

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
 Data File : VW031054.D
 Acq On : 19 Nov 2024 11:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 20 03:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 19 00:28:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307873	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	160894	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105701	19.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.899	69	87661	20.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
11) 1,1-Dichloroethene-d2	4.021	65	48986	21.432	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	7.075	46	56770	62.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.560%
24) Chloroform-d	7.648	84	262118	26.326	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	8.301	65	127717	25.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	8.270	84	496121	25.939	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.760%
36) 1,2-Dichloropropane-d6	9.270	67	149614	26.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.120%
41) Toluene-d8	10.319	98	440281	25.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	60215	26.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.400%
47) 2-Hexanone-d5	10.916	63	47342	64.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119952	30.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.160%#
66) 1,2-Dichlorobenzene-d4	13.849	152	166498	28.409	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.640%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	64573	17.949	ug/L	98
3) Chloromethane	2.223	50	93703	19.330	ug/L	97
5) Vinyl chloride	2.375	62	117544	20.460	ug/L	97
6) Bromomethane	2.790	94	78961	20.933	ug/L	91
8) Chloroethane	2.936	64	73868	21.210	ug/L	99
9) Trichlorofluoromethane	3.265	101	129847	24.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119385	24.735	ug/L #	84
12) 1,1-Dichloroethene	4.039	96	115742	26.513	ug/L	88
13) Acetone	4.119	43	74288	66.727	ug/L	94
14) Carbon disulfide	4.387	76	359411	25.045	ug/L	99
15) Methyl Acetate	4.667	43	45619	27.935	ug/L #	75
16) Methylene chloride	4.917	84	123518	25.869	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	129221	26.982	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	183560	28.398	ug/L	98
19) 1,1-Dichloroethane	6.216	63	230102	25.748	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	140936	27.740	ug/L	98
22) 2-Butanone	7.167	43	79173	63.502	ug/L	98
23) Bromochloromethane	7.514	128	62861	28.253	ug/L	92
25) Chloroform	7.673	83	247071	26.275	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Tue Nov 19 00:28:30 2024
 Response via : Initial Calibration

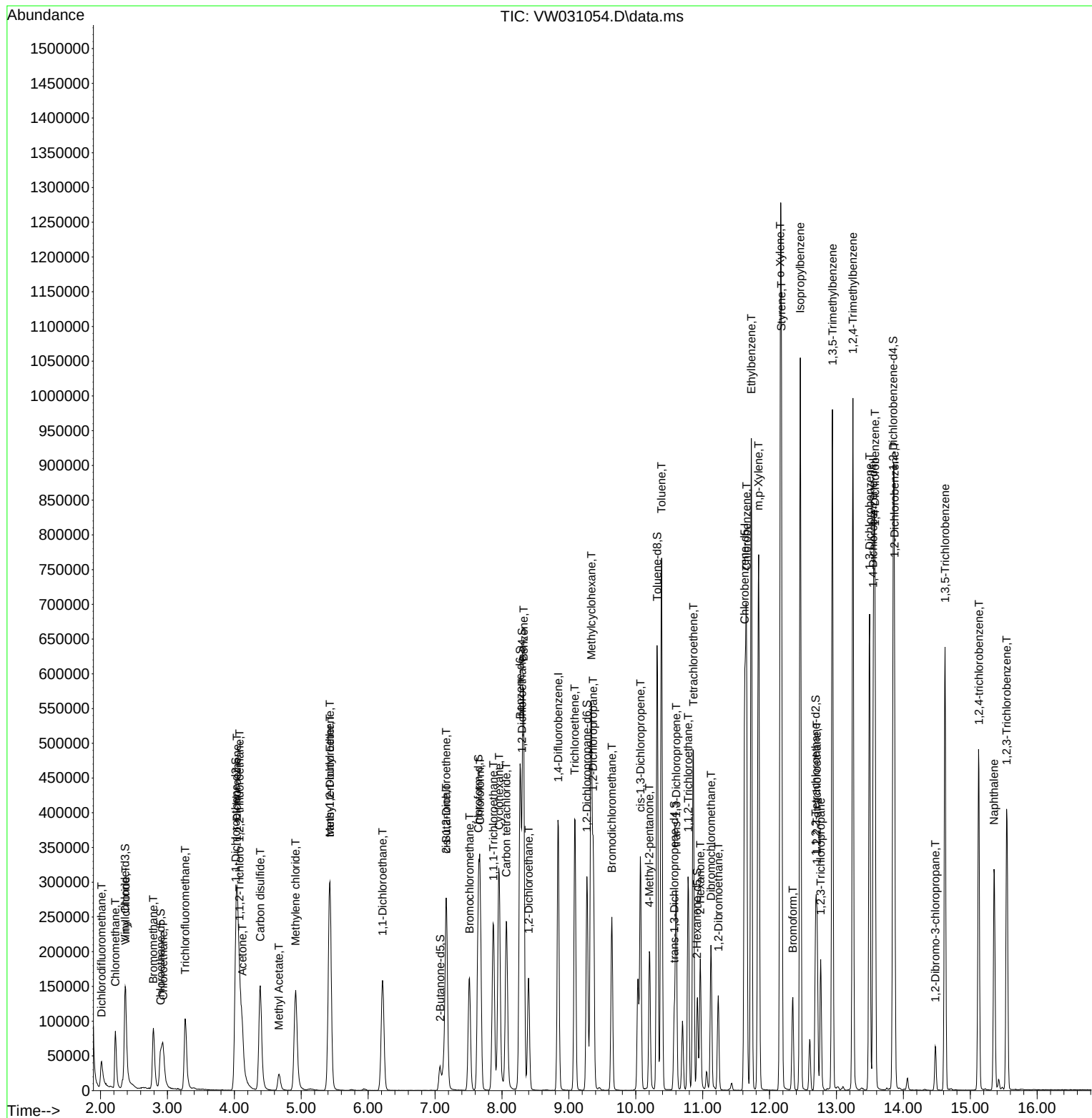
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146226	24.970	ug/L	96
29) Cyclohexane	7.959	56	182723	24.766	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	205313	25.961	ug/L	98
31) Carbon tetrachloride	8.063	117	188398	26.511	ug/L	99
33) Benzene	8.325	78	539200	27.172	ug/L	100
34) Trichloroethene	9.087	95	141667	25.889	ug/L	94
35) Methylcyclohexane	9.337	83	234004	26.981	ug/L	97
37) 1,2-Dichloropropane	9.362	63	133231	26.864	ug/L	98
38) Bromodichloromethane	9.642	83	172378	26.467	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	203327	27.407	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	129399	57.054	ug/L	97
42) Toluene	10.386	91	582631	27.726	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	166974	27.092	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	101426	28.492	ug/L	97
46) Tetrachloroethene	10.861	164	120853	28.890	ug/L	91
48) 2-Hexanone	10.965	43	114060	66.102	ug/L	95
49) Dibromochloromethane	11.123	129	111357	28.691	ug/L	93
50) 1,2-Dibromoethane	11.233	107	93543	28.495	ug/L	99
51) Chlorobenzene	11.654	112	365398	27.170	ug/L	97
52) Ethylbenzene	11.727	91	661987	27.881	ug/L	100
53) m,p-Xylene	11.837	106	254306	28.478	ug/L	99
54) o-Xylene	12.160	106	240101	29.220	ug/L	96
55) Styrene	12.178	104	406371	28.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	112749	29.023	ug/L	99
59) Bromoform	12.349	173	65724	28.608	ug/L	99
60) Isopropylbenzene	12.459	105	654521	26.669	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	78635	26.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	527561	27.301	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	508653	27.030	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	294555	27.333	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	293461	26.525	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	263409	27.426	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	17177	26.897	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	208370	29.138	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	146525	25.805	ug/L	88
71) Naphthalene	15.354	128	278310	30.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	144531	29.534	ug/L	98

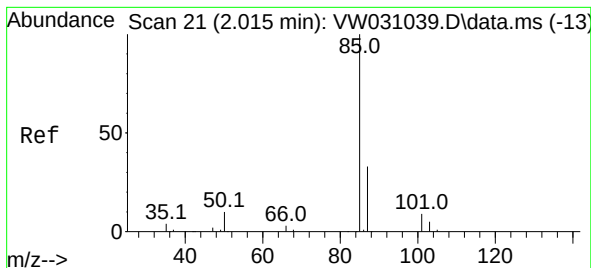
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW031054.D
Acq On : 19 Nov 2024 11:34
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Misc : 5.00g/10mL/MSVOA_W/SOIL
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ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Tue Nov 19 00:28:30 2024
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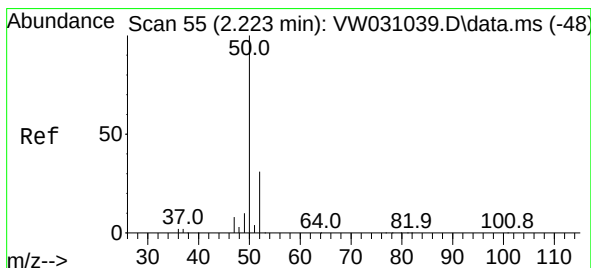
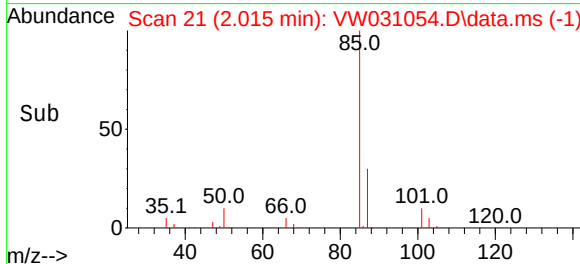
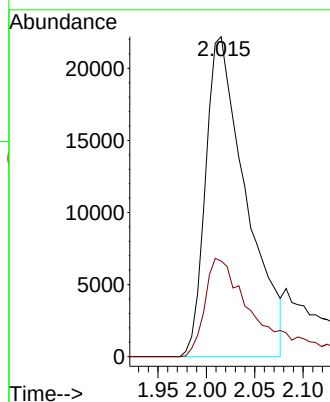
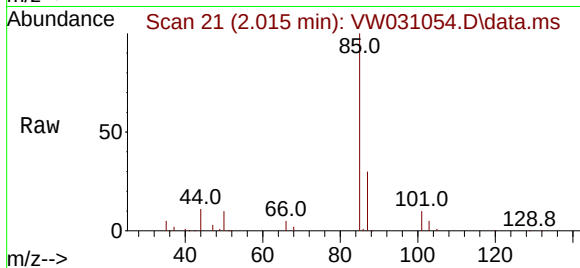




#2
Dichlorodifluoromethane
Concen: 17.949 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

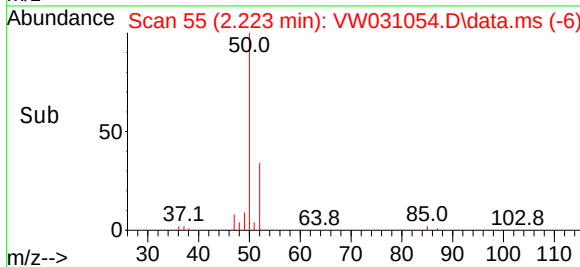
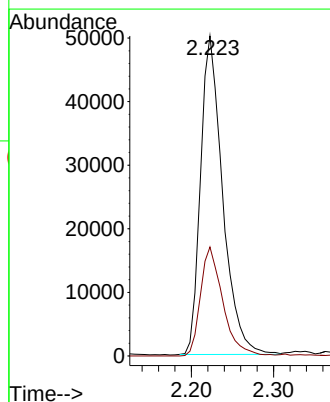
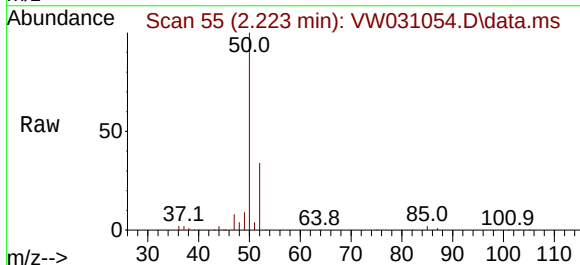
Instrument :
MSVOA_W
ClientSampleId :

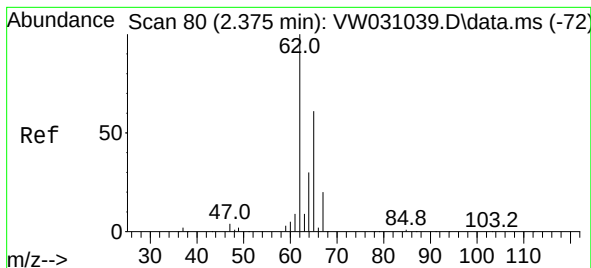
Tgt Ion: 85 Resp: 64573
Ion Ratio Lower Upper
85 100
87 31.5 24.2 36.4



#3
Chloromethane
Concen: 19.330 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 50 Resp: 93703
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.9





#5

Vinyl chloride

Concen: 20.460 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

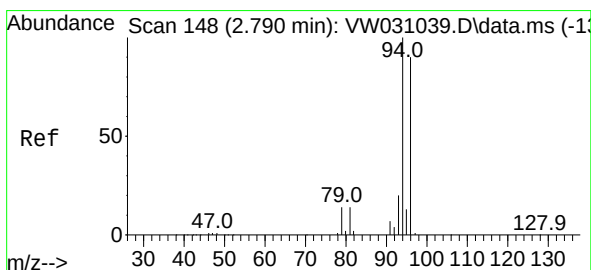
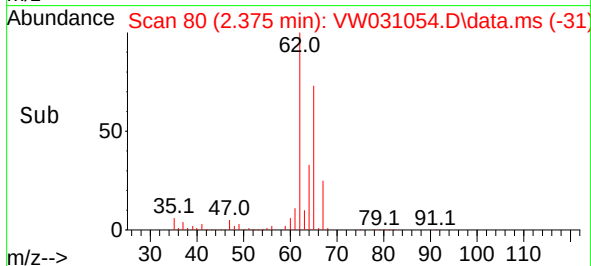
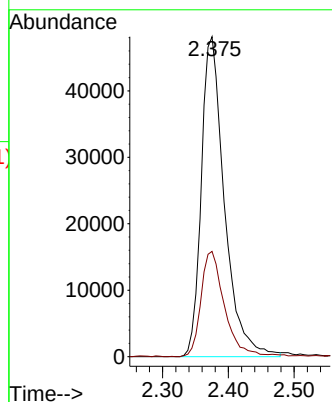
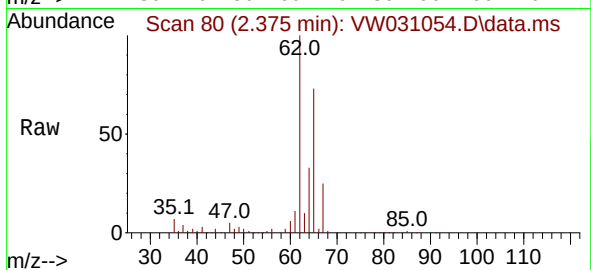
ClientSampleId :

Tgt Ion: 62 Resp: 117544

Ion Ratio Lower Upper

62 100

64 32.9 21.7 40.3



#6

Bromomethane

Concen: 20.933 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031054.D

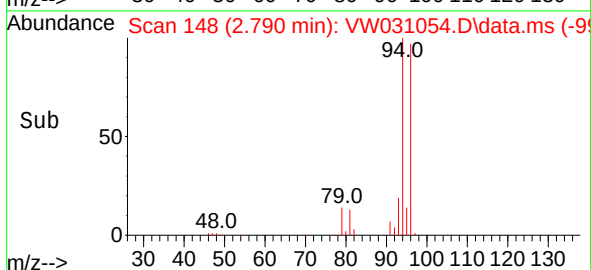
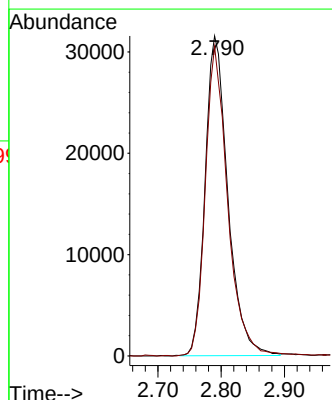
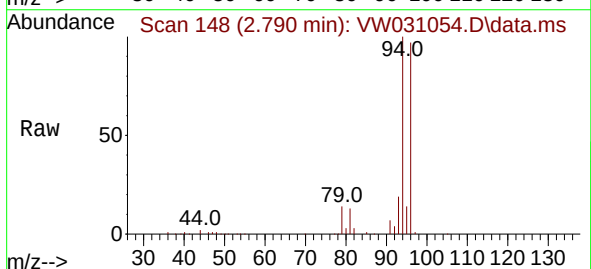
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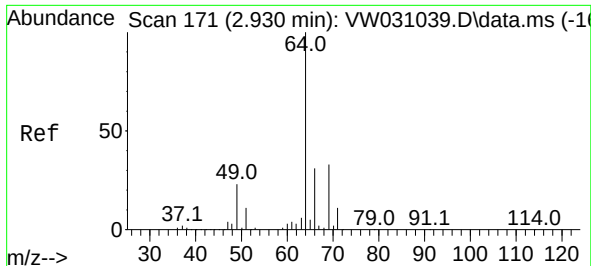
Tgt Ion: 94 Resp: 78961

Ion Ratio Lower Upper

94 100

96 96.7 61.6 114.4

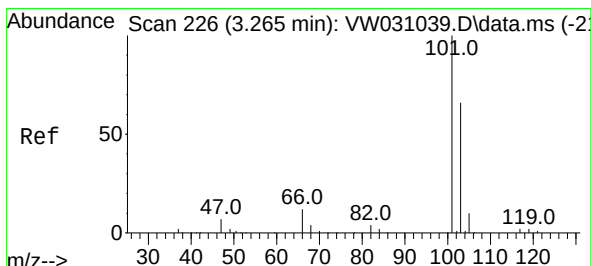
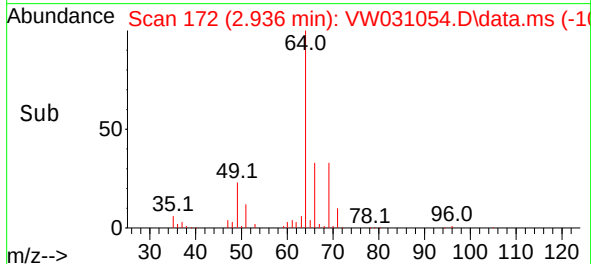
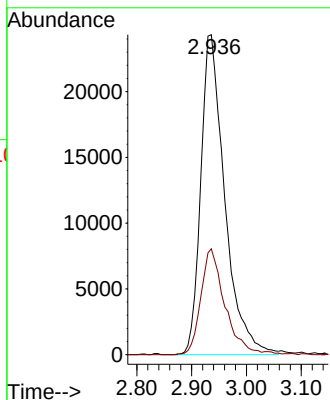
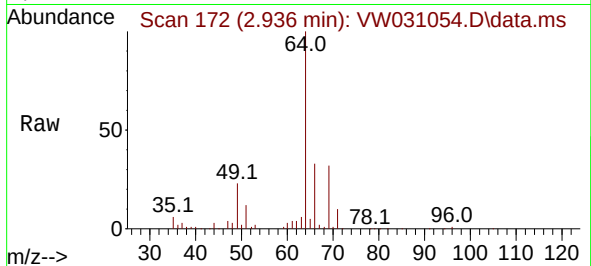




#8
Chloroethane
Concen: 21.210 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

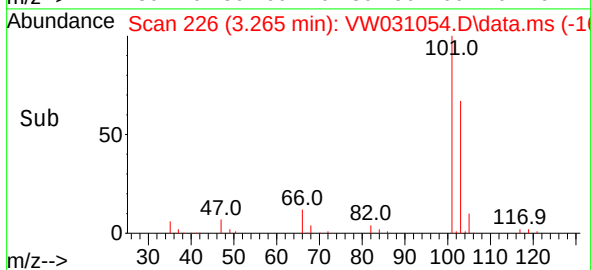
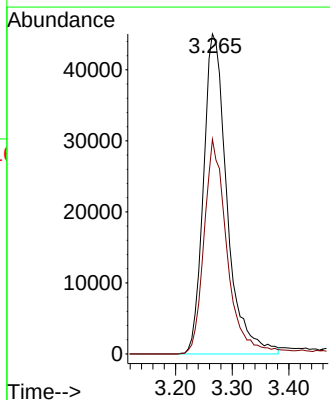
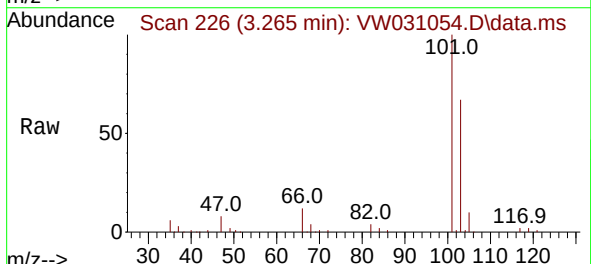
Instrument :
MSVOA_W
ClientSampleId :

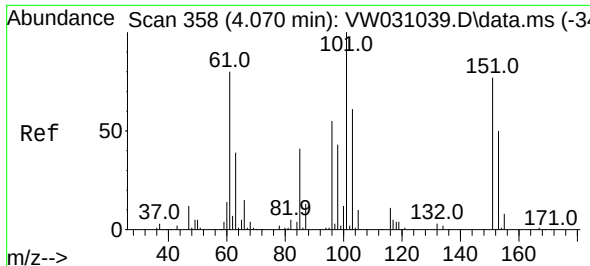
Tgt Ion: 64 Resp: 73868
Ion Ratio Lower Upper
64 100
66 33.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 24.766 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion:101 Resp: 129847
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

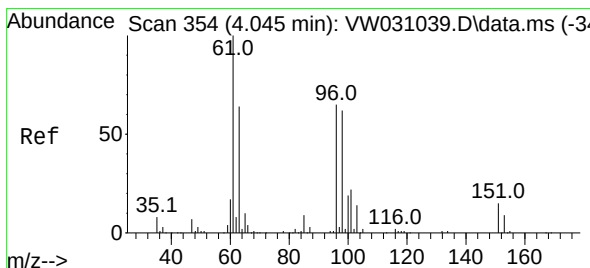
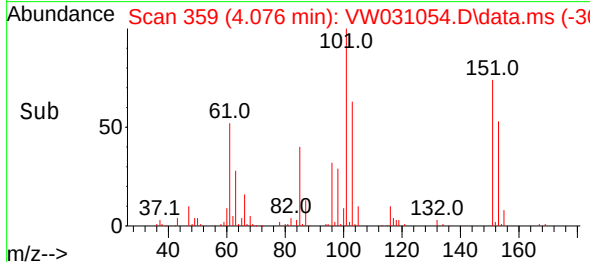
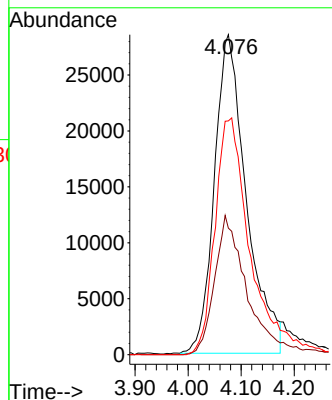
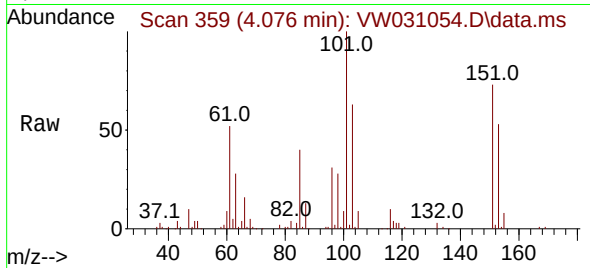




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.735 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW031054.D
 Acq: 19 Nov 2024 11:34

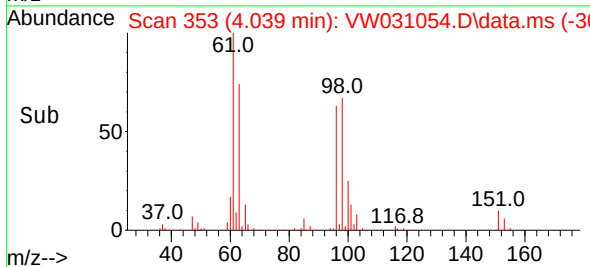
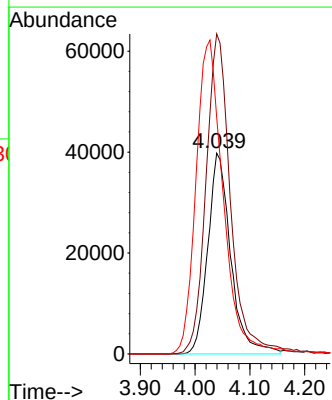
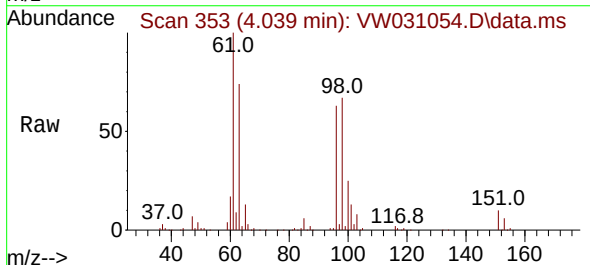
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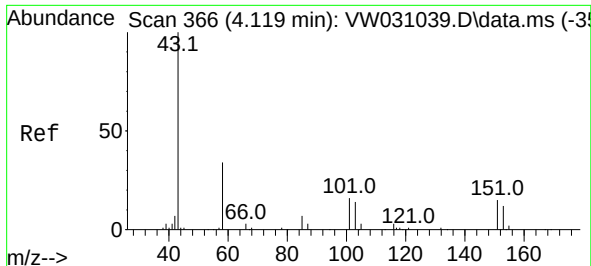
Tgt Ion:101 Resp: 119385
 Ion Ratio Lower Upper
 101 100
 85 43.6 32.9 49.3
 151 81.9 51.0 76.6#



#12
 1,1-Dichloroethene
 Concen: 26.513 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031054.D
 Acq: 19 Nov 2024 11:34

Tgt Ion: 96 Resp: 115742
 Ion Ratio Lower Upper
 96 100
 61 159.4 118.9 220.7
 63 117.8 97.8 181.6

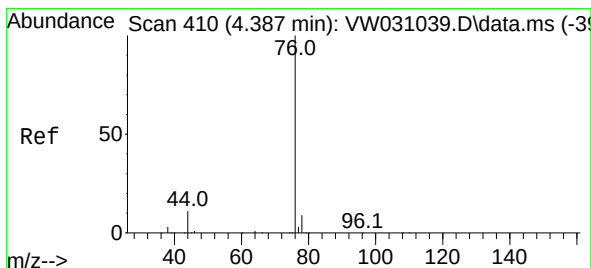
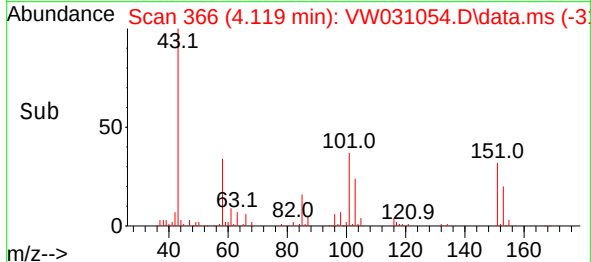
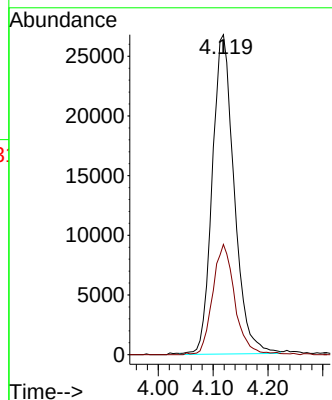
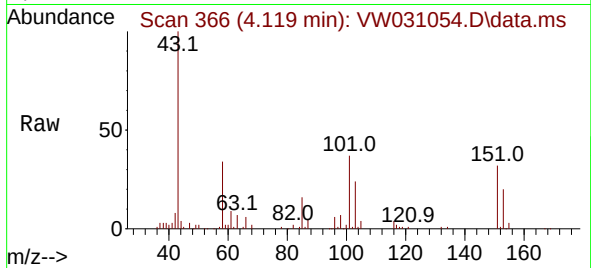




#13
Acetone
Concen: 66.727 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

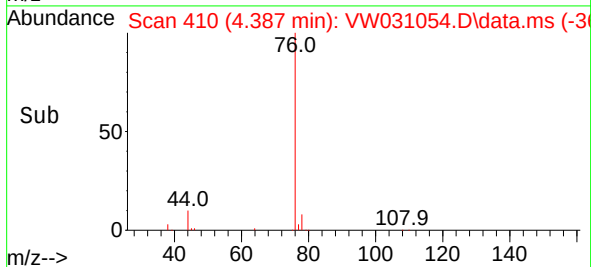
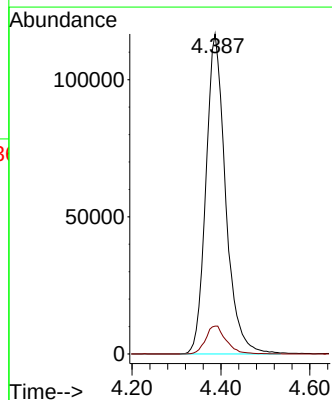
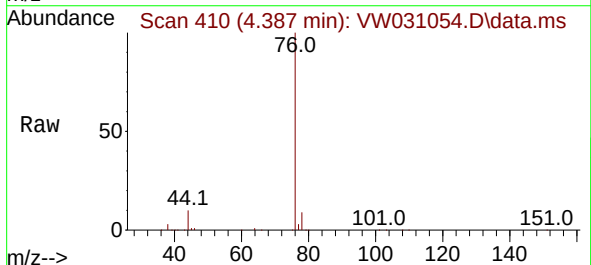
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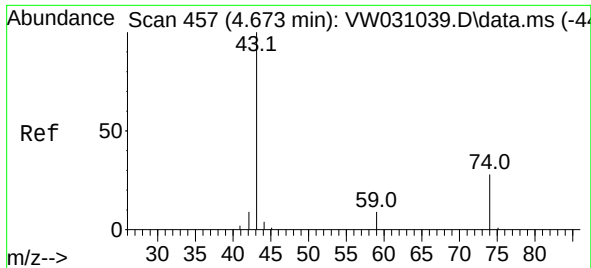
Tgt Ion: 43 Resp: 74288
Ion Ratio Lower Upper
43 100
58 34.4 0.0 62.6



#14
Carbon disulfide
Concen: 25.045 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031054.D
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Tgt Ion: 76 Resp: 359411
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

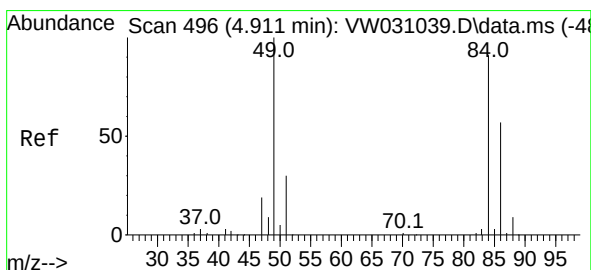
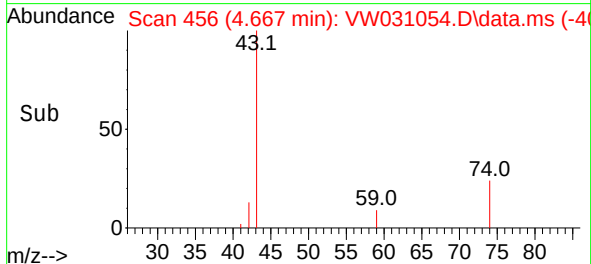
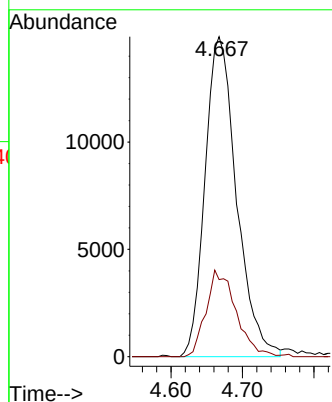
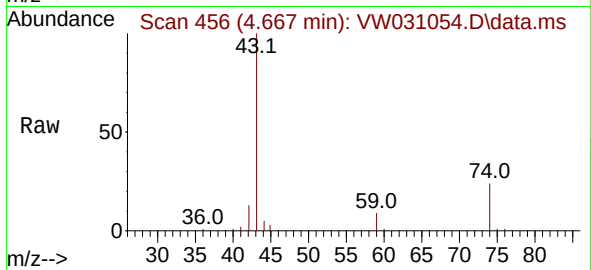




#15
Methyl Acetate
Concen: 27.935 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

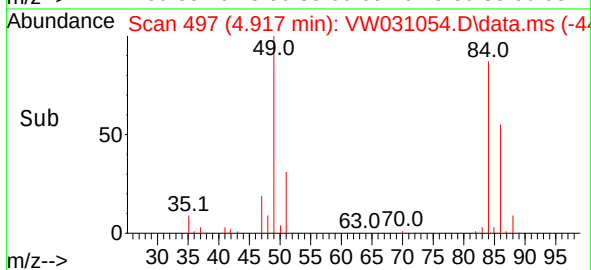
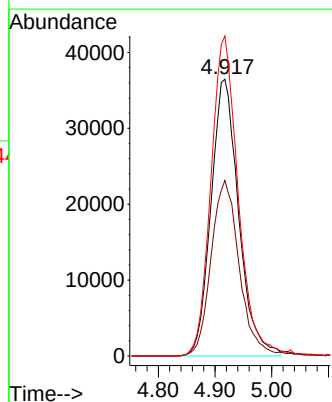
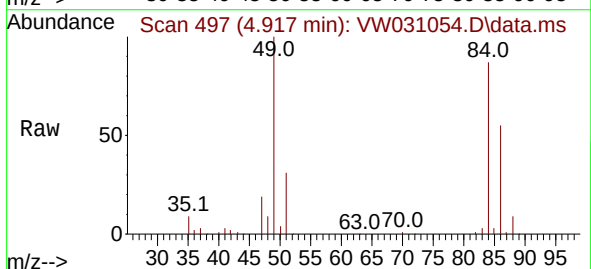
Instrument :
MSVOA_W
ClientSampleId :

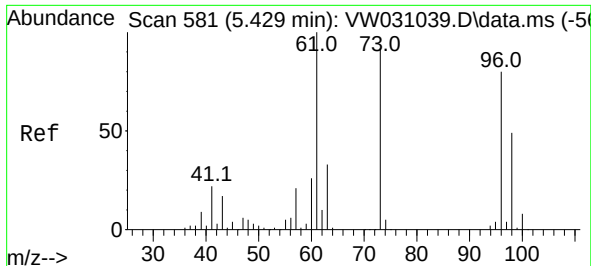
Tgt Ion: 43 Resp: 45619
Ion Ratio Lower Upper
43 100
74 12.4 20.2 30.2#



#16
Methylene chloride
Concen: 25.869 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 84 Resp: 123518
Ion Ratio Lower Upper
84 100
86 63.4 41.8 77.6
49 115.6 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 26.982 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :

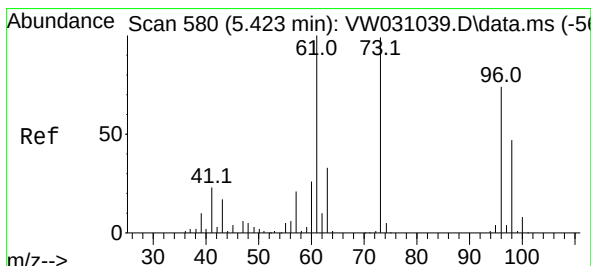
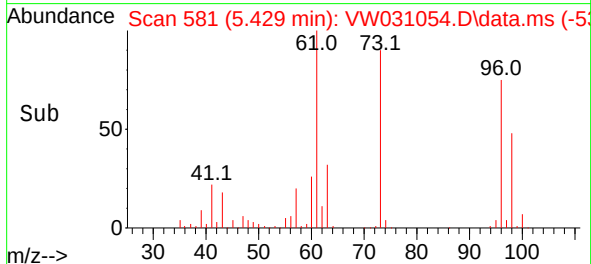
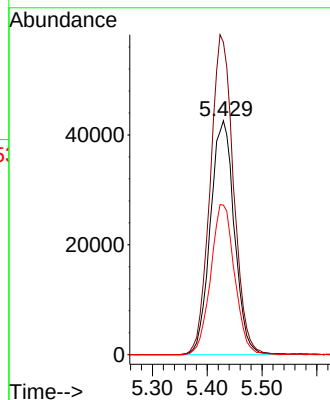
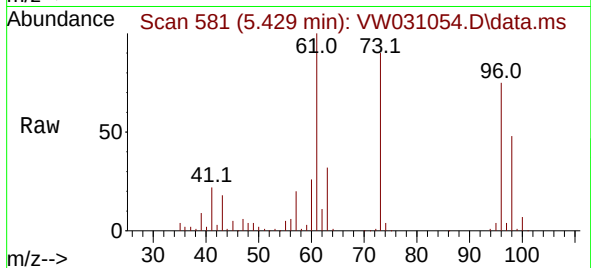
Tgt Ion: 96 Resp: 129221

Ion Ratio Lower Upper

96 100

61 133.6 95.2 176.8

98 63.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 28.398 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

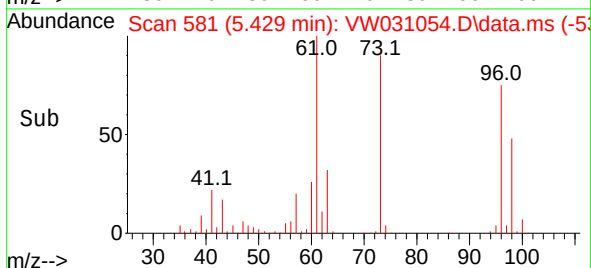
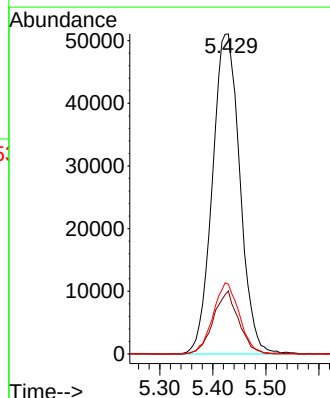
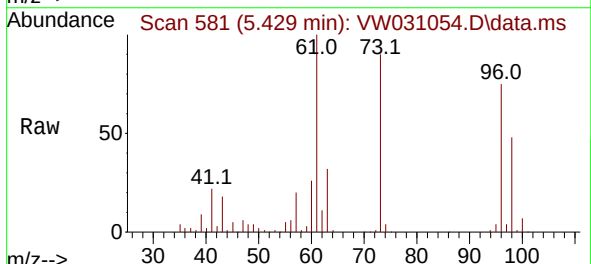
Tgt Ion: 73 Resp: 183560

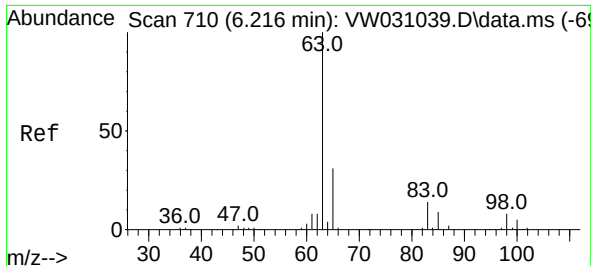
Ion Ratio Lower Upper

73 100

43 18.1 16.2 24.2

57 21.4 17.3 25.9

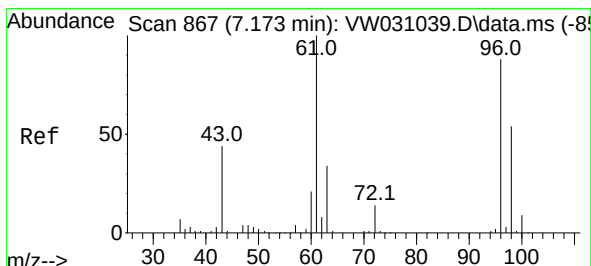
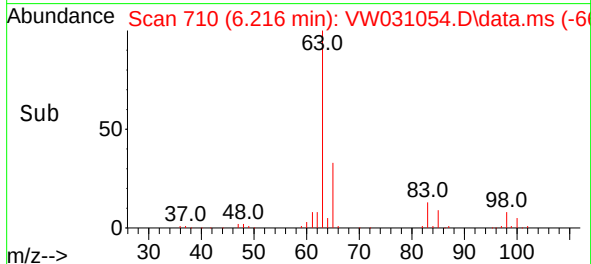
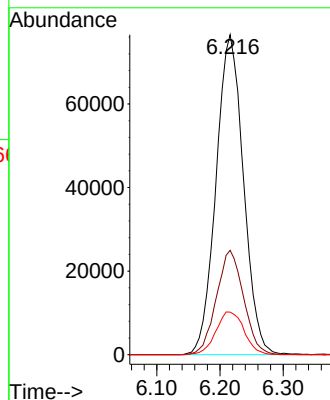
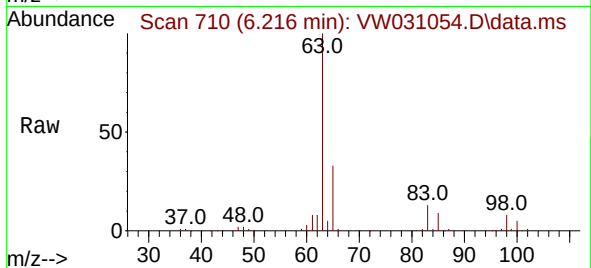




#19
1,1-Dichloroethane
Concen: 25.748 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

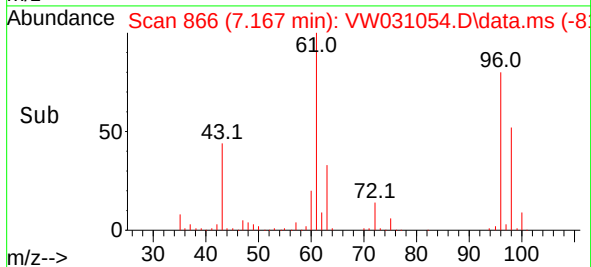
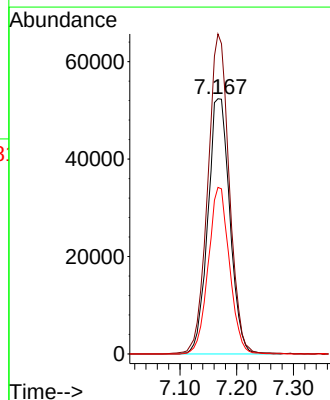
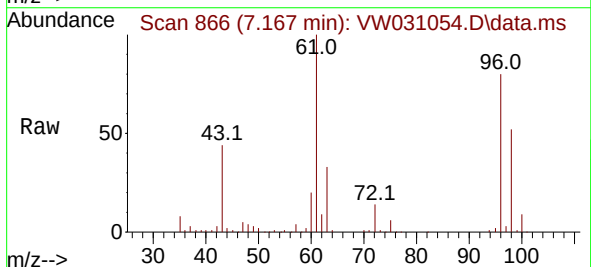
Instrument :
MSVOA_W
ClientSampleId :

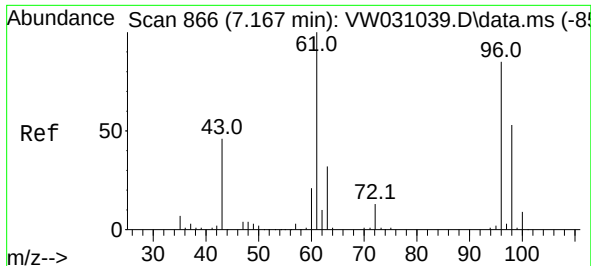
Tgt Ion: 63 Resp: 230102
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.8
83 13.3 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 27.740 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 96 Resp: 140936
Ion Ratio Lower Upper
96 100
61 125.4 89.2 165.8
98 65.3 45.1 83.9

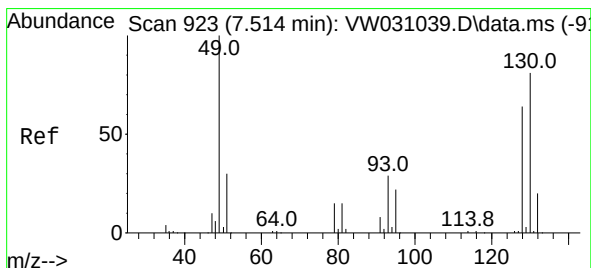
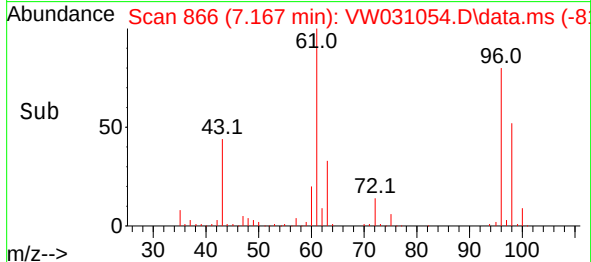
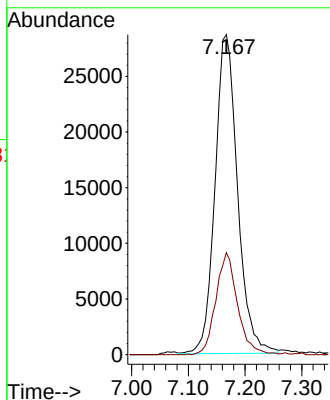
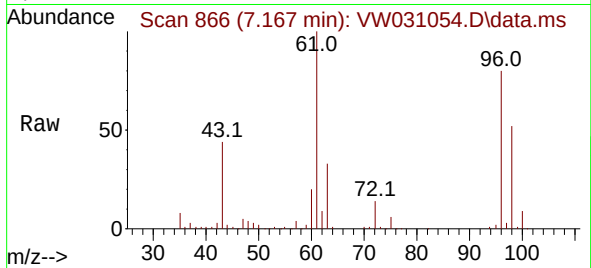




#22
2-Butanone
Concen: 63.502 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

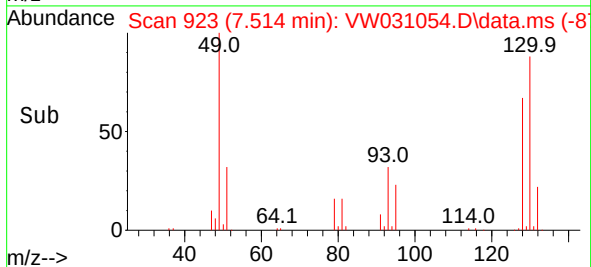
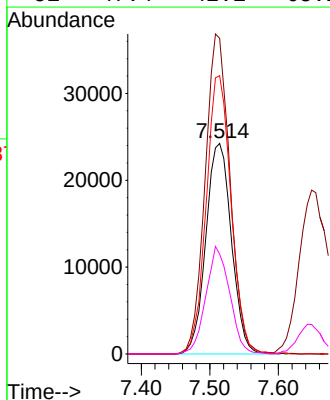
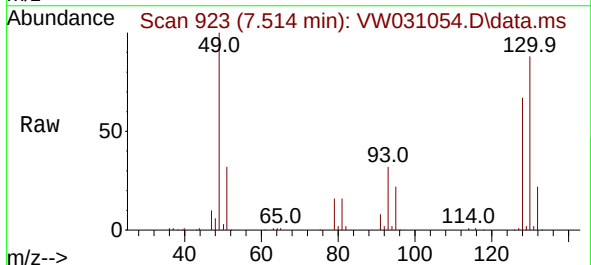
Instrument :
MSVOA_W
ClientSampleId :

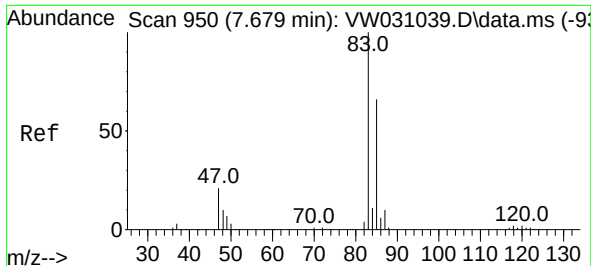
Tgt Ion: 43 Resp: 79173
Ion Ratio Lower Upper
43 100
72 30.4 14.5 43.6



#23
Bromochloromethane
Concen: 28.253 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 128 Resp: 62861
Ion Ratio Lower Upper
128 100
49 149.9 112.4 208.8
130 132.1 86.2 160.0
51 47.4 42.1 63.1





#25

Chloroform

Concen: 26.275 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

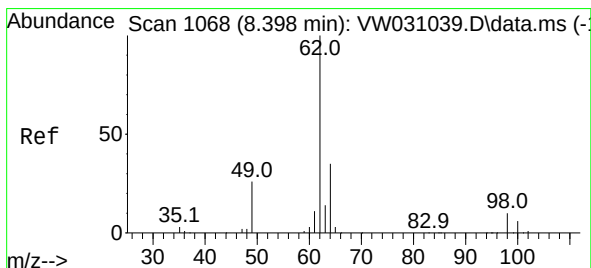
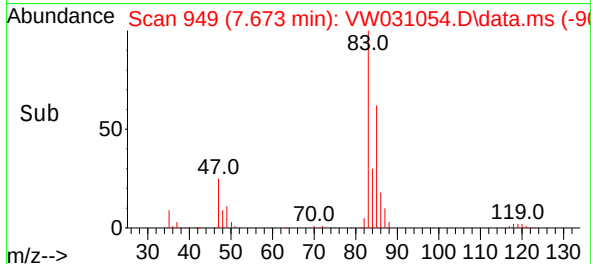
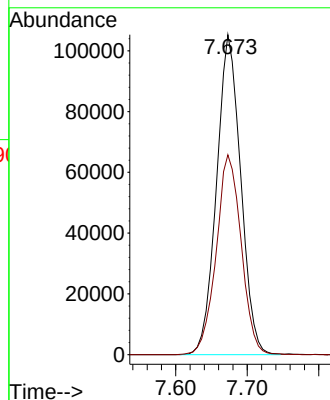
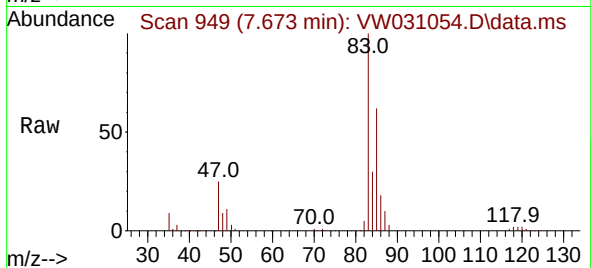
ClientSampleId :

Tgt Ion: 83 Resp: 247071

Ion Ratio Lower Upper

83 100

85 62.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 24.970 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031054.D

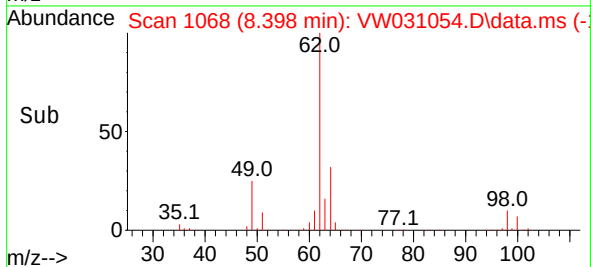
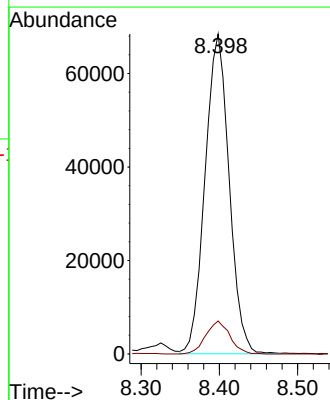
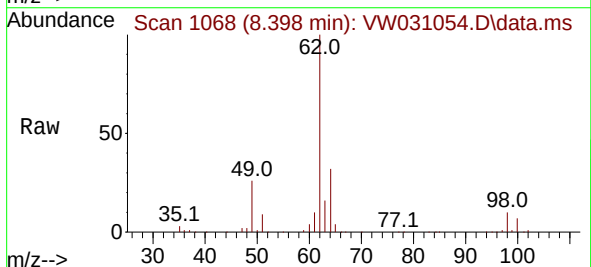
Acq: 19 Nov 2024 11:34

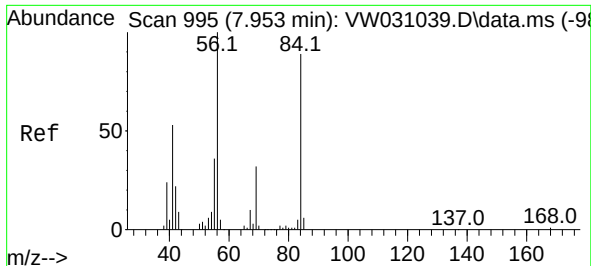
Tgt Ion: 62 Resp: 146226

Ion Ratio Lower Upper

62 100

98 10.3 7.1 10.7





#29

Cyclohexane

Concen: 24.766 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

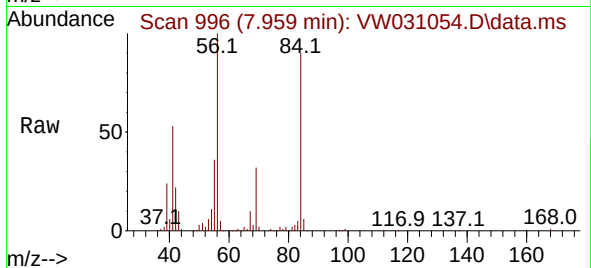
Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :



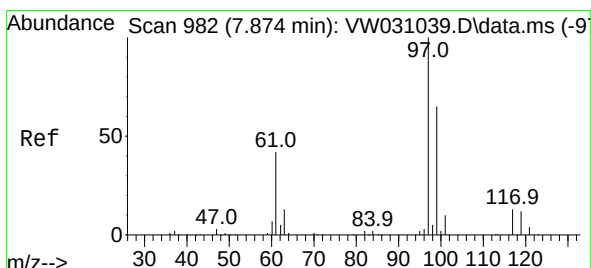
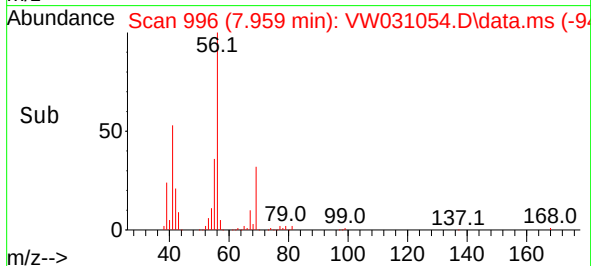
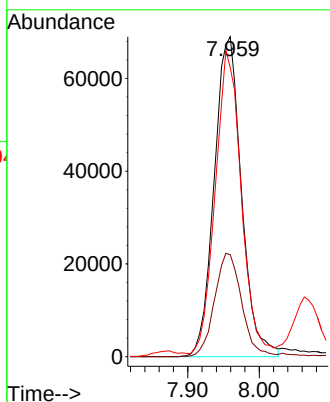
Tgt Ion: 56 Resp: 182723

Ion Ratio Lower Upper

56 100

69 32.0 24.8 37.2

84 91.5 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 25.961 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

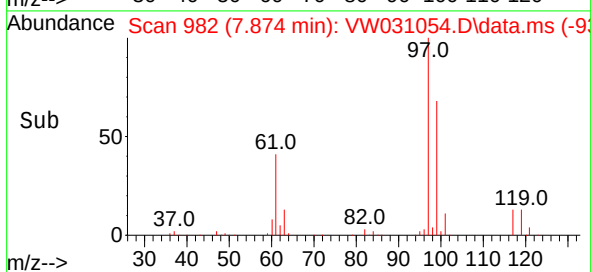
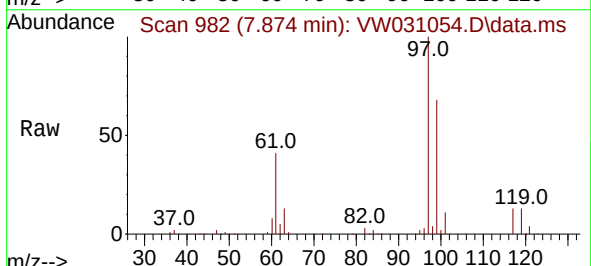
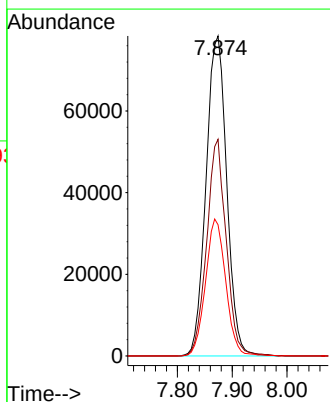
Tgt Ion: 97 Resp: 205313

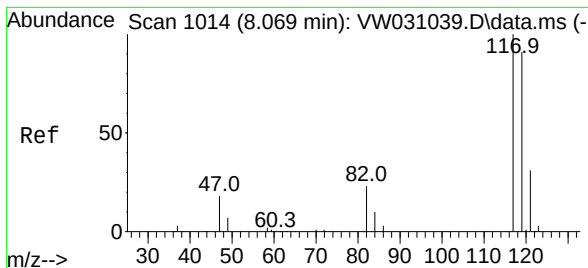
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 41.9 36.2 54.4





#31

Carbon tetrachloride

Concen: 26.511 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

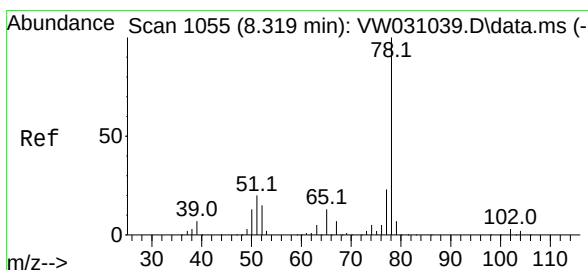
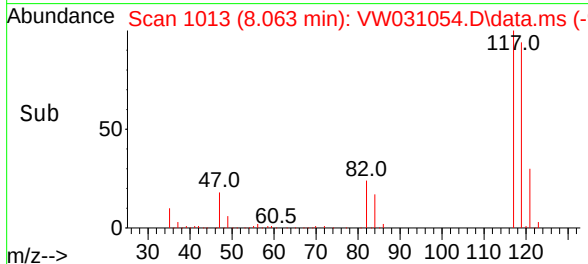
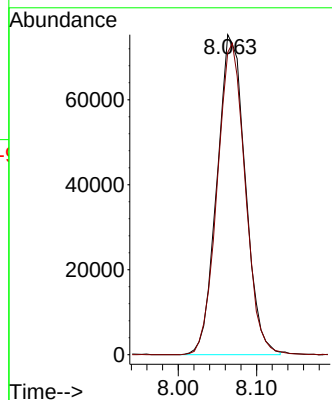
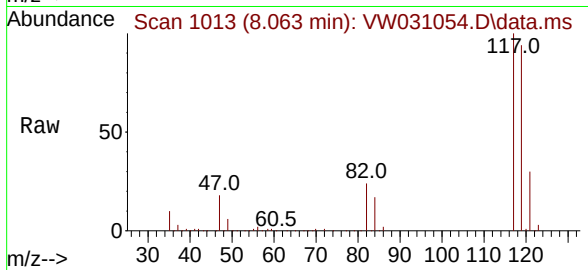
ClientSampleId :

Tgt Ion:117 Resp: 188398

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.2



#33

Benzene

Concen: 27.172 ug/L

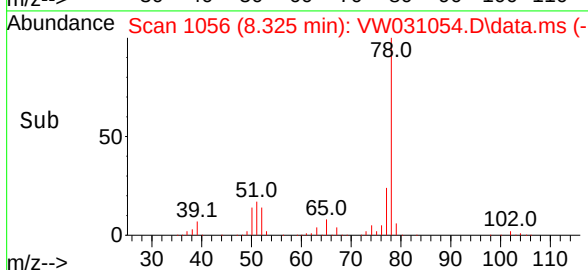
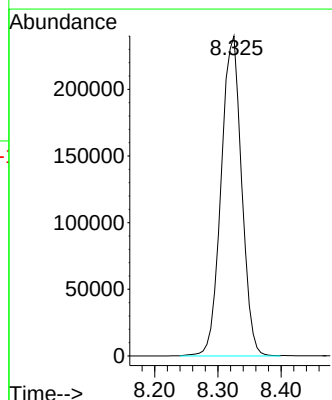
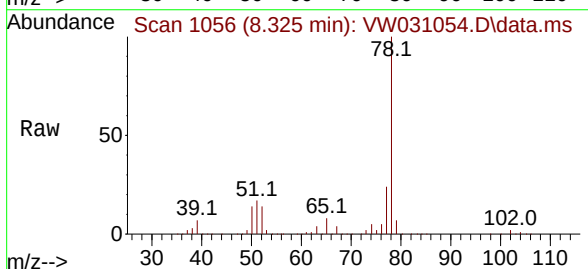
RT: 8.325 min Scan# 1056

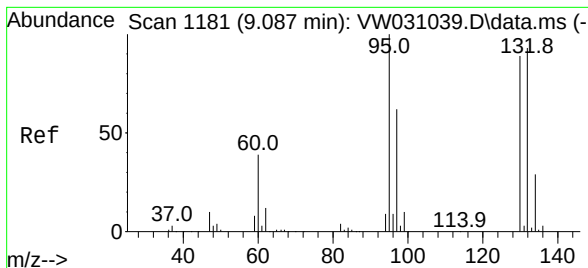
Delta R.T. 0.006 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Tgt Ion: 78 Resp: 539200





#34

Trichloroethene

Concen: 25.889 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 141667

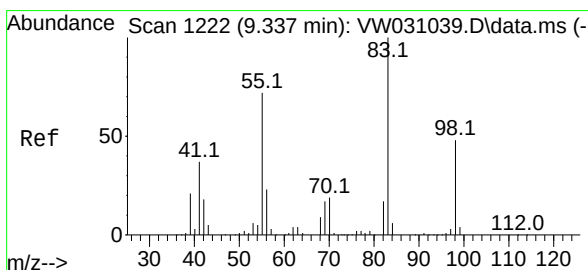
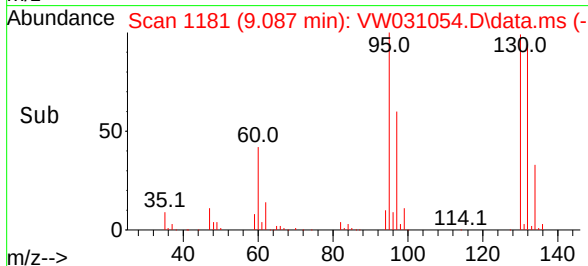
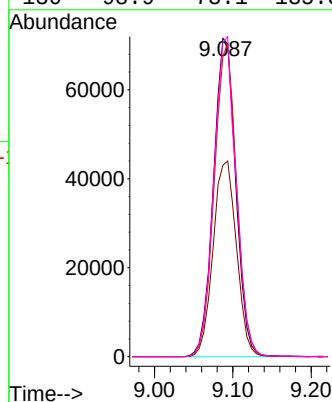
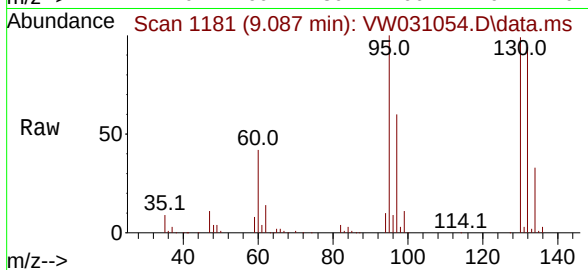
Ion Ratio Lower Upper

95 100

97 60.2 48.9 90.7

132 94.4 67.7 125.7

130 98.9 73.1 135.8



#35

Methylcyclohexane

Concen: 26.981 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

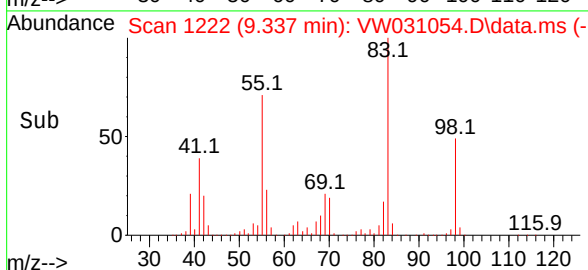
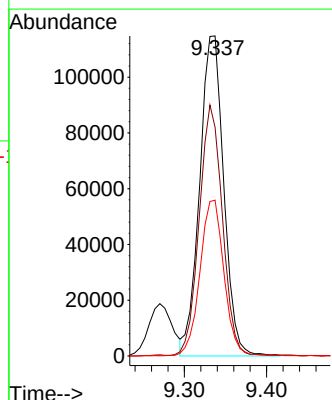
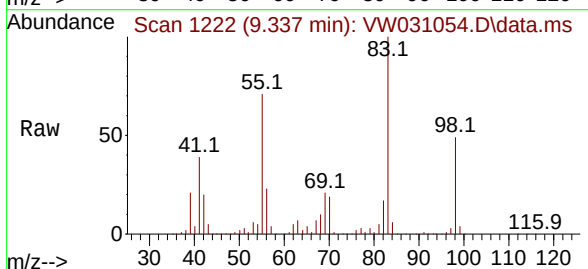
Tgt Ion: 83 Resp: 234004

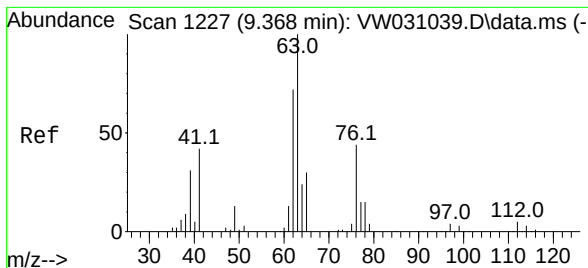
Ion Ratio Lower Upper

83 100

55 75.6 62.8 94.2

98 48.1 39.4 59.2





#37

1,2-Dichloropropane

Concen: 26.864 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

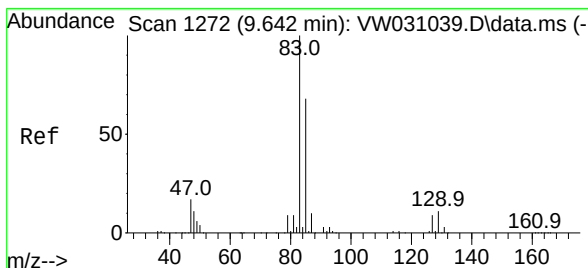
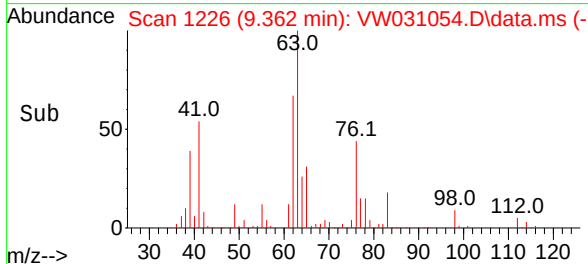
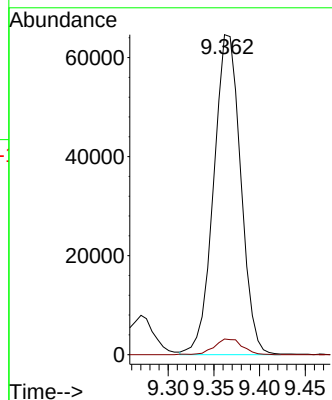
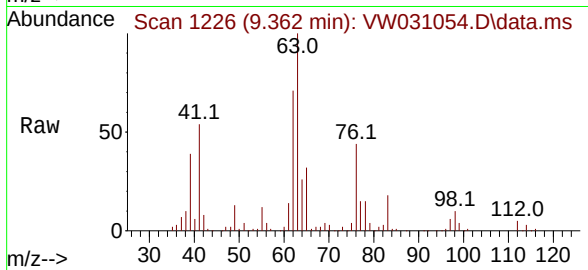
ClientSampleId :

Tgt Ion: 63 Resp: 133231

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 26.467 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

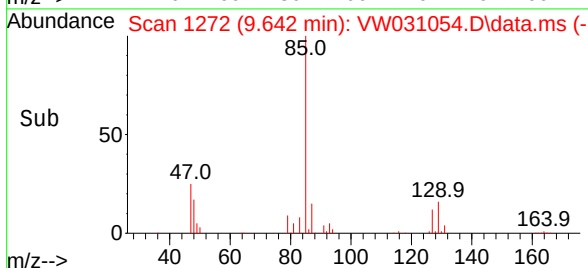
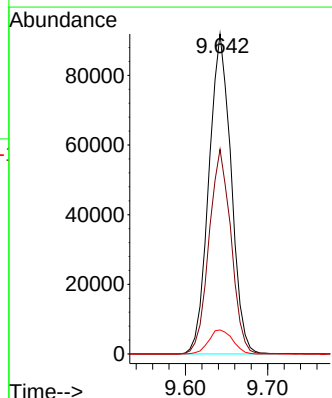
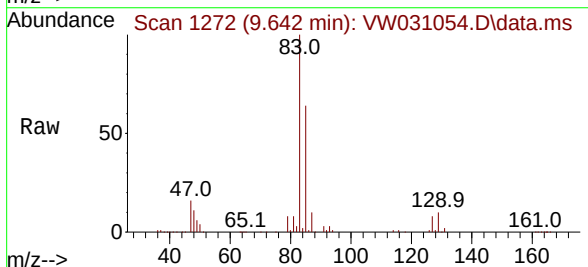
Tgt Ion: 83 Resp: 172378

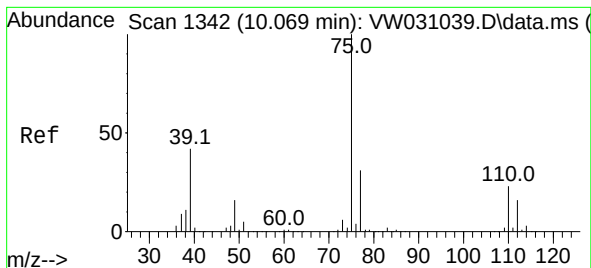
Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

127 7.5 6.4 9.6

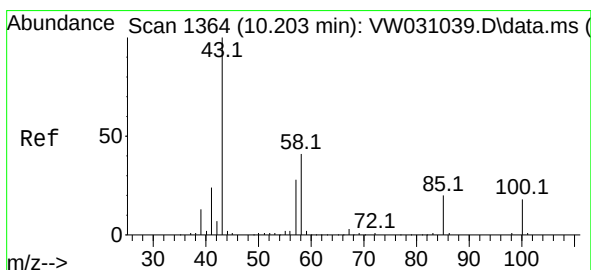
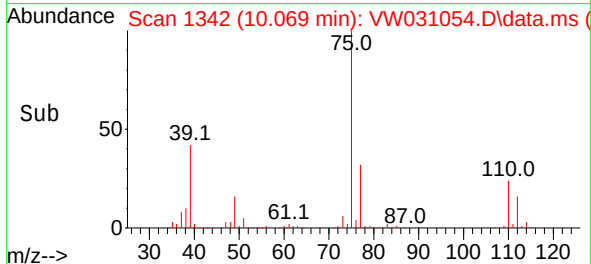
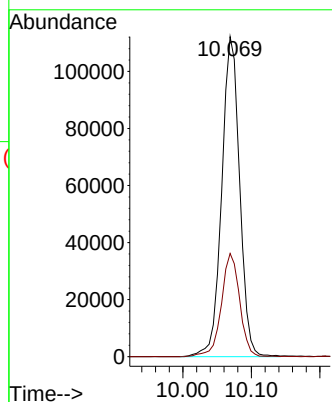
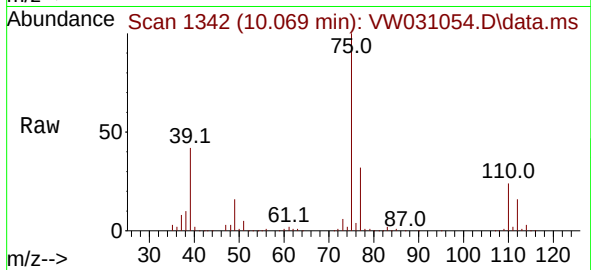




#39
cis-1,3-Dichloropropene
Concen: 27.407 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

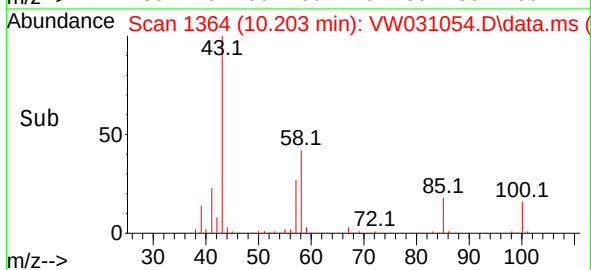
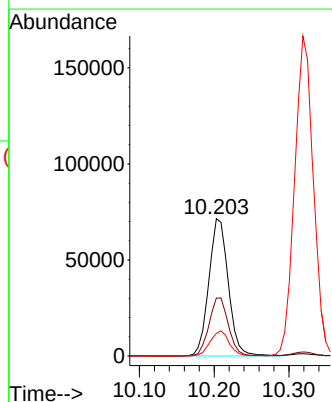
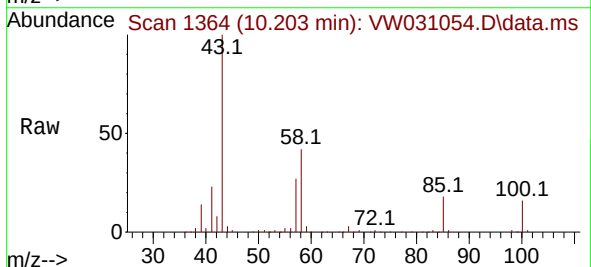
Instrument :
MSVOA_W
ClientSampleId :

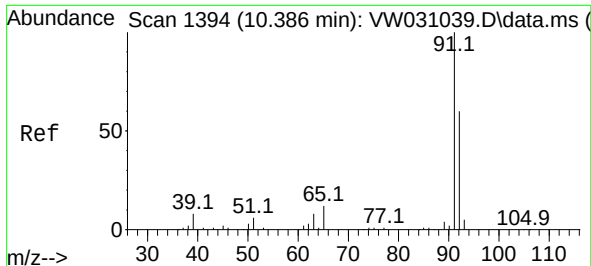
Tgt Ion: 75 Resp: 203327
Ion Ratio Lower Upper
75 100
77 32.3 21.3 39.6



#40
4-Methyl-2-pentanone
Concen: 57.054 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 43 Resp: 129399
Ion Ratio Lower Upper
43 100
58 42.2 32.2 48.4
100 18.0 13.3 19.9





#42

Toluene

Concen: 27.726 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

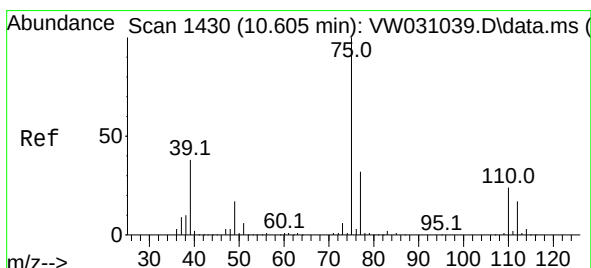
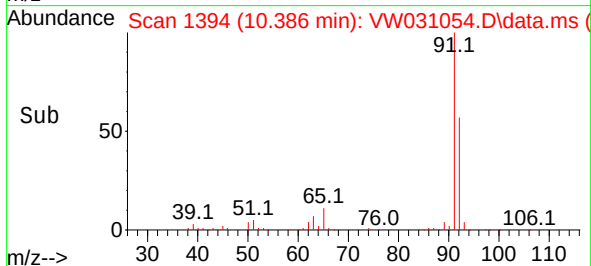
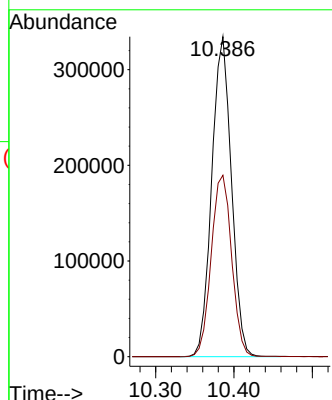
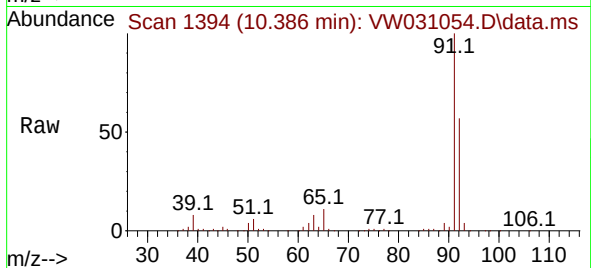
ClientSampleId :

Tgt Ion: 91 Resp: 582631

Ion Ratio Lower Upper

91 100

92 56.7 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 27.092 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031054.D

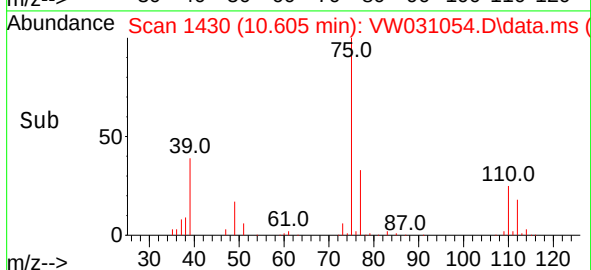
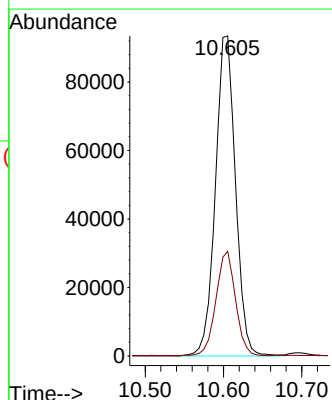
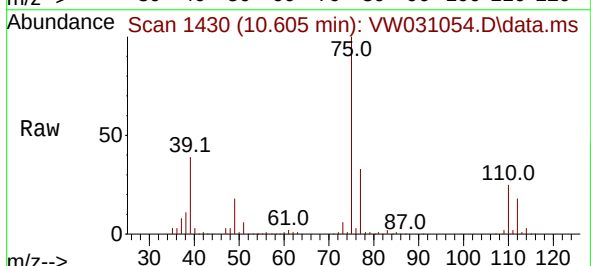
Acq: 19 Nov 2024 11:34

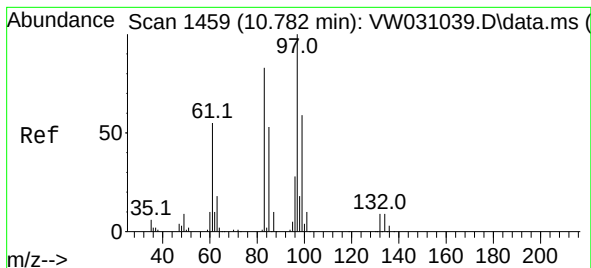
Tgt Ion: 75 Resp: 166974

Ion Ratio Lower Upper

75 100

77 32.7 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 28.492 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 101426

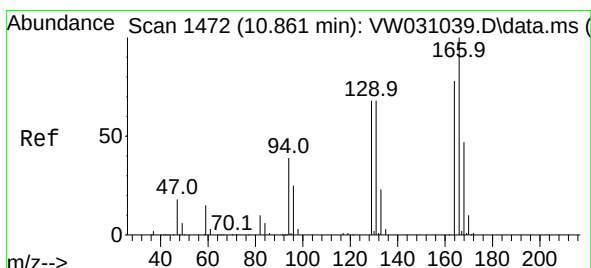
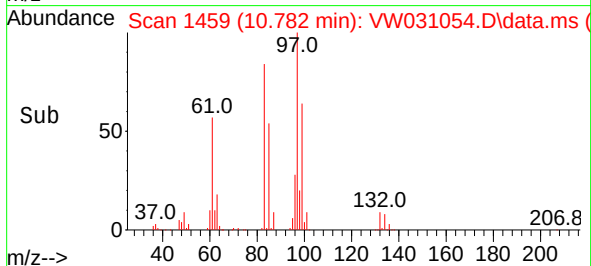
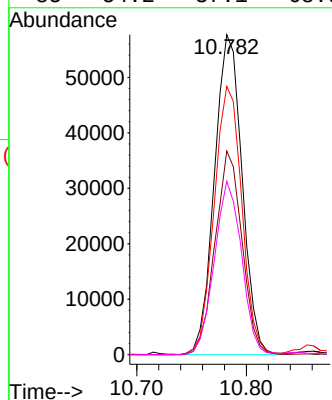
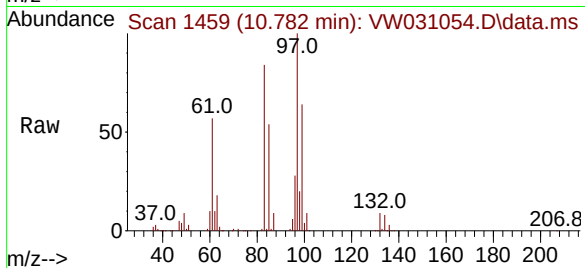
Ion Ratio Lower Upper

97 100

99 63.6 42.8 79.4

83 83.8 60.6 112.6

85 54.2 37.1 68.9



#46

Tetrachloroethene

Concen: 28.890 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Tgt Ion:164 Resp: 120853

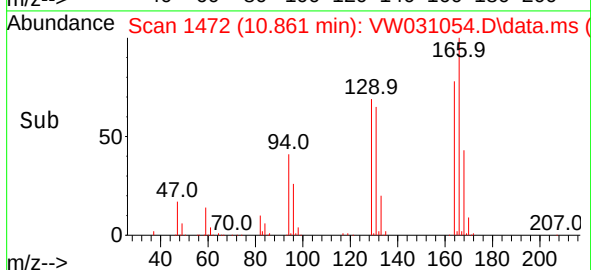
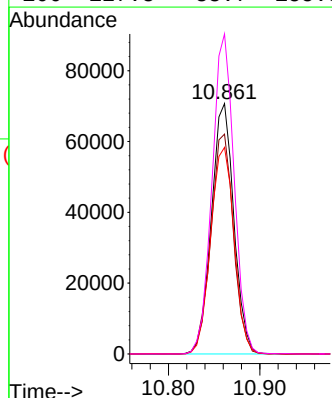
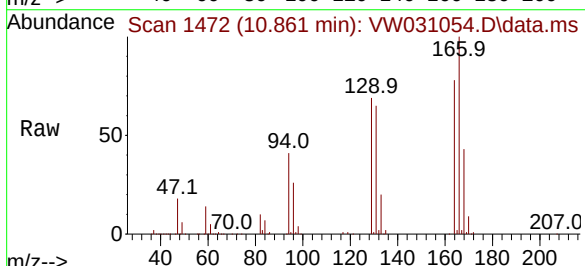
Ion Ratio Lower Upper

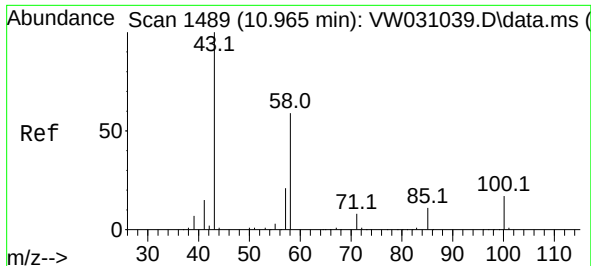
164 100

129 87.8 71.1 132.1

131 82.5 62.6 116.3

166 127.8 83.7 155.5

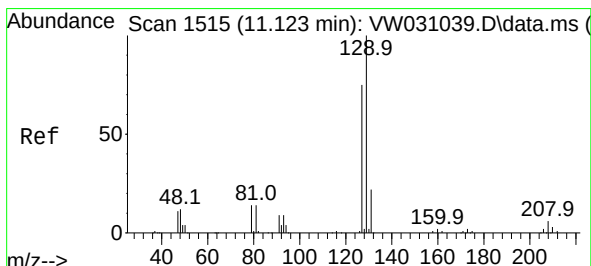
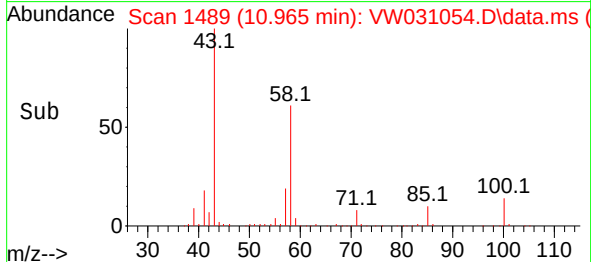
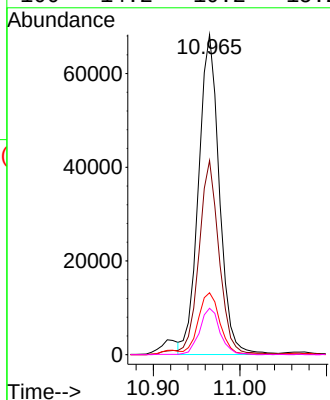
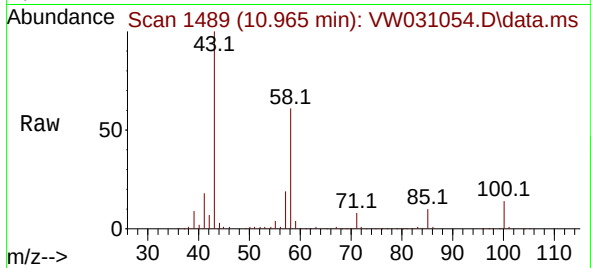




#48
2-Hexanone
Concen: 66.102 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

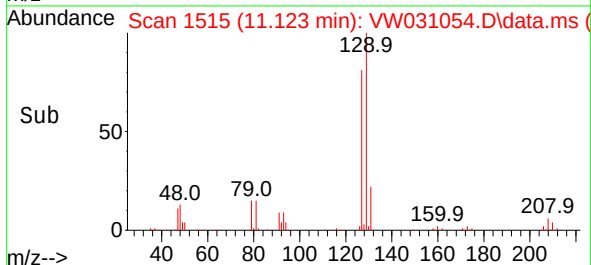
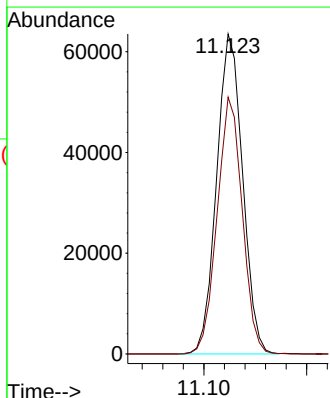
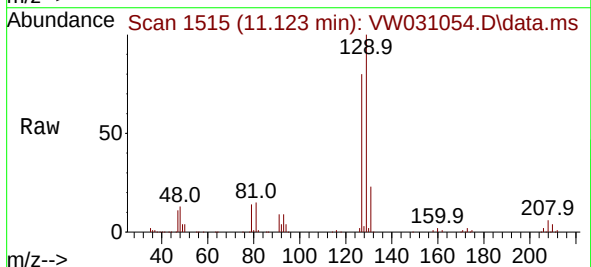
Instrument :
MSVOA_W
ClientSampleId :

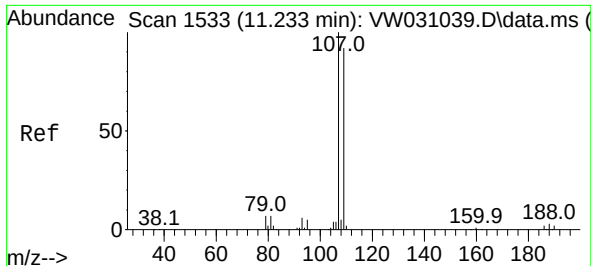
Tgt Ion: 43 Resp: 114060
Ion Ratio Lower Upper
43 100
58 59.6 43.8 65.8
57 20.2 15.4 23.2
100 14.2 10.2 15.2



#49
Dibromochloromethane
Concen: 28.691 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion:129 Resp: 111357
Ion Ratio Lower Upper
129 100
127 80.3 52.1 96.7





#50

1,2-Dibromoethane

Concen: 28.495 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031054.D

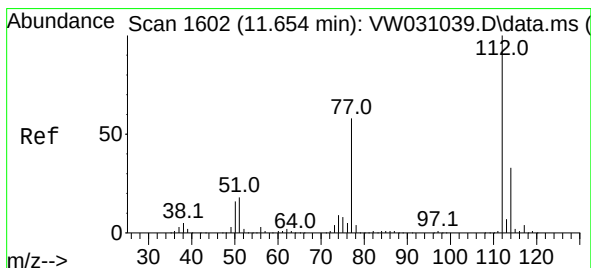
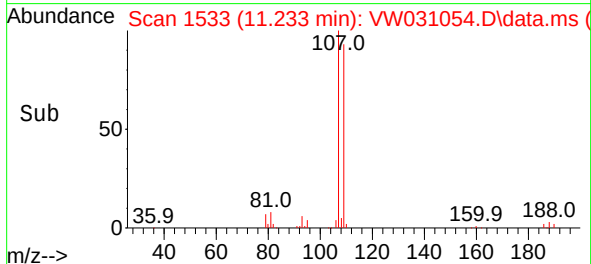
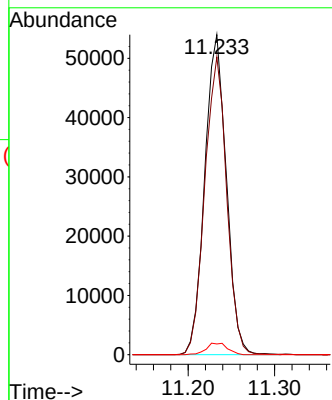
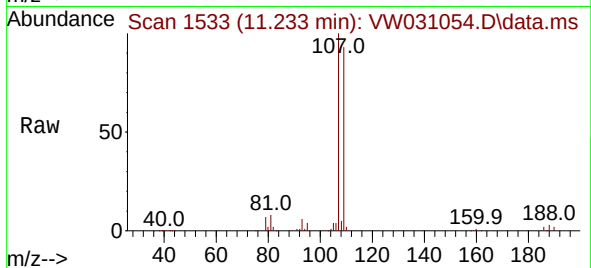
Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	93543
Ion Ratio	Lower	Upper
107	100	
109	93.1	64.3 119.3
188	3.4	2.7 4.1



#51

Chlorobenzene

Concen: 27.170 ug/L

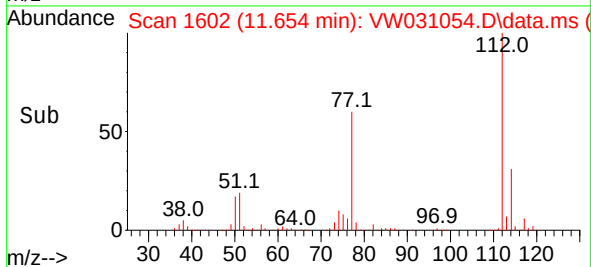
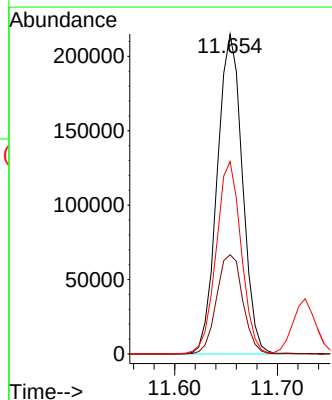
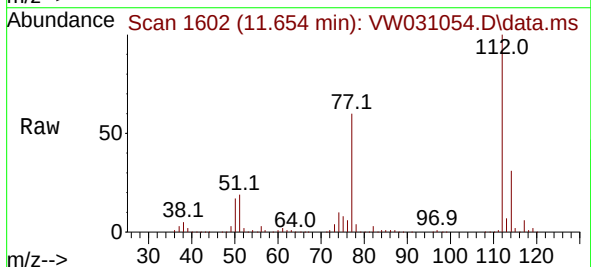
RT: 11.654 min Scan# 1602

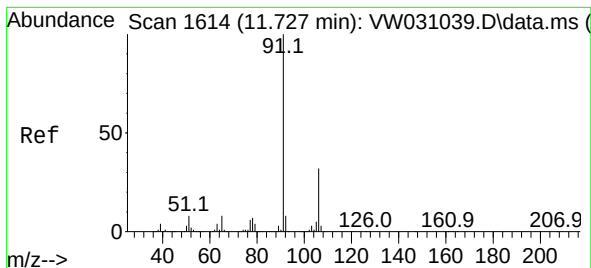
Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Tgt Ion:112	Resp:	365398
Ion Ratio	Lower	Upper
112	100	
114	31.0	21.9 40.7
77	60.1	45.3 67.9

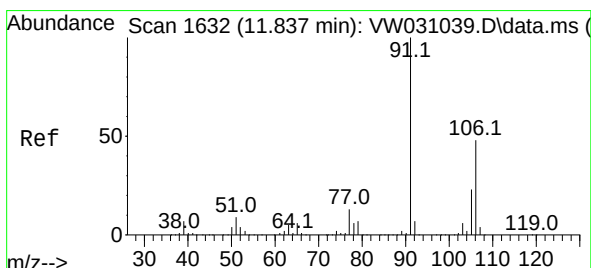
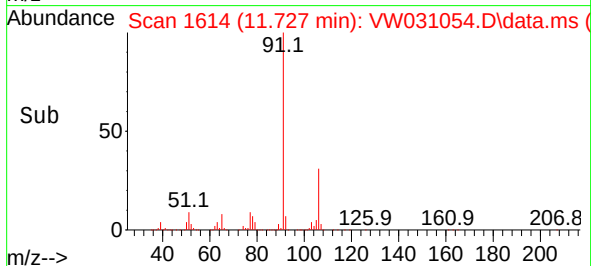
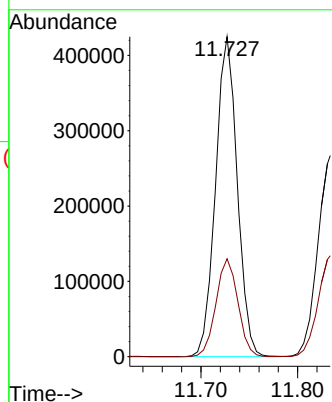
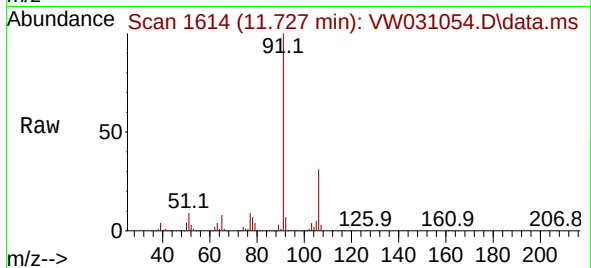




#52
Ethylbenzene
Concen: 27.881 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

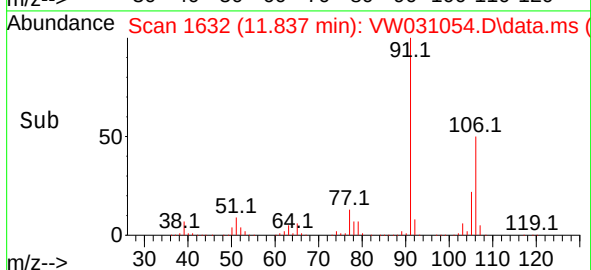
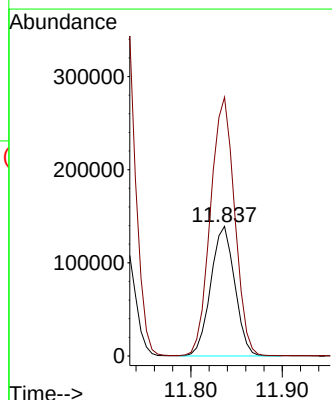
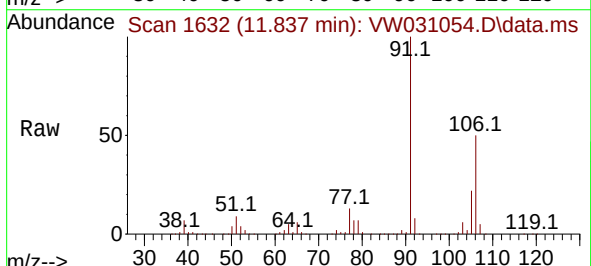
Instrument :
MSVOA_W
ClientSampleId :

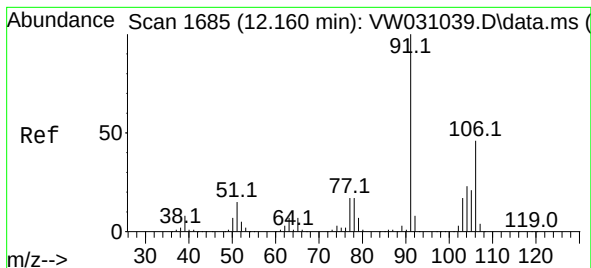
Tgt Ion: 91 Resp: 661987
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 28.478 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion:106 Resp: 254306
Ion Ratio Lower Upper
106 100
91 199.7 140.7 261.3





#54

o-Xylene

Concen: 29.220 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

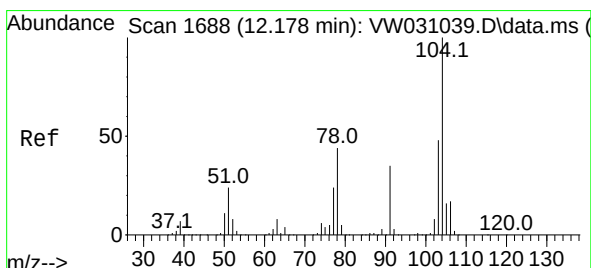
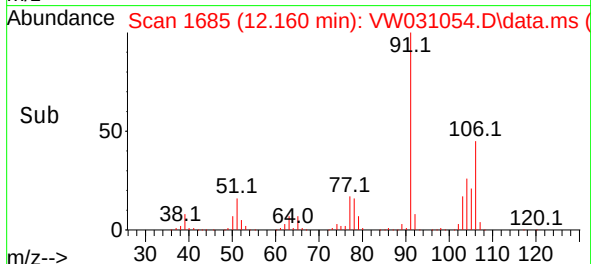
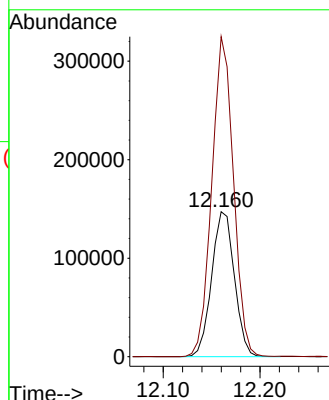
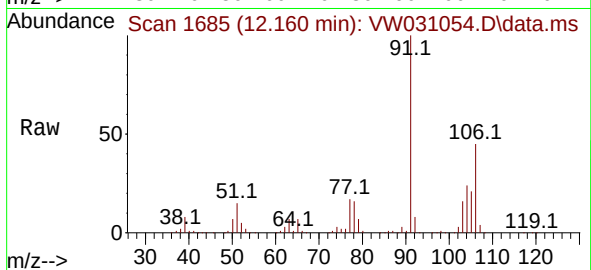
ClientSampleId :

Tgt Ion:106 Resp: 240101

Ion Ratio Lower Upper

106 100

91 220.7 149.9 278.3



#55

Styrene

Concen: 28.945 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031054.D

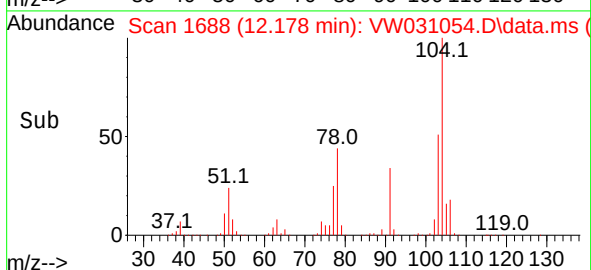
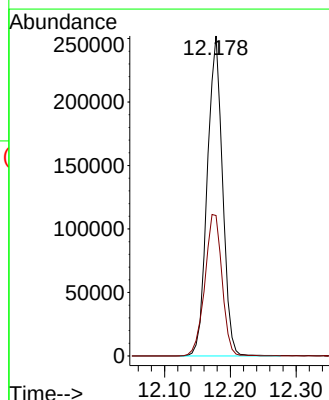
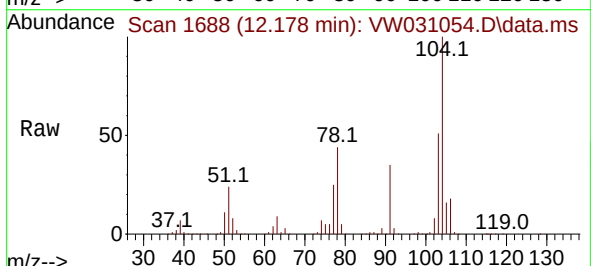
Acq: 19 Nov 2024 11:34

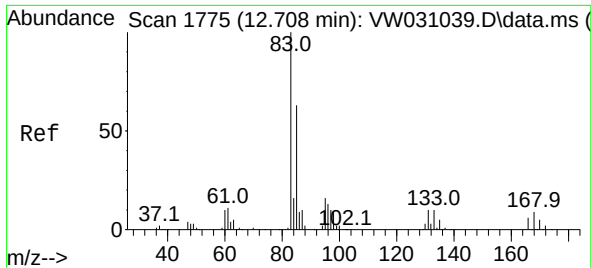
Tgt Ion:104 Resp: 406371

Ion Ratio Lower Upper

104 100

78 43.9 31.8 59.0

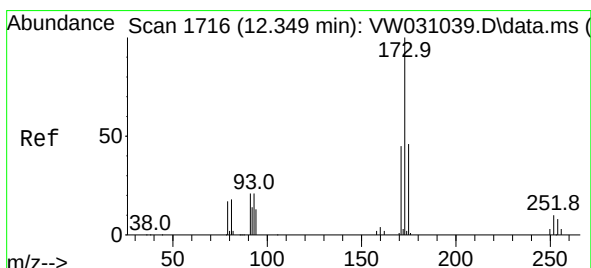
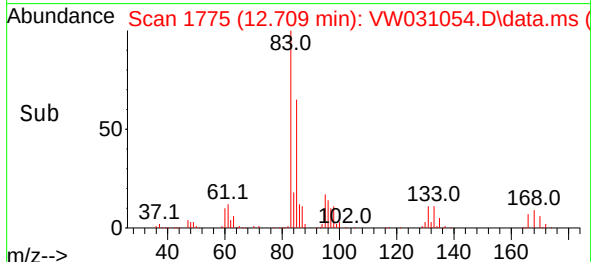
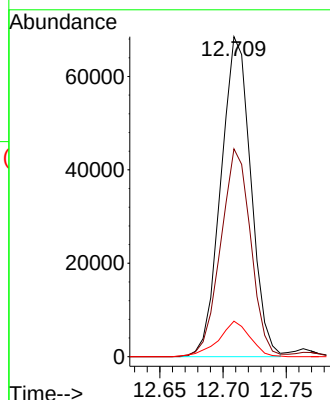
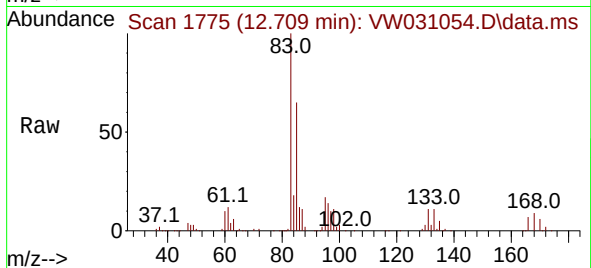




#57
1,1,2,2-Tetrachloroethane
Concen: 29.023 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

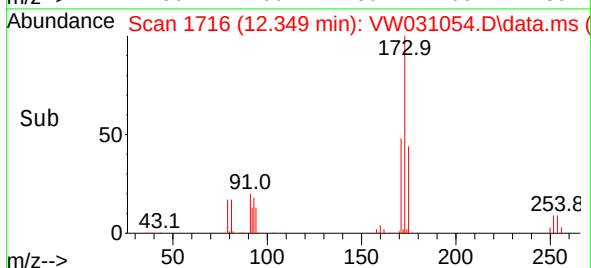
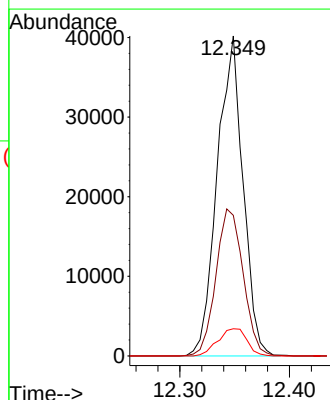
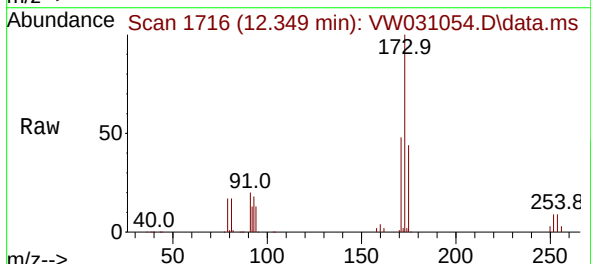
Instrument :
MSVOA_W
ClientSampleId :

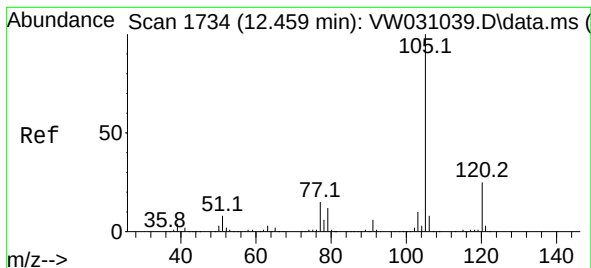
Tgt Ion: 83 Resp: 112749
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 11.1 7.7 11.5



#59
Bromoform
Concen: 28.608 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion:173 Resp: 65724
Ion Ratio Lower Upper
173 100
175 48.4 39.3 58.9
254 9.6 7.8 11.6





#60

Isopropylbenzene

Concen: 26.669 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :

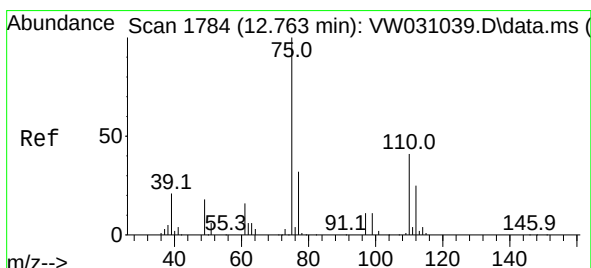
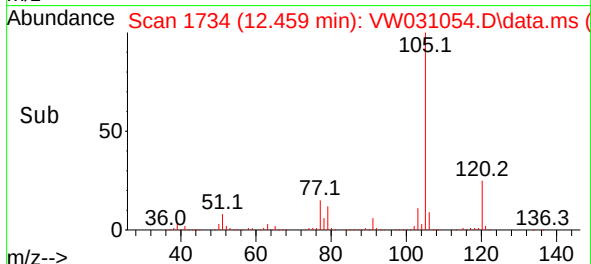
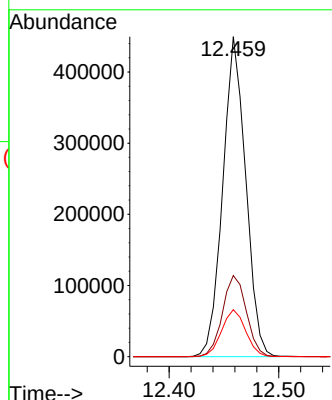
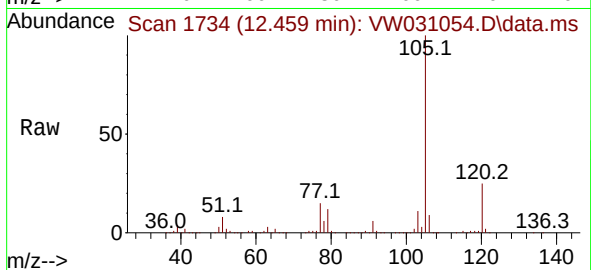
Tgt Ion:105 Resp: 654521

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 15.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 26.069 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

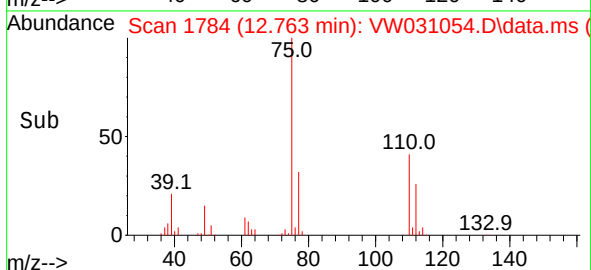
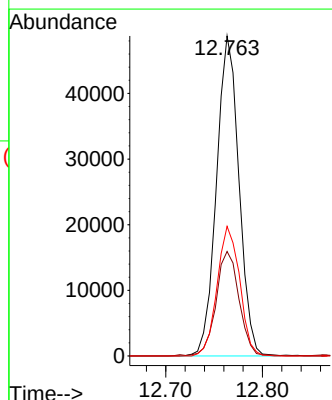
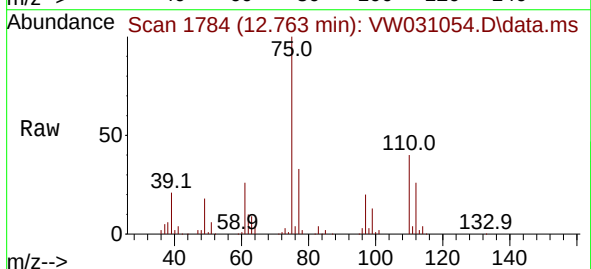
Tgt Ion: 75 Resp: 78635

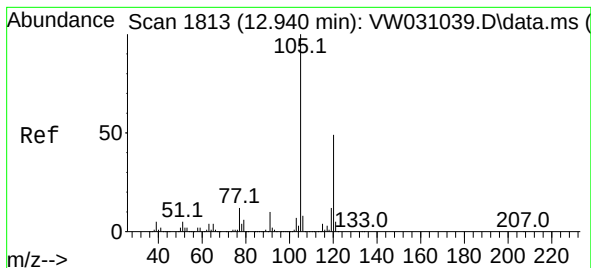
Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2

110 40.6 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 27.301 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

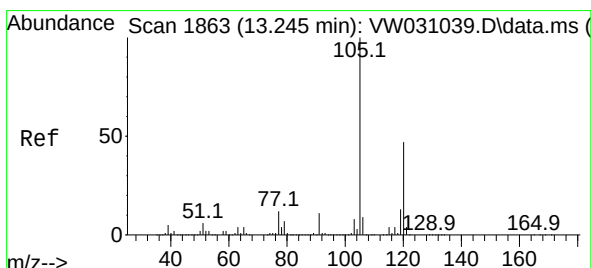
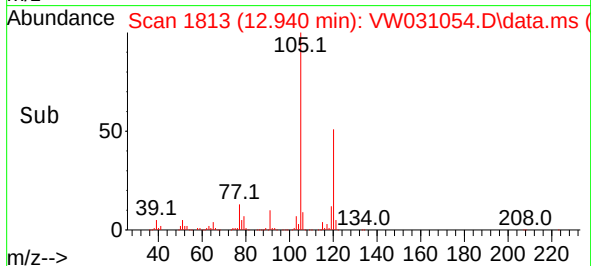
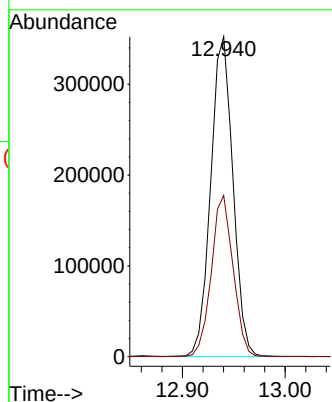
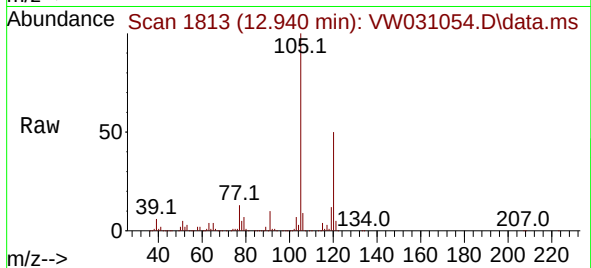
ClientSampleId :

Tgt Ion:105 Resp: 527561

Ion Ratio Lower Upper

105 100

120 49.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 27.030 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031054.D

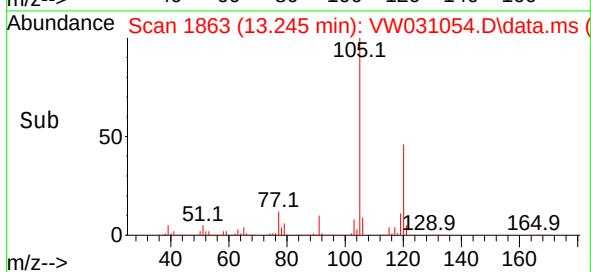
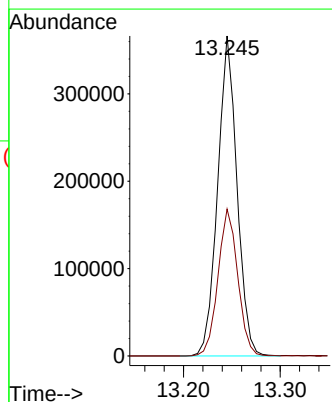
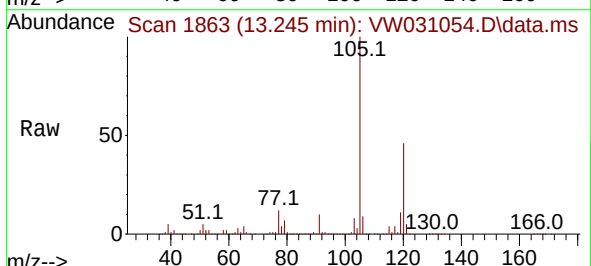
Acq: 19 Nov 2024 11:34

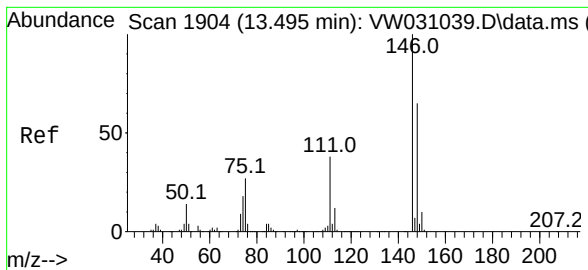
Tgt Ion:105 Resp: 508653

Ion Ratio Lower Upper

105 100

120 46.9 35.9 53.9

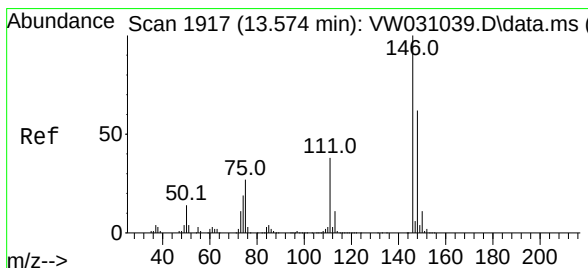
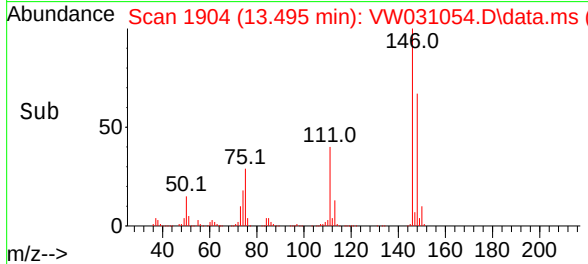
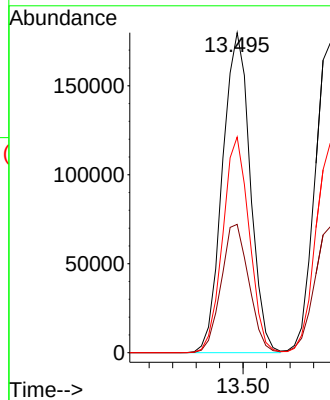
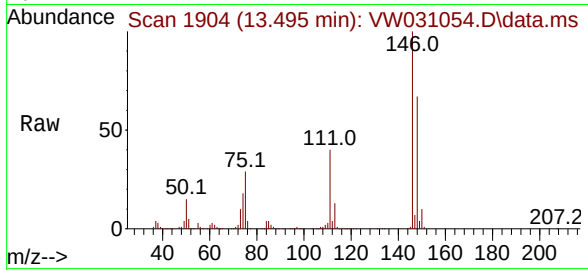




#64
1,3-Dichlorobenzene
Concen: 27.333 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

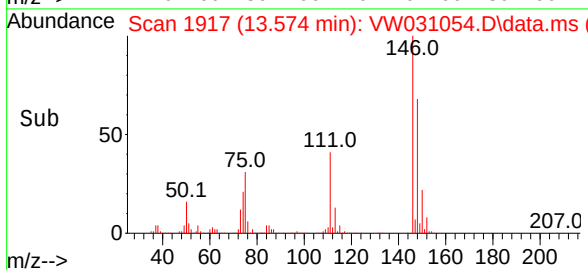
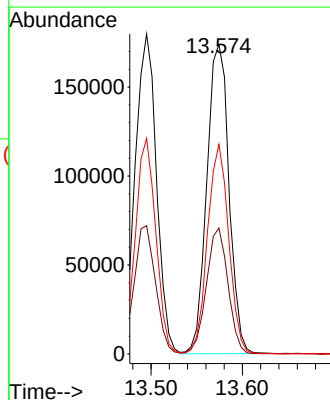
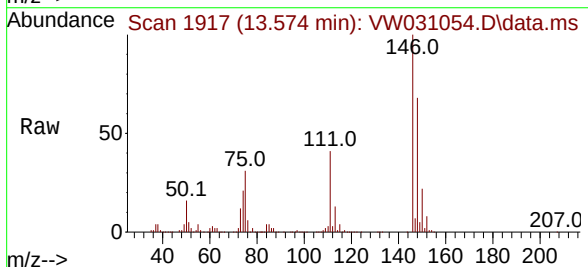
Instrument :
MSVOA_W
ClientSampleId :

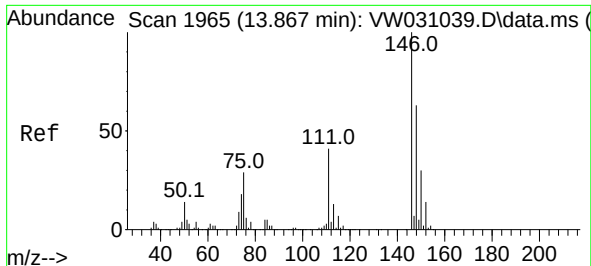
Tgt Ion:146 Resp: 294555
Ion Ratio Lower Upper
146 100
111 40.1 26.8 49.8
148 67.4 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 26.525 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

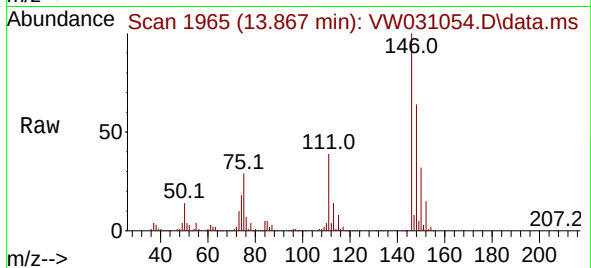
Tgt Ion:146 Resp: 293461
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.4
148 67.7 41.6 77.2



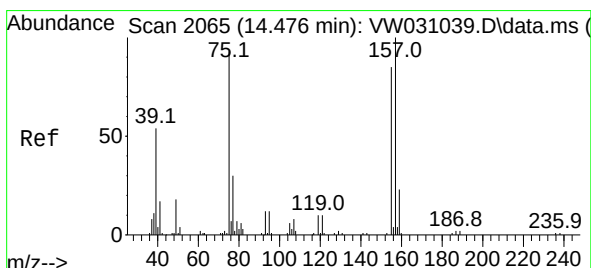
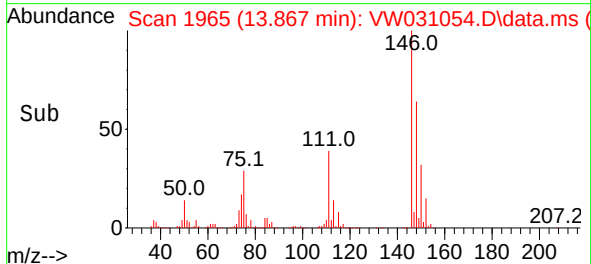
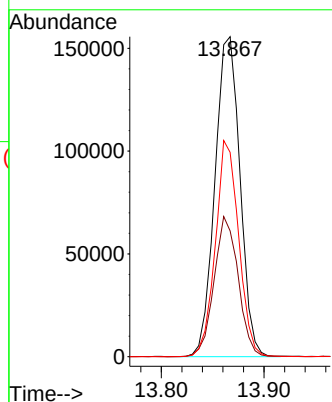


#67
1,2-Dichlorobenzene
Concen: 27.426 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Instrument :
MSVOA_W
ClientSampleId :

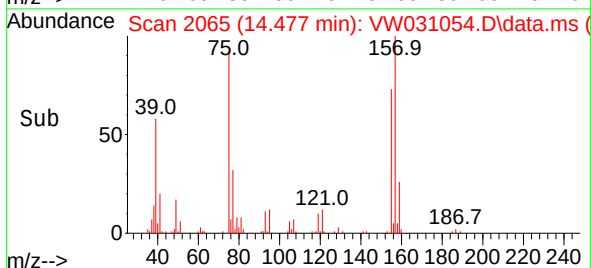
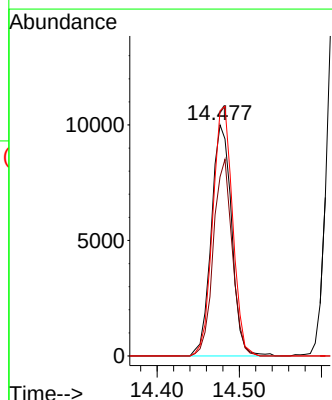
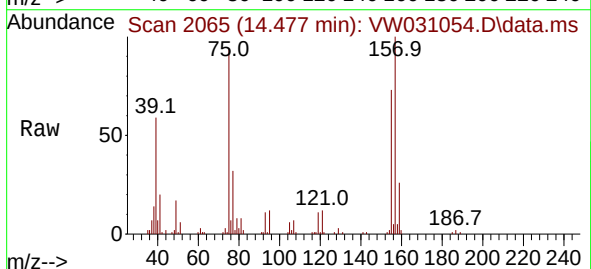


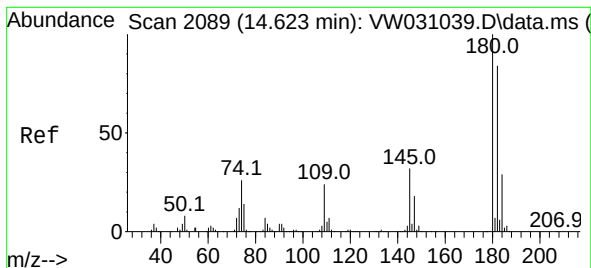
Tgt Ion:146 Resp: 263409
Ion Ratio Lower Upper
146 100
111 39.3 34.3 51.5
148 63.9 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.897 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031054.D
Acq: 19 Nov 2024 11:34

Tgt Ion: 75 Resp: 17177
Ion Ratio Lower Upper
75 100
155 77.4 56.2 84.2
157 106.1 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 29.138 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

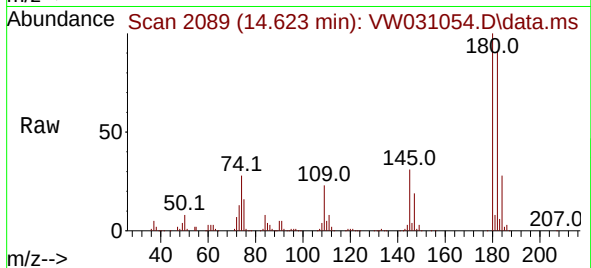
Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 208370

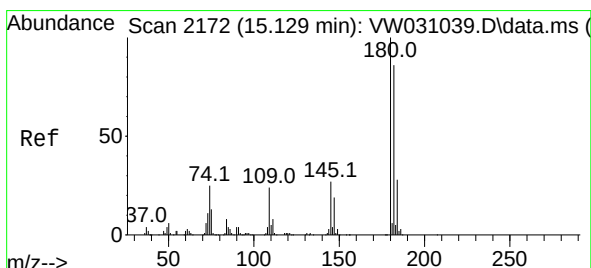
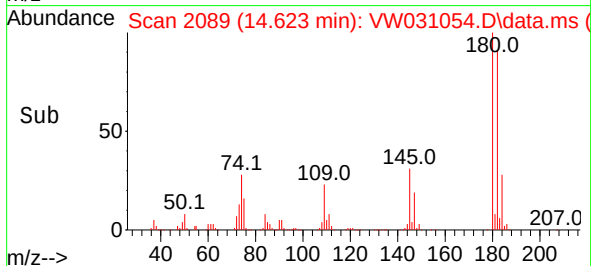
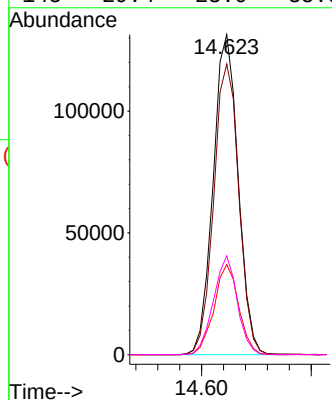
Ion Ratio Lower Upper

180 100

182 91.1 76.6 114.8

184 27.7 23.9 35.9

145 29.4 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 25.805 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031054.D

Acq: 19 Nov 2024 11:34

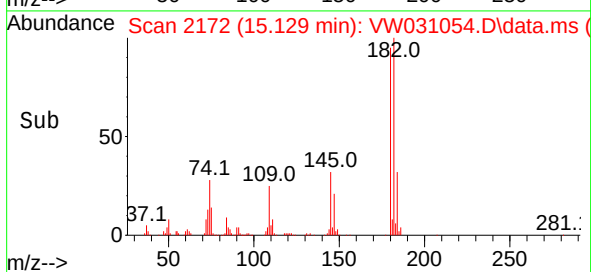
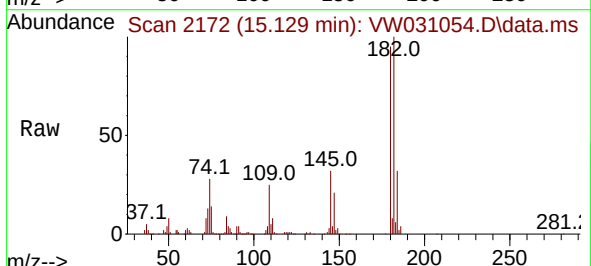
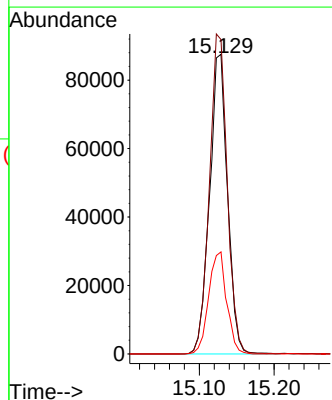
Tgt Ion:180 Resp: 146525

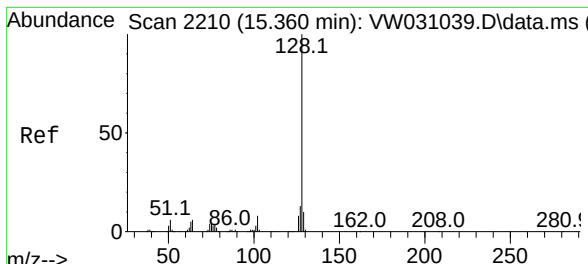
Ion Ratio Lower Upper

180 100

182 105.7 74.5 111.7

145 34.0 24.2 36.2



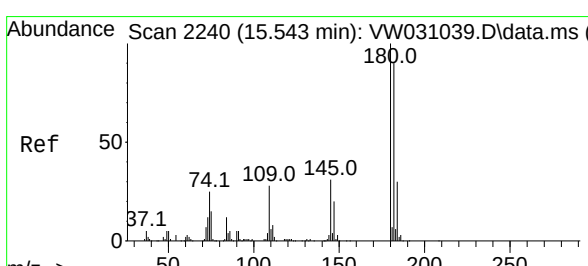
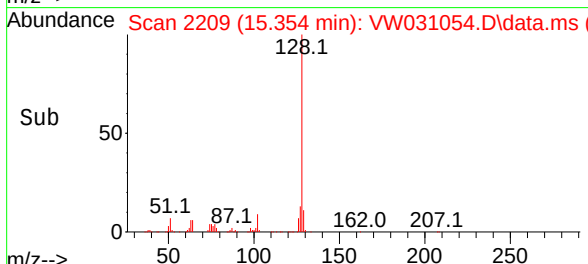
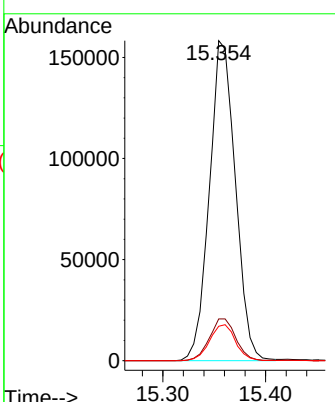
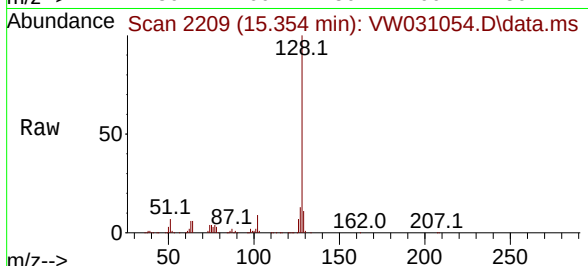


#71
 Naphthalene
 Concen: 30.234 ug/L
 RT: 15.354 min Scan# 2210
 Delta R.T. -0.006 min
 Lab File: VW031054.D
 Acq: 19 Nov 2024 11:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 278310

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.2	8.7	13.1



#72
 1,2,3-Trichlorobenzene
 Concen: 29.534 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VW031054.D
 Acq: 19 Nov 2024 11:34

Tgt Ion:180 Resp: 144531

Ion	Ratio	Lower	Upper
180	100		
182	97.2	79.2	118.8
145	32.4	27.0	40.6

