

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031281.D
 Acq On : 16 Dec 2024 18:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 02:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 00:33:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	662484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	570313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	209350	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.899	69	164089	22.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	4.015	65	100099	21.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.680%
21) 2-Butanone-d5	7.094	46	102523	54.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.240%
24) Chloroform-d	7.648	84	419490	23.111	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.301	65	225814	24.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.276	84	818029	22.379	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.520%
36) 1,2-Dichloropropane-d6	9.270	67	236761	22.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.880%
41) Toluene-d8	10.319	98	754026	22.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.575	79	114611	23.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.922	63	83235	58.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185179	27.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	246030	23.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	149816	25.022	ug/L	99
3) Chloromethane	2.216	50	164901	24.516	ug/L	98
5) Vinyl chloride	2.369	62	230151	24.690	ug/L	100
6) Bromomethane	2.790	94	151120	26.370	ug/L	100
8) Chloroethane	2.930	64	143354	25.860	ug/L	100
9) Trichlorofluoromethane	3.265	101	229514	23.113	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	201587	25.140	ug/L	96
12) 1,1-Dichloroethene	4.045	96	202106	24.885	ug/L	90
13) Acetone	4.161	43	136808	52.331	ug/L #	100
14) Carbon disulfide	4.387	76	628551	23.731	ug/L	100
15) Methyl Acetate	4.692	43	94291	31.756	ug/L	99
16) Methylene chloride	4.917	84	210125	25.208	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	228127	26.059	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	420606	28.739	ug/L	99
19) 1,1-Dichloroethane	6.216	63	427958	26.160	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	250526	26.450	ug/L	99
22) 2-Butanone	7.185	43	166978	52.714	ug/L	99
23) Bromochloromethane	7.514	128	108368	28.688	ug/L	95
25) Chloroform	7.673	83	450909	27.928	ug/L	99

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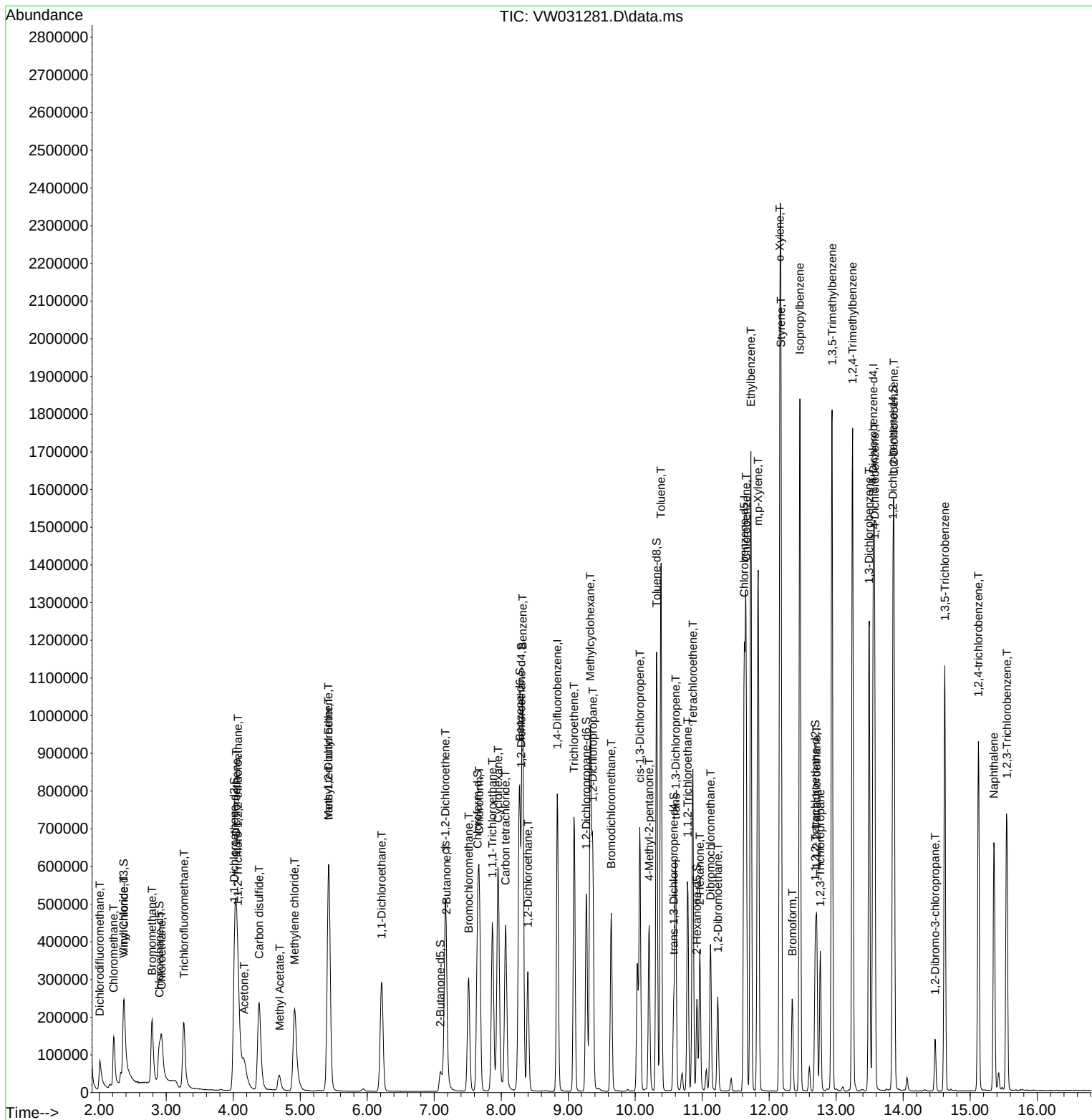
Instrument :
 MSVOA_W
 ClientSampleId :

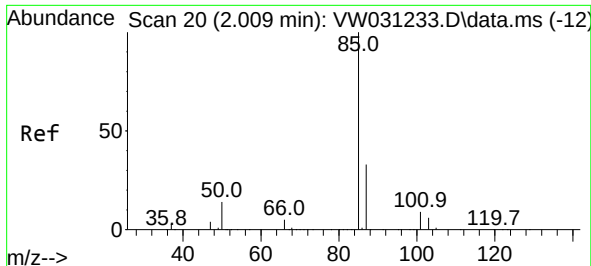
Quant Time: Dec 17 02:32:46 2024
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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 00:33:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	295274	29.090	ug/L	99
29) Cyclohexane	7.953	56	366113	23.671	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	367079	24.902	ug/L	100
31) Carbon tetrachloride	8.063	117	332382	25.309	ug/L	100
33) Benzene	8.319	78	916529	26.005	ug/L	100
34) Trichloroethene	9.087	95	256553	25.784	ug/L	93
35) Methylcyclohexane	9.331	83	407773	23.532	ug/L	100
37) 1,2-Dichloropropane	9.368	63	233416	26.548	ug/L	99
38) Bromodichloromethane	9.642	83	309857	27.109	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	399968	26.921	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	284028	60.890	ug/L	100
42) Toluene	10.386	91	1008139	26.273	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	338462	27.900	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	175277	29.972	ug/L	97
46) Tetrachloroethene	10.861	164	182837	25.086	ug/L	92
48) 2-Hexanone	10.965	43	233915	58.962	ug/L	99
49) Dibromochloromethane	11.123	129	204122	29.446	ug/L	99
50) 1,2-Dibromoethane	11.233	107	164459	29.686	ug/L	95
51) Chlorobenzene	11.654	112	641855	26.679	ug/L	97
52) Ethylbenzene	11.727	91	1172174	26.358	ug/L	96
53) m,p-Xylene	11.837	106	444475	26.254	ug/L	99
54) o-Xylene	12.160	106	427043	26.764	ug/L	94
55) Styrene	12.178	104	721905	27.200	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	200353	31.781	ug/L	97
59) Bromoform	12.349	173	108599	27.432	ug/L	97
60) Isopropylbenzene	12.459	105	1177112	25.525	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	149013	30.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	975911	24.961	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	955465	25.284	ug/L	98
64) 1,3-Dichlorobenzene	13.489	146	499672	26.743	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	493736	26.670	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	435732	27.066	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35866	29.309	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	325583	24.881	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	294600	27.064	ug/L	94
71) Naphthalene	15.354	128	569531	29.843	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240324	27.402	ug/L	96

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

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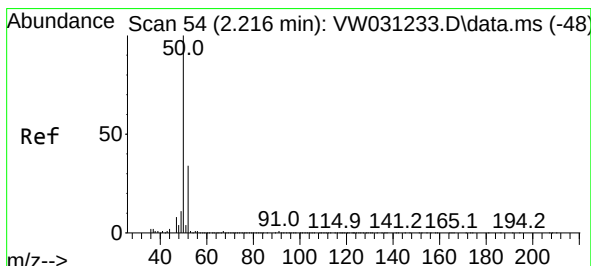
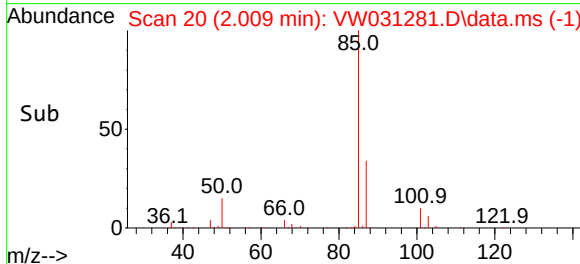
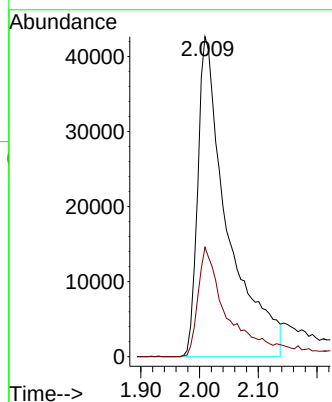
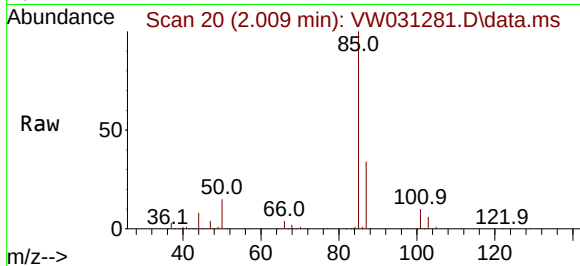




#2
 Dichlorodifluoromethane
 Concen: 25.022 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

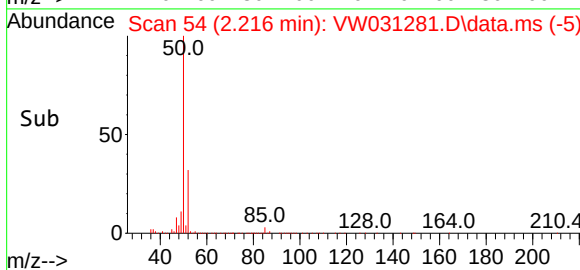
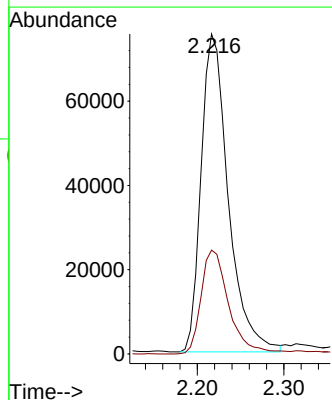
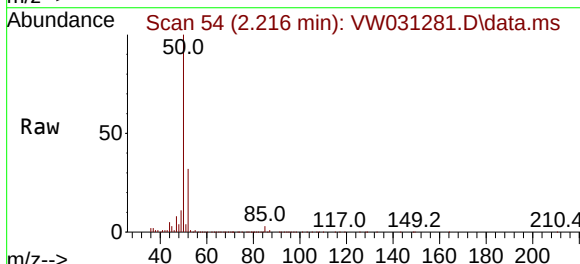
Instrument :
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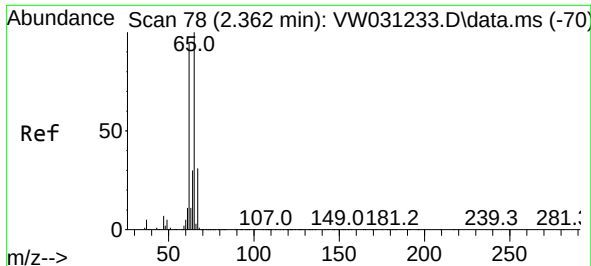
Tgt Ion: 85 Resp: 149816
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.9 37.3



#3
 Chloromethane
 Concen: 24.516 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

Tgt Ion: 50 Resp: 164901
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

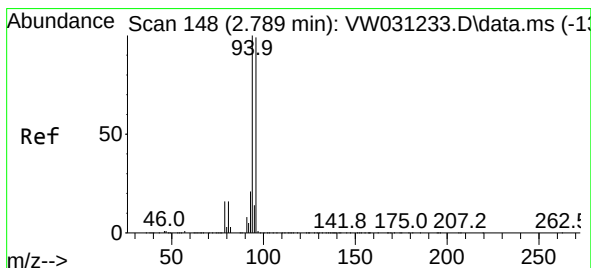
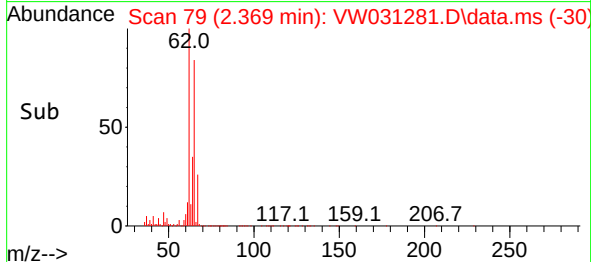
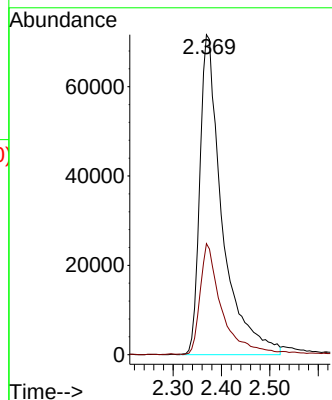
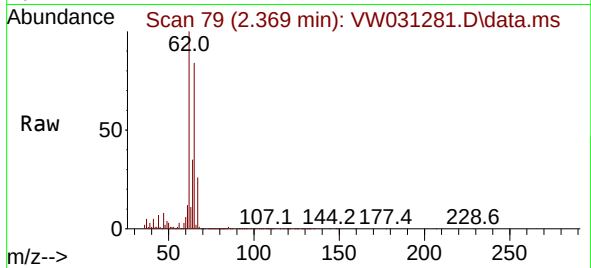




#5
 Vinyl chloride
 Concen: 24.690 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

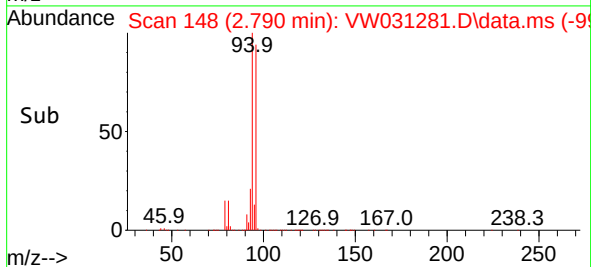
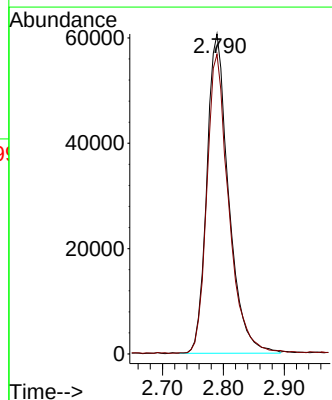
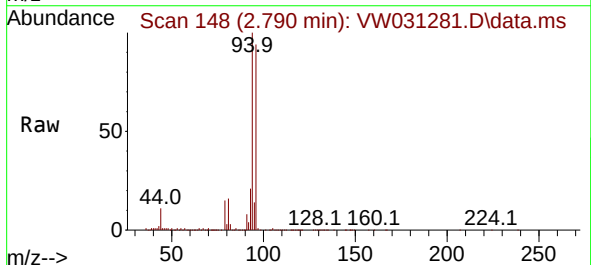
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 ClientSampleId :

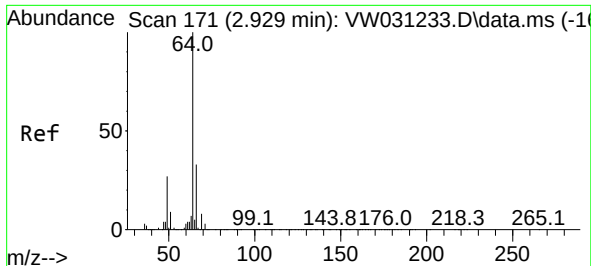
Tgt Ion: 62 Resp: 230151
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.1 44.8



#6
 Bromomethane
 Concen: 26.370 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

Tgt Ion: 94 Resp: 151120
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

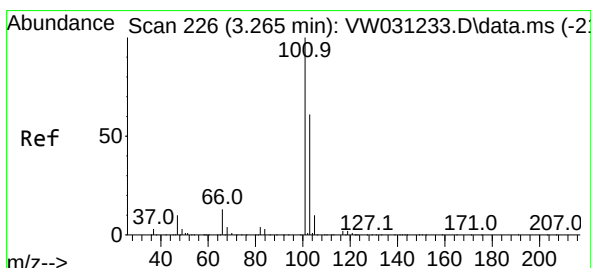
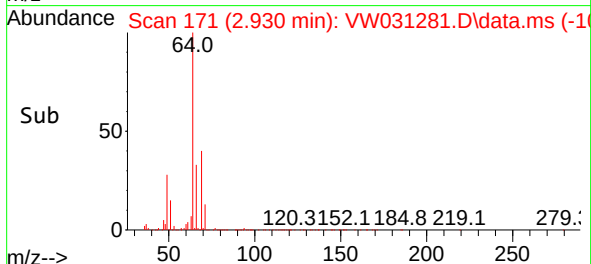
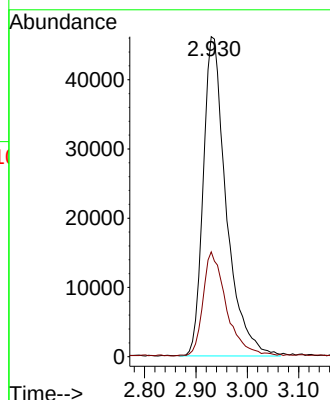
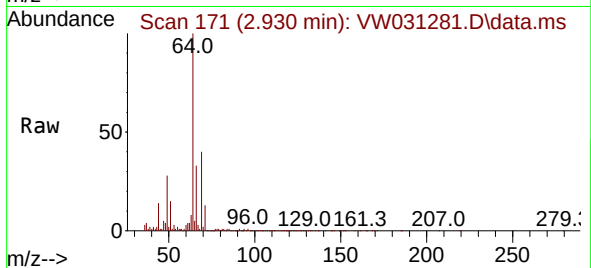




#8
Chloroethane
Concen: 25.860 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

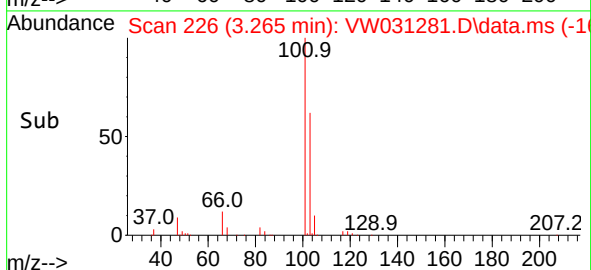
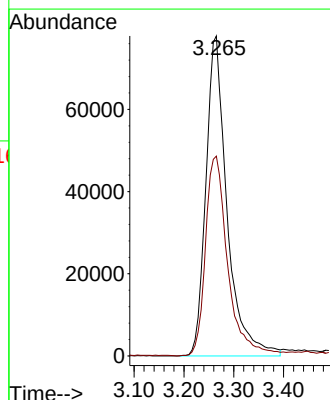
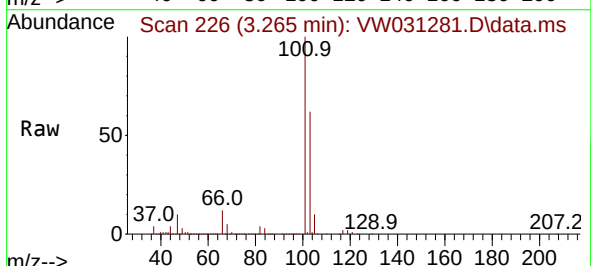
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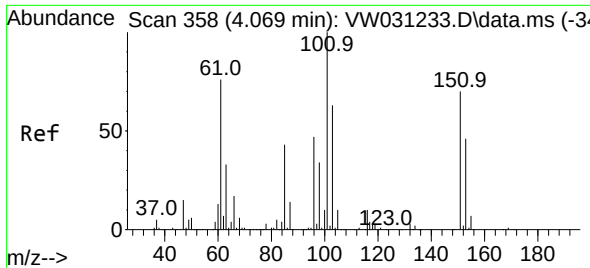
Tgt Ion: 64 Resp: 143354
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.113 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion:101 Resp: 229514
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

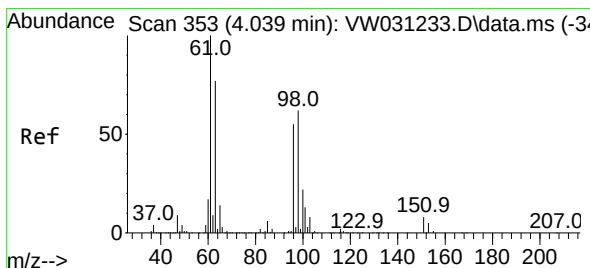
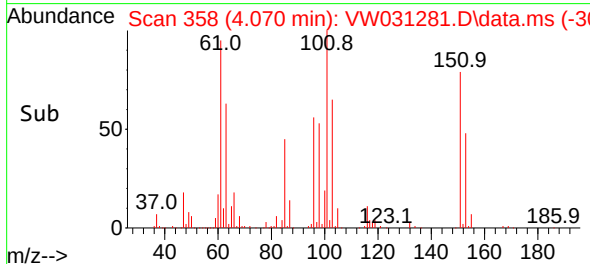
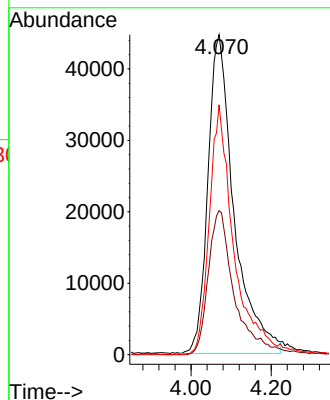
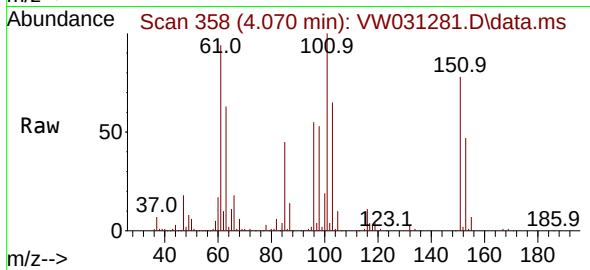




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.140 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

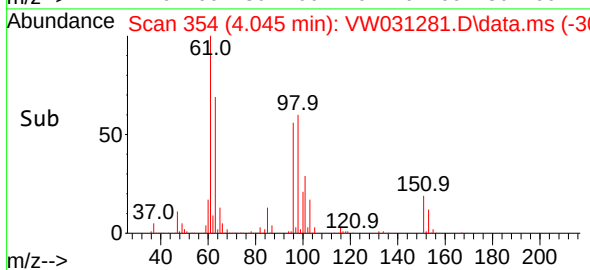
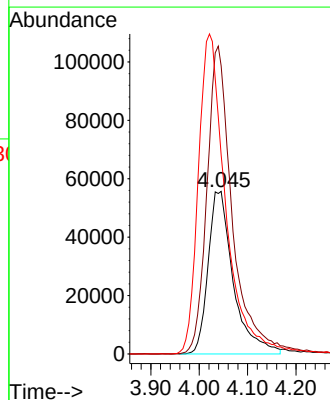
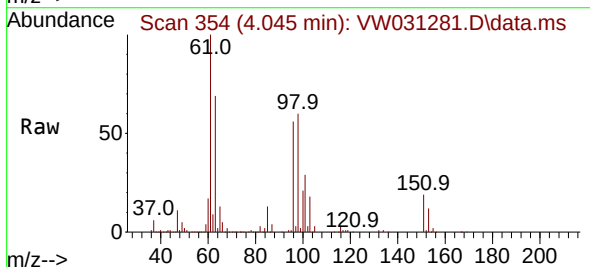
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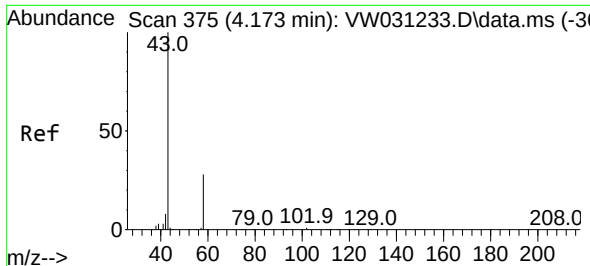
Tgt Ion:101 Resp: 201587
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.0 49.4
 151 72.6 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.885 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

Tgt Ion: 96 Resp: 202106
 Ion Ratio Lower Upper
 96 100
 61 177.2 125.3 232.7
 63 122.3 104.6 194.2

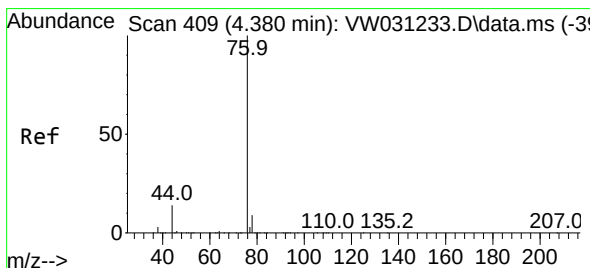
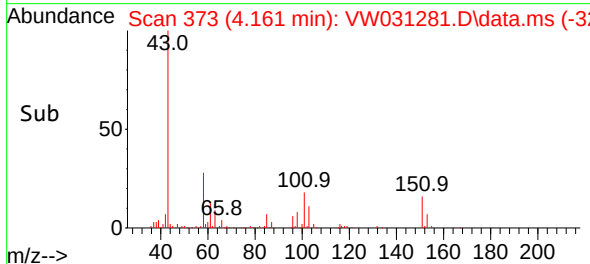
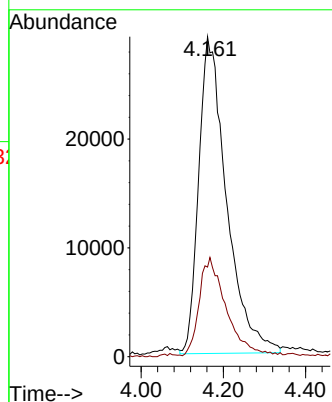
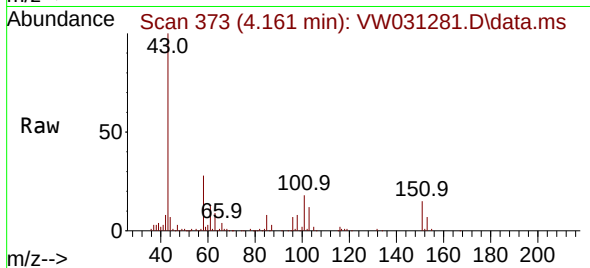




#13
Acetone
Concen: 52.331 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

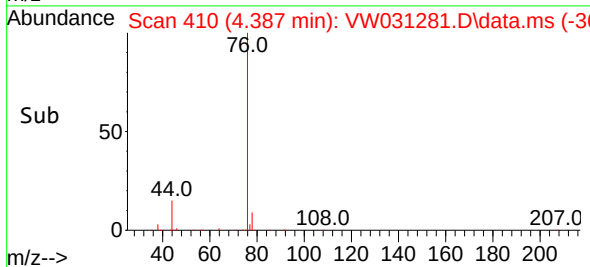
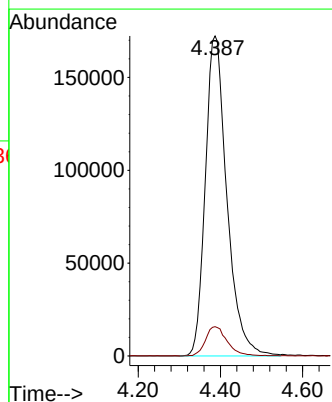
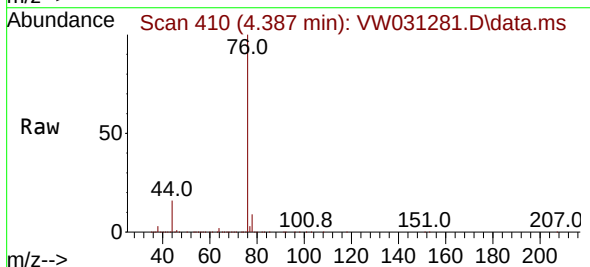
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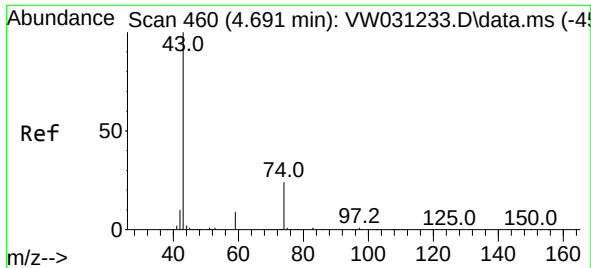
Tgt Ion: 43 Resp: 136808
Ion Ratio Lower Upper
43 100
58 29.4 0.0 0.0#



#14
Carbon disulfide
Concen: 23.731 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 76 Resp: 628551
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

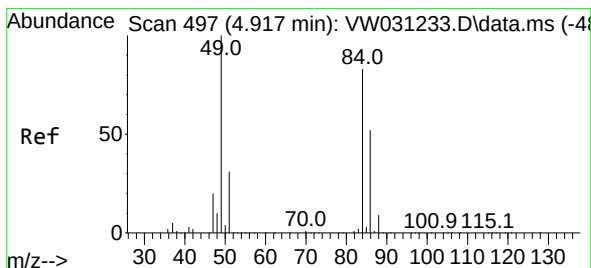
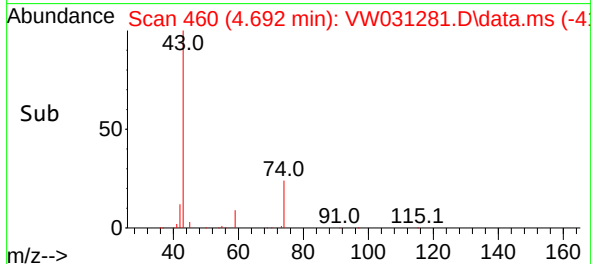
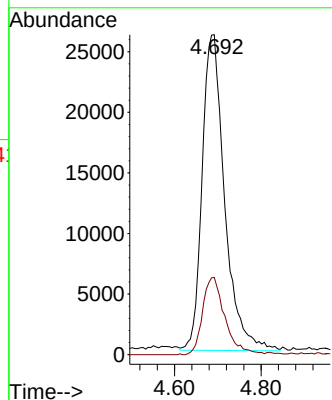
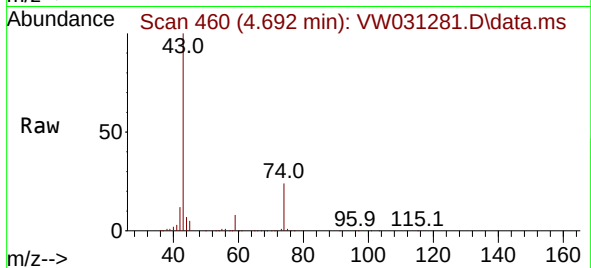




#15
Methyl Acetate
Concen: 31.756 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

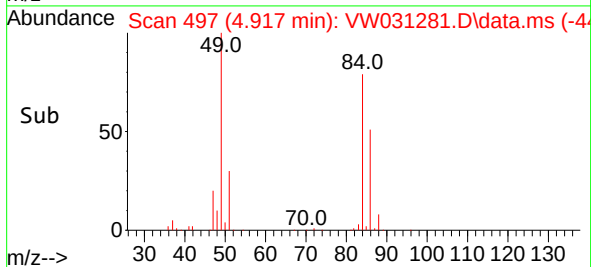
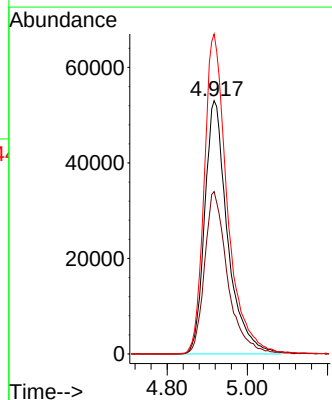
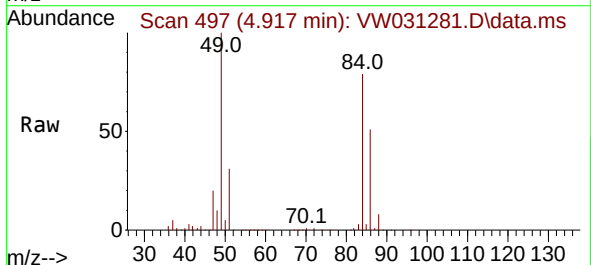
Instrument :
MSVOA_W
ClientSampleId :

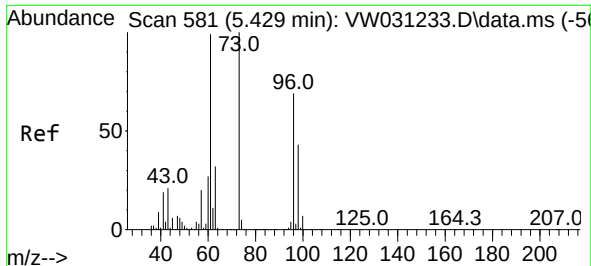
Tgt Ion: 43 Resp: 94291
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3



#16
Methylene chloride
Concen: 25.208 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 84 Resp: 210125
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 126.3 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 26.059 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

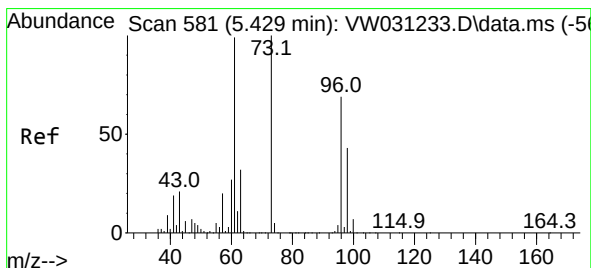
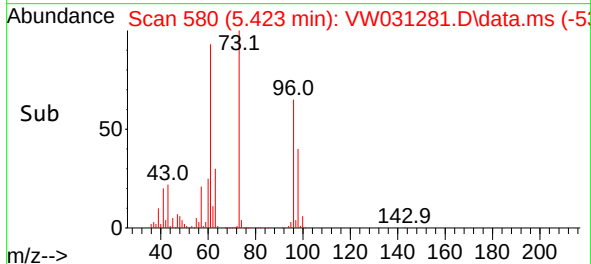
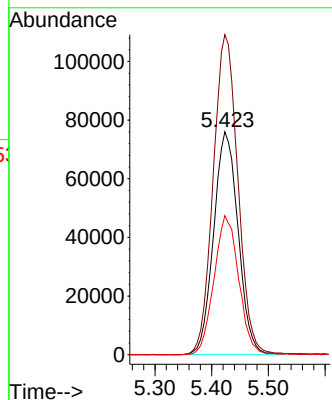
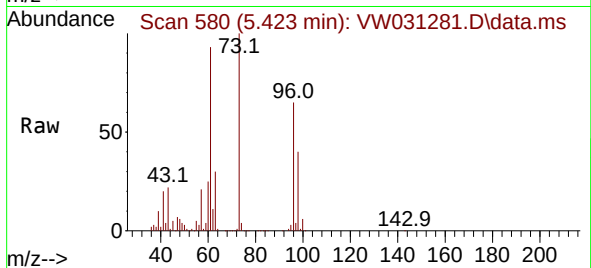
Tgt Ion: 96 Resp: 228127

Ion Ratio Lower Upper

96 100

61 143.5 100.7 187.1

98 62.4 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 28.739 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

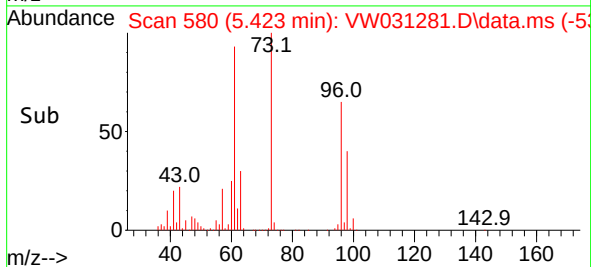
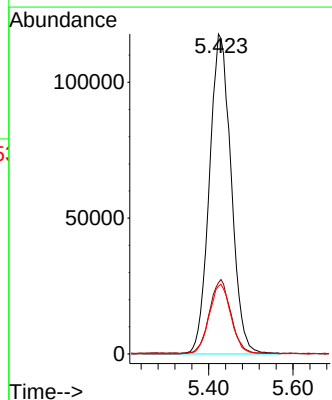
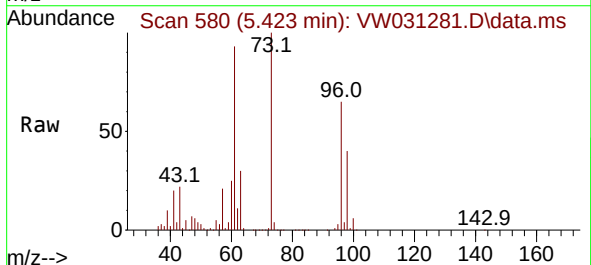
Tgt Ion: 73 Resp: 420606

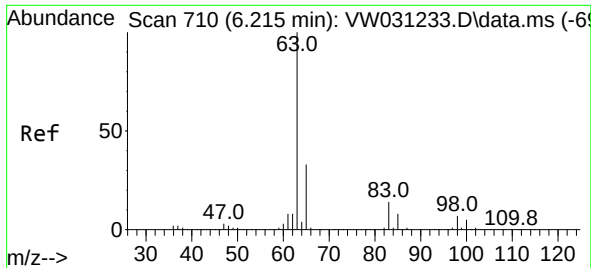
Ion Ratio Lower Upper

73 100

43 22.8 17.9 26.9

57 21.8 17.9 26.9

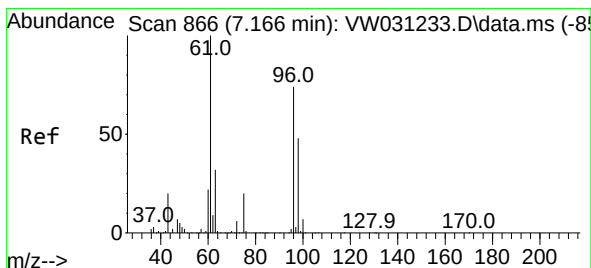
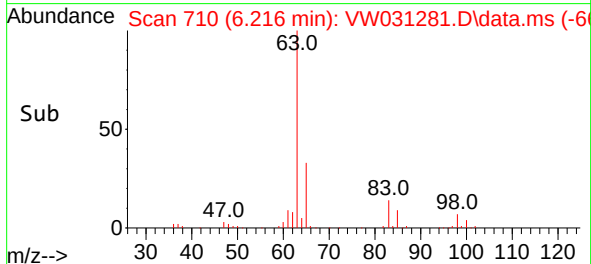
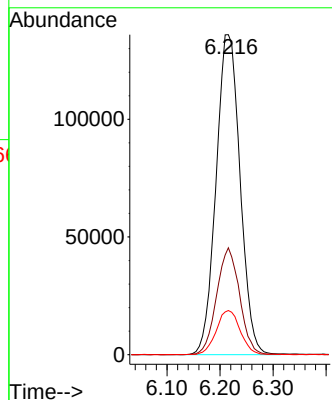
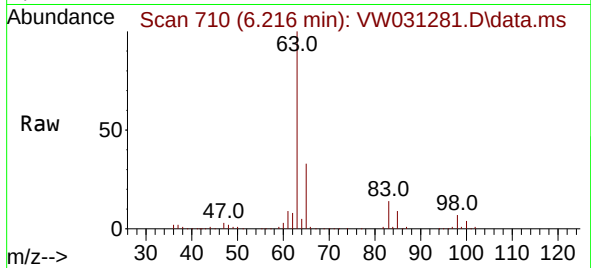




#19
1,1-Dichloroethane
Concen: 26.160 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

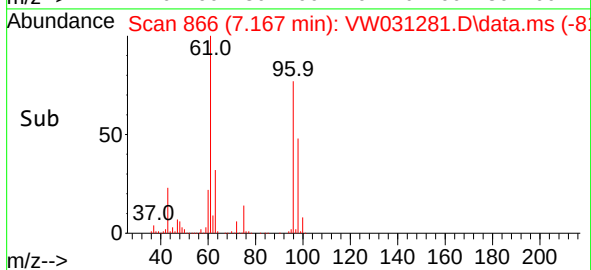
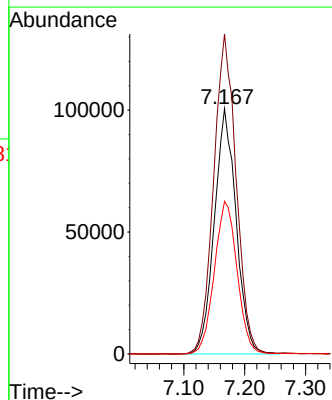
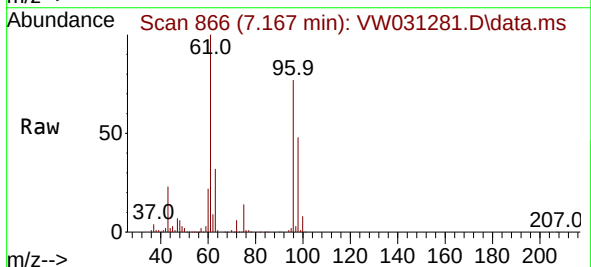
Instrument :
MSVOA_W
ClientSampleId :

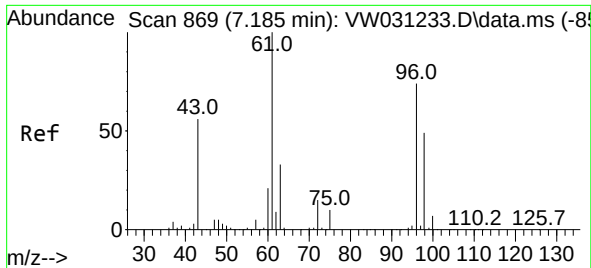
Tgt Ion: 63 Resp: 427958
Ion Ratio Lower Upper
63 100
65 33.4 21.9 40.7
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 26.450 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 96 Resp: 250526
Ion Ratio Lower Upper
96 100
61 130.5 92.2 171.2
98 62.2 43.7 81.1

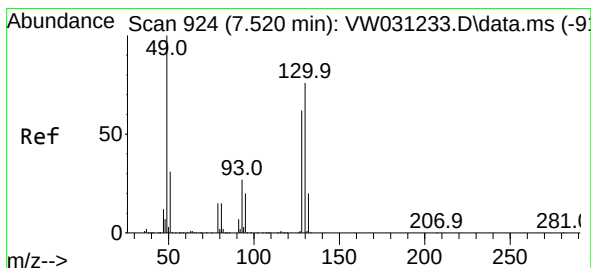
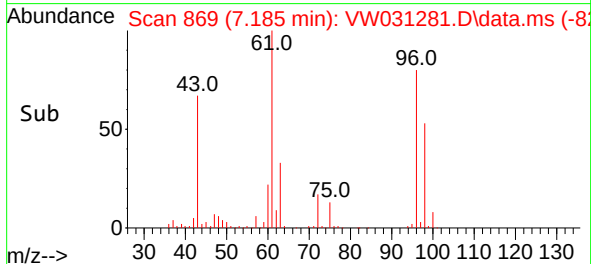
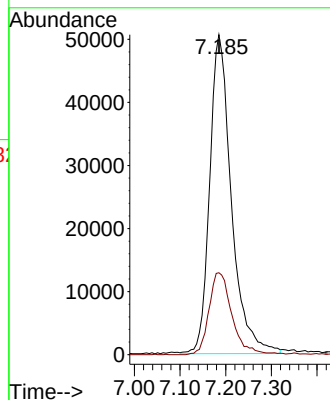
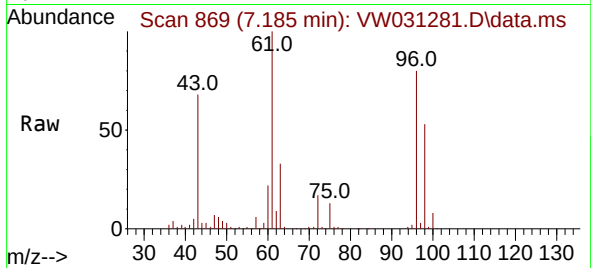




#22
2-Butanone
Concen: 52.714 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

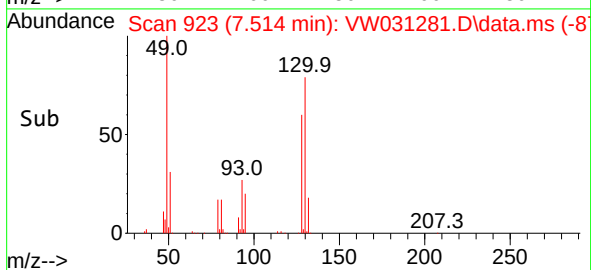
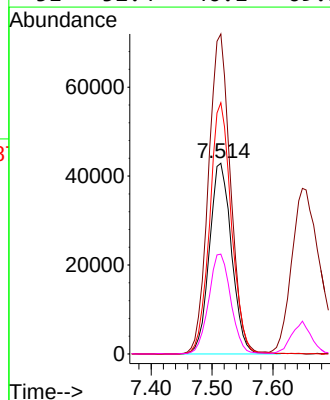
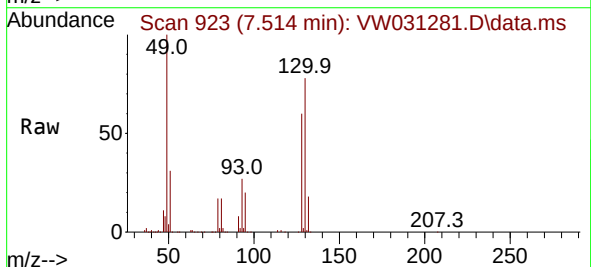
Instrument :
MSVOA_W
ClientSampleId :

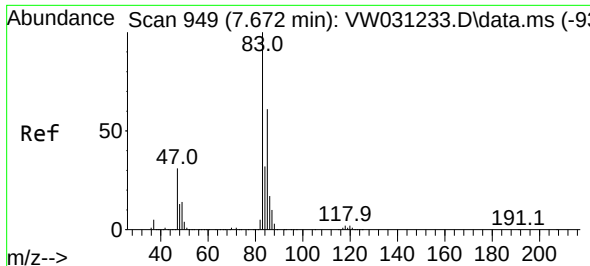
Tgt Ion: 43 Resp: 166978
Ion Ratio Lower Upper
43 100
72 26.9 13.3 39.8



#23
Bromochloromethane
Concen: 28.688 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion:128 Resp: 108368
Ion Ratio Lower Upper
128 100
49 167.8 123.7 229.7
130 131.7 90.3 167.7
51 52.4 46.1 69.1

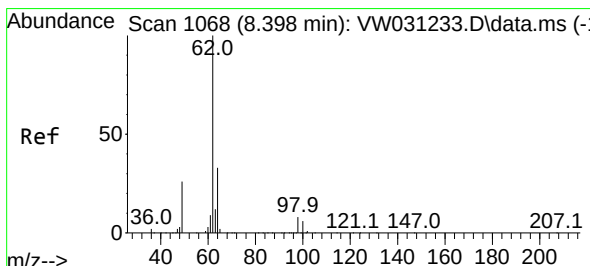
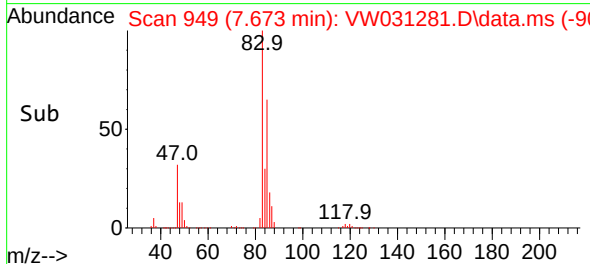
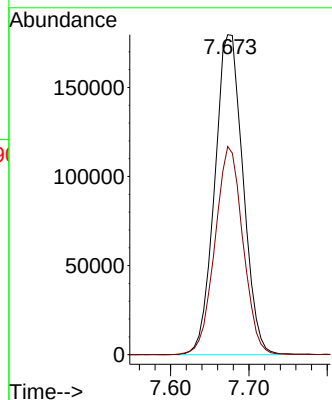
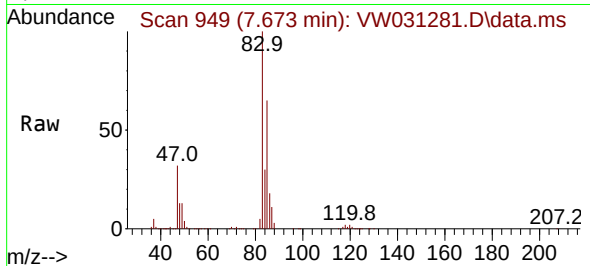




#25
Chloroform
Concen: 27.928 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

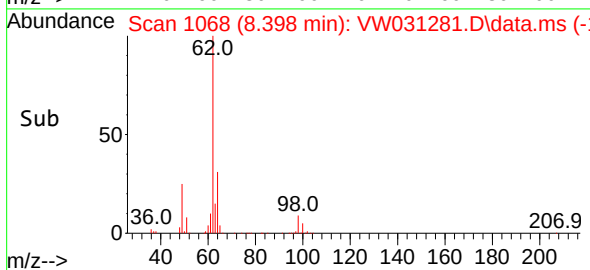
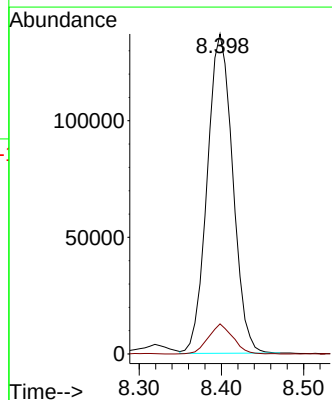
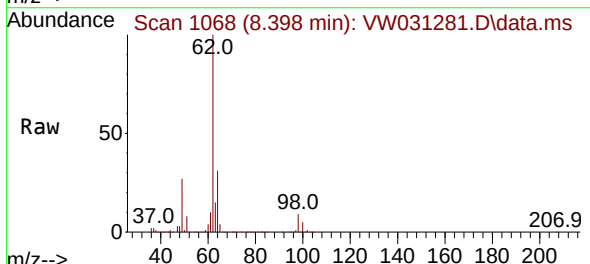
Instrument :
MSVOA_W
ClientSampleId :

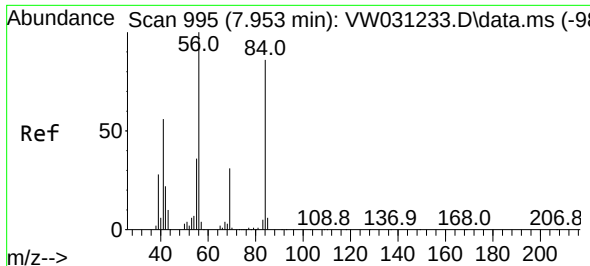
Tgt Ion: 83 Resp: 450909
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5



#27
1,2-Dichloroethane
Concen: 29.090 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

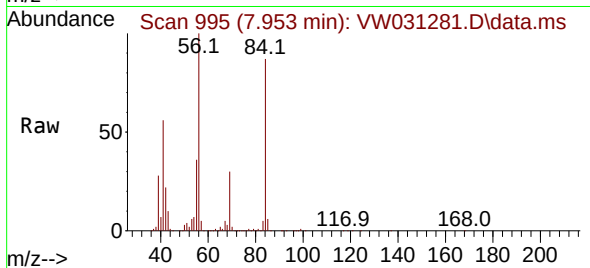
Tgt Ion: 62 Resp: 295274
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8



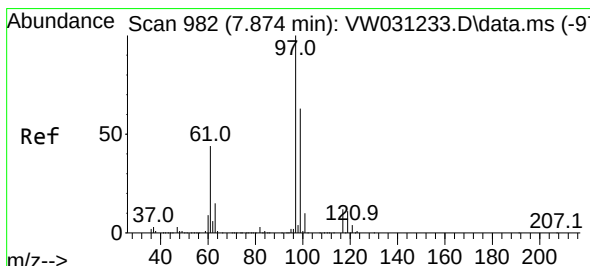
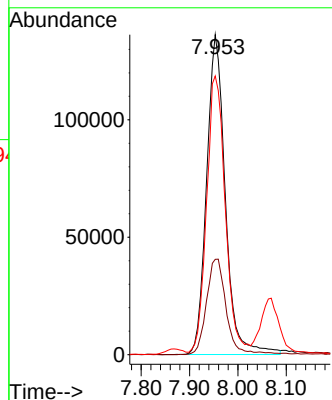
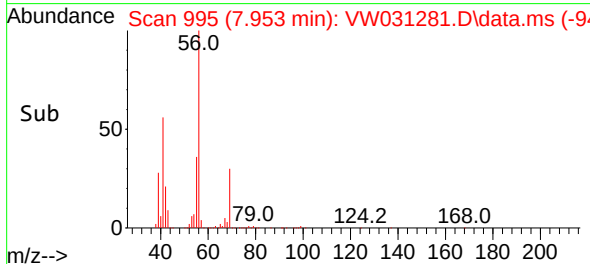


#29
Cyclohexane
Concen: 23.671 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_W
ClientSampleId :

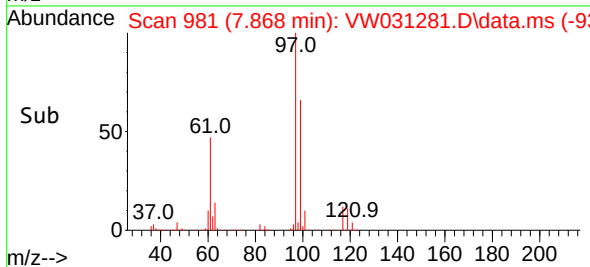
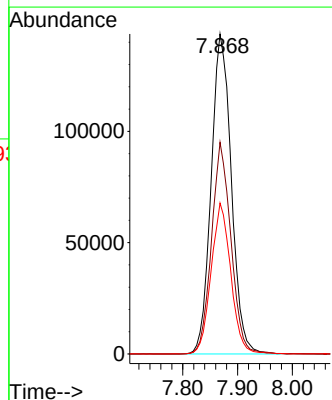
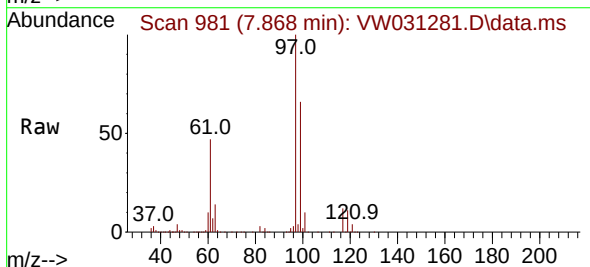


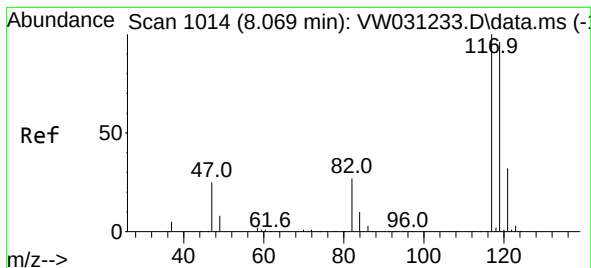
Tgt Ion: 56 Resp: 366113
Ion Ratio Lower Upper
56 100
69 30.4 25.0 37.4
84 86.7 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 24.902 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 97 Resp: 367079
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.0 36.3 54.5





#31

Carbon tetrachloride

Concen: 25.309 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

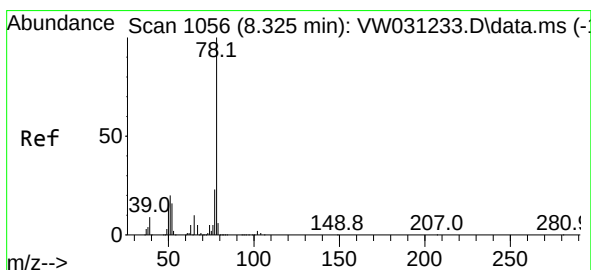
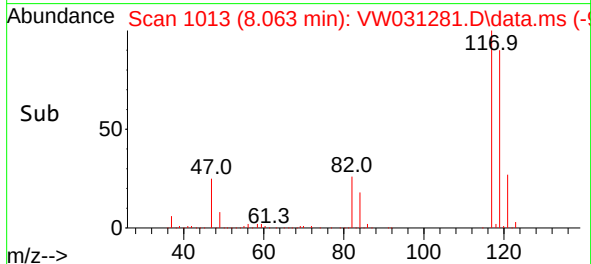
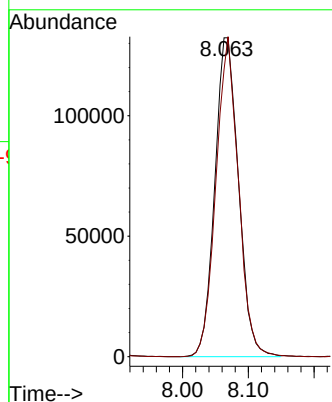
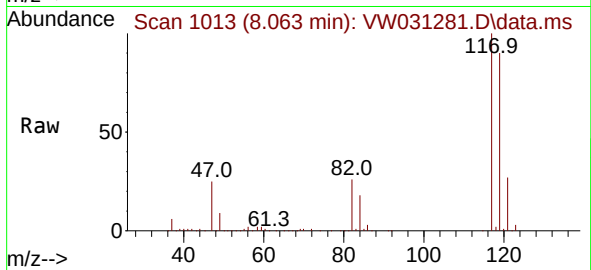
ClientSampleId :

Tgt Ion:117 Resp: 332382

Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0



#33

Benzene

Concen: 26.005 ug/L

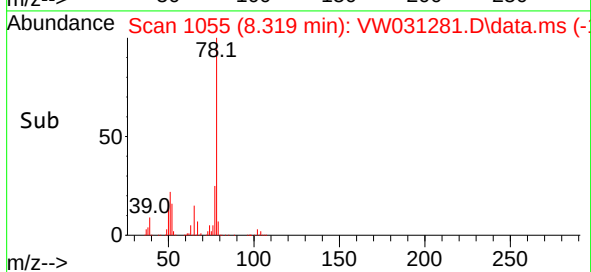
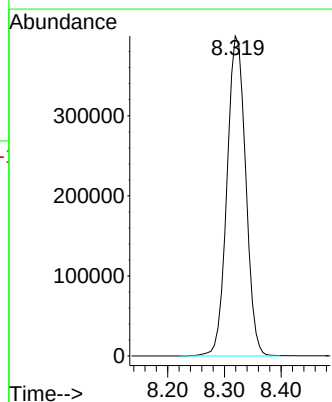
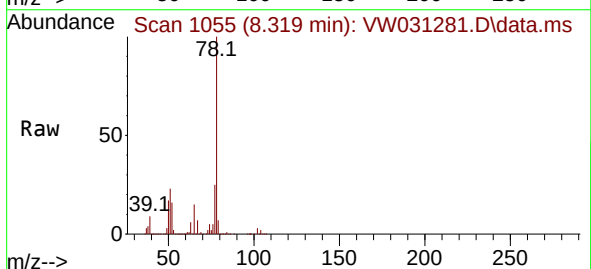
RT: 8.319 min Scan# 1055

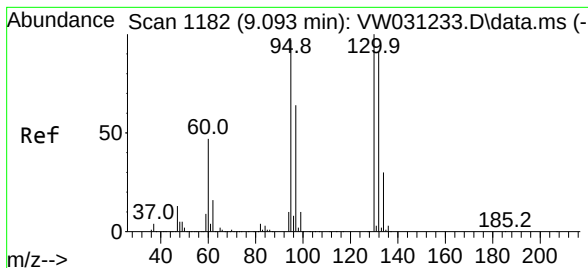
Delta R.T. -0.006 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Tgt Ion: 78 Resp: 916529





#34

Trichloroethene

Concen: 25.784 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 256553

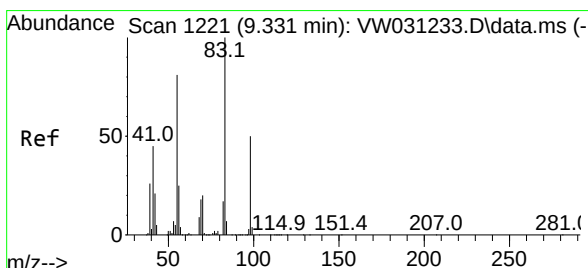
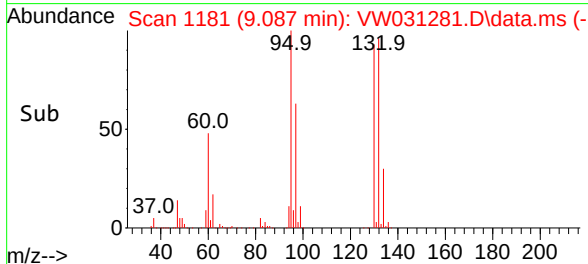
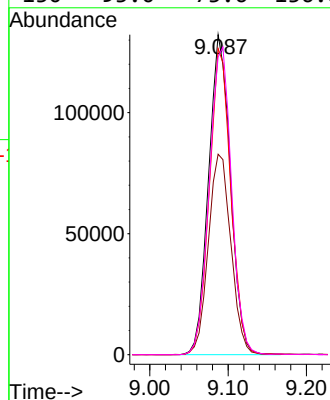
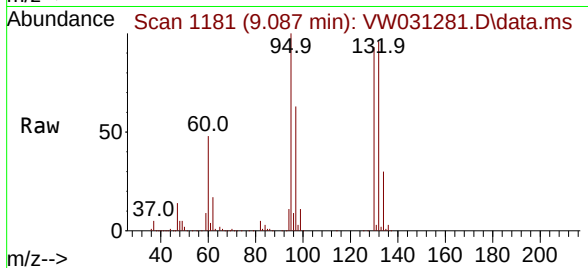
Ion Ratio Lower Upper

95 100

97 62.7 46.5 86.3

132 95.6 70.3 130.5

130 93.0 73.6 136.8



#35

Methylcyclohexane

Concen: 23.532 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

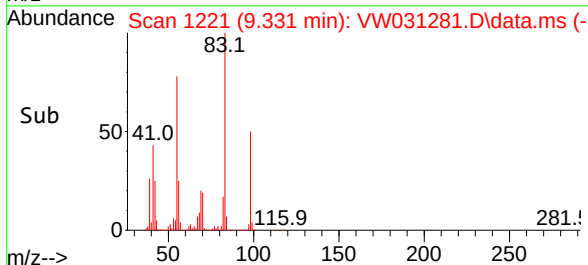
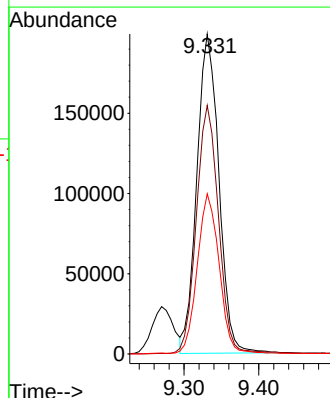
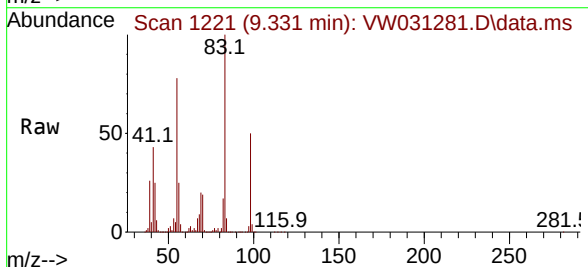
Tgt Ion: 83 Resp: 407773

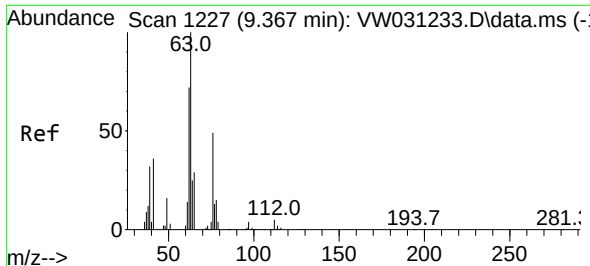
Ion Ratio Lower Upper

83 100

55 77.8 62.6 93.8

98 49.6 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.548 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

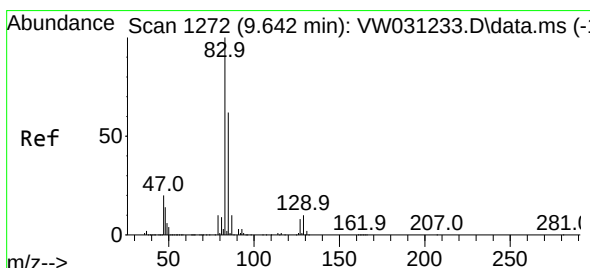
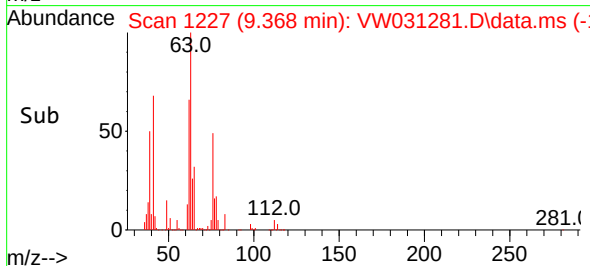
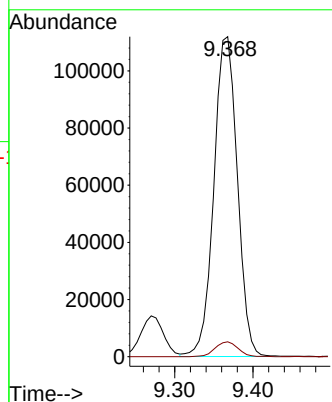
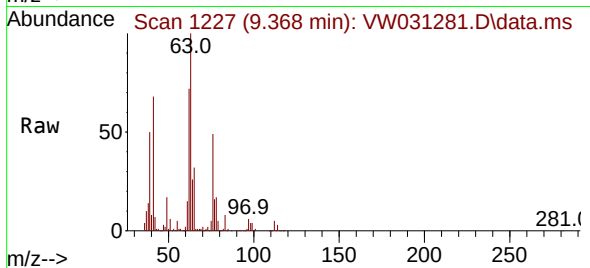
ClientSampleId :

Tgt Ion: 63 Resp: 233416

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 27.109 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

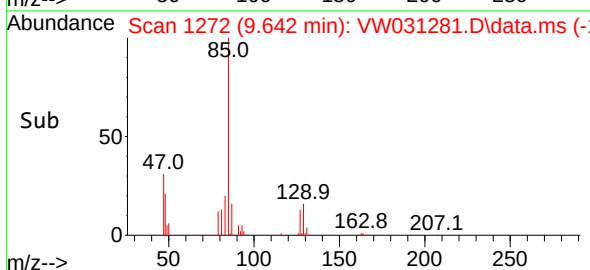
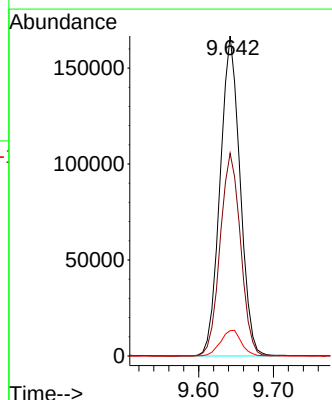
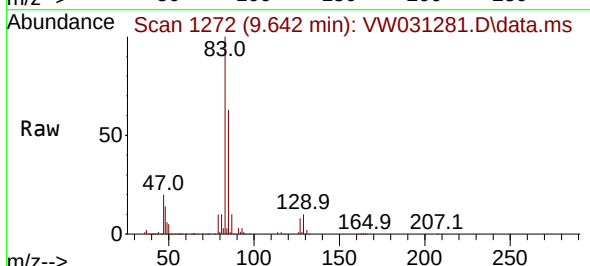
Tgt Ion: 83 Resp: 309857

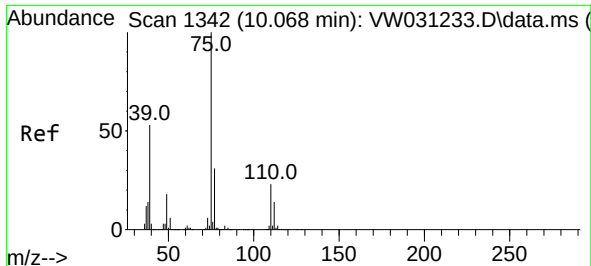
Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.5

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.921 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

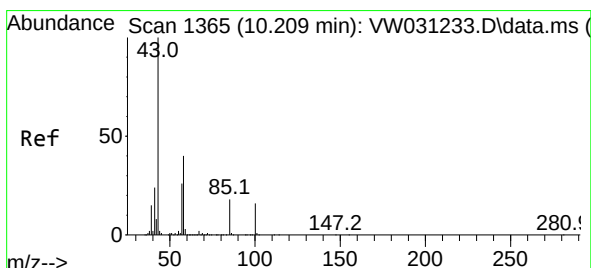
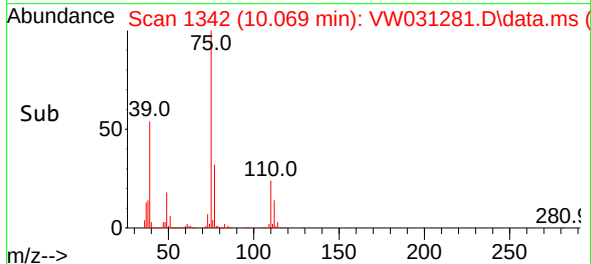
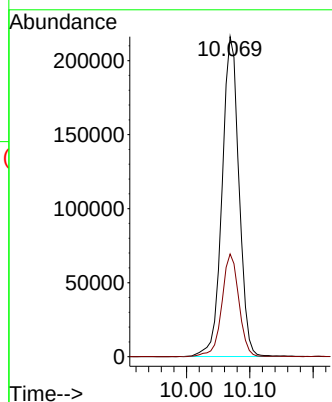
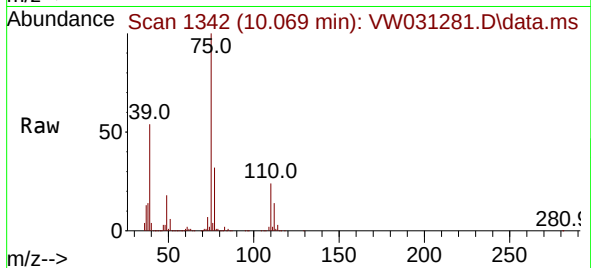
ClientSampleId :

Tgt Ion: 75 Resp: 399968

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 60.890 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

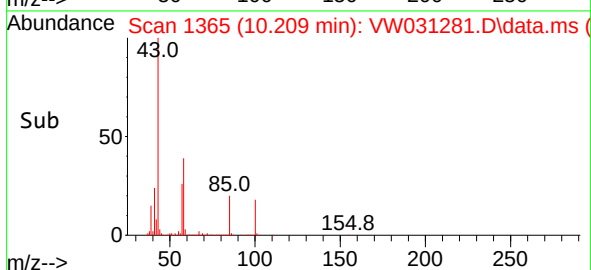
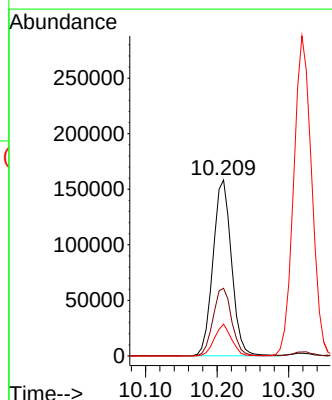
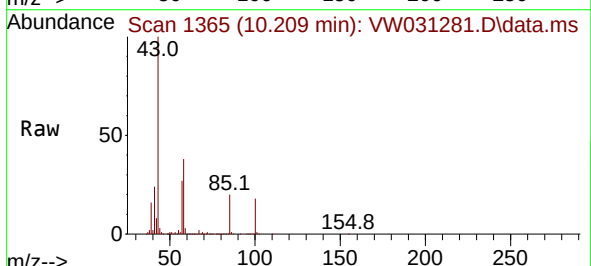
Tgt Ion: 43 Resp: 284028

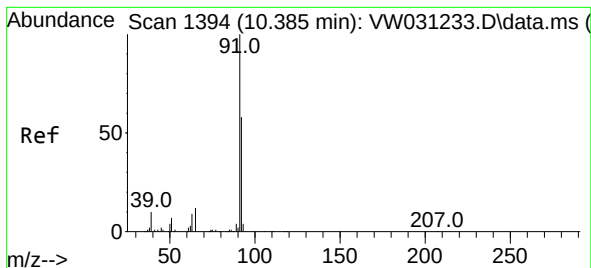
Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7

100 16.7 13.0 19.6





#42

Toluene

Concen: 26.273 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

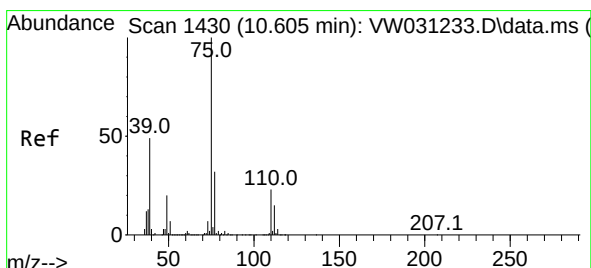
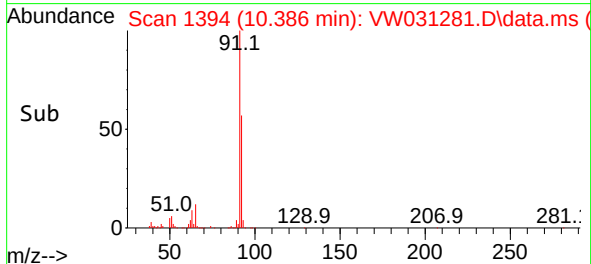
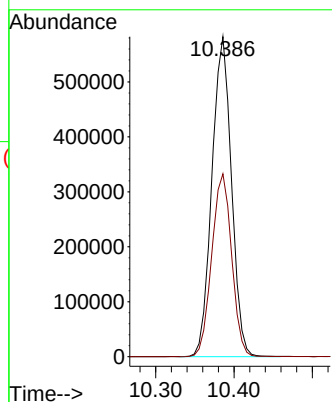
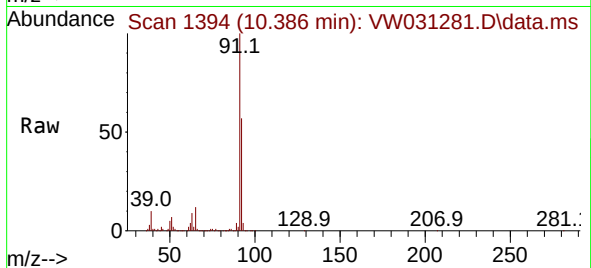
ClientSampleId :

Tgt Ion: 91 Resp: 1008139

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 27.900 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031281.D

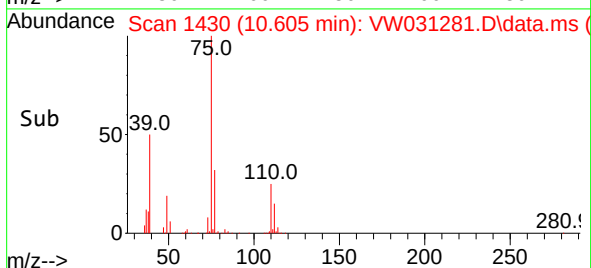
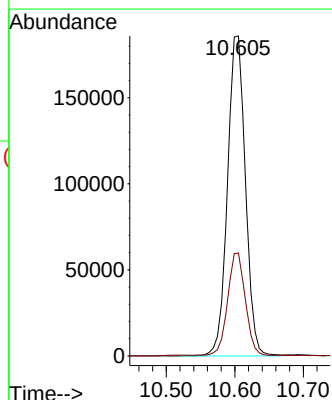
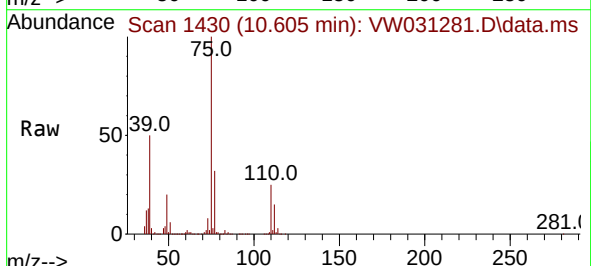
Acq: 16 Dec 2024 18:59

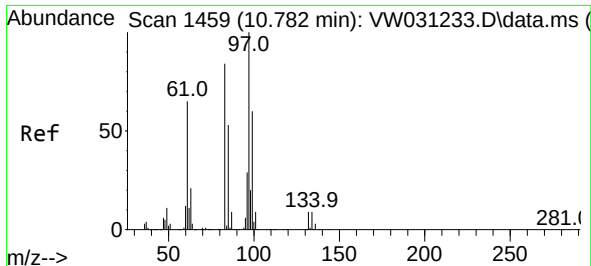
Tgt Ion: 75 Resp: 338462

Ion Ratio Lower Upper

75 100

77 32.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 29.972 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

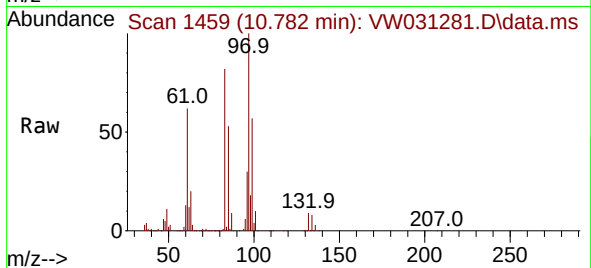
Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 175277

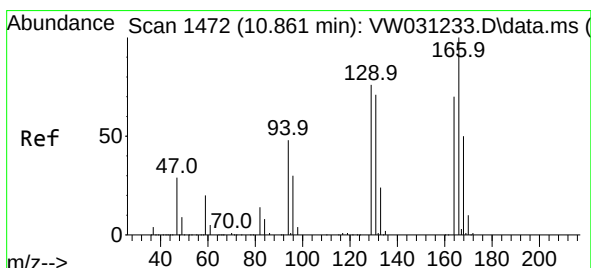
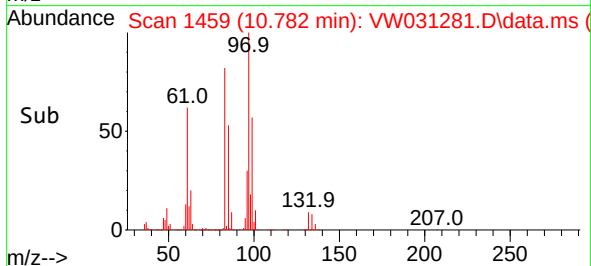
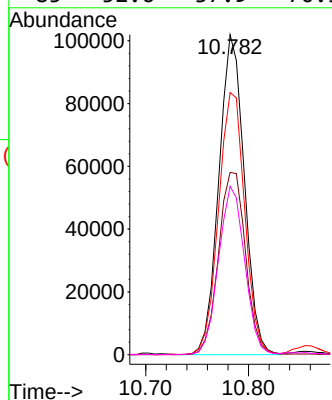
Ion Ratio Lower Upper

97 100

99 57.0 43.0 80.0

83 81.9 56.4 104.7

85 52.6 37.9 70.3



#46

Tetrachloroethene

Concen: 25.086 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Tgt Ion:164 Resp: 182837

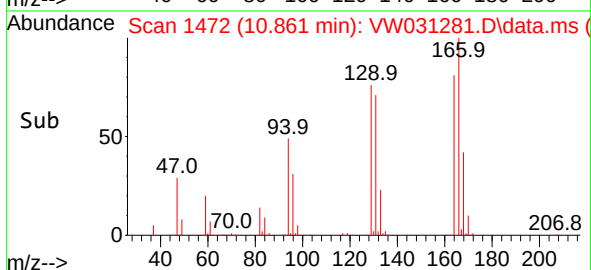
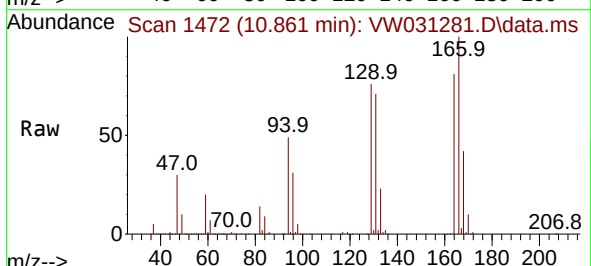
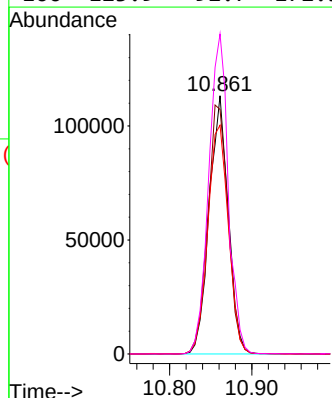
Ion Ratio Lower Upper

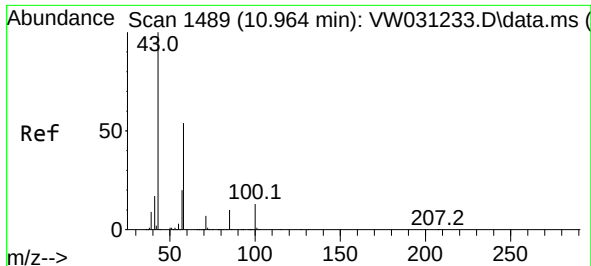
164 100

129 94.7 73.5 136.5

131 88.6 66.6 123.8

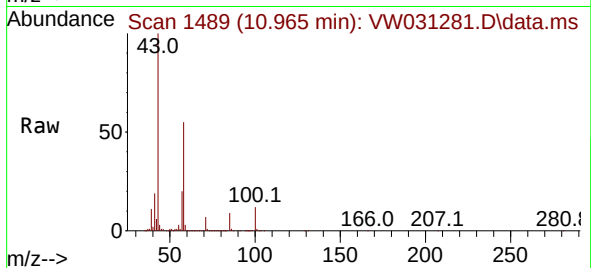
166 123.9 92.7 172.3



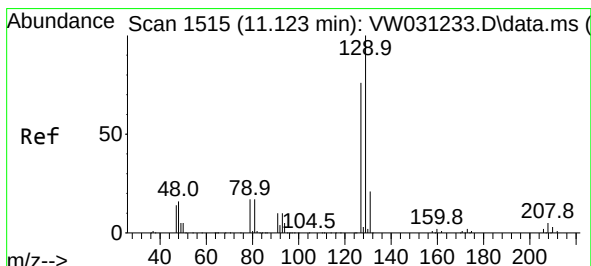
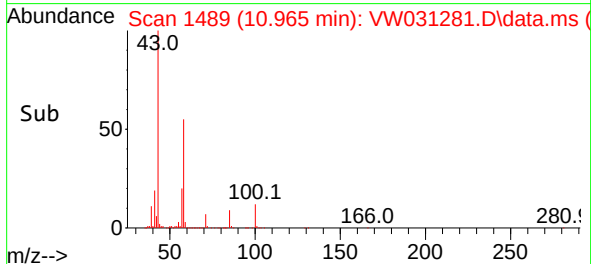
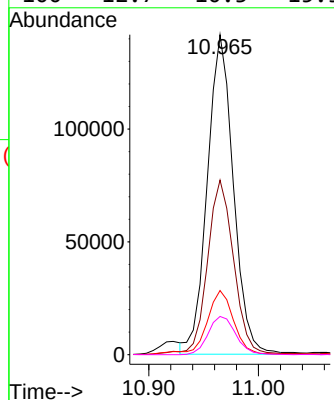


#48
2-Hexanone
Concen: 58.962 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_W
ClientSampleId :

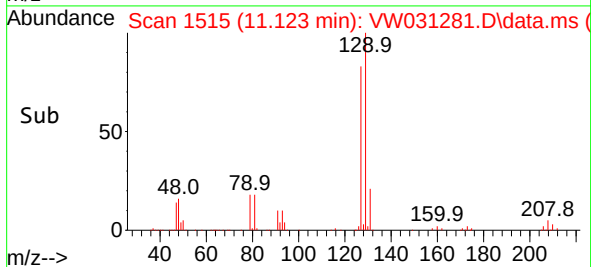
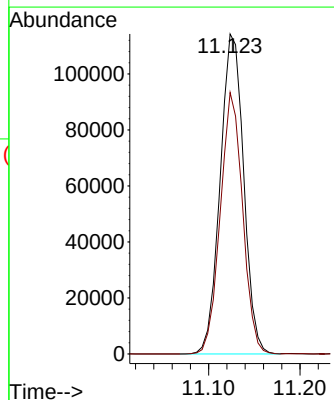
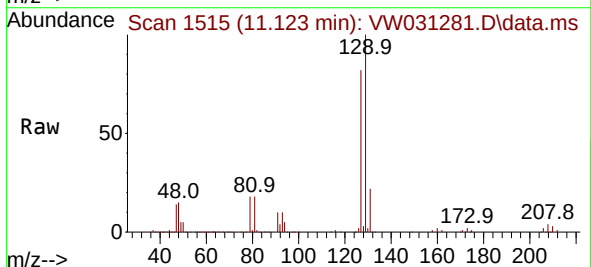


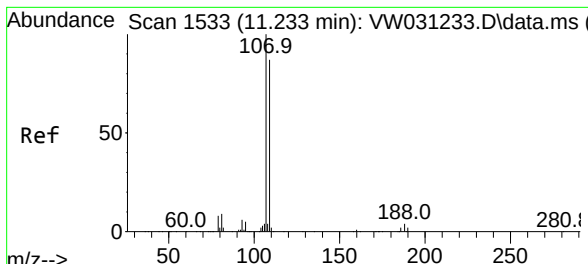
Tgt Ion: 43 Resp: 233915
Ion Ratio Lower Upper
43 100
58 54.4 43.0 64.6
57 20.0 15.7 23.5
100 12.7 10.3 15.5



#49
Dibromochloromethane
Concen: 29.446 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 129 Resp: 204122
Ion Ratio Lower Upper
129 100
127 81.7 57.6 107.0



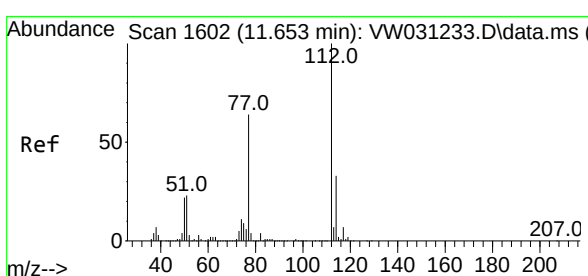
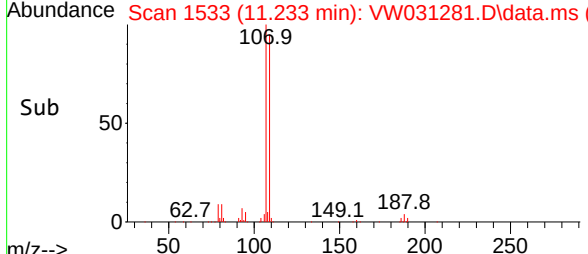
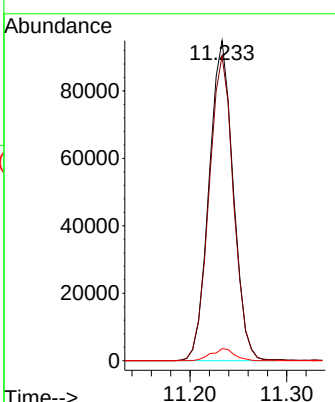
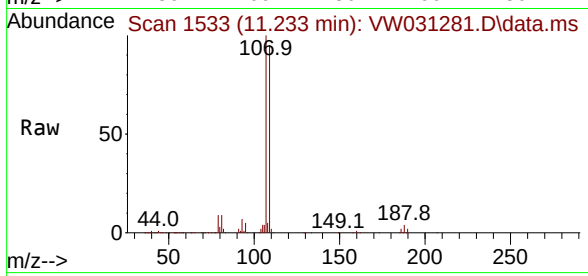


#50
 1,2-Dibromoethane
 Concen: 29.686 ug/L
 RT: 11.233 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:107 Resp: 164459

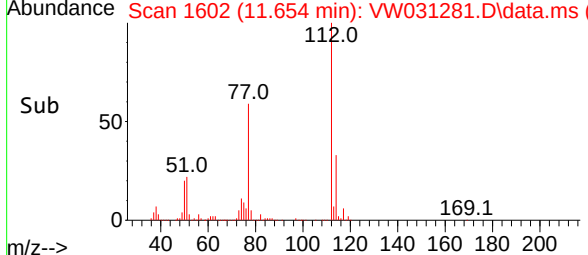
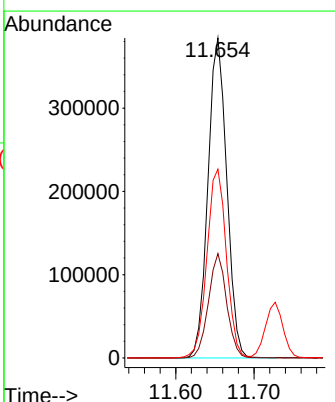
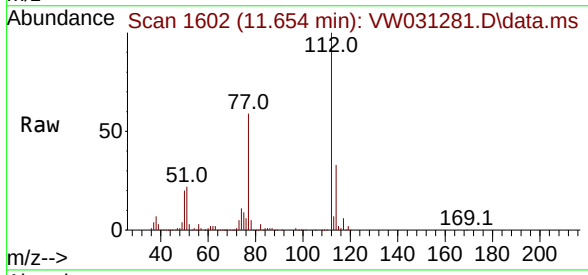
Ion	Ratio	Lower	Upper
107	100		
109	95.3	63.2	117.4
188	3.8	2.6	4.0

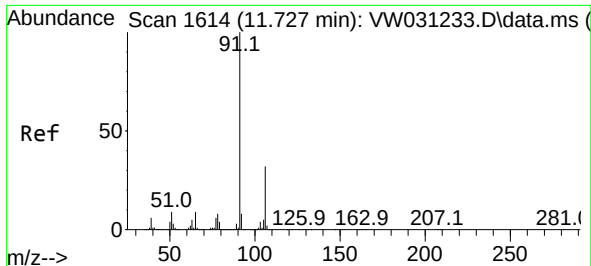


#51
 Chlorobenzene
 Concen: 26.679 ug/L
 RT: 11.654 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VW031281.D
 Acq: 16 Dec 2024 18:59

Tgt Ion:112 Resp: 641855

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	59.0	50.2	75.4

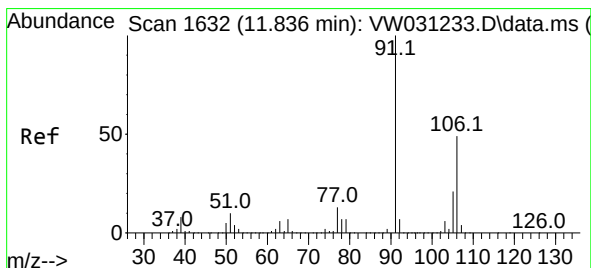
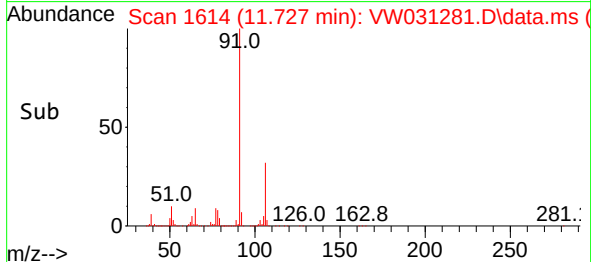
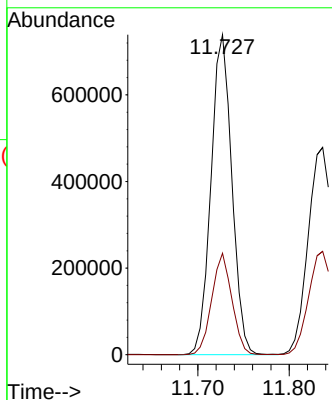
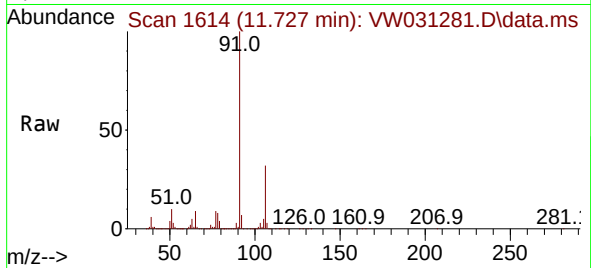




#52
Ethylbenzene
Concen: 26.358 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

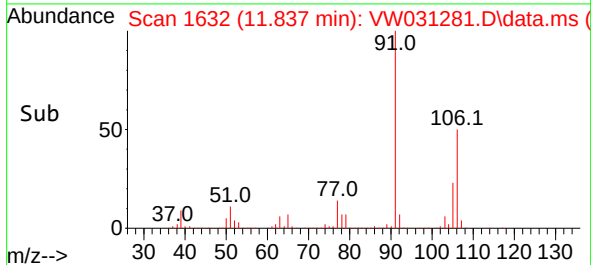
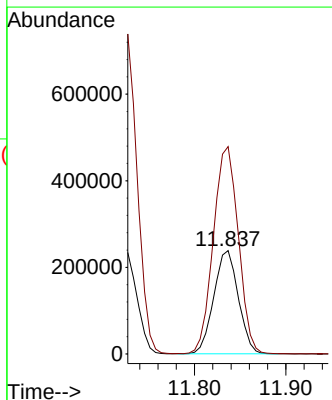
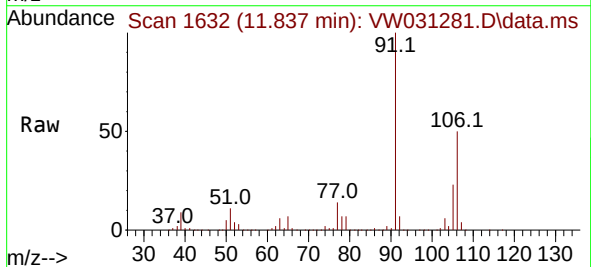
Instrument :
MSVOA_W
ClientSampleId :

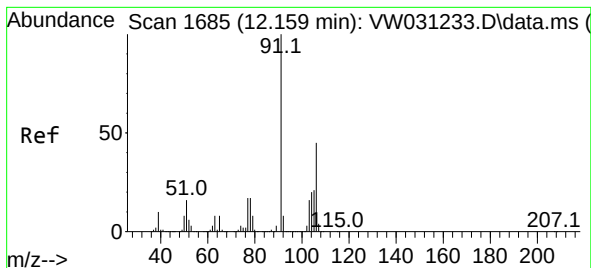
Tgt Ion: 91 Resp: 1172174
Ion Ratio Lower Upper
91 100
106 31.7 20.7 38.5



#53
m,p-Xylene
Concen: 26.254 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion:106 Resp: 444475
Ion Ratio Lower Upper
106 100
91 200.6 139.9 259.7

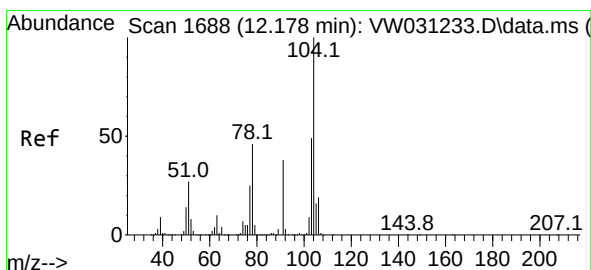
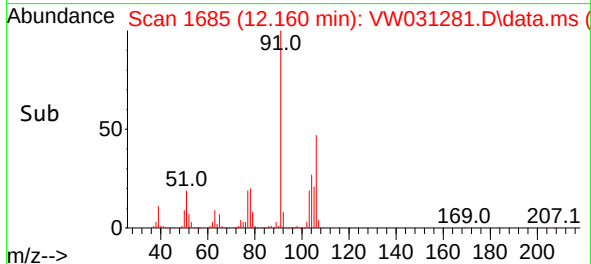
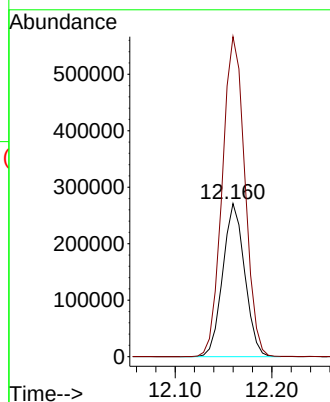
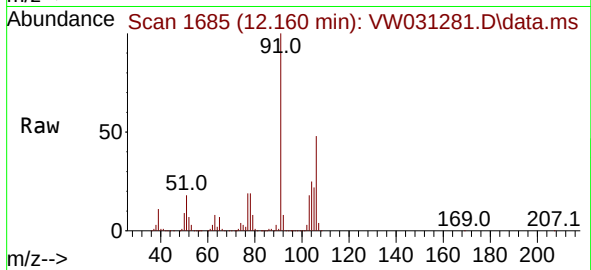




#54
o-Xylene
Concen: 26.764 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

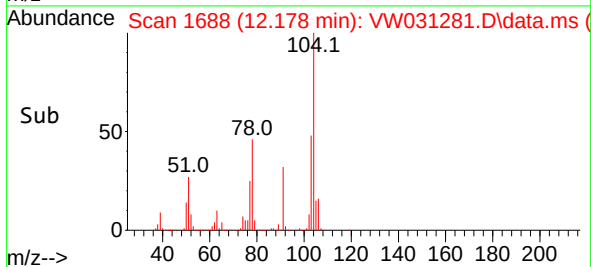
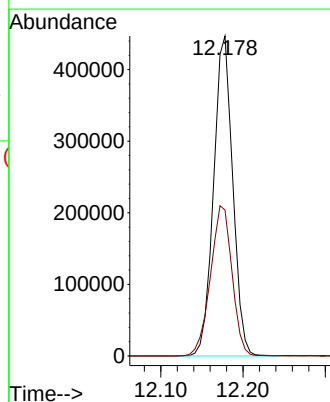
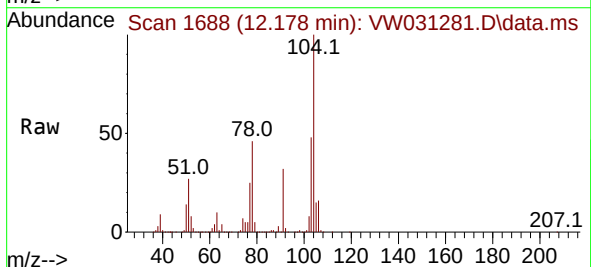
Instrument :
MSVOA_W
ClientSampleId :

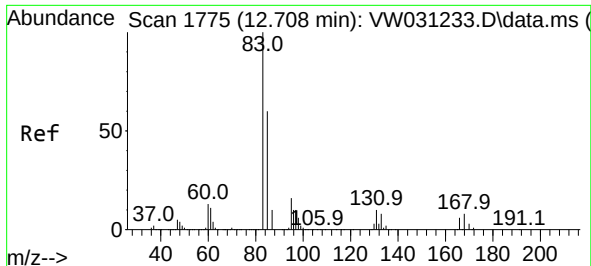
Tgt Ion:106 Resp: 427043
Ion Ratio Lower Upper
106 100
91 209.1 153.1 284.3



#55
Styrene
Concen: 27.200 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion:104 Resp: 721905
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.4





#57

1,1,2-Tetrachloroethane

Concen: 31.781 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

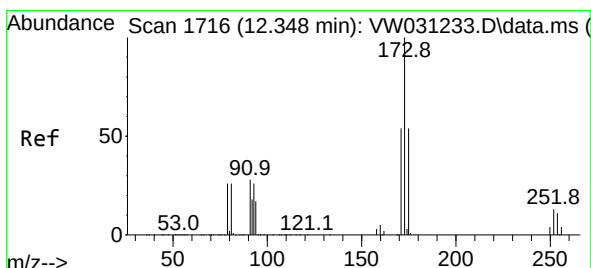
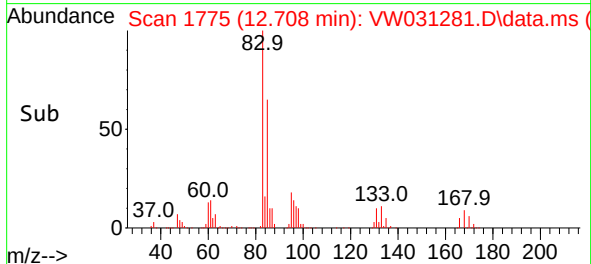
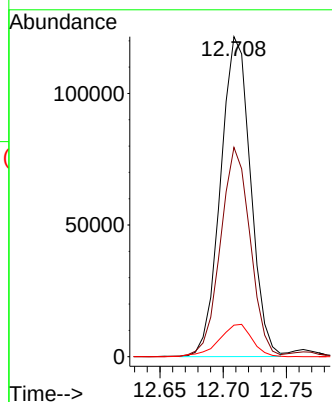
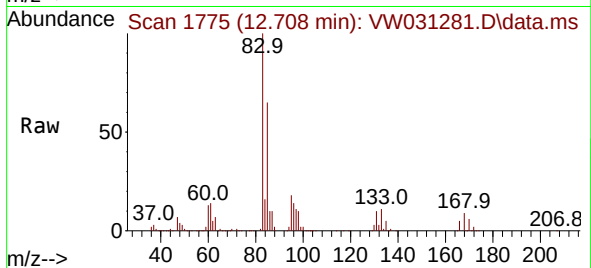
Tgt Ion: 83 Resp: 200353

Ion Ratio Lower Upper

83 100

85 65.4 44.1 81.9

131 9.8 7.9 11.9



#59

Bromoform

Concen: 27.432 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

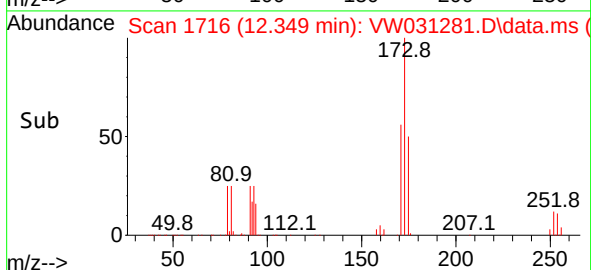
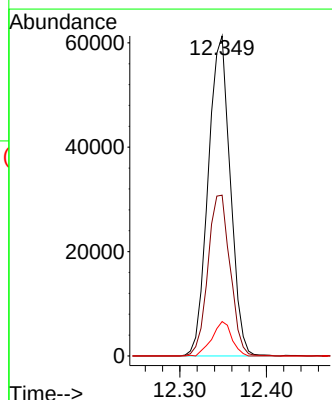
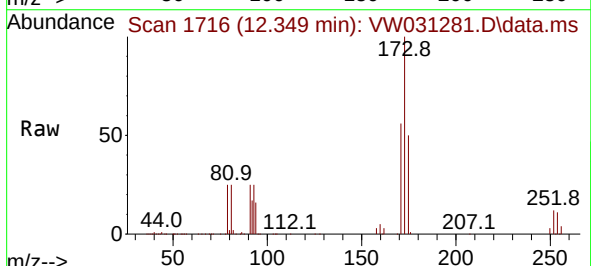
Tgt Ion:173 Resp: 108599

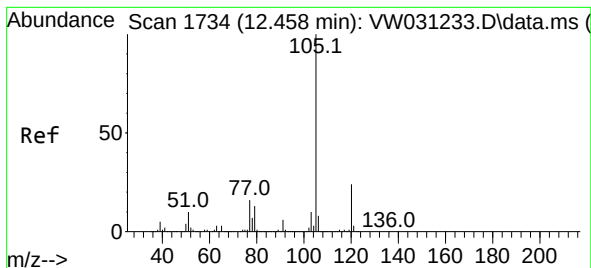
Ion Ratio Lower Upper

173 100

175 50.5 38.6 57.8

254 9.6 7.6 11.4





#60

Isopropylbenzene

Concen: 25.525 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

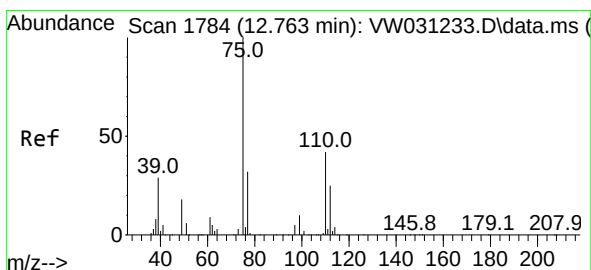
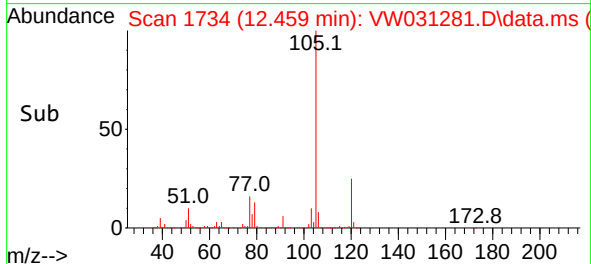
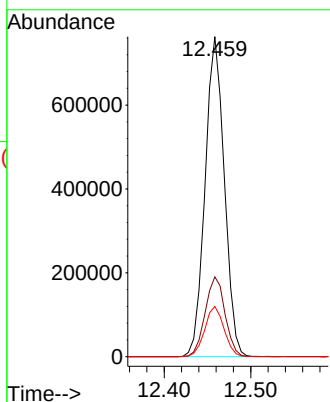
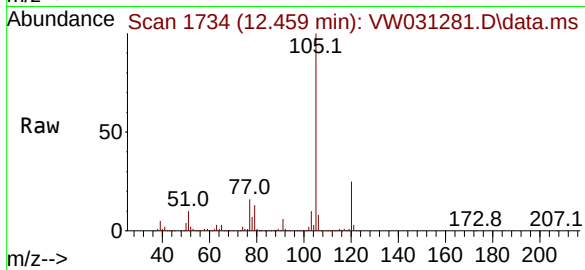
Tgt Ion:105 Resp: 1177112

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 30.902 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

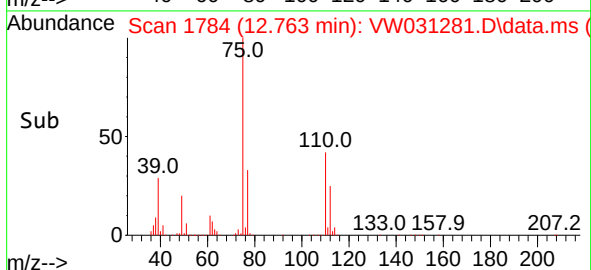
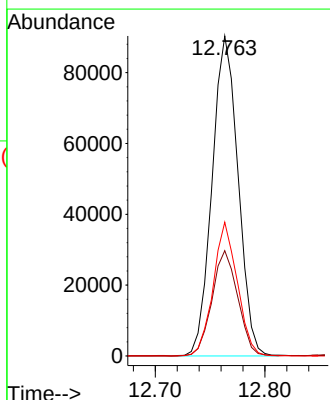
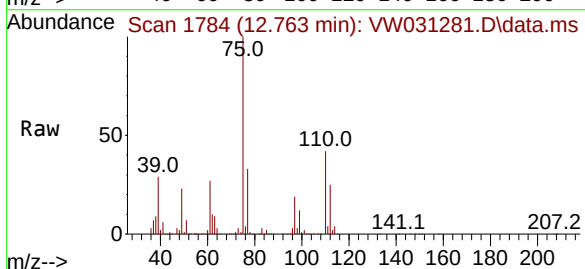
Tgt Ion: 75 Resp: 149013

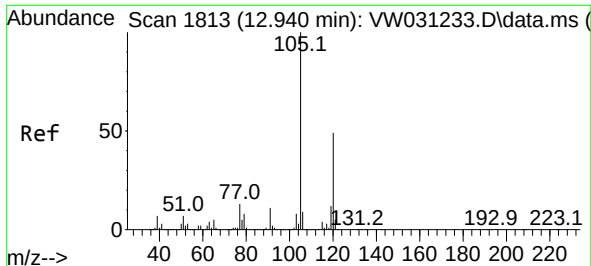
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

110 38.7 31.2 46.8

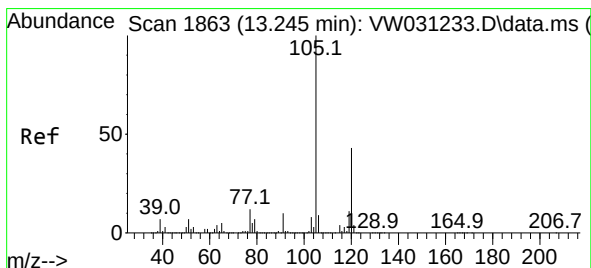
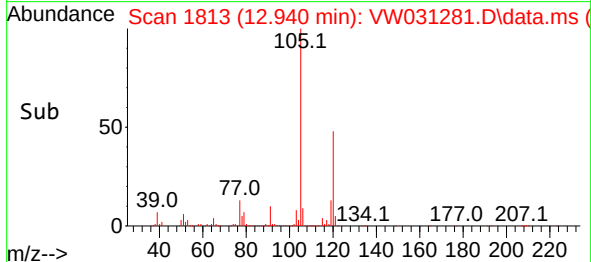
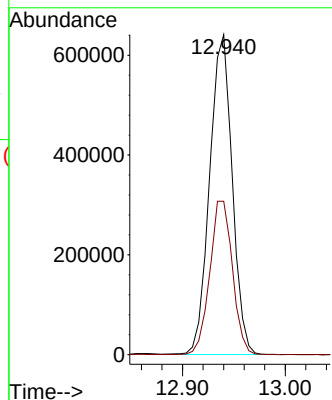
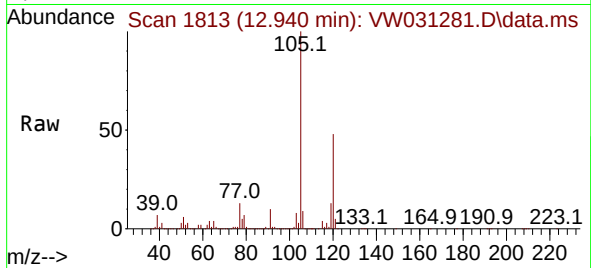




#62
1,3,5-Trimethylbenzene
Concen: 24.961 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

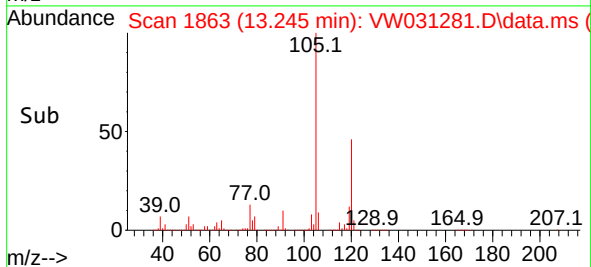
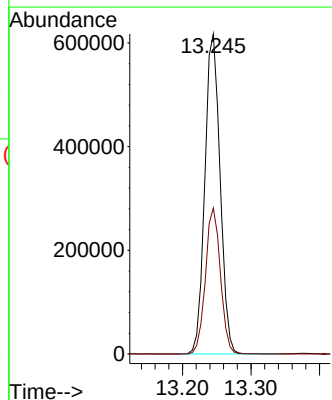
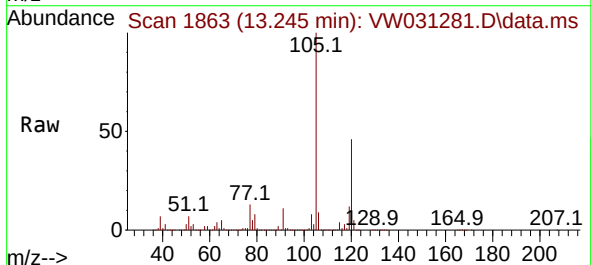
Instrument :
MSVOA_W
ClientSampleId :

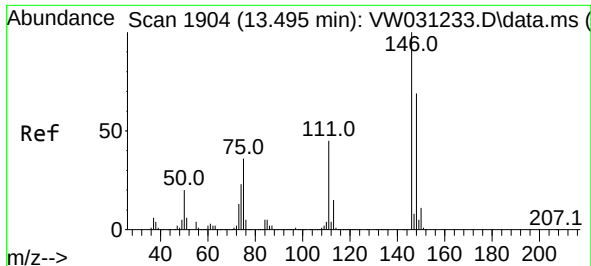
Tgt Ion:105 Resp: 975911
Ion Ratio Lower Upper
105 100
120 48.5 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 25.284 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

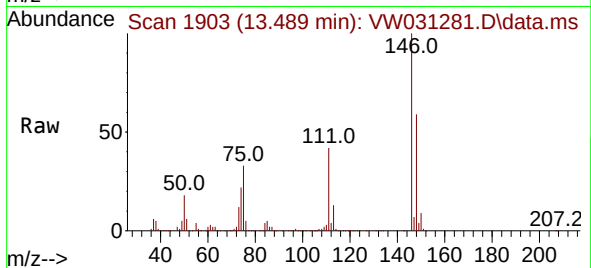
Tgt Ion:105 Resp: 955465
Ion Ratio Lower Upper
105 100
120 44.8 35.0 52.4



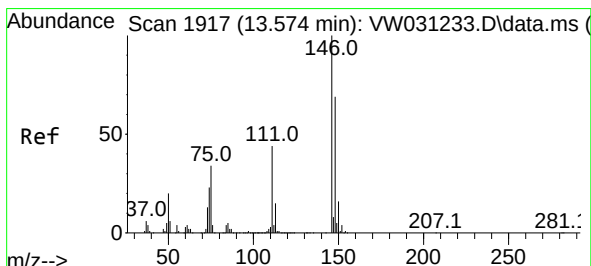
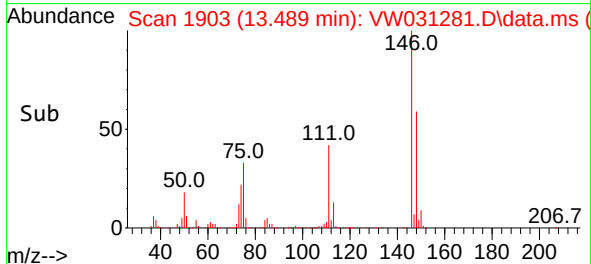
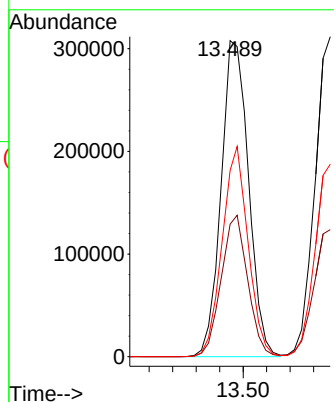


#64
1,3-Dichlorobenzene
Concen: 26.743 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Instrument :
MSVOA_W
ClientSampleId :

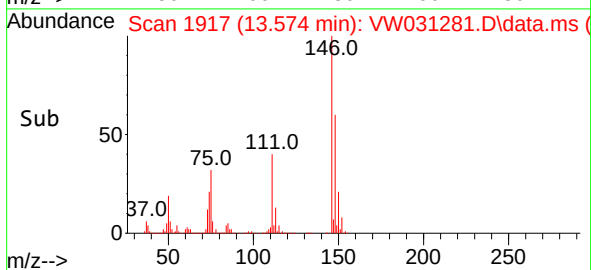
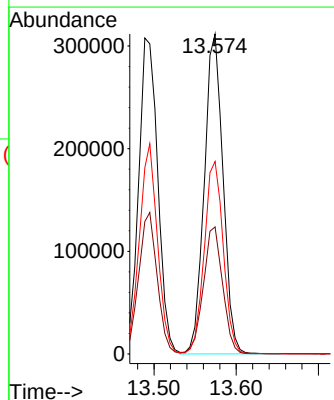
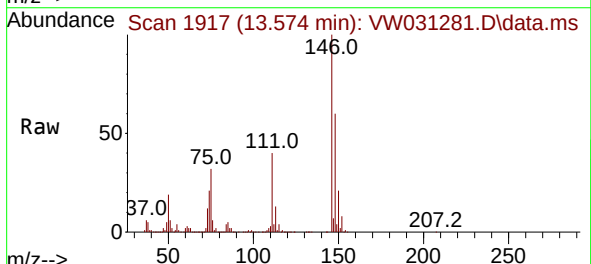


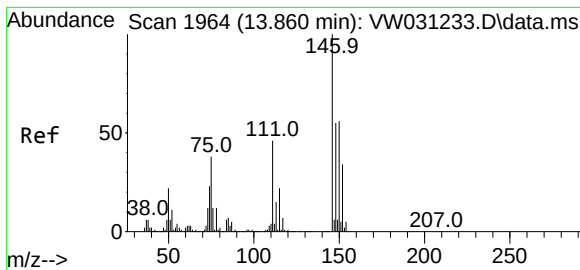
Tgt Ion:146 Resp: 499672
Ion Ratio Lower Upper
146 100
111 41.9 27.6 51.2
148 59.0 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 26.670 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion:146 Resp: 493736
Ion Ratio Lower Upper
146 100
111 39.7 30.7 56.9
148 60.2 46.5 86.3

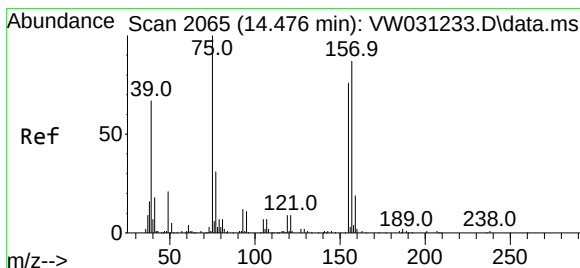
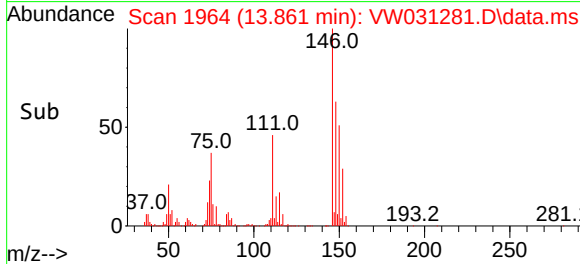
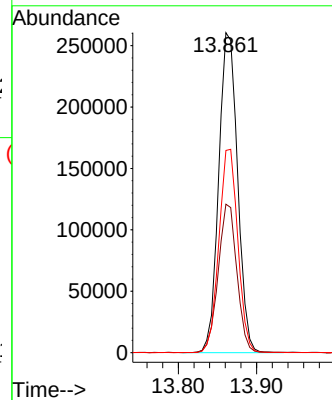
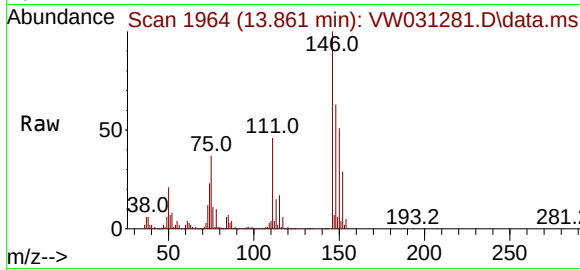




#67
1,2-Dichlorobenzene
Concen: 27.066 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

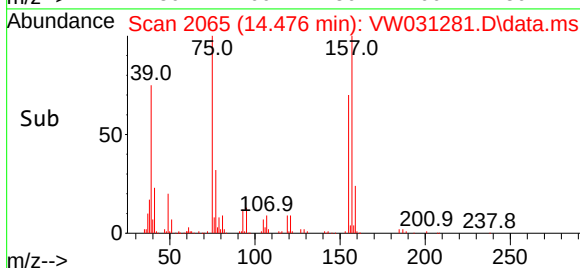
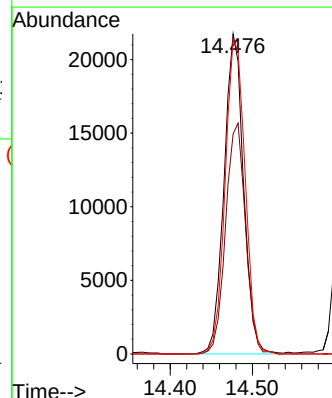
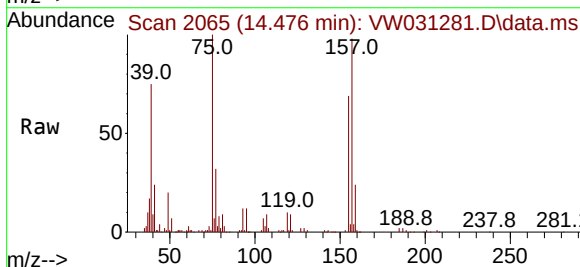
Instrument :
MSVOA_W
ClientSampleId :

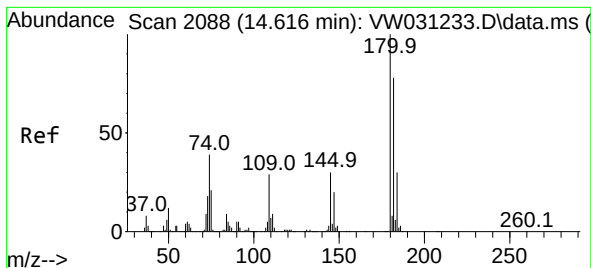
Tgt Ion:146 Resp: 435732
Ion Ratio Lower Upper
146 100
111 46.4 38.6 58.0
148 63.2 53.6 80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 29.309 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031281.D
Acq: 16 Dec 2024 18:59

Tgt Ion: 75 Resp: 35866
Ion Ratio Lower Upper
75 100
155 68.7 56.6 85.0
157 98.3 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 24.881 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 325583

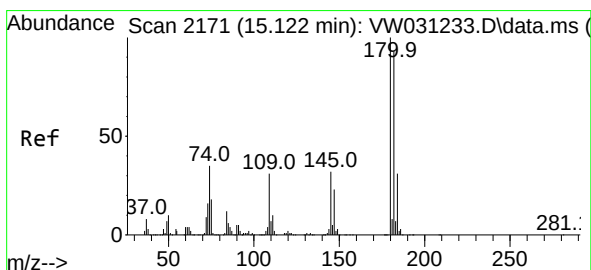
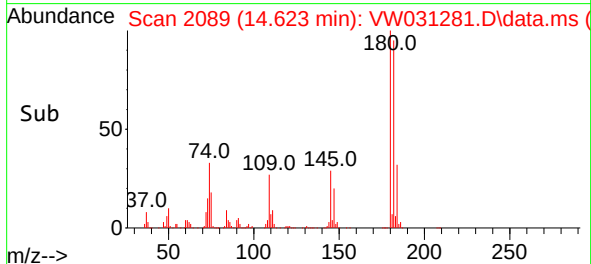
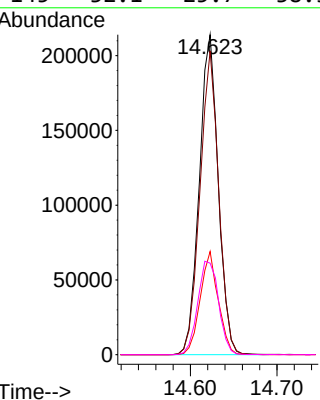
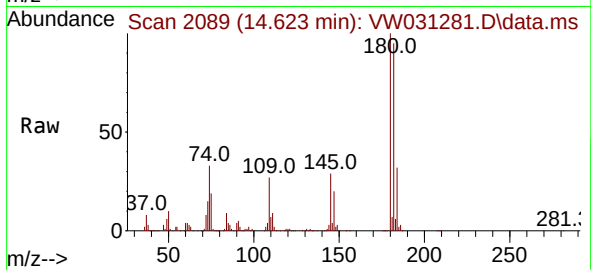
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.4

184 30.7 24.6 36.8

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 27.064 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

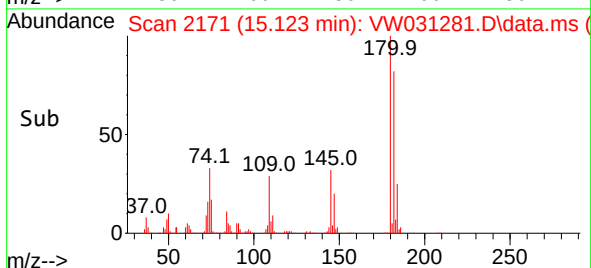
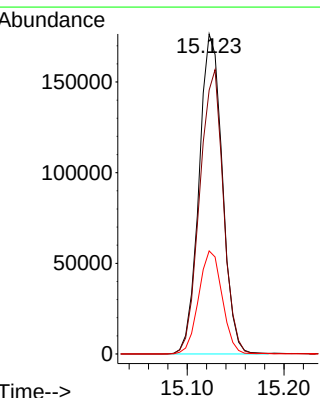
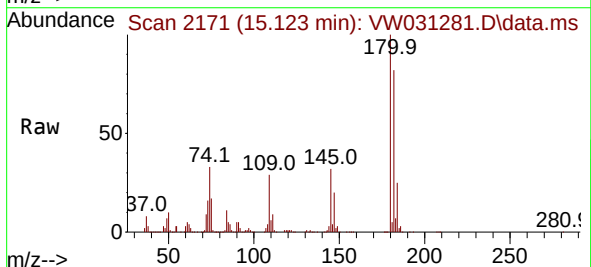
Tgt Ion:180 Resp: 294600

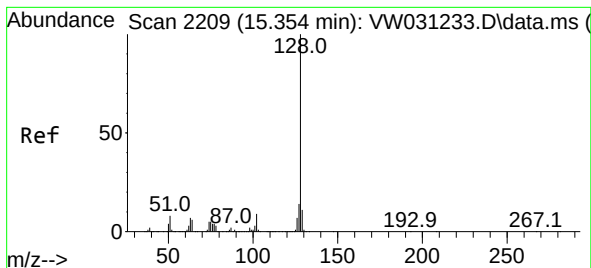
Ion Ratio Lower Upper

180 100

182 90.1 78.2 117.2

145 32.5 26.7 40.1





#71

Naphthalene

Concen: 29.843 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

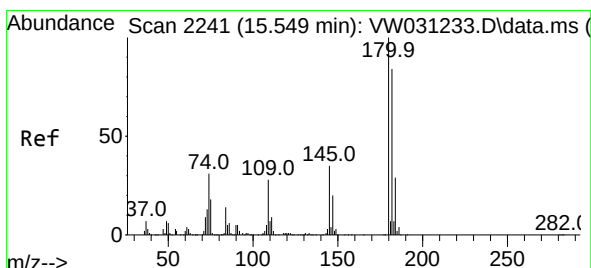
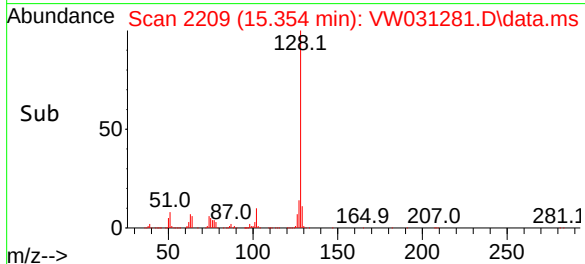
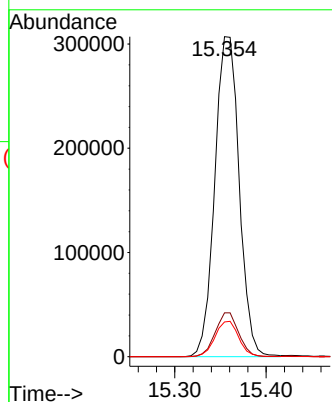
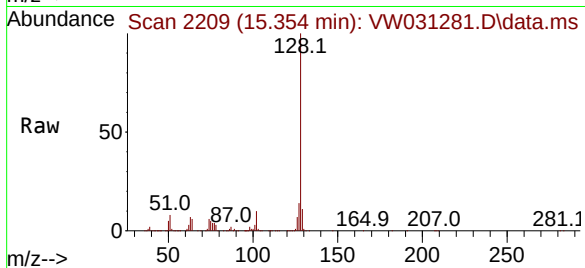
Tgt Ion:128 Resp: 569531

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.402 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031281.D

Acq: 16 Dec 2024 18:59

Tgt Ion:180 Resp: 240324

Ion Ratio Lower Upper

180 100

182 98.5 75.0 112.4

145 34.8 27.8 41.6

