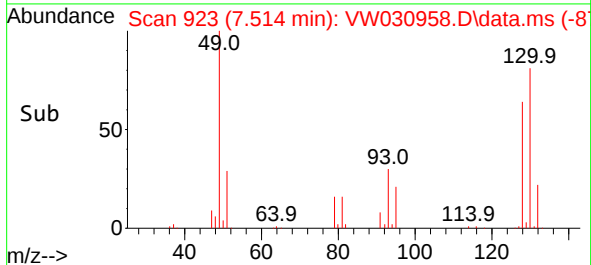
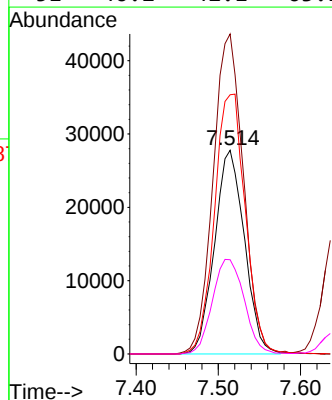
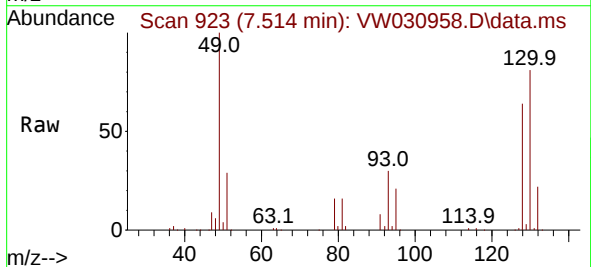
Instrument :
MSVOA_W
ClientSampleId :

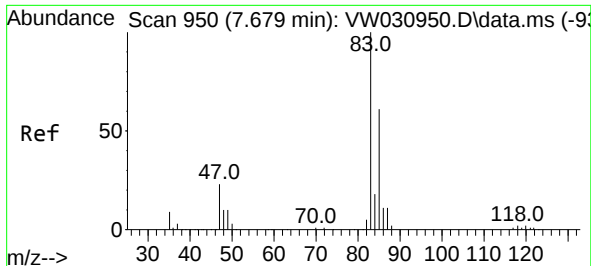
Tgt Ion: 43 Resp: 88434
Ion Ratio Lower Upper
43 100
72 29.6 14.5 43.6



#23
Bromochloromethane
Concen: 23.994 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 128 Resp: 70196
Ion Ratio Lower Upper
128 100
49 157.1 112.4 208.8
130 127.2 86.2 160.0
51 46.2 42.1 63.1

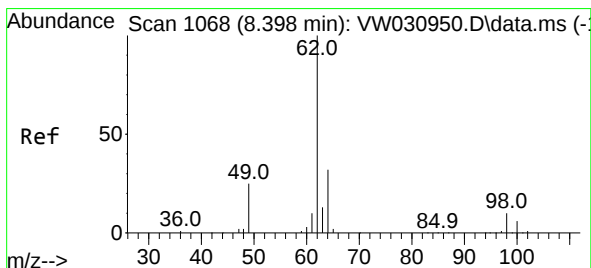
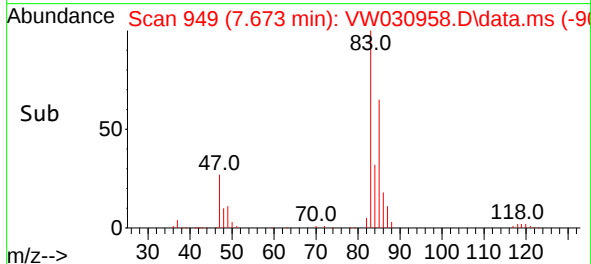
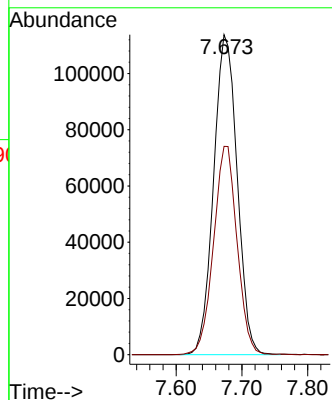
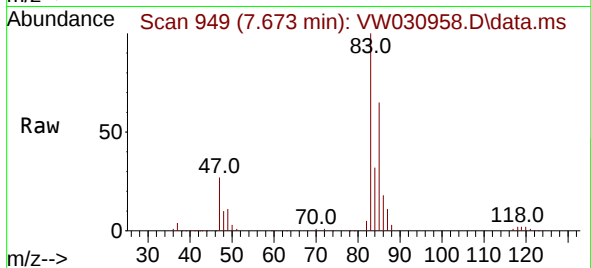




#25
Chloroform
Concen: 22.953 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

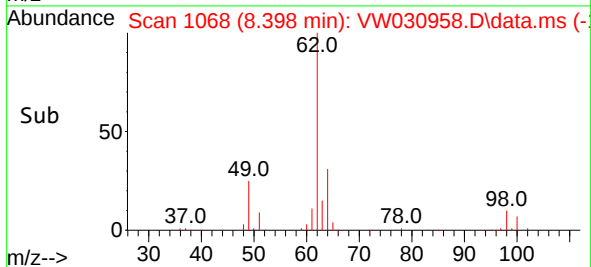
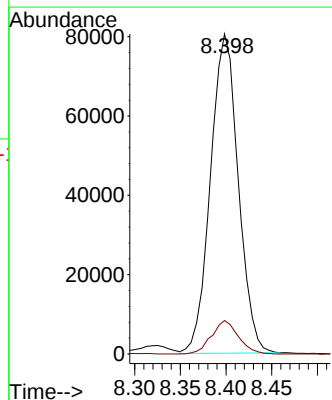
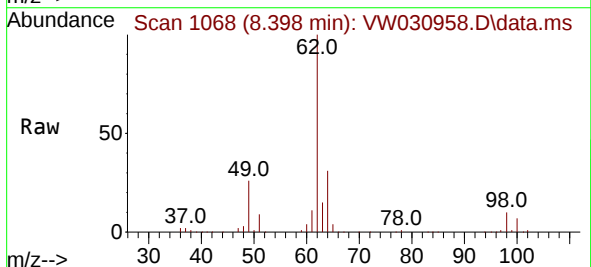
Instrument :
MSVOA_W
ClientSampleId :

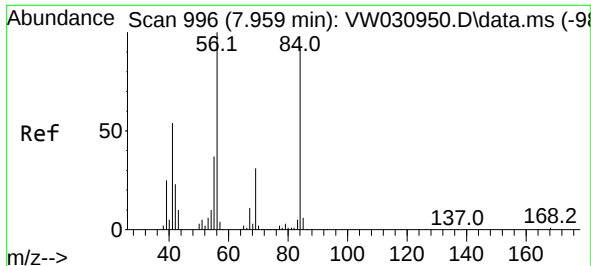
Tgt Ion: 83 Resp: 283786
Ion Ratio Lower Upper
83 100
85 65.1 47.2 87.6



#27
1,2-Dichloroethane
Concen: 22.094 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

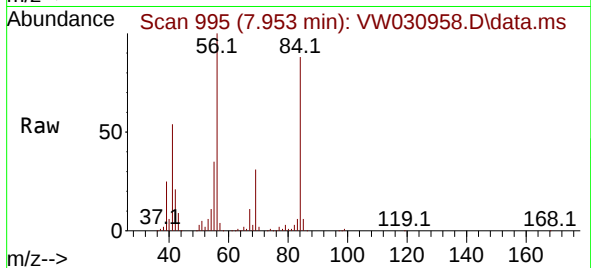
Tgt Ion: 62 Resp: 170128
Ion Ratio Lower Upper
62 100
98 10.5 7.1 10.7



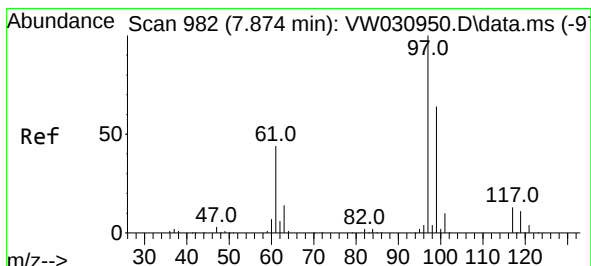
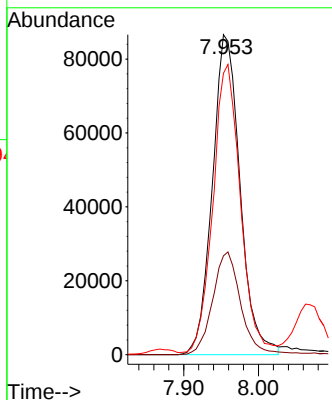
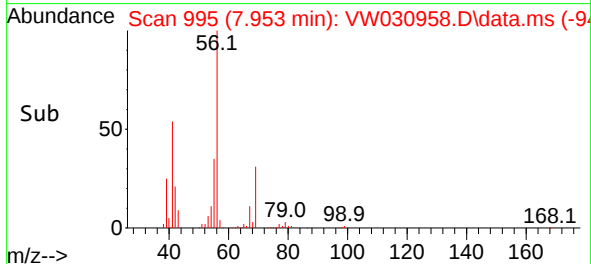


#29
Cyclohexane
Concen: 23.045 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

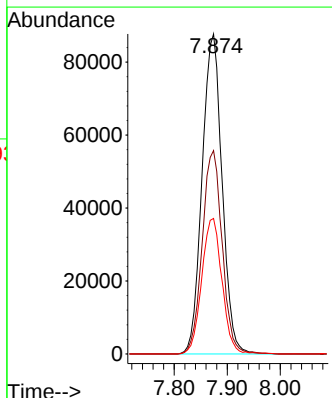
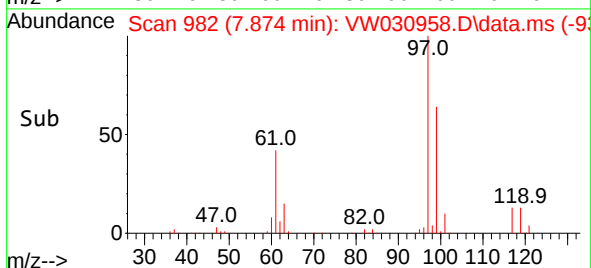
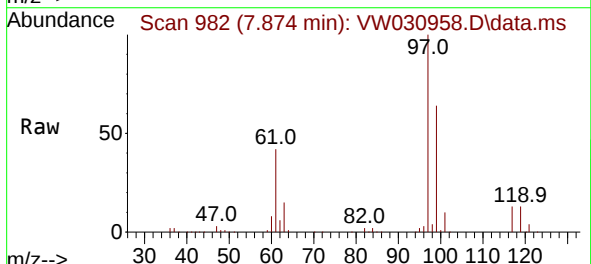


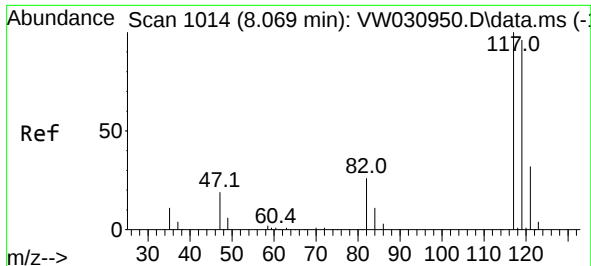
Tgt Ion: 56 Resp: 223790
Ion Ratio Lower Upper
56 100
69 32.6 24.8 37.2
84 90.1 69.5 104.3



#30
1,1,1-Trichloroethane
Concen: 22.022 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

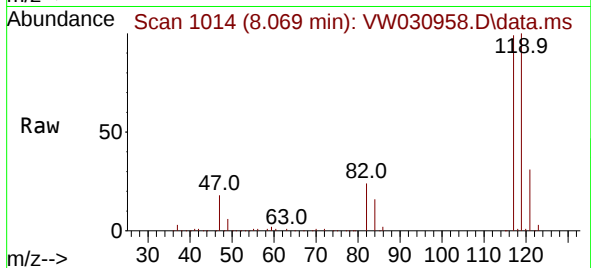
Tgt Ion: 97 Resp: 229236
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 42.8 36.2 54.4



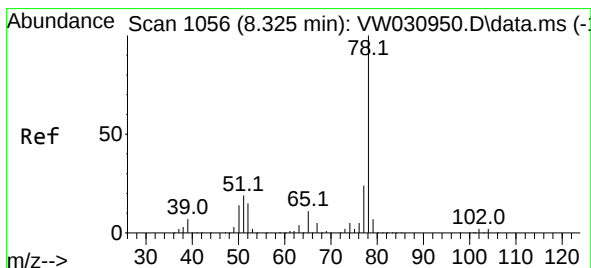
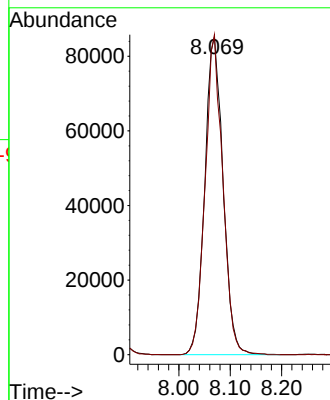
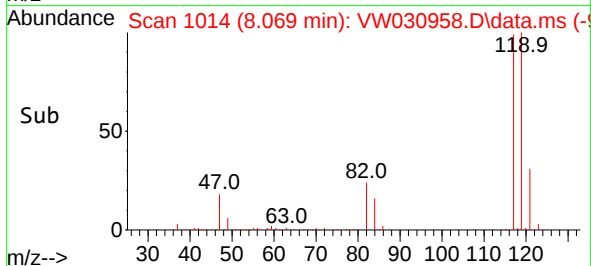


#31
Carbon tetrachloride
Concen: 22.477 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

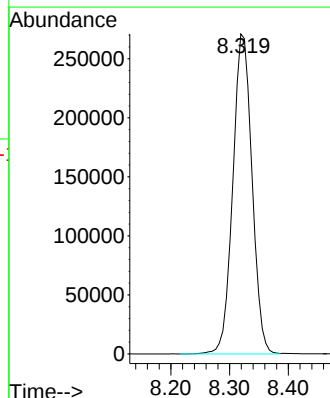
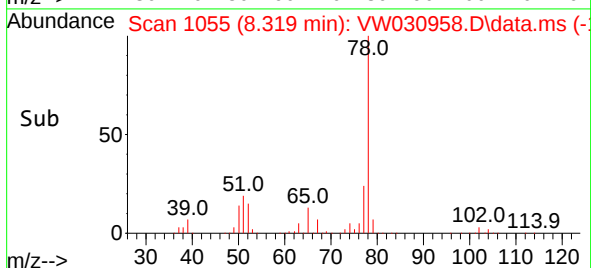
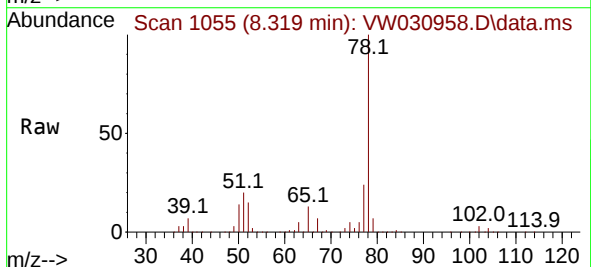


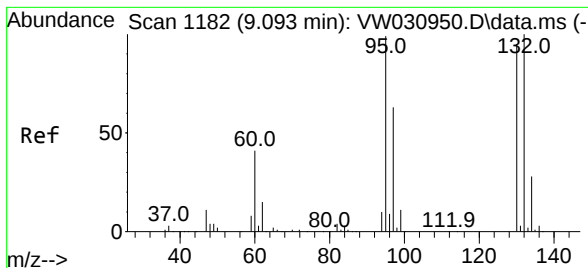
Tgt Ion:117 Resp: 210239
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2



#33
Benzene
Concen: 23.548 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 78 Resp: 615062





#34

Trichloroethene

Concen: 22.610 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 162845

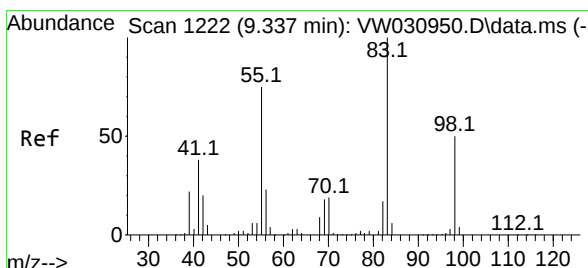
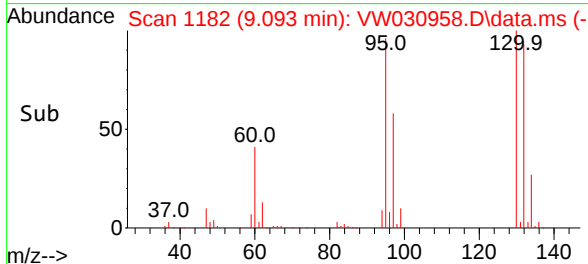
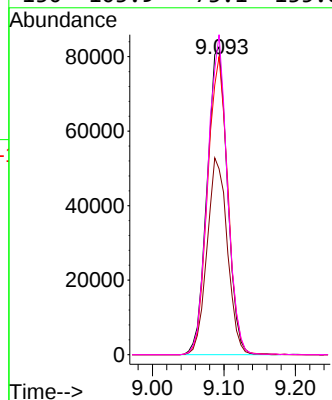
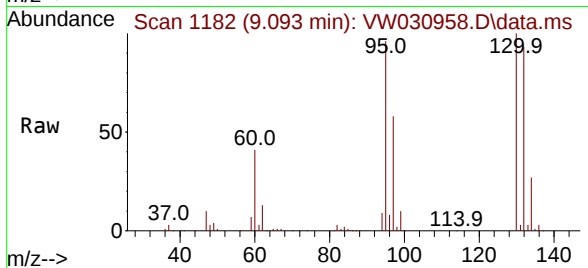
Ion Ratio Lower Upper

95 100

97 60.4 48.9 90.7

132 96.8 67.7 125.7

130 103.9 73.1 135.8



#35

Methylcyclohexane

Concen: 23.575 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

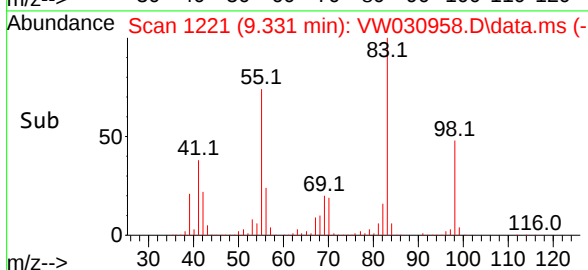
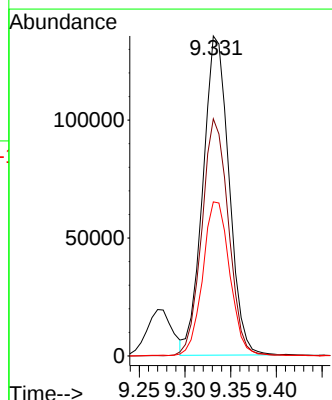
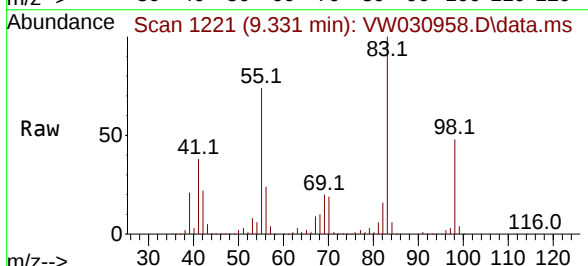
Tgt Ion: 83 Resp: 269119

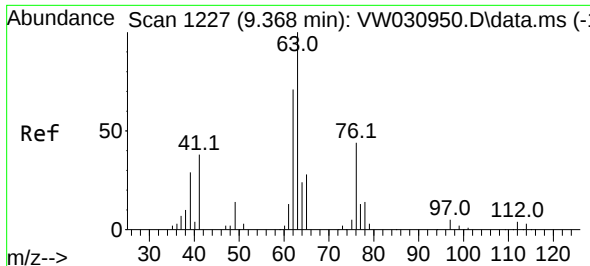
Ion Ratio Lower Upper

83 100

55 75.8 62.8 94.2

98 49.6 39.4 59.2





#37

1,2-Dichloropropane

Concen: 23.720 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

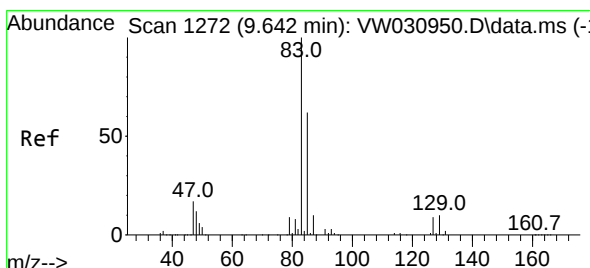
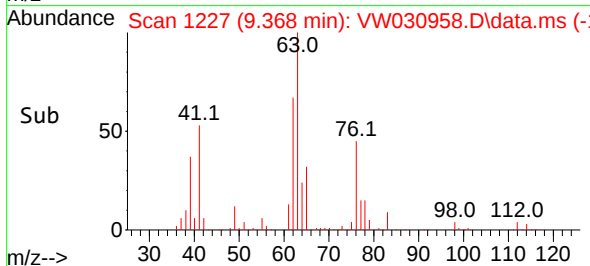
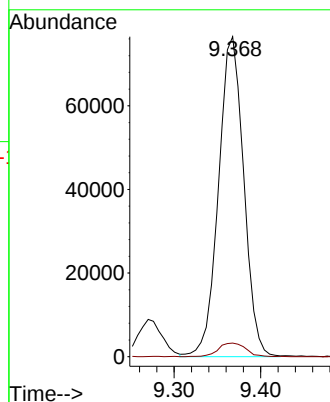
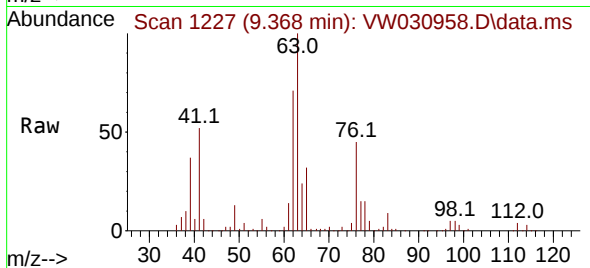
ClientSampleId :

Tgt Ion: 63 Resp: 154839

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 23.155 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

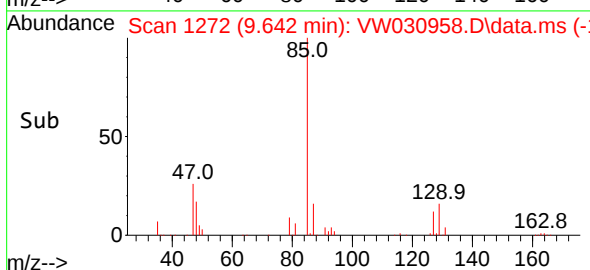
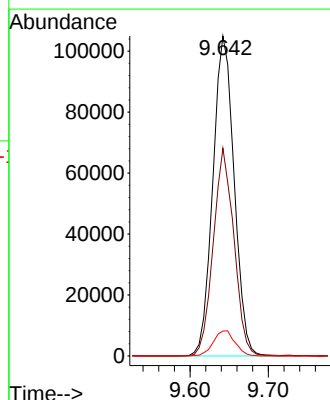
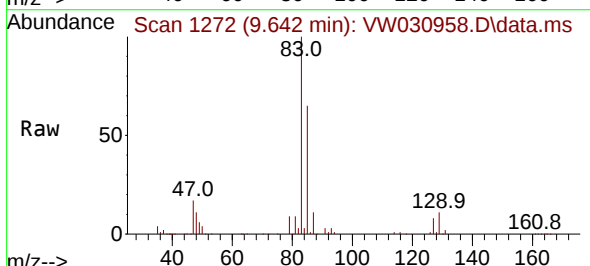
Tgt Ion: 83 Resp: 198499

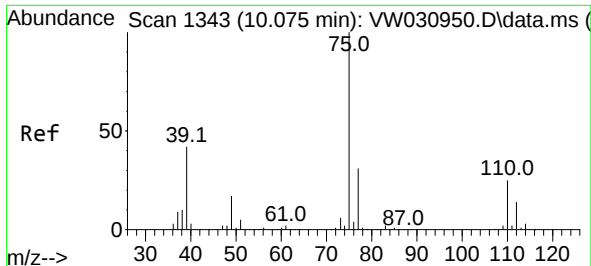
Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.008 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

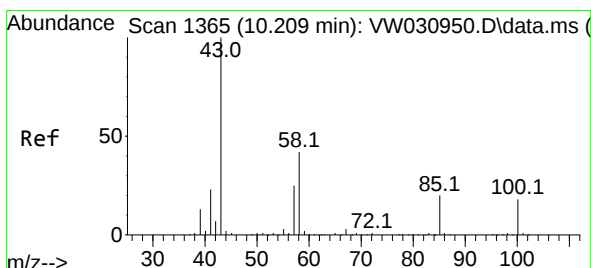
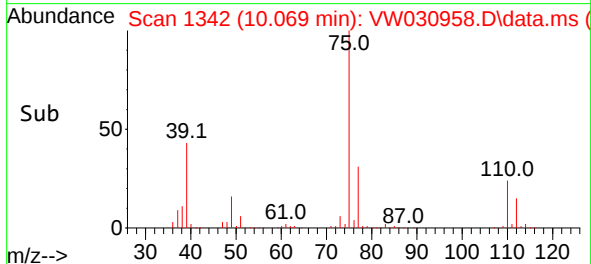
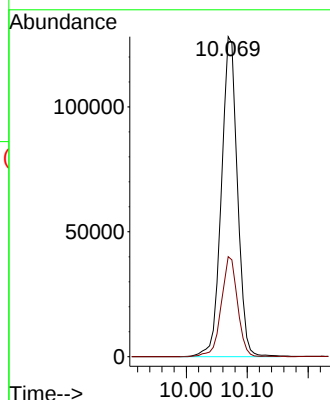
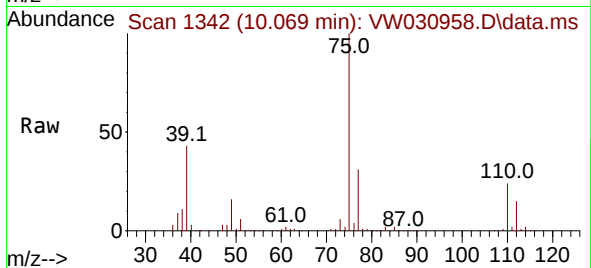
ClientSampleId :

Tgt Ion: 75 Resp: 234434

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 51.209 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

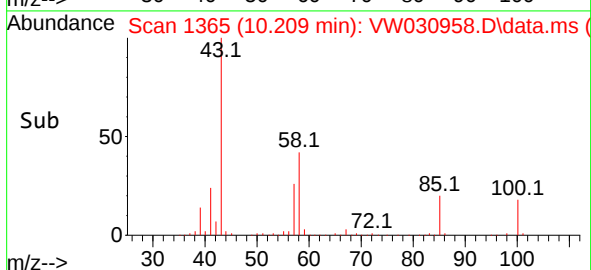
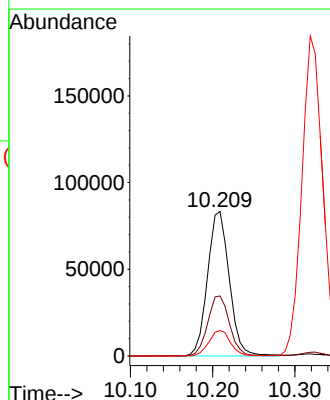
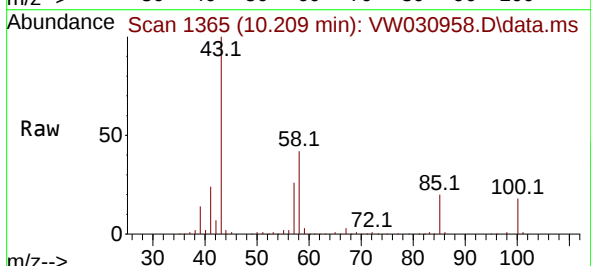
Tgt Ion: 43 Resp: 152872

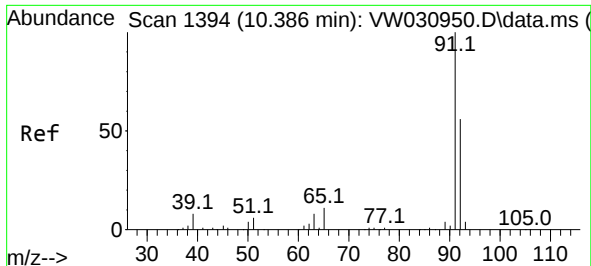
Ion Ratio Lower Upper

43 100

58 41.8 32.2 48.4

100 17.5 13.3 19.9

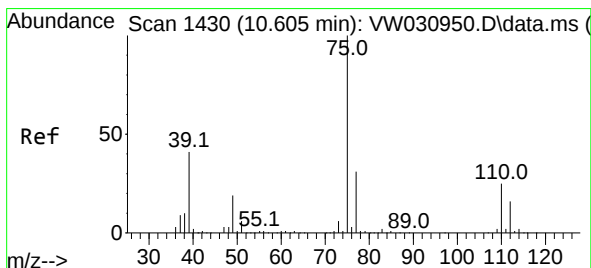
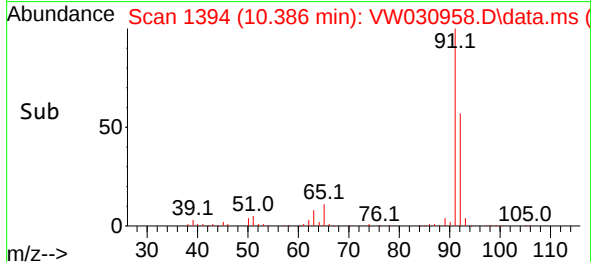
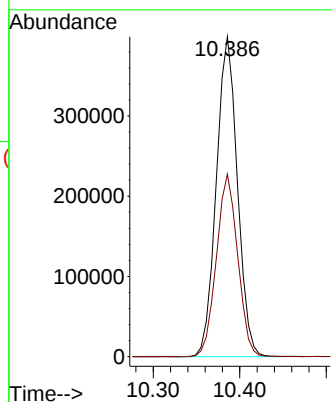
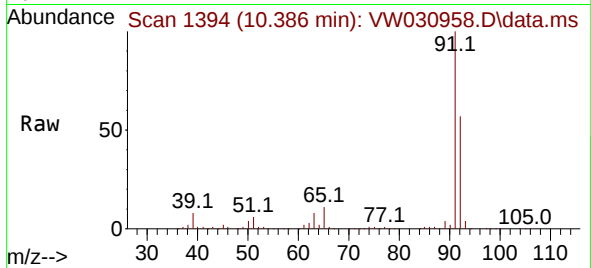




#42
Toluene
Concen: 24.381 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

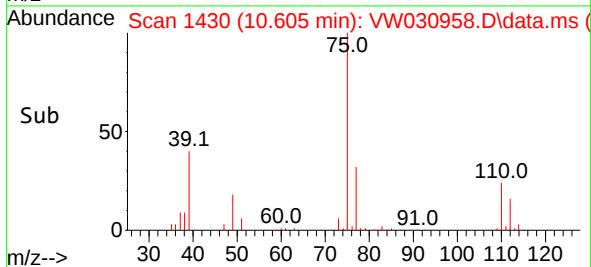
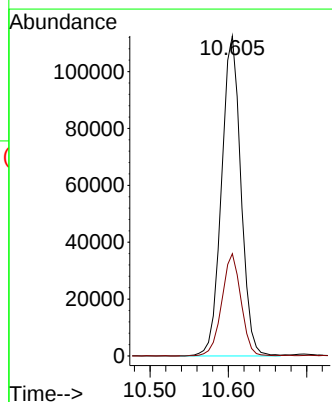
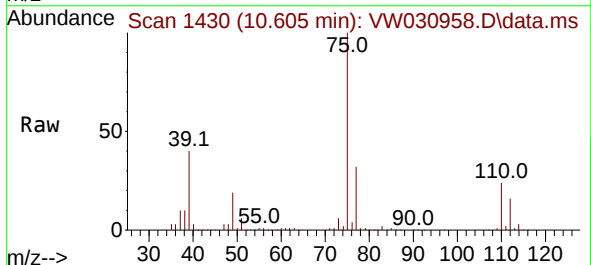
Instrument :
MSVOA_W
ClientSampleId :

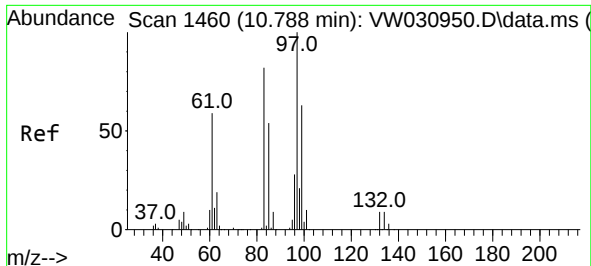
Tgt Ion: 91 Resp: 674346
Ion Ratio Lower Upper
91 100
92 57.1 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 23.884 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 75 Resp: 193752
Ion Ratio Lower Upper
75 100
77 32.0 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 24.096 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 112903

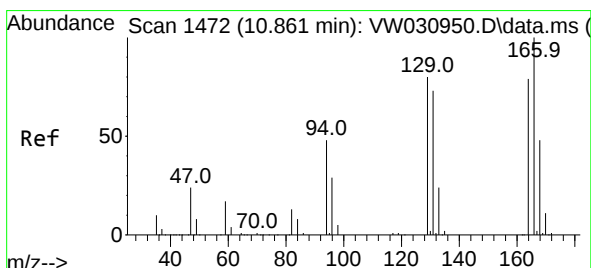
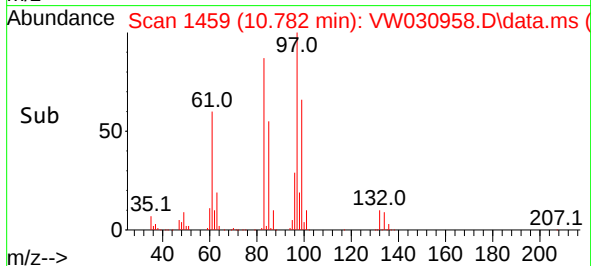
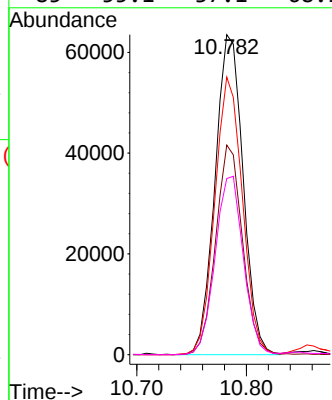
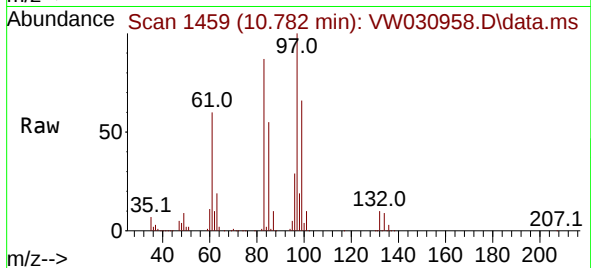
Ion Ratio Lower Upper

97 100

99 65.5 42.8 79.4

83 86.7 60.6 112.6

85 55.1 37.1 68.9



#46

Tetrachloroethene

Concen: 24.191 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Tgt Ion:164 Resp: 133202

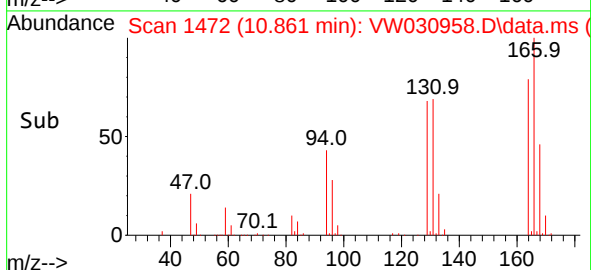
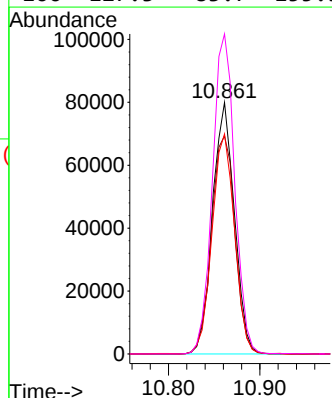
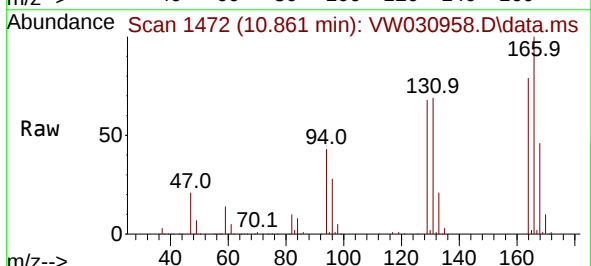
Ion Ratio Lower Upper

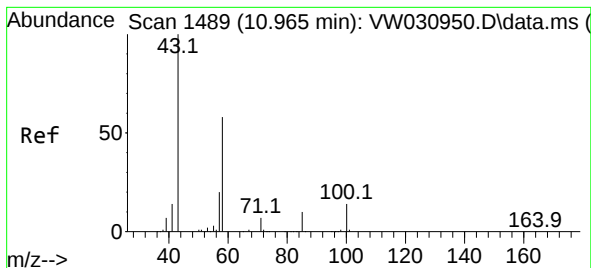
164 100

129 86.7 71.1 132.1

131 87.5 62.6 116.3

166 127.3 83.7 155.5





#48

2-Hexanone

Concen: 56.127 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

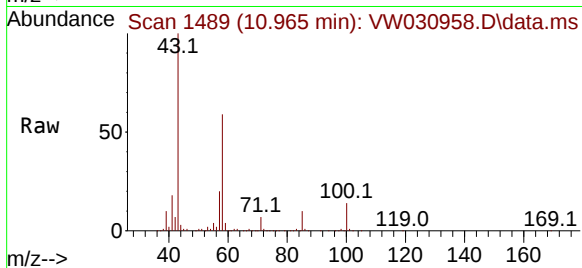
Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 127474

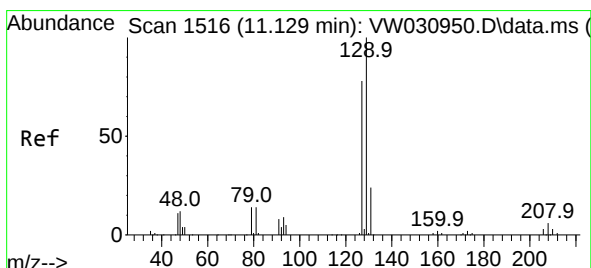
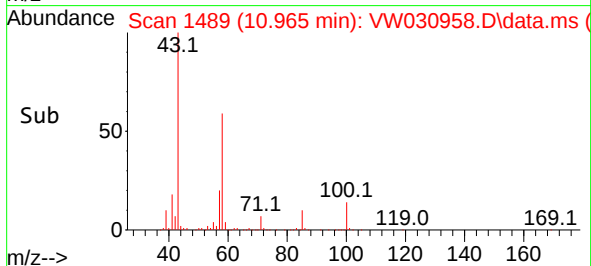
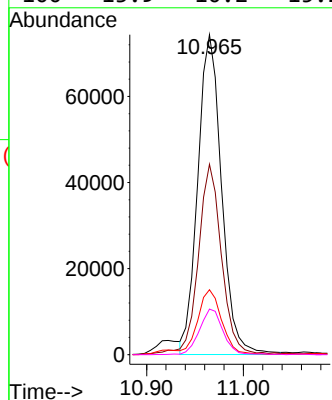
Ion Ratio Lower Upper

43 100

58 57.2 43.8 65.8

57 20.5 15.4 23.2

100 13.9 10.2 15.2



#49

Dibromochloromethane

Concen: 25.070 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030958.D

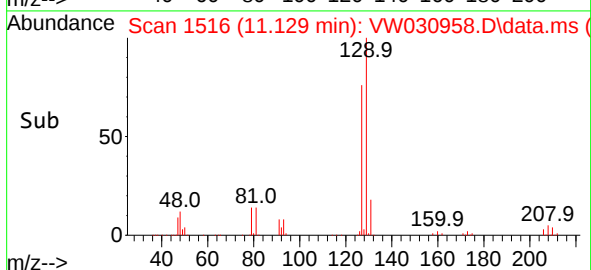
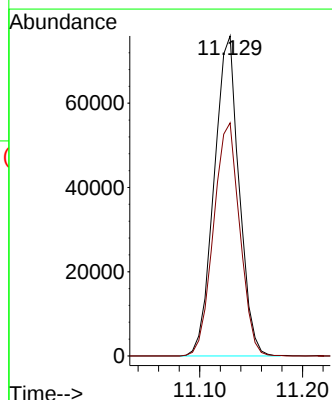
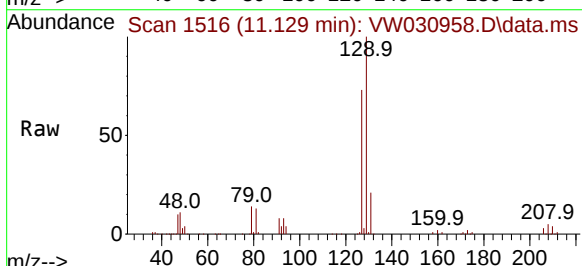
Acq: 07 Nov 2024 16:24

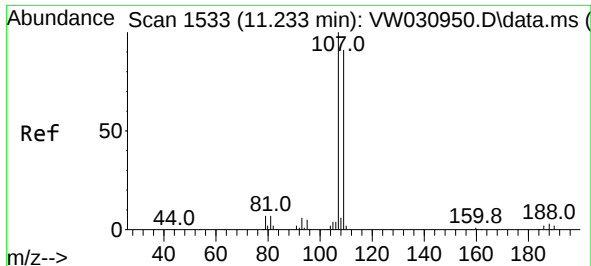
Tgt Ion:129 Resp: 128072

Ion Ratio Lower Upper

129 100

127 72.9 52.1 96.7





#50

1,2-Dibromoethane

Concen: 23.820 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

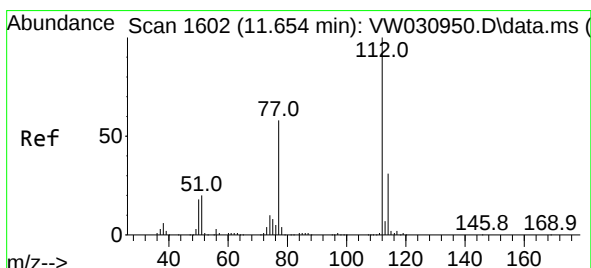
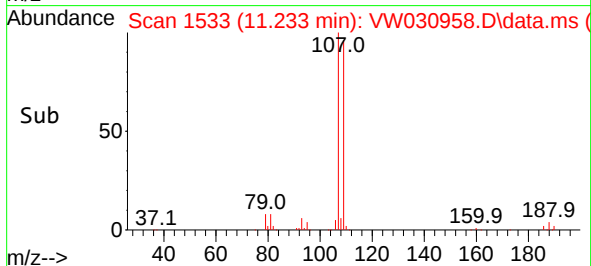
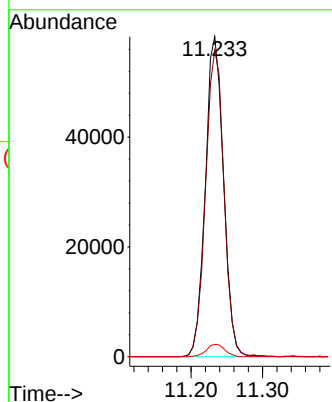
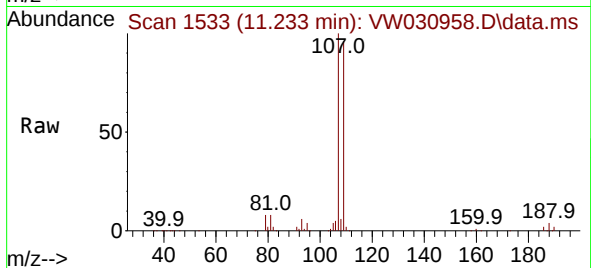
Tgt Ion:107 Resp: 102926

Ion Ratio Lower Upper

107 100

109 95.8 64.3 119.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 23.477 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

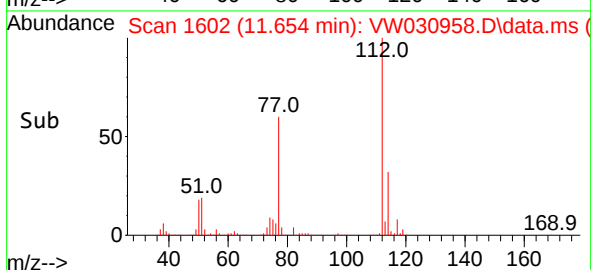
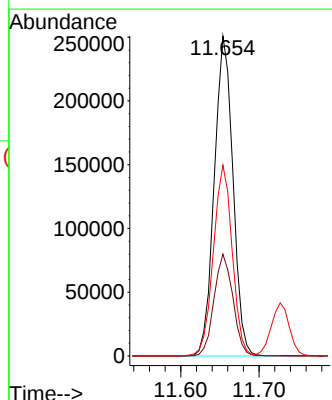
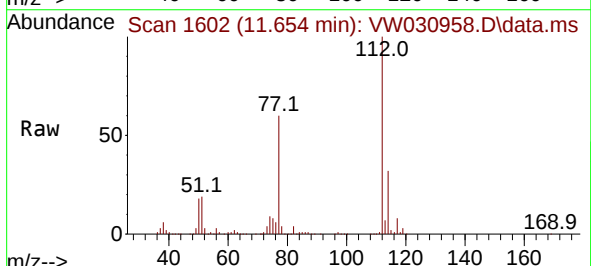
Tgt Ion:112 Resp: 415582

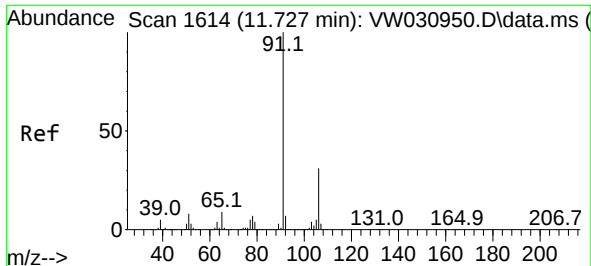
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 59.6 45.3 67.9

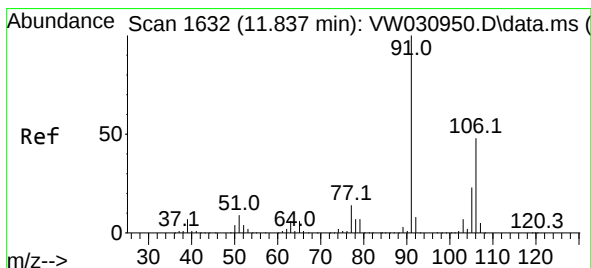
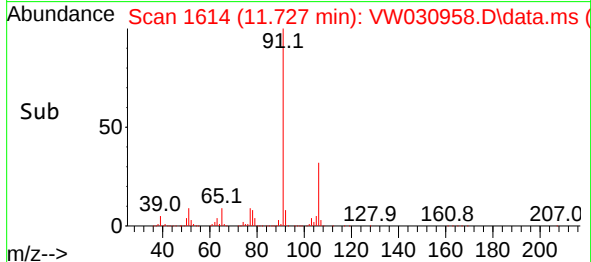
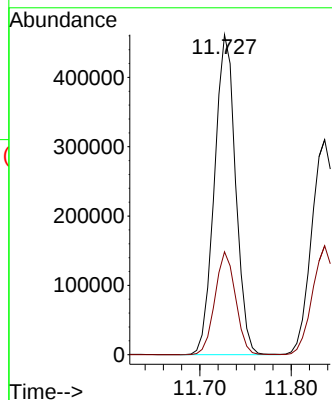
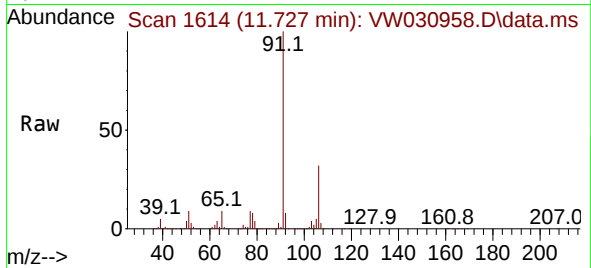




#52
Ethylbenzene
Concen: 23.735 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

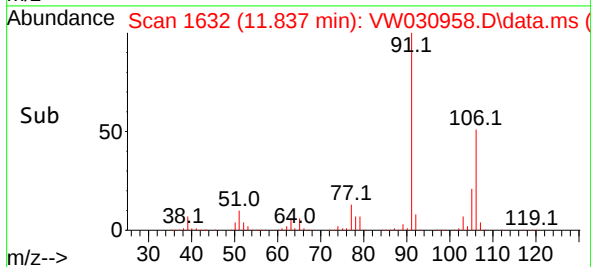
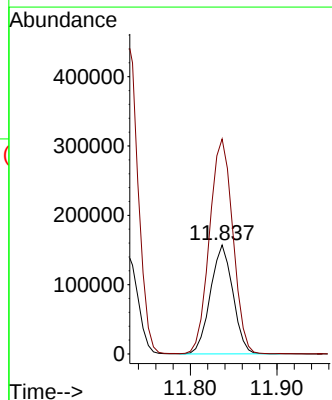
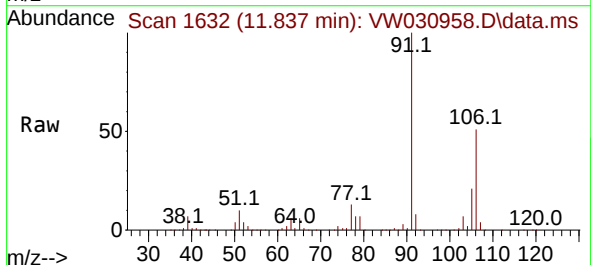
Instrument :
MSVOA_W
ClientSampleId :

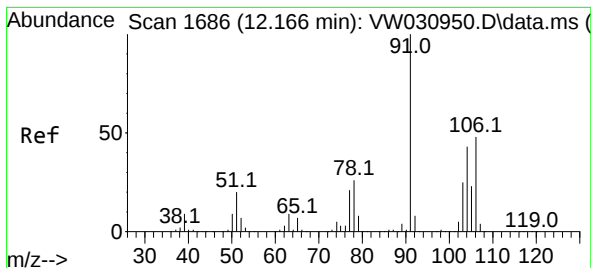
Tgt Ion: 91 Resp: 741767
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0



#53
m,p-Xylene
Concen: 24.055 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion:106 Resp: 282741
Ion Ratio Lower Upper
106 100
91 197.5 140.7 261.3





#54

o-Xylene

Concen: 24.820 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

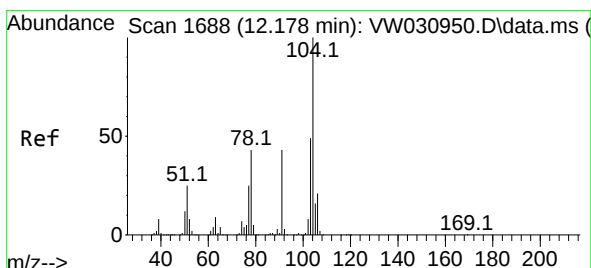
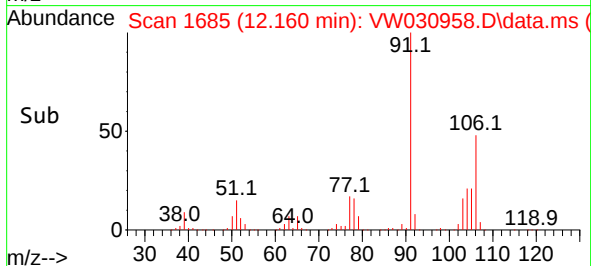
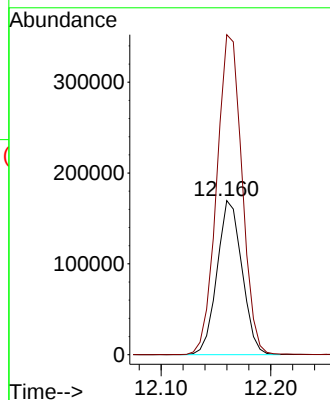
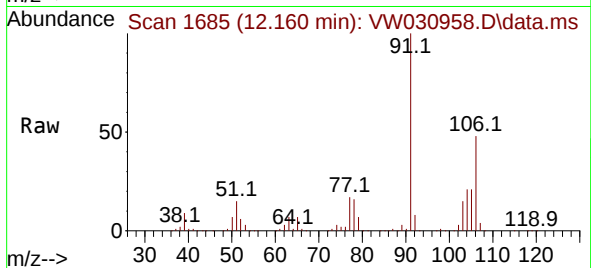
ClientSampleId :

Tgt Ion:106 Resp: 268436

Ion Ratio Lower Upper

106 100

91 207.7 149.9 278.3



#55

Styrene

Concen: 24.931 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030958.D

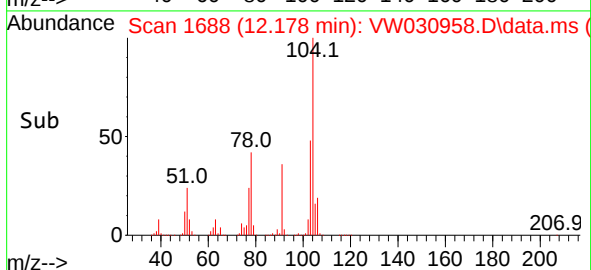
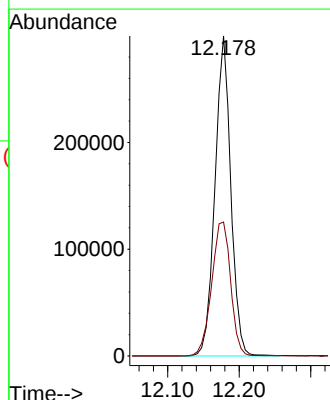
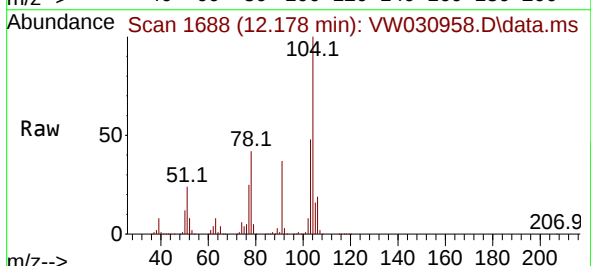
Acq: 07 Nov 2024 16:24

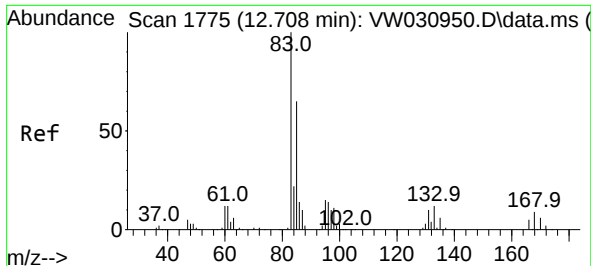
Tgt Ion:104 Resp: 460706

Ion Ratio Lower Upper

104 100

78 41.9 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.981 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

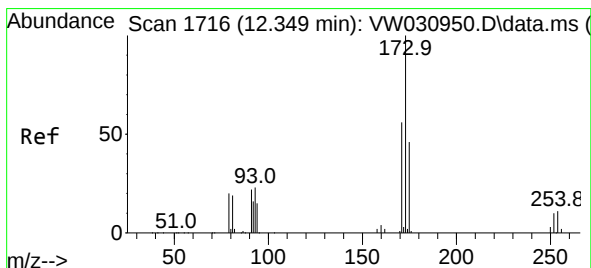
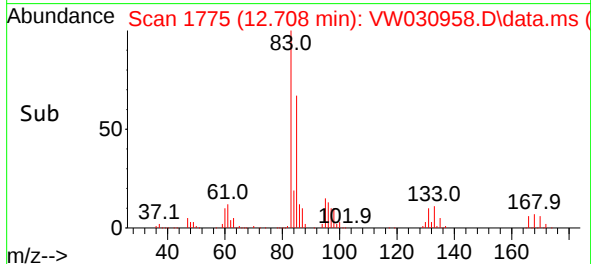
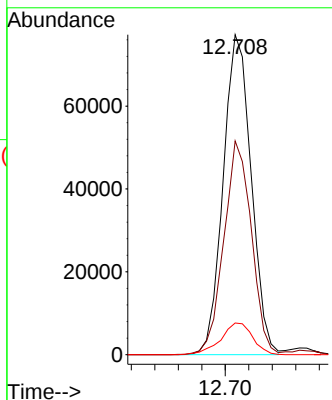
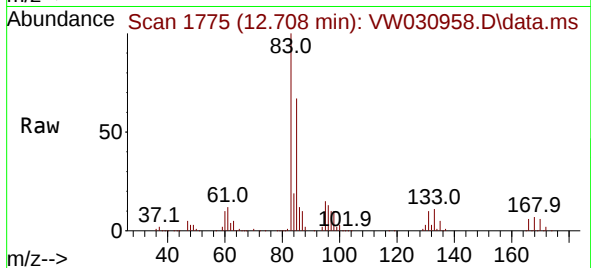
Tgt Ion: 83 Resp: 127739

Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.7

131 9.9 7.7 11.5



#59

Bromoform

Concen: 23.845 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

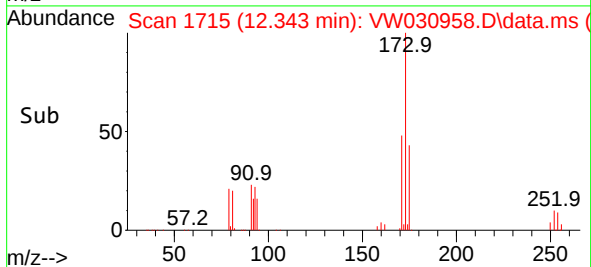
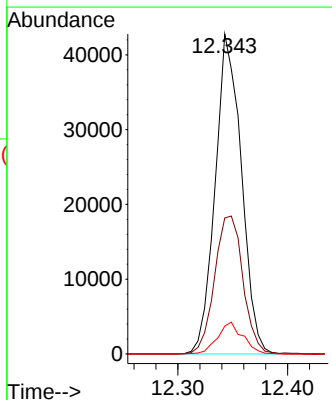
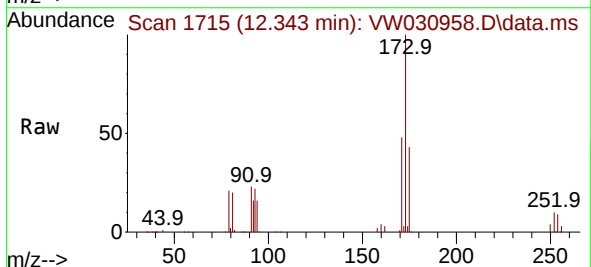
Tgt Ion: 173 Resp: 71048

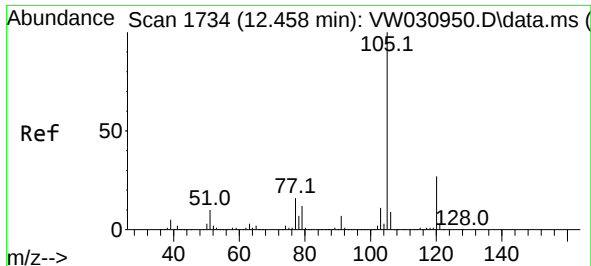
Ion Ratio Lower Upper

173 100

175 46.7 39.3 58.9

254 9.6 7.8 11.6

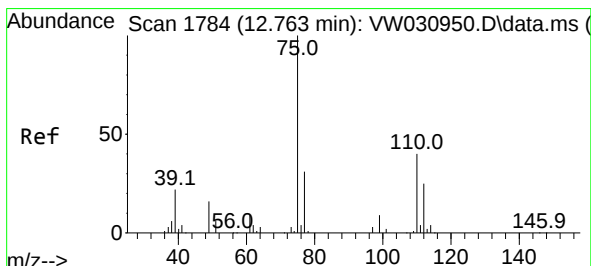
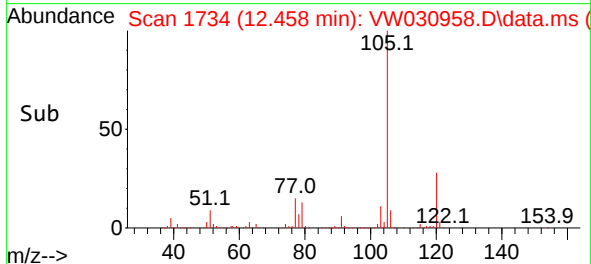
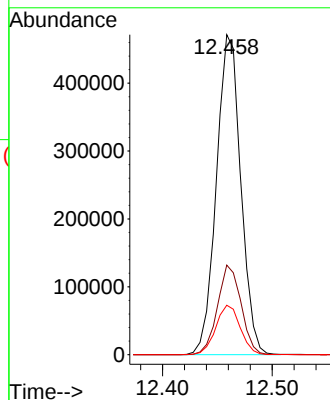
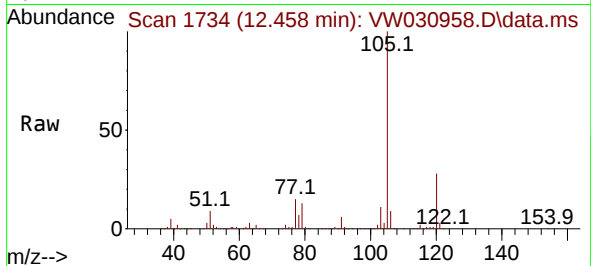




#60
Isopropylbenzene
Concen: 22.914 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

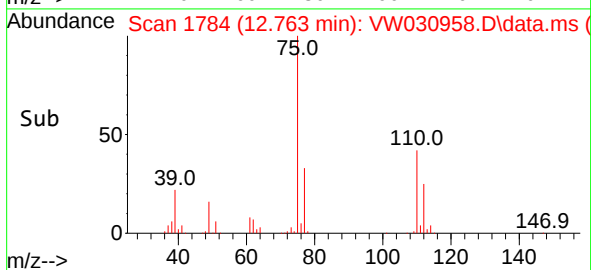
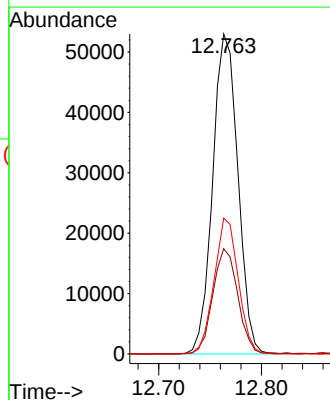
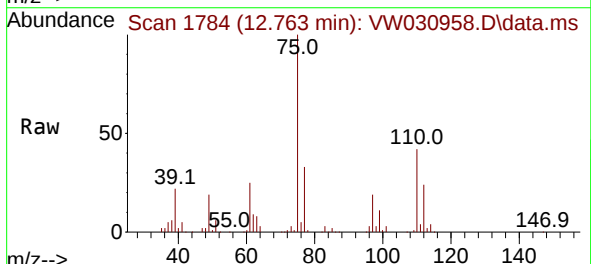
Instrument :
MSVOA_W
ClientSampleId :

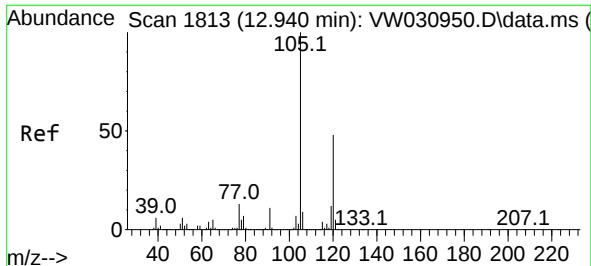
Tgt Ion:105 Resp: 729345
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 15.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 23.086 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion: 75 Resp: 90315
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 40.6 31.8 47.8

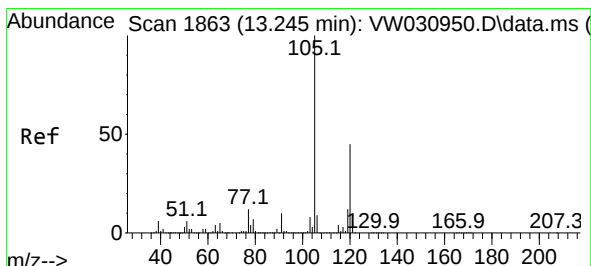
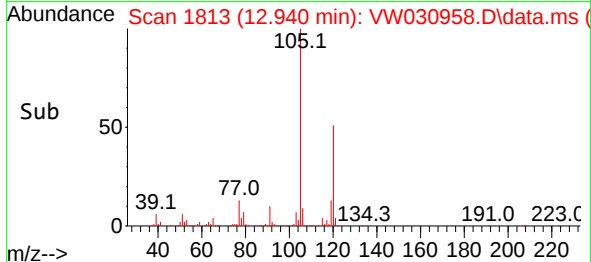
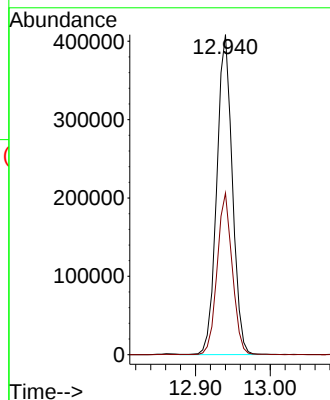
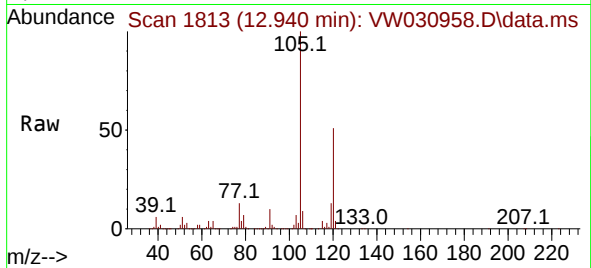




#62
1,3,5-Trimethylbenzene
Concen: 23.564 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

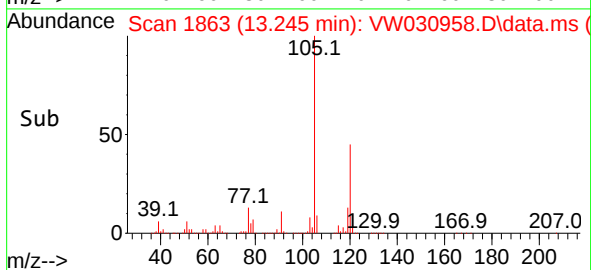
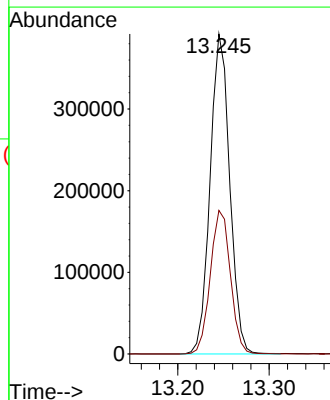
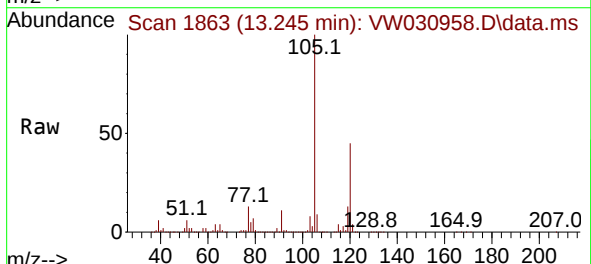
Instrument :
MSVOA_W
ClientSampleId :

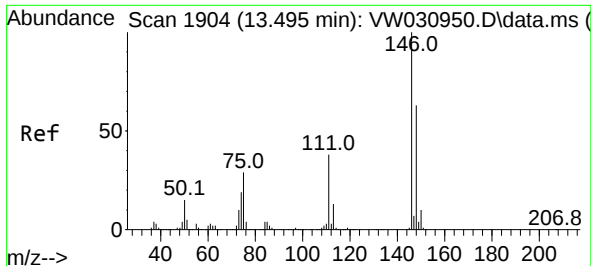
Tgt Ion:105 Resp: 590552
Ion Ratio Lower Upper
105 100
120 49.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 23.904 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion:105 Resp: 583397
Ion Ratio Lower Upper
105 100
120 46.0 35.9 53.9

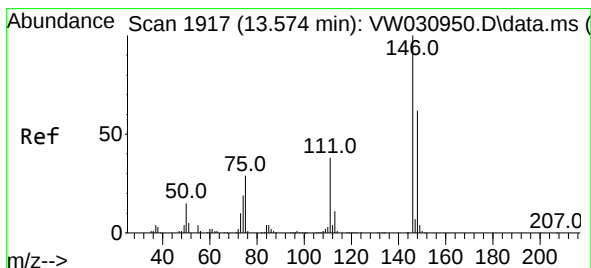
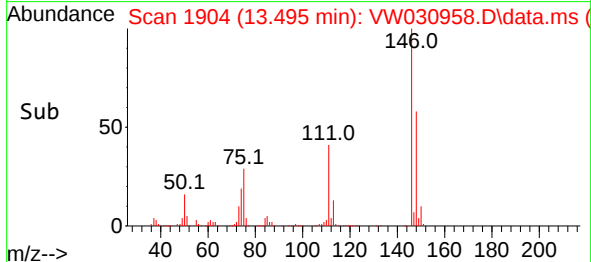
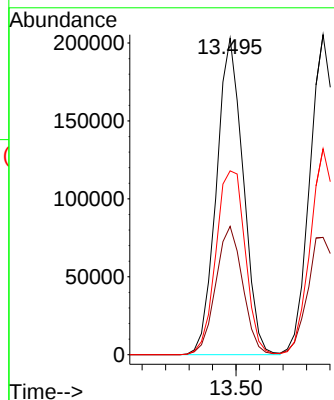
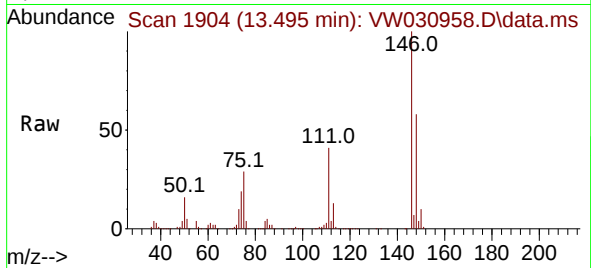




#64
1,3-Dichlorobenzene
Concen: 23.004 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

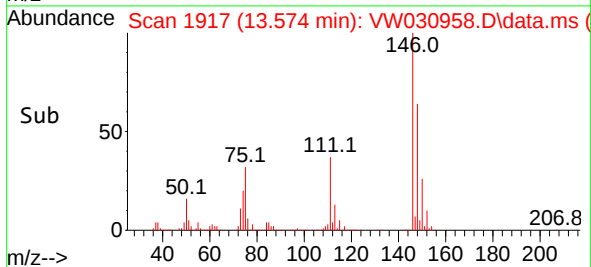
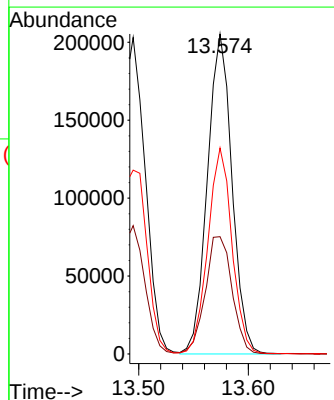
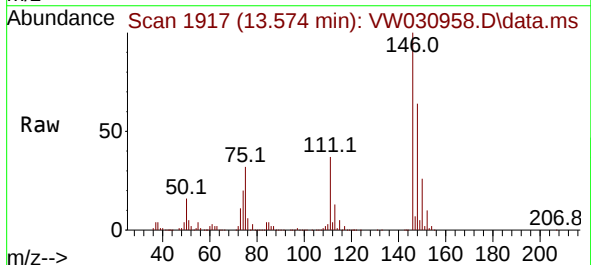
Instrument :
MSVOA_W
ClientSampleId :

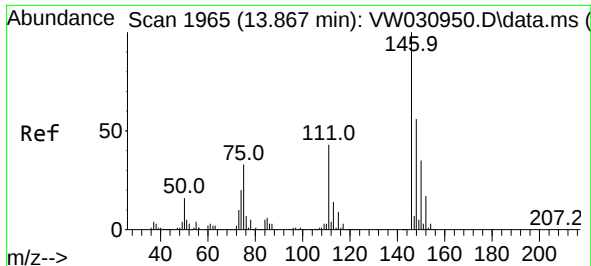
Tgt Ion:146 Resp: 321510
Ion Ratio Lower Upper
146 100
111 40.6 26.8 49.8
148 58.1 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 22.314 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

Tgt Ion:146 Resp: 320176
Ion Ratio Lower Upper
146 100
111 36.7 27.6 51.4
148 64.4 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 22.574 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

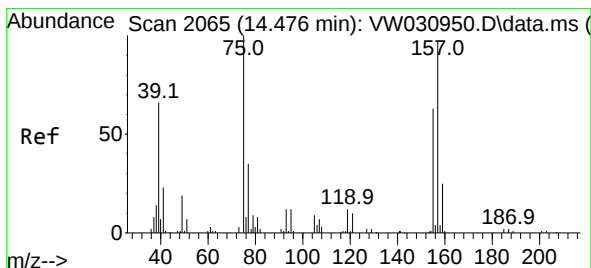
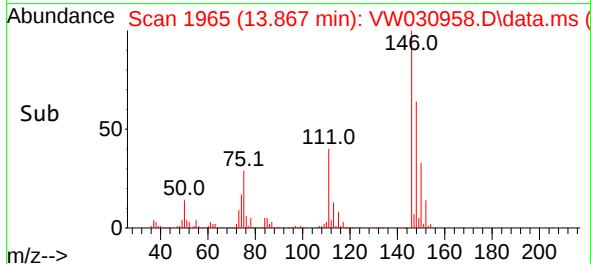
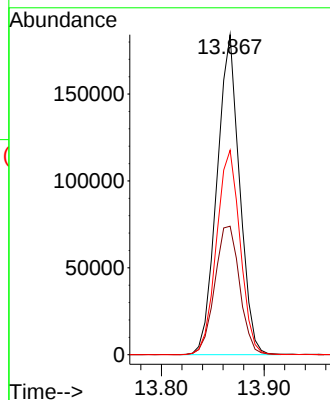
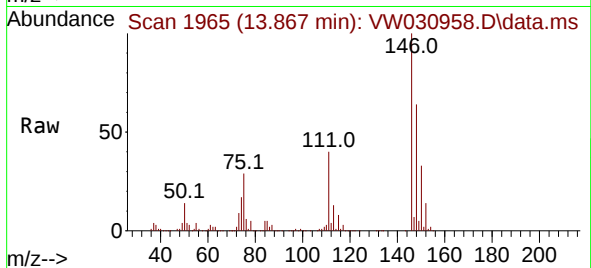
Tgt Ion:146 Resp: 281194

Ion Ratio Lower Upper

146 100

111 40.1 34.3 51.5

148 63.9 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.580 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

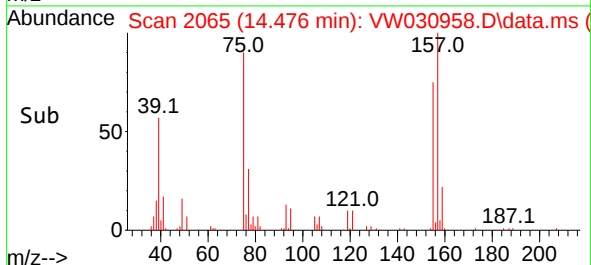
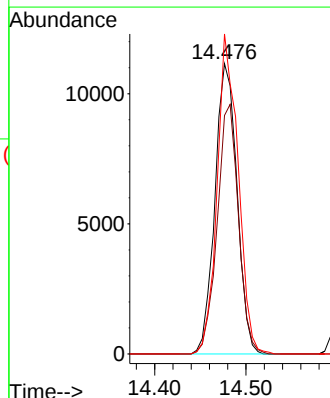
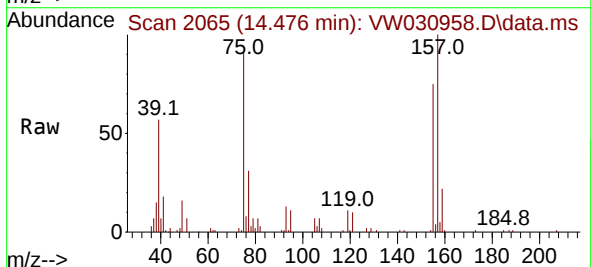
Tgt Ion: 75 Resp: 18702

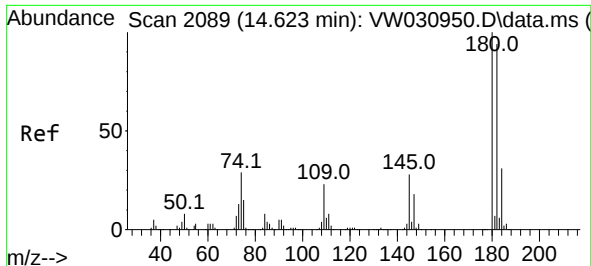
Ion Ratio Lower Upper

75 100

155 82.2 56.2 84.2

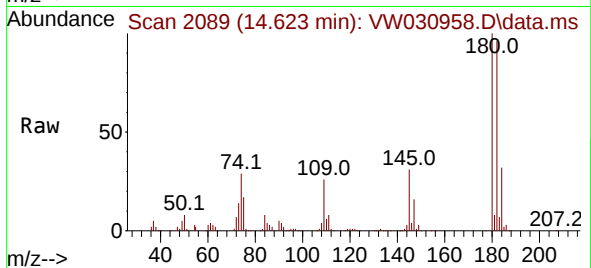
157 110.2 74.9 112.3



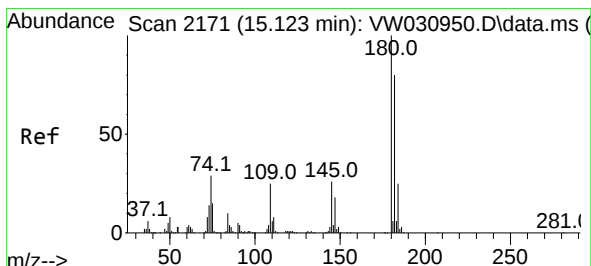
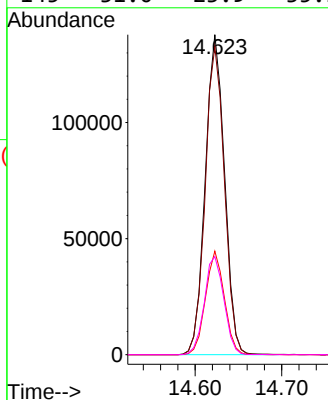
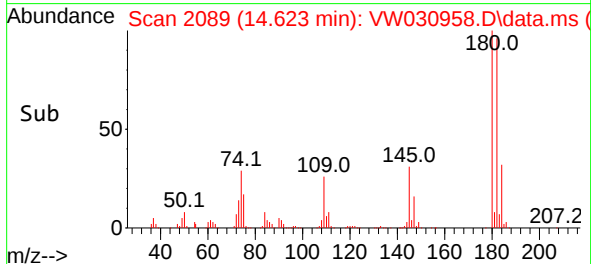


#69
1,3,5-Trichlorobenzene
Concen: 23.064 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24

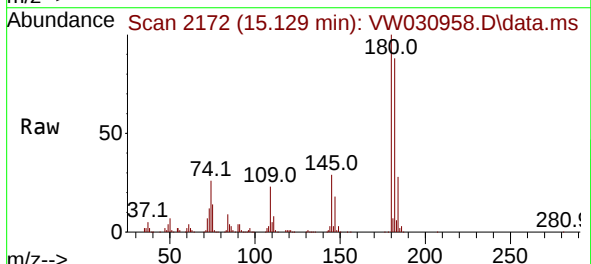
Instrument :
MSVOA_W
ClientSampleId :



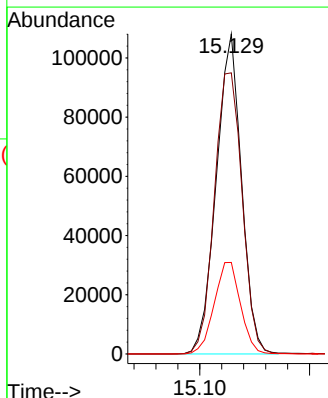
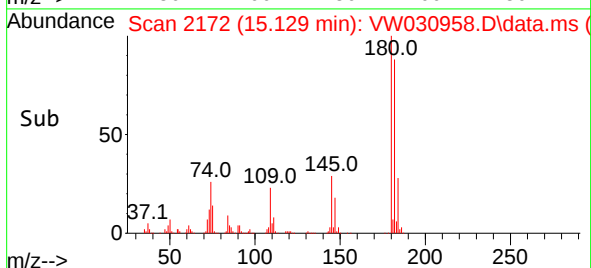
Tgt Ion:	180	Resp:	213907
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
184	31.4	23.9	35.9
145	31.0	23.9	35.9

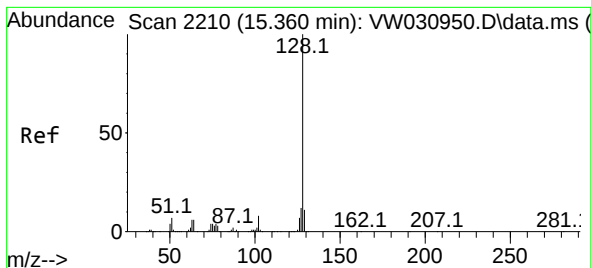


#70
1,2,4-trichlorobenzene
Concen: 23.475 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW030958.D
Acq: 07 Nov 2024 16:24



Tgt Ion:	180	Resp:	172880
Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.5	111.7
145	29.9	24.2	36.2





#71

Naphthalene

Concen: 24.672 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

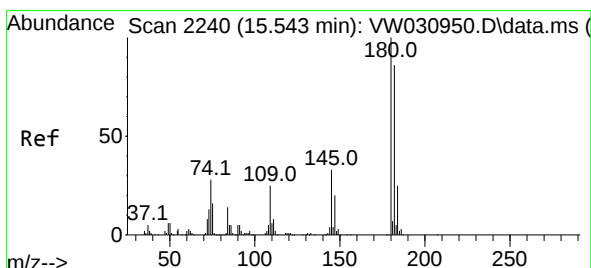
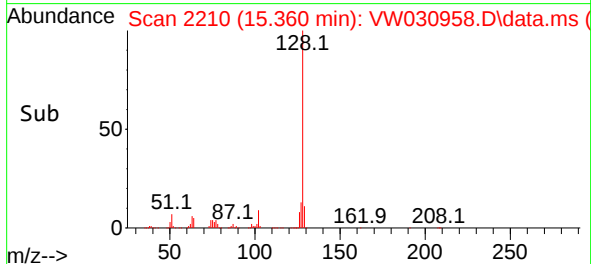
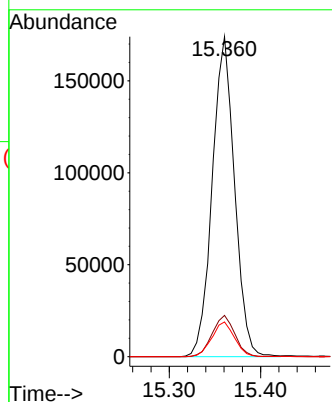
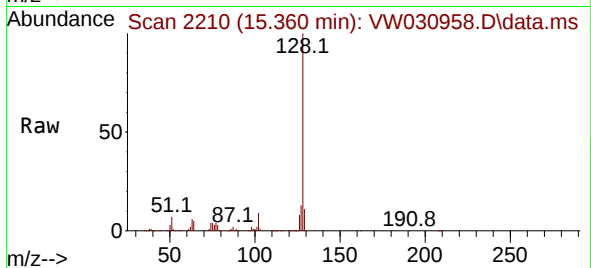
Tgt Ion:128 Resp: 294541

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.984 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030958.D

Acq: 07 Nov 2024 16:24

Tgt Ion:180 Resp: 152219

Ion Ratio Lower Upper

180 100

182 92.1 79.2 118.8

145 33.3 27.0 40.6

