

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031653.D
 Acq On : 29 Jan 2025 19:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:35:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	589592	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	524476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	249628	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126615	13.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.760%
7) Chloroethane-d5	2.790	69	252	0.038	ug/L	-0.11
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.015	65	68224	16.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.280%
21) 2-Butanone-d5	7.075	46	108068	72.664	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.320%#
24) Chloroform-d	7.648	84	360706	23.639	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	8.301	65	194363	25.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.270	84	703460	21.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.270	67	222379	22.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	10.319	98	628156	21.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.480%
43) trans-1,3-Dichloroprop...	10.575	79	89988	22.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.120%
47) 2-Hexanone-d5	10.922	63	75551	76.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.220%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	192145	32.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	13.849	152	203785	23.275	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	97442	12.707	ug/L	90
3) Chloromethane	2.216	50	124522	15.667	ug/L	96
5) Vinyl chloride	2.375	62	144534	14.256	ug/L	100
6) Bromomethane	2.783	94	90388	15.254	ug/L	97
8) Chloroethane	2.930	64	92507	15.523	ug/L	96
9) Trichlorofluoromethane	3.259	101	126324	12.542	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	131468	17.047	ug/L	91
12) 1,1-Dichloroethene	4.039	96	131437	16.753	ug/L	90
14) Carbon disulfide	4.393	76	366581	13.872	ug/L	99
16) Methylene chloride	4.917	84	152026	18.933	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	153389	18.203	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	301789	22.335	ug/L	99
19) 1,1-Dichloroethane	6.210	63	308834	19.480	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	179806	19.985	ug/L	97
22) 2-Butanone	7.173	43	106987	54.729	ug/L	100
23) Bromochloromethane	7.508	128	76813	21.801	ug/L	94
25) Chloroform	7.673	83	307693	20.405	ug/L	99
27) 1,2-Dichloroethane	8.398	62	212355	22.864	ug/L	100
29) Cyclohexane	7.953	56	258041	15.350	ug/L	100

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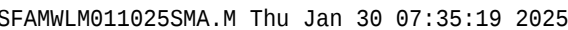
Instrument :
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 ClientSampleId :

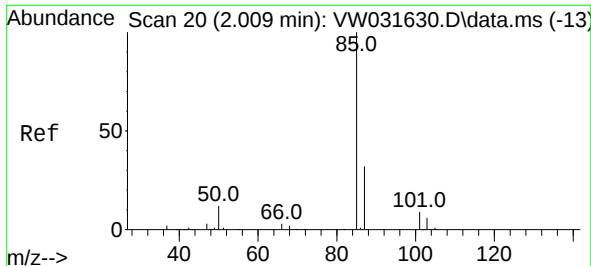
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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	227530	16.712	ug/L	99
31) Carbon tetrachloride	8.069	117	199152	16.498	ug/L	98
33) Benzene	8.319	78	674608	18.794	ug/L	100
34) Trichloroethene	9.087	95	175319	18.167	ug/L	98
35) Methylcyclohexane	9.331	83	264003	15.258	ug/L	99
37) 1,2-Dichloropropane	9.362	63	183170	20.303	ug/L	100
38) Bromodichloromethane	9.642	83	218333	20.007	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	277920	19.582	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	243352	54.039	ug/L	99
42) Toluene	10.380	91	705641	18.806	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	229926	20.268	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	138043	23.871	ug/L	97
46) Tetrachloroethene	10.855	164	114272	16.501	ug/L	87
48) 2-Hexanone	10.965	43	166537	60.517	ug/L	99
49) Dibromochloromethane	11.123	129	138488	21.765	ug/L	100
50) 1,2-Dibromoethane	11.233	107	128462	23.969	ug/L	99
51) Chlorobenzene	11.654	112	442876	19.114	ug/L	95
52) Ethylbenzene	11.727	91	803422	18.661	ug/L	96
53) m,p-Xylene	11.831	106	303446	18.485	ug/L	98
54) o-Xylene	12.160	106	292989	19.205	ug/L	100
55) Styrene	12.178	104	510669	20.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	167370	26.340	ug/L	98
59) Bromoform	12.349	173	75222	22.615	ug/L	100
60) Isopropylbenzene	12.459	105	786883	18.044	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	123182	26.277	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	657076	18.299	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	642947	18.397	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	326833	18.897	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	328751	19.218	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	301819	20.434	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	26947	25.712	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	204873	17.479	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	185397	19.859	ug/L	98
71) Naphthalene	15.360	128	447515	25.564	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	170922	21.738	ug/L	93

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

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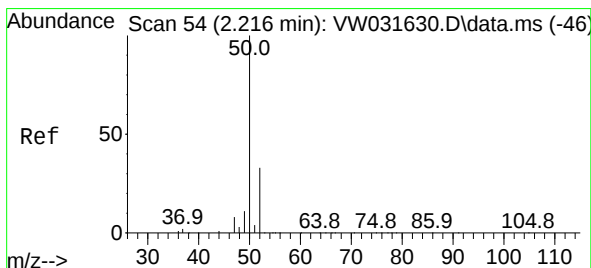
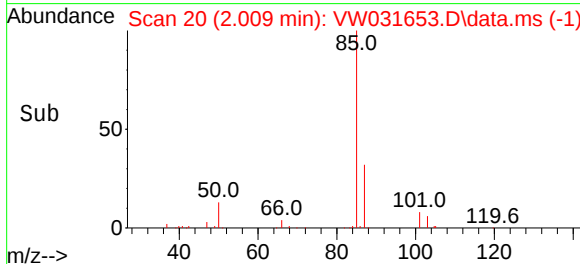
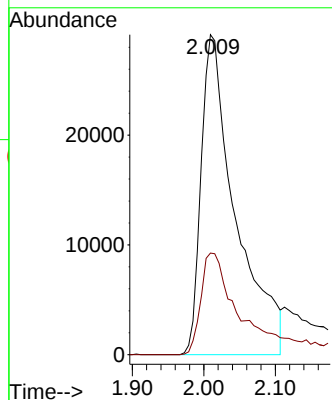
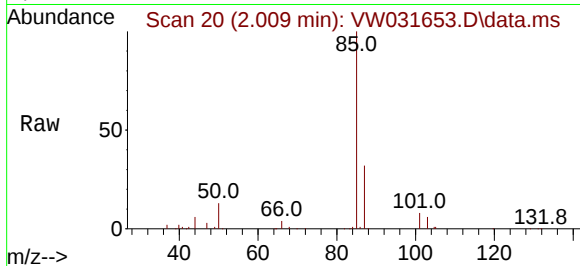




#2
Dichlorodifluoromethane
Concen: 12.707 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

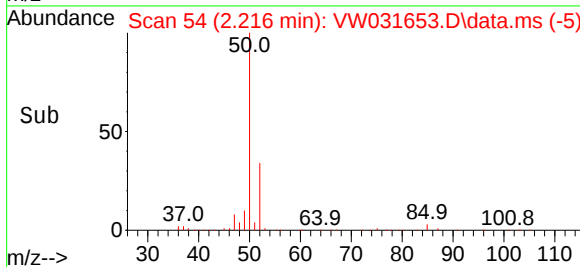
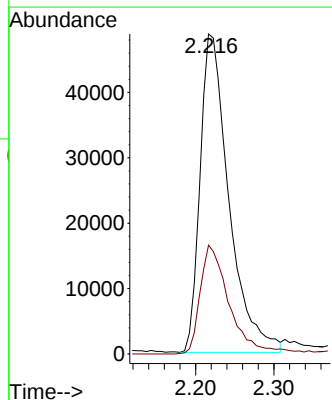
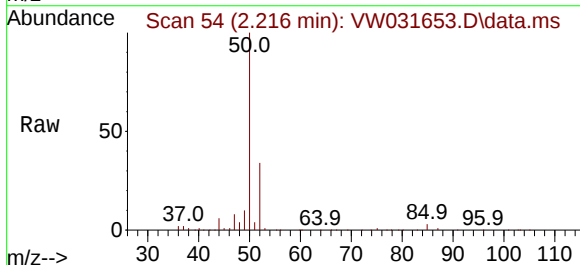
Instrument :
MSVOA_W
ClientSampleId :

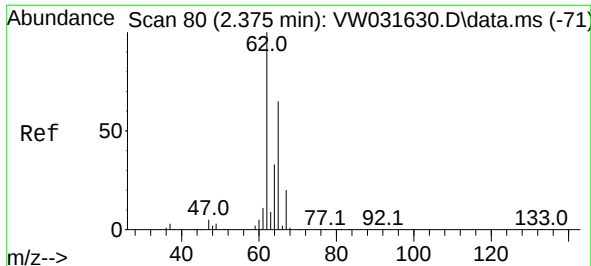
Tgt Ion: 85 Resp: 97442
Ion Ratio Lower Upper
85 100
87 25.9 25.0 37.4



#3
Chloromethane
Concen: 15.667 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion: 50 Resp: 124522
Ion Ratio Lower Upper
50 100
52 34.0 22.3 41.3

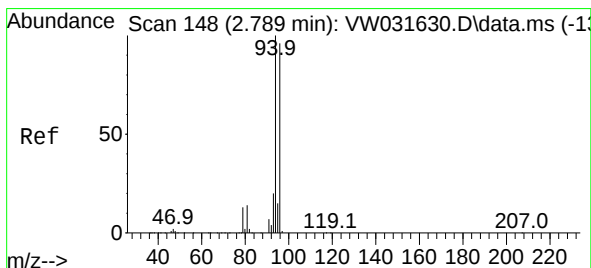
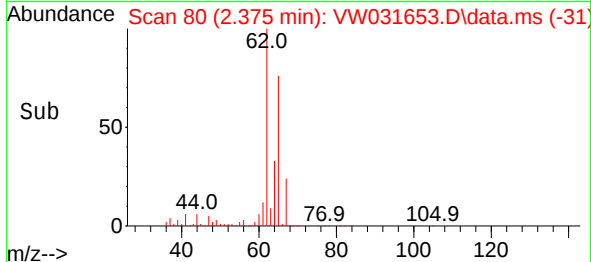
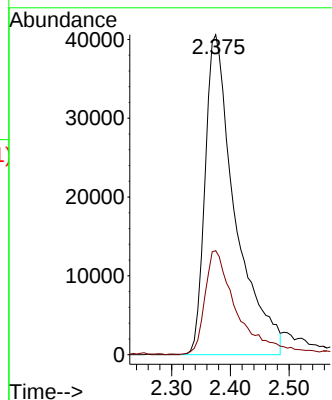
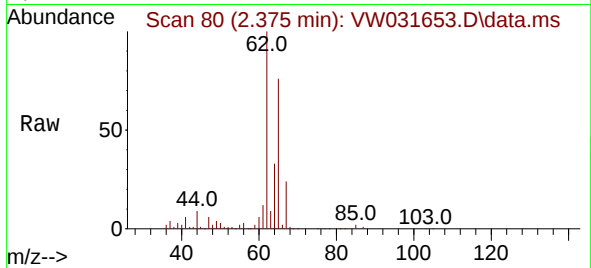




#5
 Vinyl chloride
 Concen: 14.256 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031653.D
 Acq: 29 Jan 2025 19:59

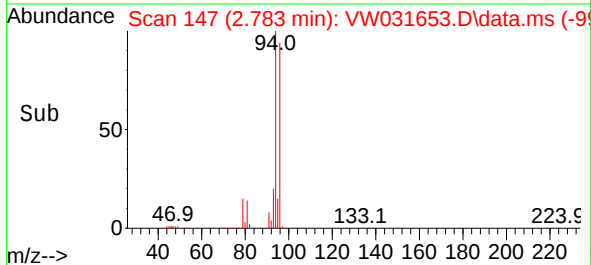
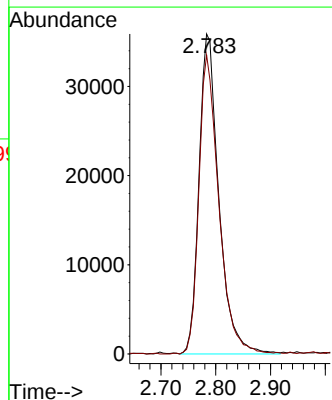
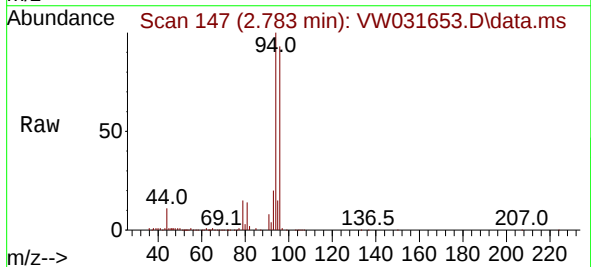
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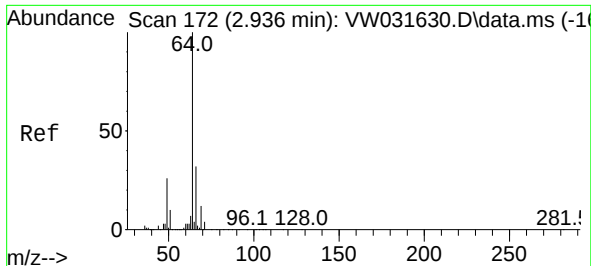
Tgt Ion: 62 Resp: 144534
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 15.254 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031653.D
 Acq: 29 Jan 2025 19:59

Tgt Ion: 94 Resp: 90388
 Ion Ratio Lower Upper
 94 100
 96 93.5 67.6 125.6

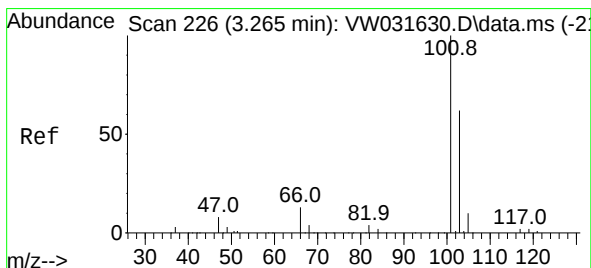
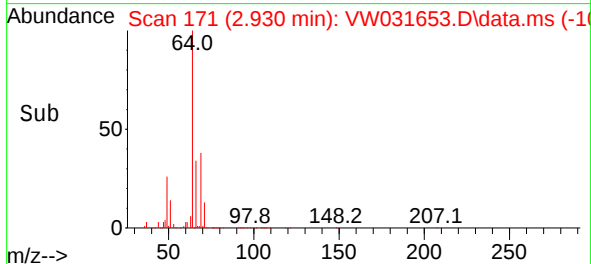
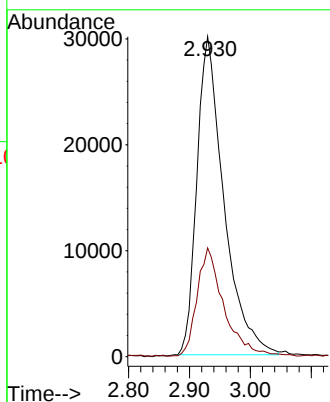
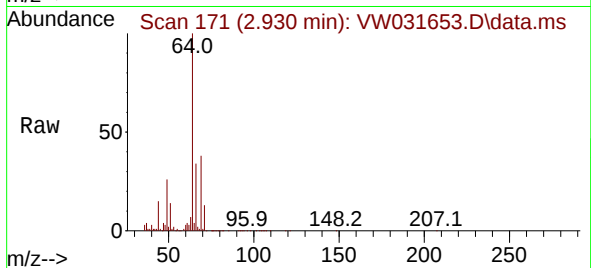




#8
Chloroethane
Concen: 15.523 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

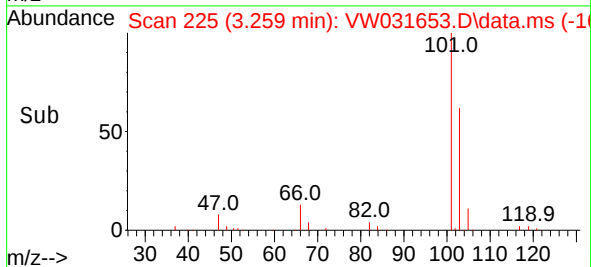
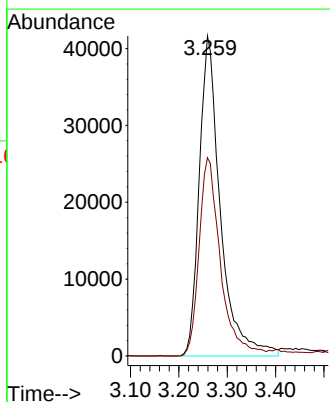
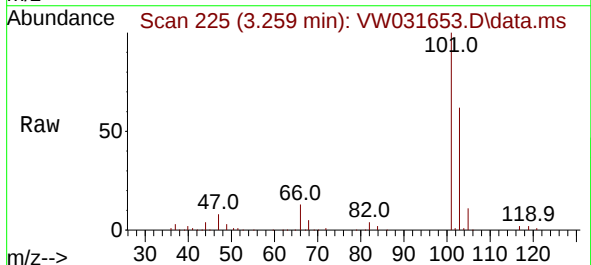
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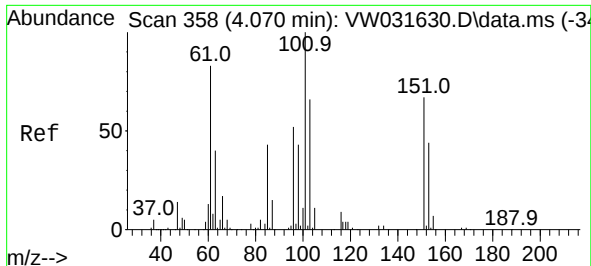
Tgt Ion: 64 Resp: 92507
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 12.542 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:101 Resp: 126324
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 17.047 ug/L

RT: 4.064 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

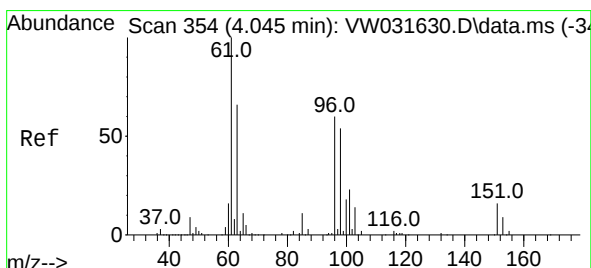
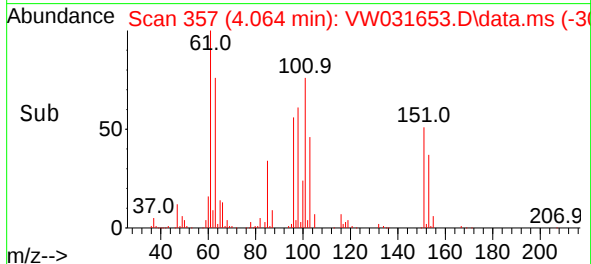
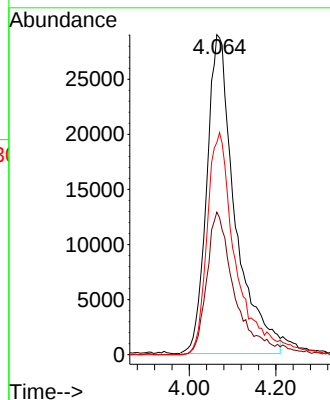
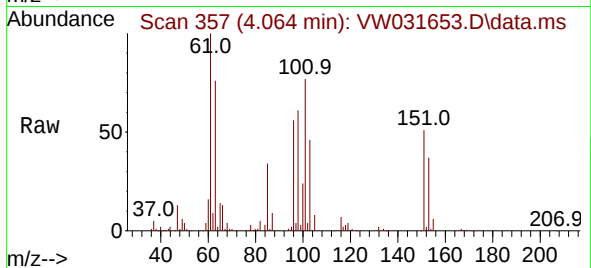
Tgt Ion:101 Resp: 131468

Ion Ratio Lower Upper

101 100

85 40.5 36.1 54.1

151 62.0 56.9 85.3



#12

1,1-Dichloroethene

Concen: 16.753 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

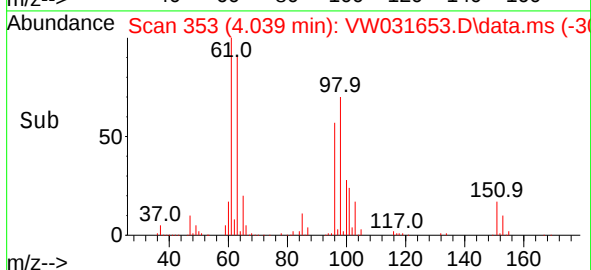
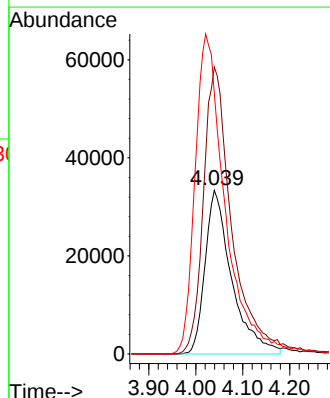
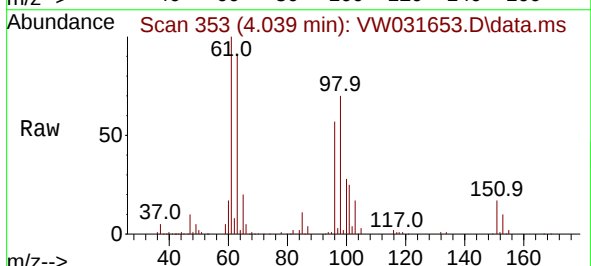
Tgt Ion: 96 Resp: 131437

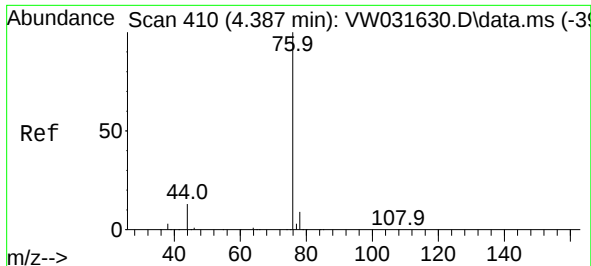
Ion Ratio Lower Upper

96 100

61 175.4 123.8 230.0

63 159.7 94.1 174.8

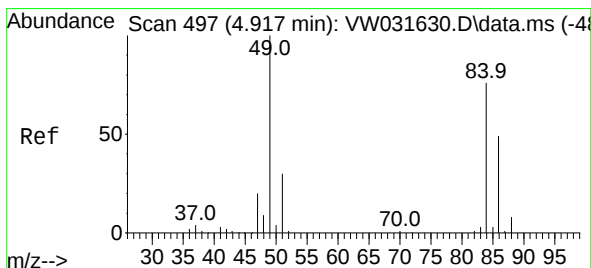
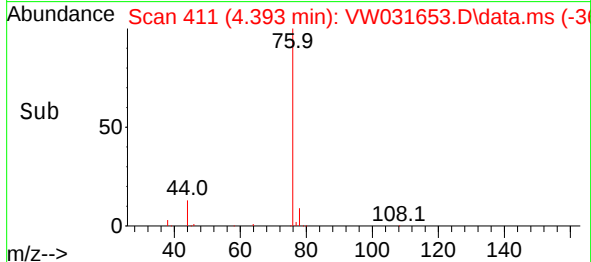
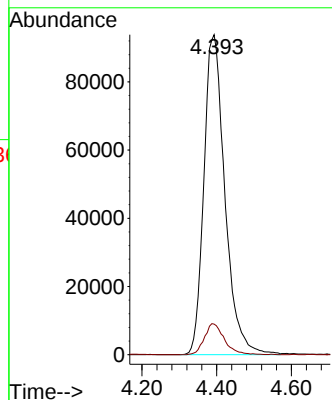
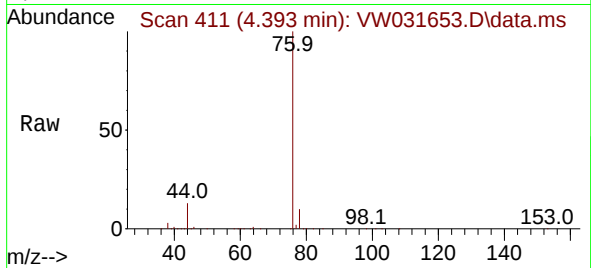




#14
Carbon disulfide
Concen: 13.872 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

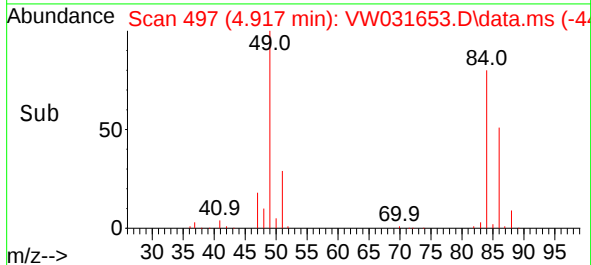
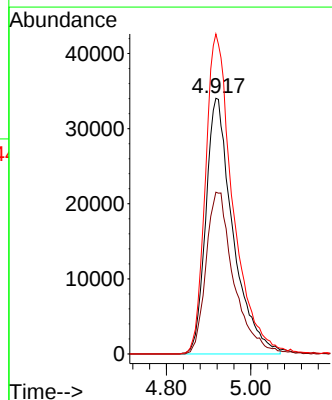
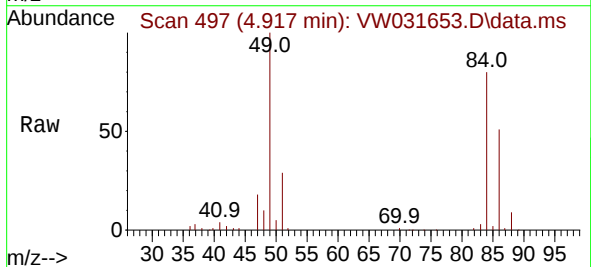
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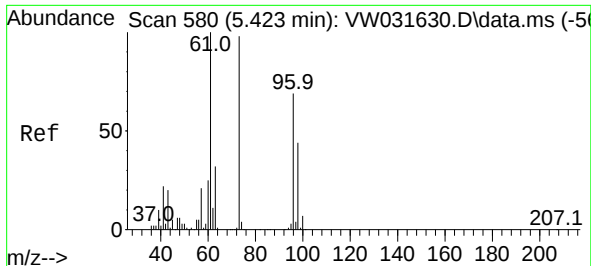
Tgt Ion: 76 Resp: 366581
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#16
Methylene chloride
Concen: 18.933 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
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Tgt Ion: 84 Resp: 152026
Ion Ratio Lower Upper
84 100
86 63.3 47.0 87.2
49 125.2 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 18.203 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

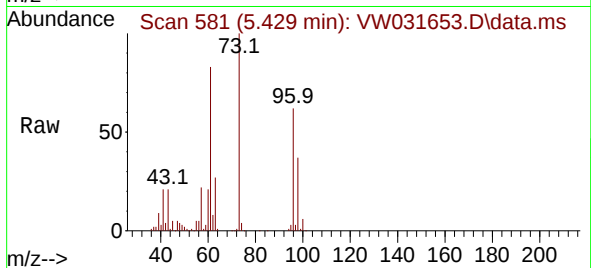
Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :



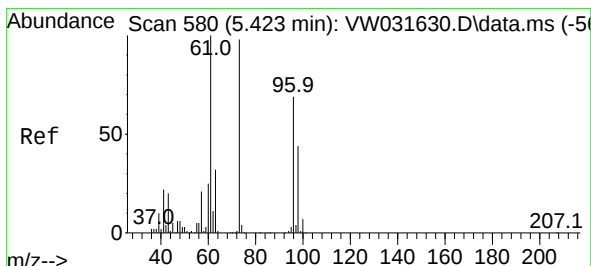
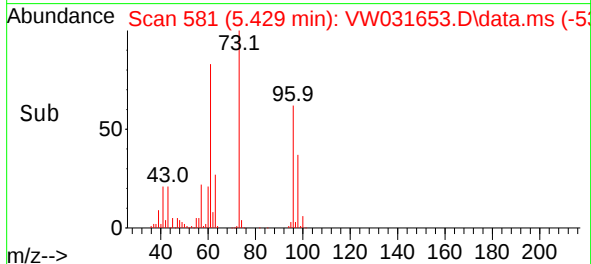
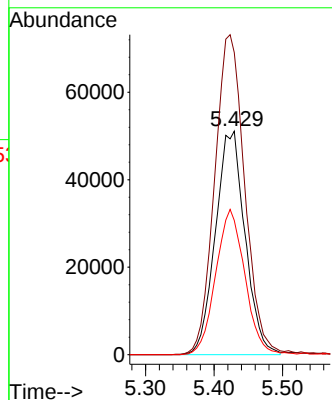
Tgt Ion: 96 Resp: 153389

Ion Ratio Lower Upper

96 100

61 135.2 105.1 195.1

98 60.0 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 22.335 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

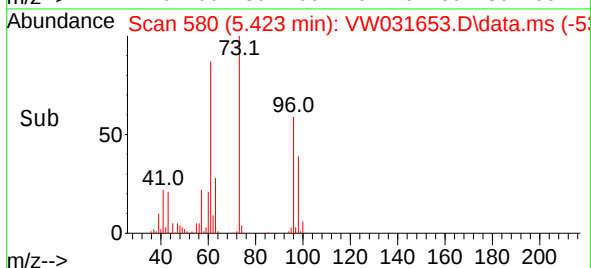
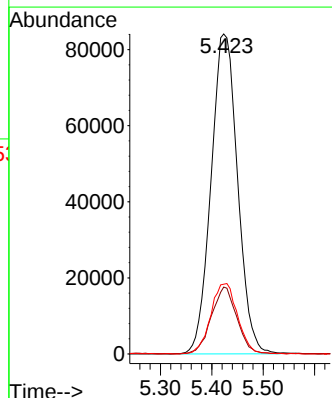
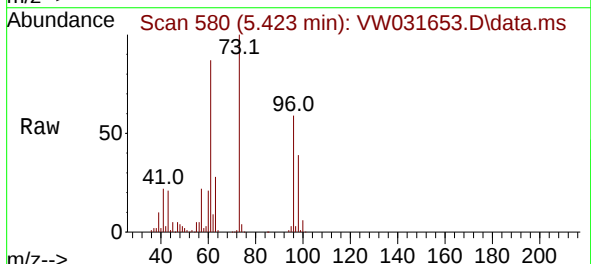
Tgt Ion: 73 Resp: 301789

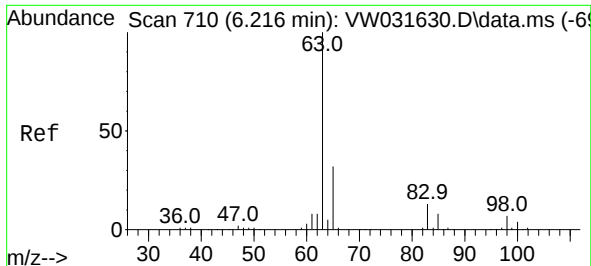
Ion Ratio Lower Upper

73 100

43 20.2 16.4 24.6

57 22.1 18.2 27.2





#19

1,1-Dichloroethane

Concen: 19.480 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

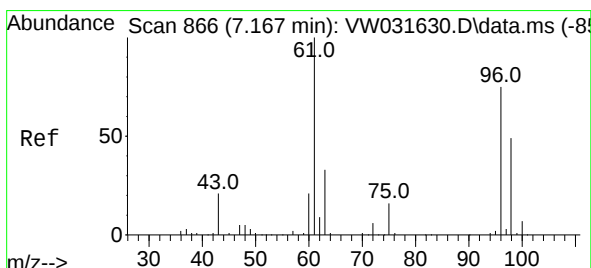
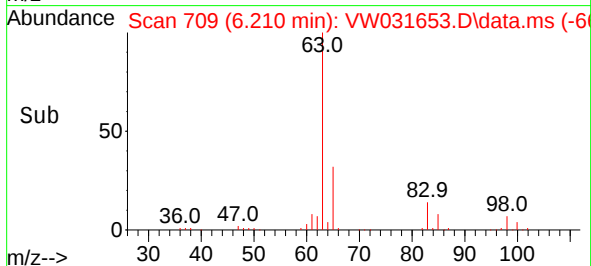
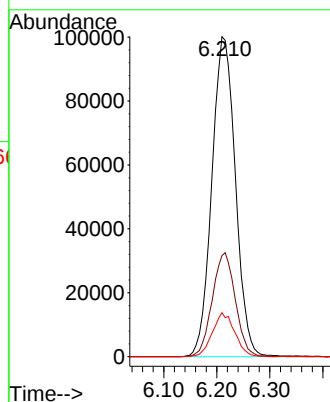
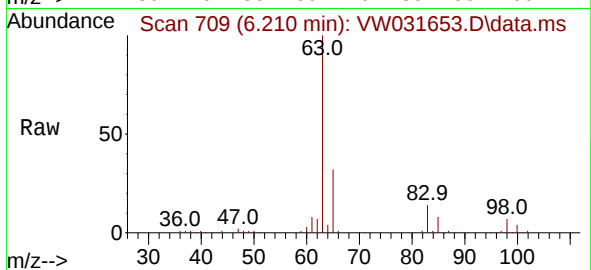
Tgt Ion: 63 Resp: 308834

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 13.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 19.985 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

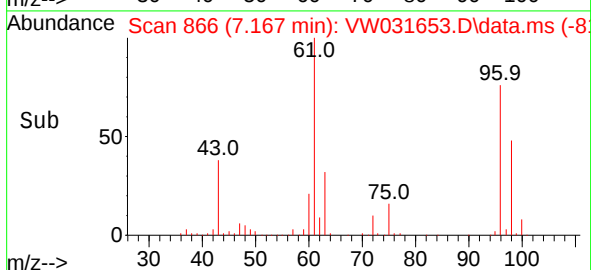
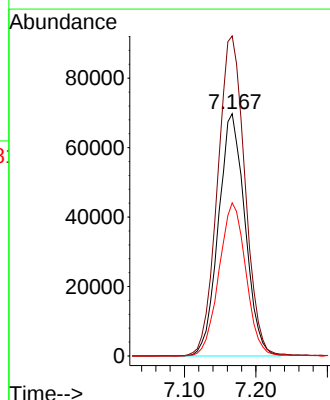
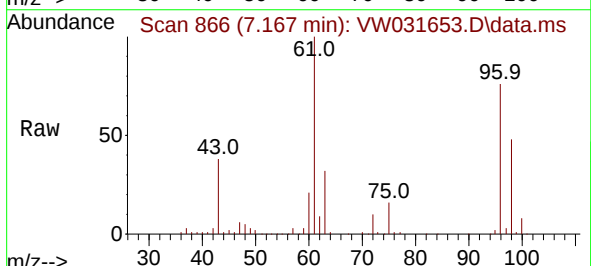
Tgt Ion: 96 Resp: 179806

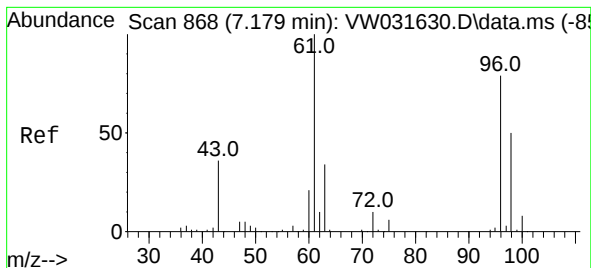
Ion Ratio Lower Upper

96 100

61 132.1 94.8 176.2

98 63.3 45.6 84.8





#22

2-Butanone

Concen: 54.729 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

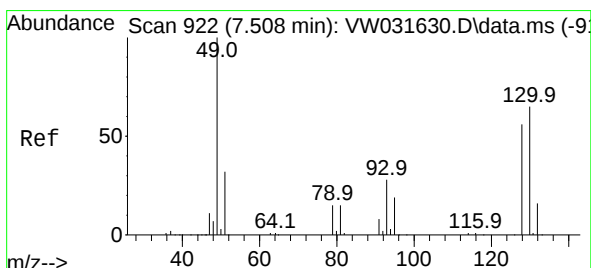
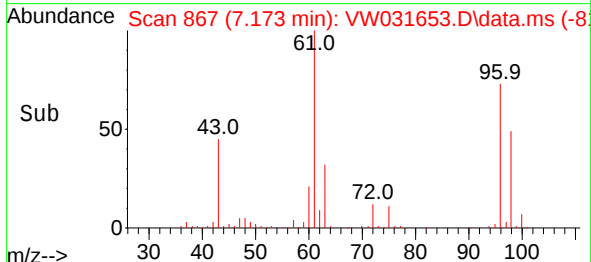
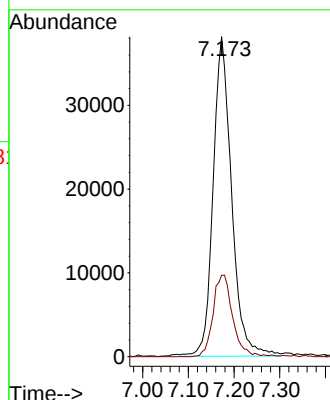
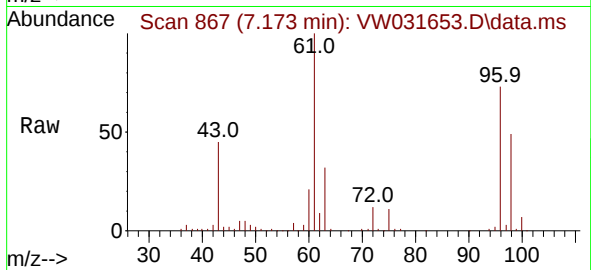
ClientSampleId :

Tgt Ion: 43 Resp: 106987

Ion Ratio Lower Upper

43 100

72 26.5 13.2 39.5



#23

Bromochloromethane

Concen: 21.801 ug/L

RT: 7.508 min Scan# 922

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Tgt Ion:128 Resp: 76813

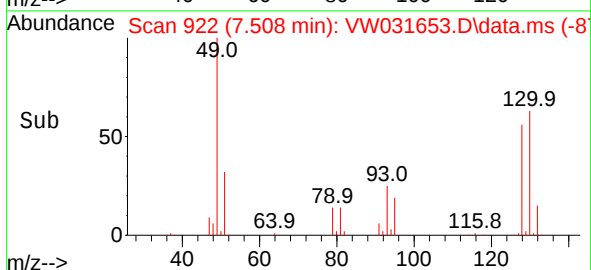
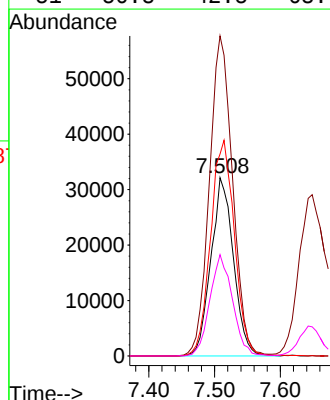
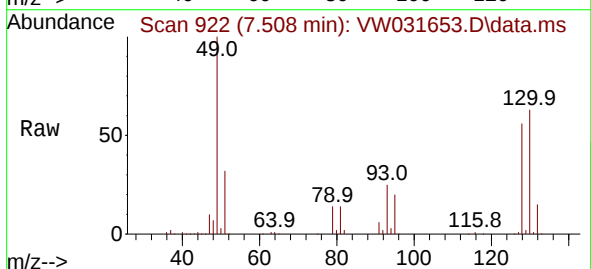
Ion Ratio Lower Upper

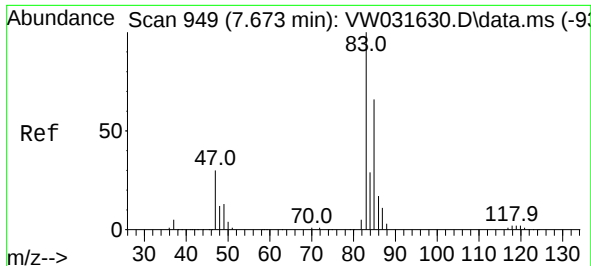
128 100

49 179.6 123.9 230.1

130 113.3 88.1 163.7

51 56.8 42.5 63.7





#25

Chloroform

Concen: 20.405 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

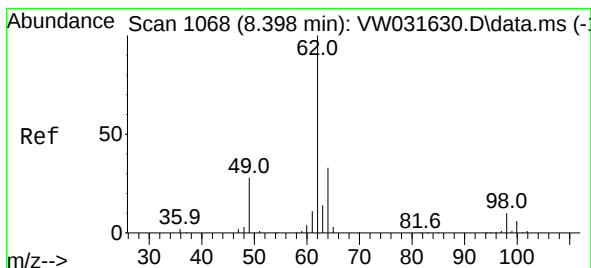
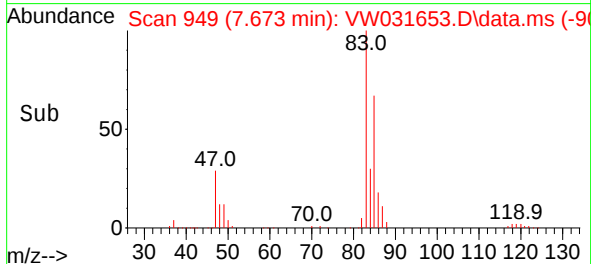
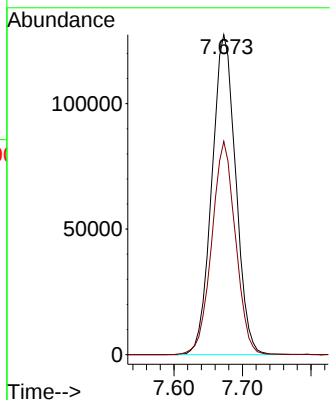
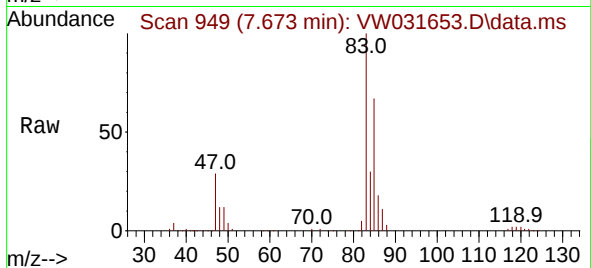
ClientSampleId :

Tgt Ion: 83 Resp: 307693

Ion Ratio Lower Upper

83 100

85 66.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 22.864 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031653.D

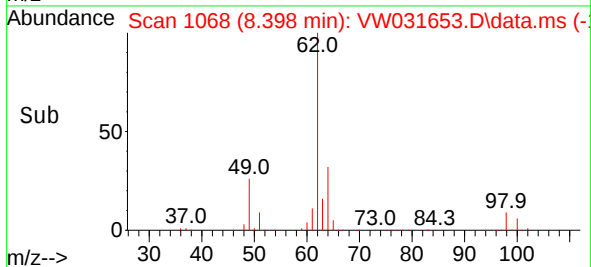
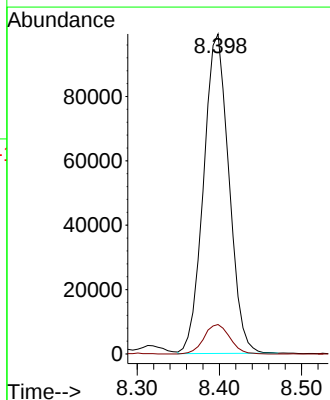
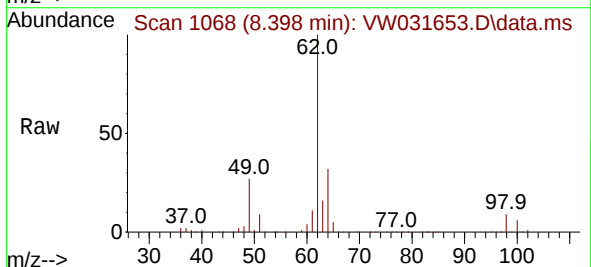
Acq: 29 Jan 2025 19:59

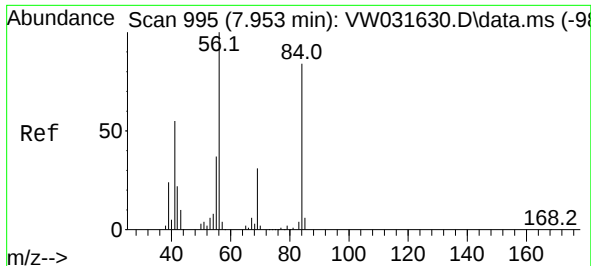
Tgt Ion: 62 Resp: 212355

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9





#29

Cyclohexane

Concen: 15.350 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

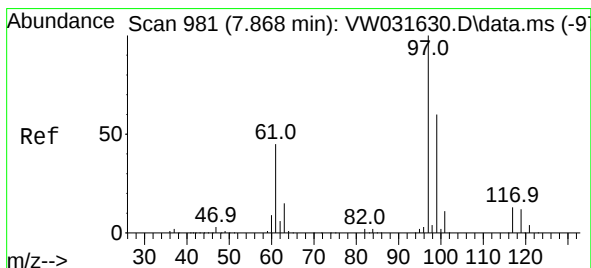
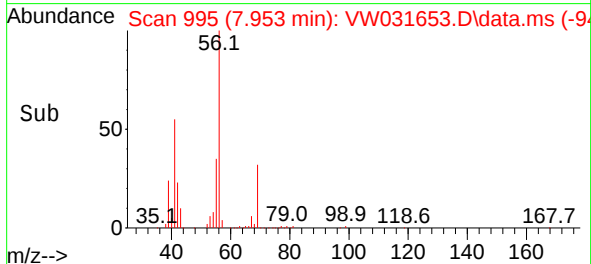
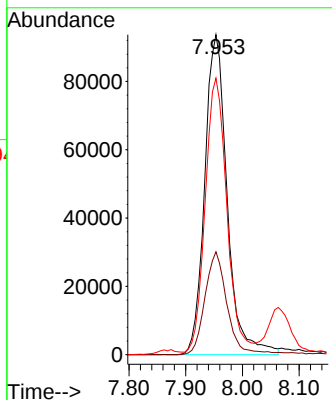
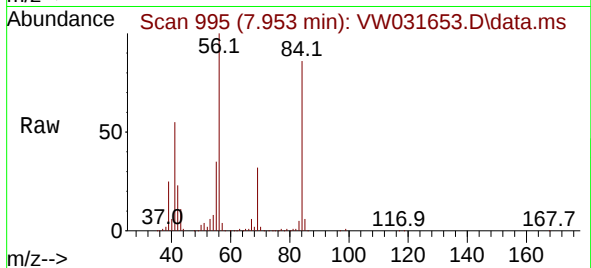
Tgt Ion: 56 Resp: 258041

Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 82.5 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 16.712 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

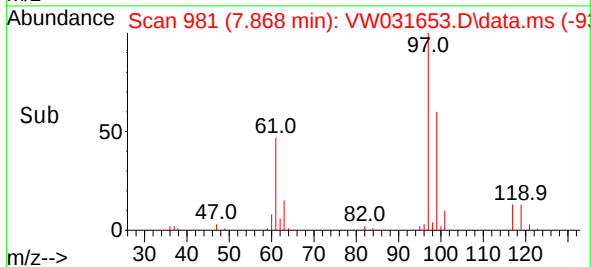
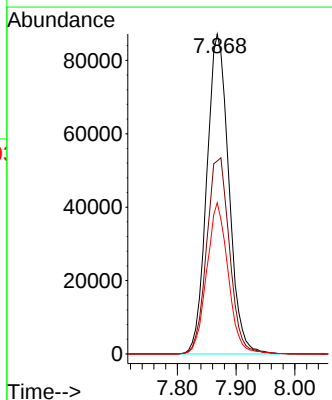
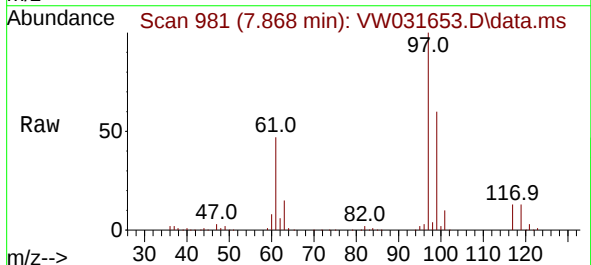
Tgt Ion: 97 Resp: 227530

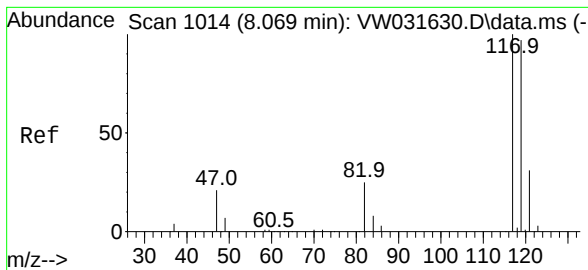
Ion Ratio Lower Upper

97 100

99 63.7 52.2 78.4

61 46.0 36.9 55.3

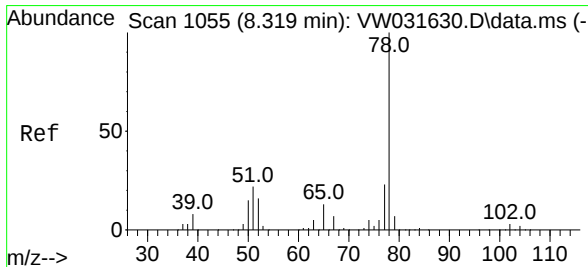
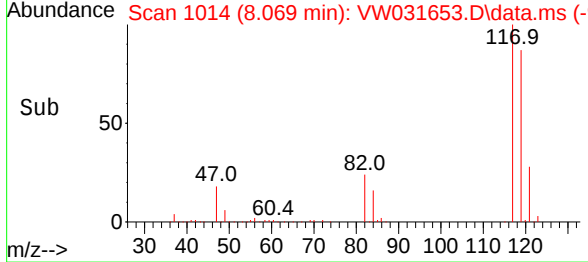
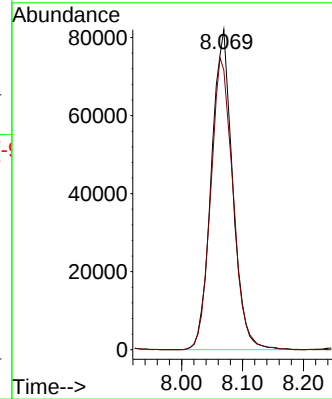
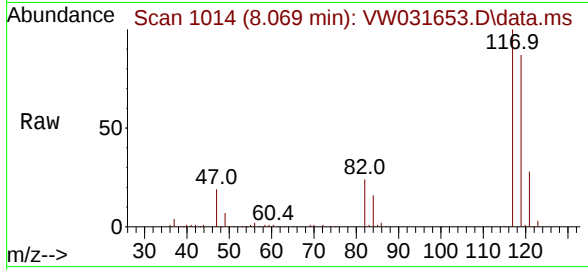




#31
Carbon tetrachloride
Concen: 16.498 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

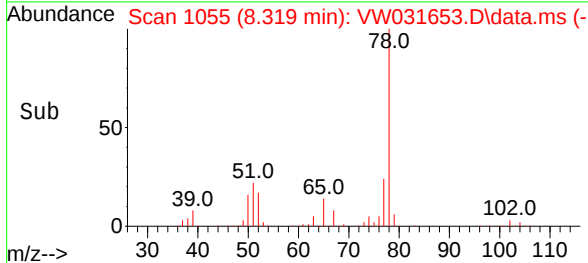
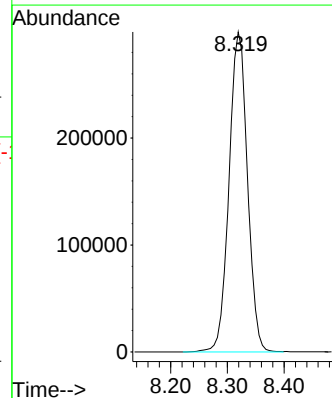
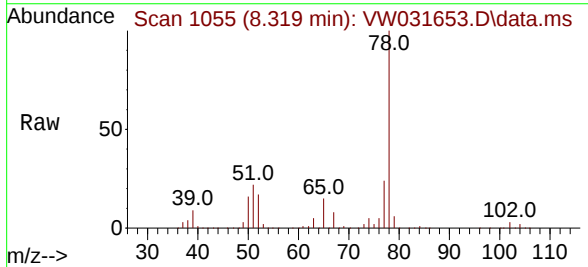
Instrument :
MSVOA_W
ClientSampleId :

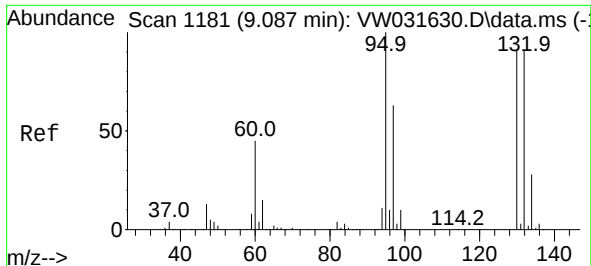
Tgt Ion:117 Resp: 199152
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0



#33
Benzene
Concen: 18.794 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion: 78 Resp: 674608

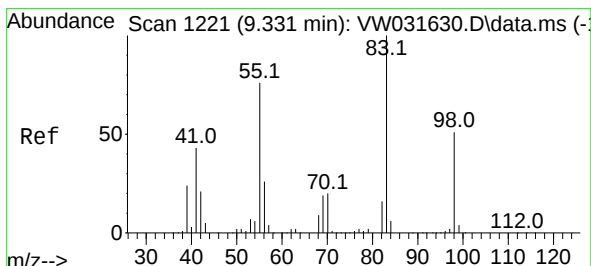
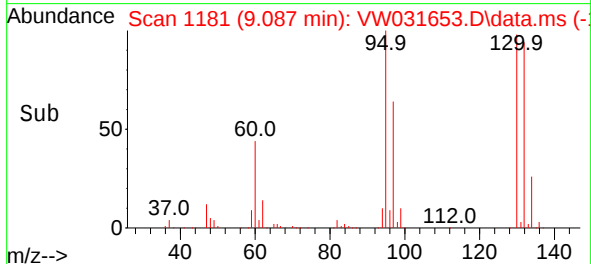
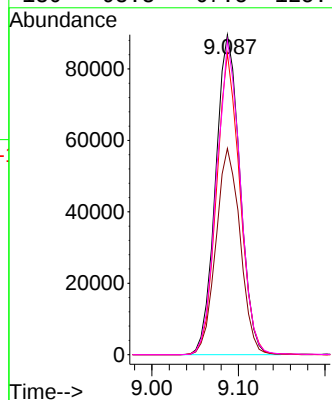
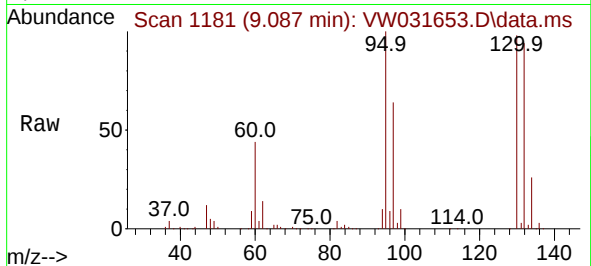




#34
Trichloroethene
Concen: 18.167 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

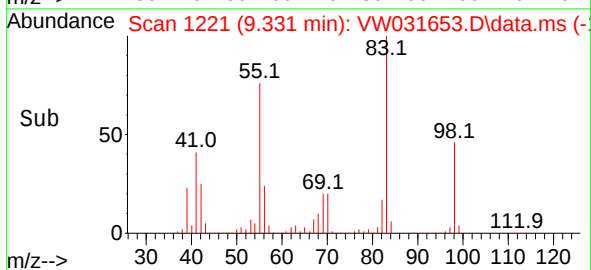
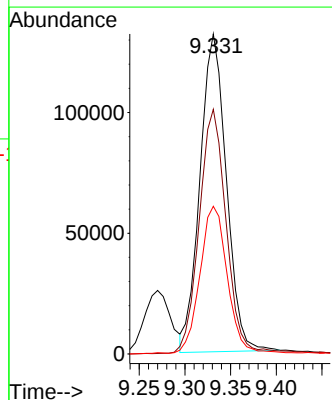
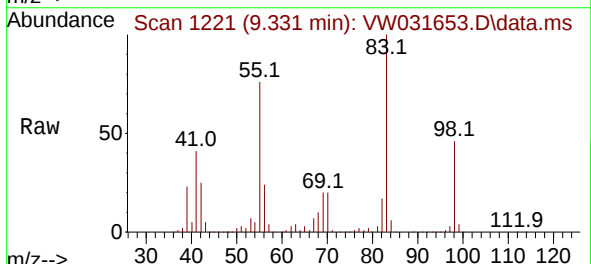
Instrument :
MSVOA_W
ClientSampleId :

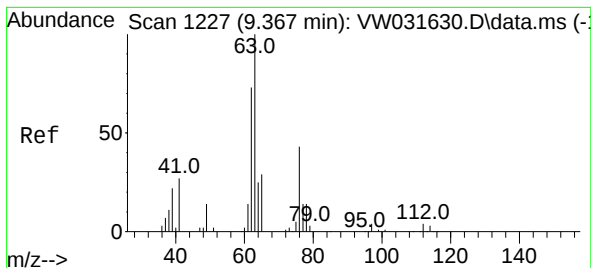
Tgt Ion: 95 Resp: 175319
Ion Ratio Lower Upper
95 100
97 64.5 44.0 81.6
132 94.1 64.6 120.0
130 98.3 67.5 125.4



#35
Methylcyclohexane
Concen: 15.258 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion: 83 Resp: 264003
Ion Ratio Lower Upper
83 100
55 77.7 63.4 95.2
98 48.4 38.8 58.2





#37

1,2-Dichloropropane

Concen: 20.303 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

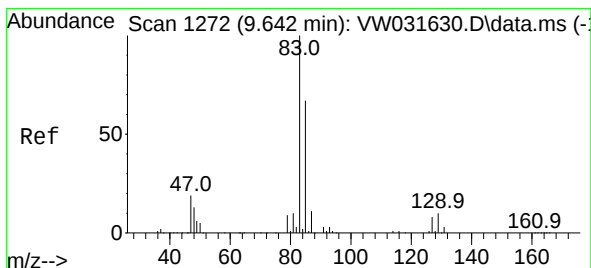
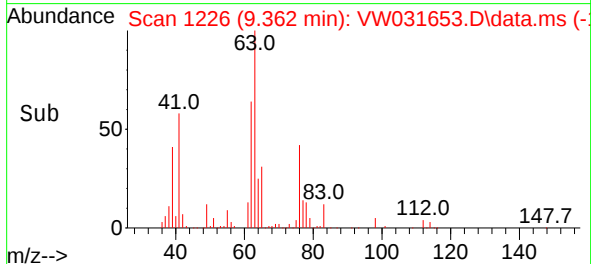
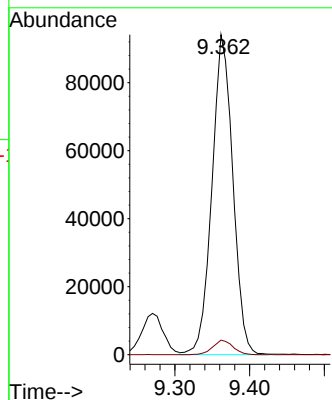
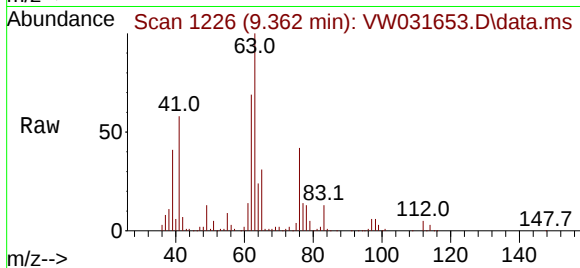
ClientSampleId :

Tgt Ion: 63 Resp: 183170

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 20.007 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

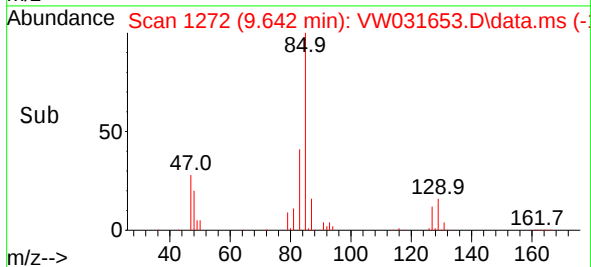
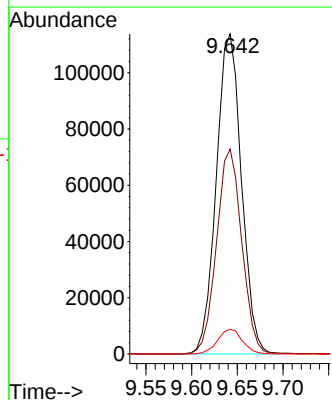
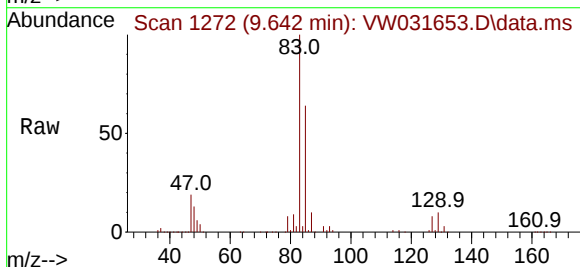
Tgt Ion: 83 Resp: 218333

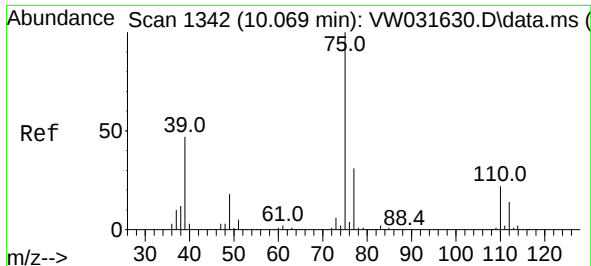
Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.3

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 19.582 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

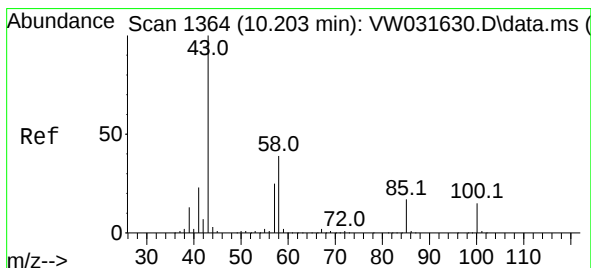
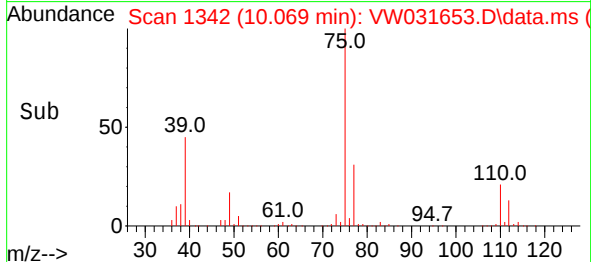
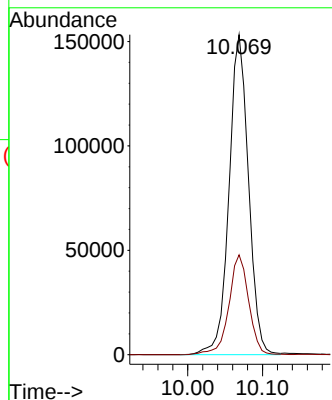
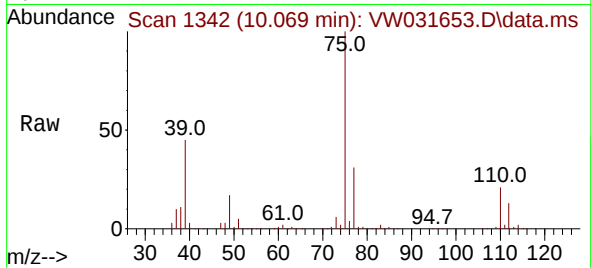
ClientSampleId :

Tgt Ion: 75 Resp: 277920

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.039 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

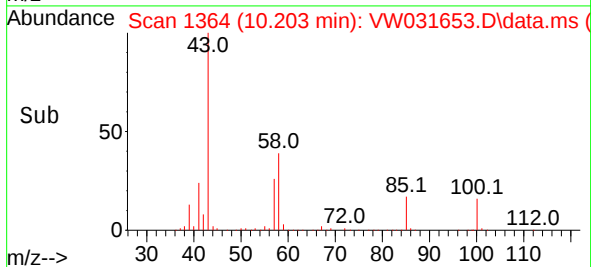
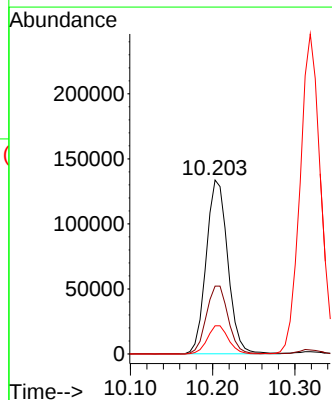
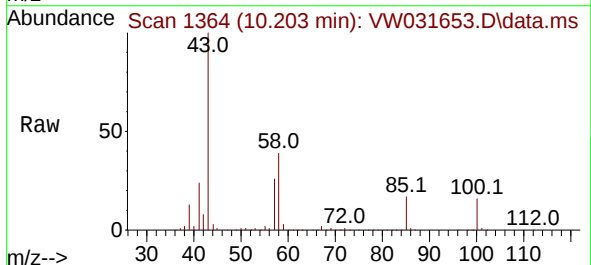
Tgt Ion: 43 Resp: 243352

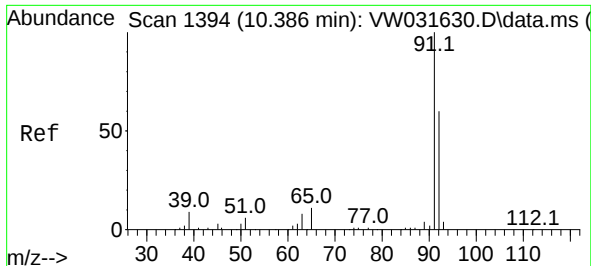
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 15.9 12.3 18.5





#42

Toluene

Concen: 18.806 ug/L

RT: 10.380 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

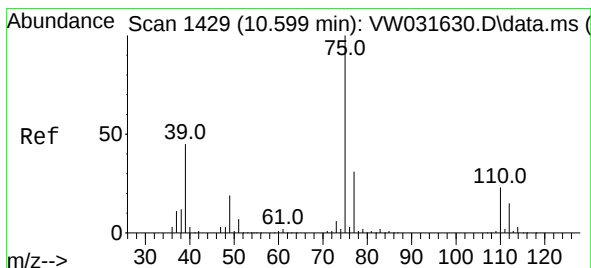
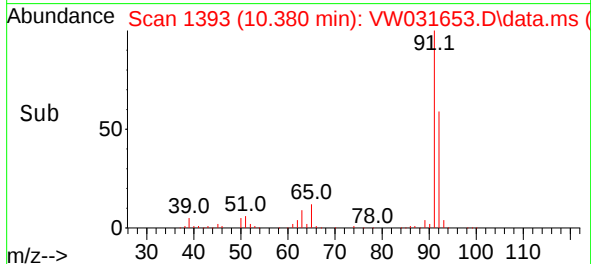
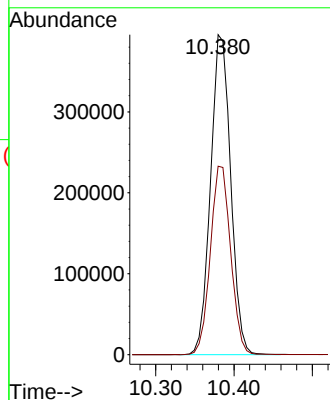
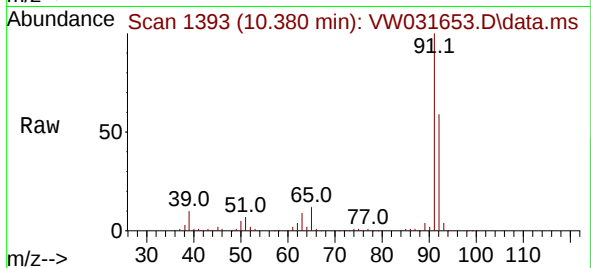
ClientSampleId :

Tgt Ion: 91 Resp: 705641

Ion Ratio Lower Upper

91 100

92 58.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 20.268 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VW031653.D

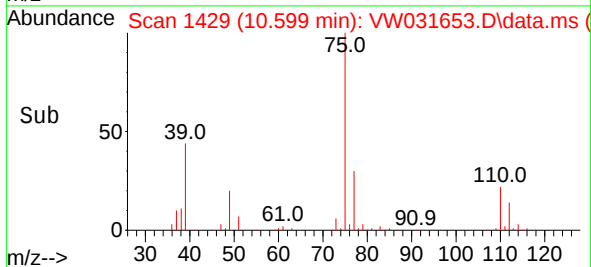
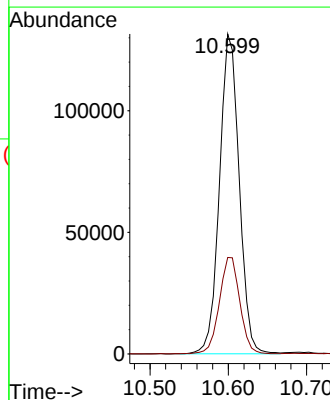
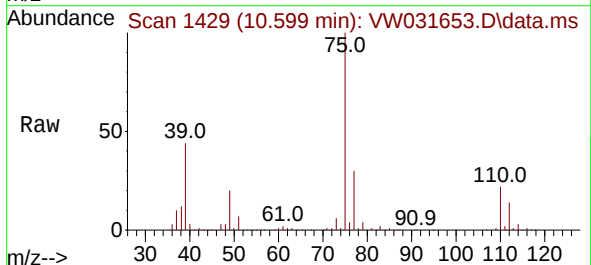
Acq: 29 Jan 2025 19:59

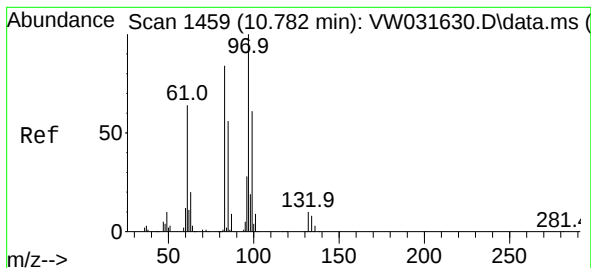
Tgt Ion: 75 Resp: 229926

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 23.871 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

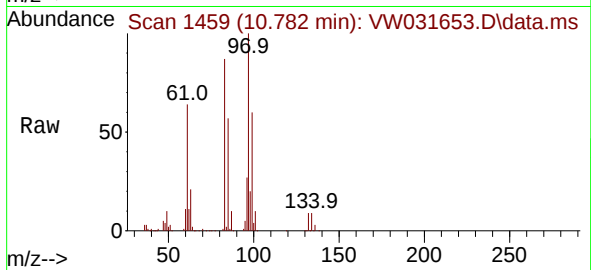
Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 138043

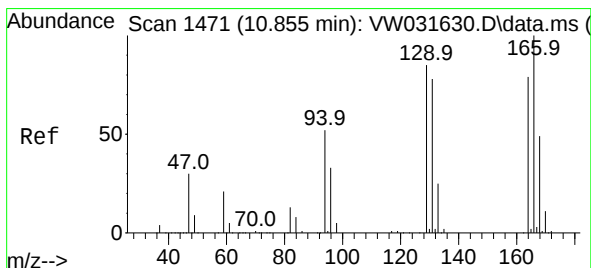
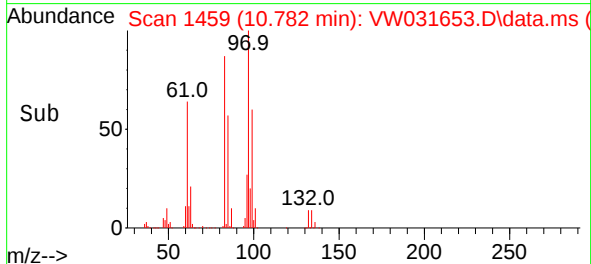
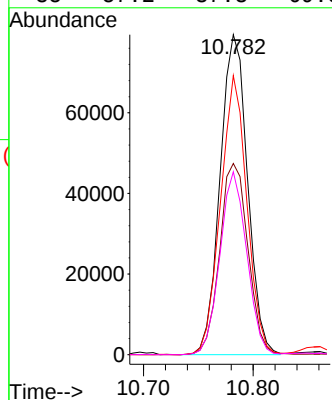
Ion Ratio Lower Upper

97 100

99 59.8 42.6 79.2

83 87.2 59.6 110.8

85 57.2 37.3 69.3



#46

Tetrachloroethene

Concen: 16.501 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Tgt Ion:164 Resp: 114272

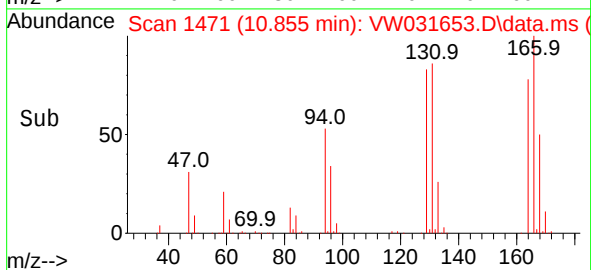
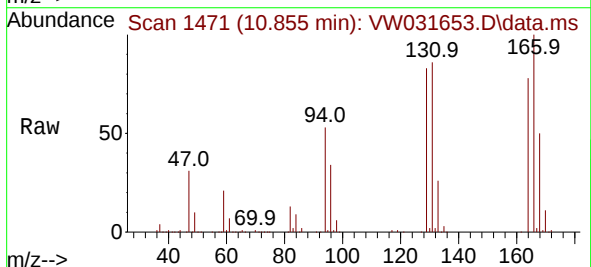
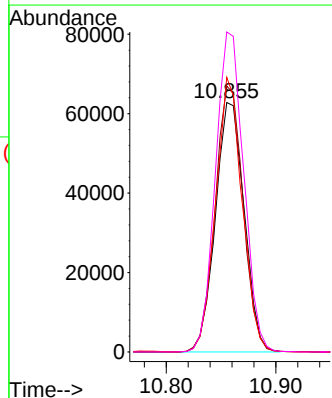
Ion Ratio Lower Upper

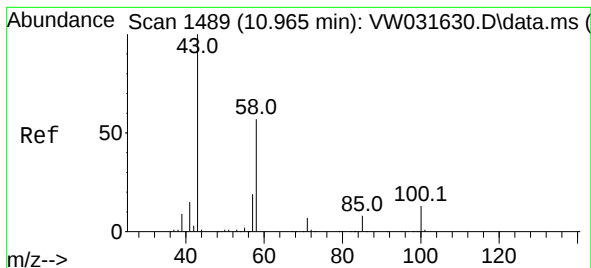
164 100

129 106.6 69.8 129.6

131 110.1 63.1 117.1

166 128.3 81.7 151.7

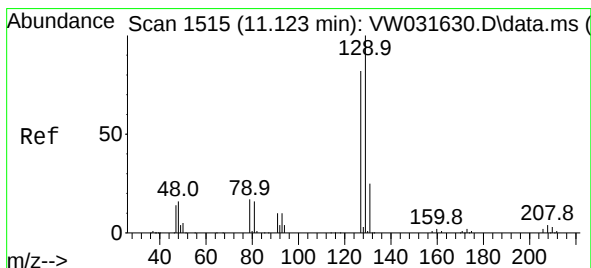
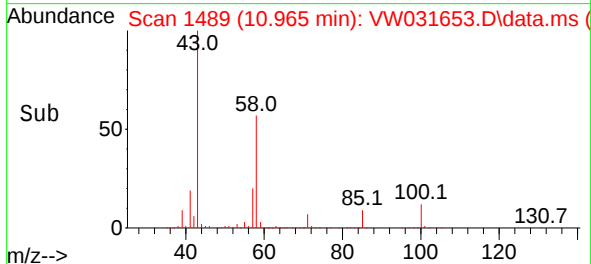
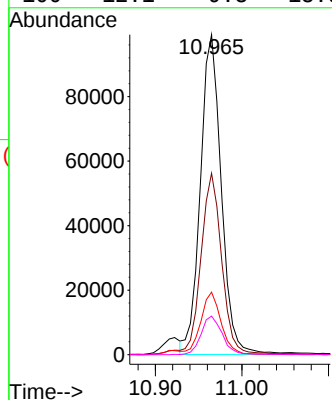
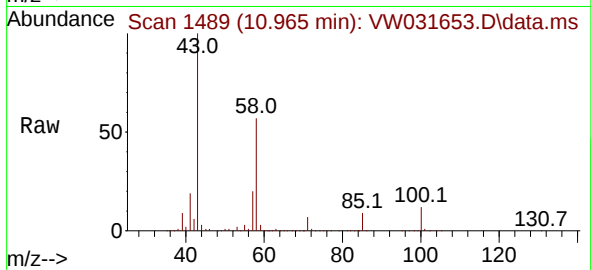




#48
2-Hexanone
Concen: 60.517 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

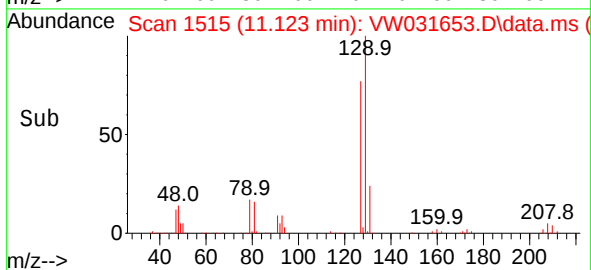
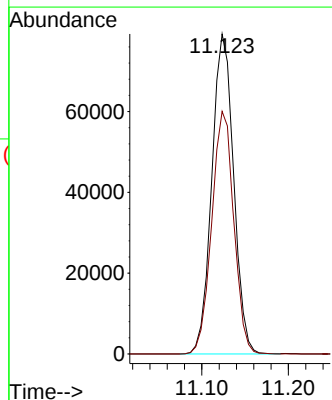
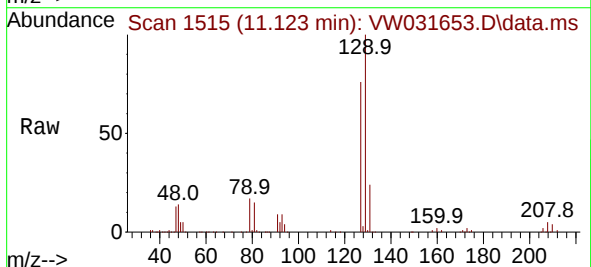
Instrument :
MSVOA_W
ClientSampleId :

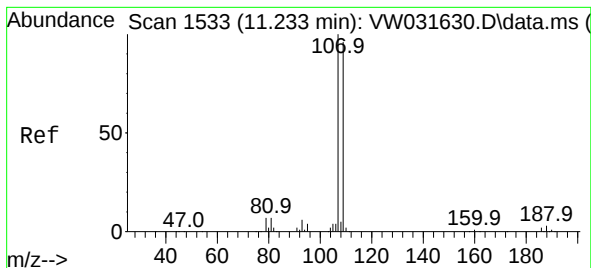
Tgt Ion: 43 Resp: 166537
Ion Ratio Lower Upper
43 100
58 57.1 44.8 67.2
57 19.2 15.6 23.4
100 12.1 9.3 13.9



#49
Dibromochloromethane
Concen: 21.765 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:129 Resp: 138488
Ion Ratio Lower Upper
129 100
127 75.8 53.0 98.4

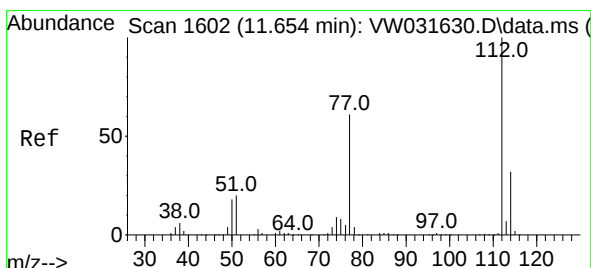
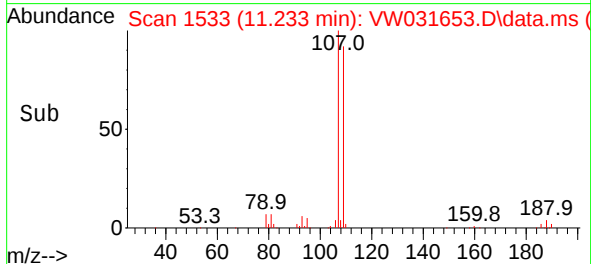
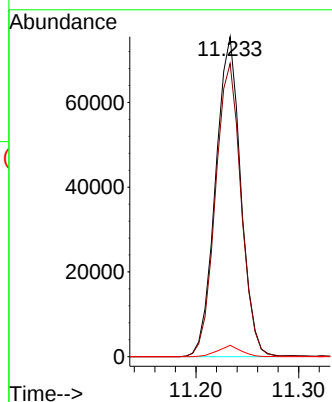
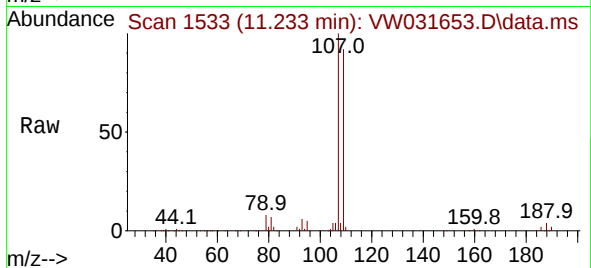




#50
1,2-Dibromoethane
Concen: 23.969 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

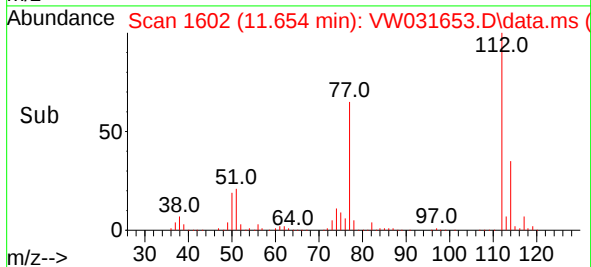
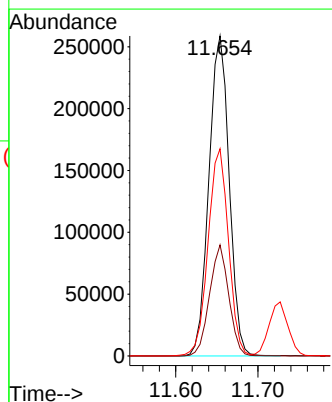
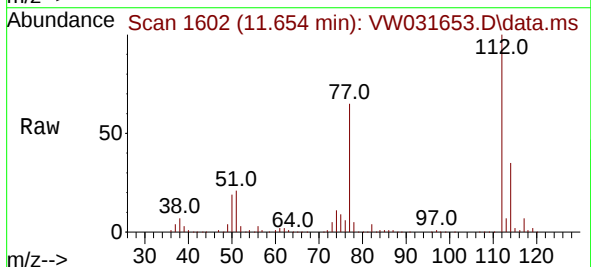
Instrument :
MSVOA_W
ClientSampleId :

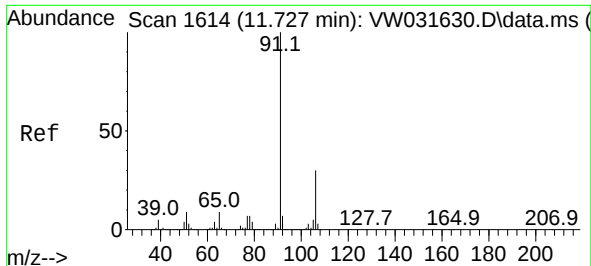
Tgt Ion:107 Resp: 128462
Ion Ratio Lower Upper
107 100
109 91.6 63.8 118.4
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 19.114 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:112 Resp: 442876
Ion Ratio Lower Upper
112 100
114 34.7 22.0 40.8
77 64.7 49.0 73.4





#52

Ethylbenzene

Concen: 18.661 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

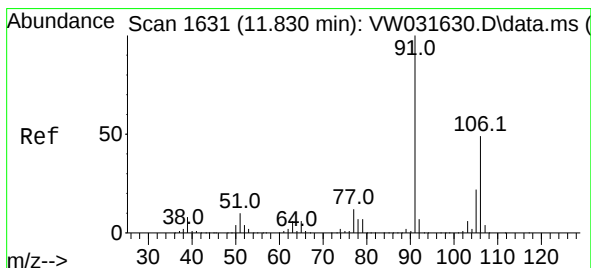
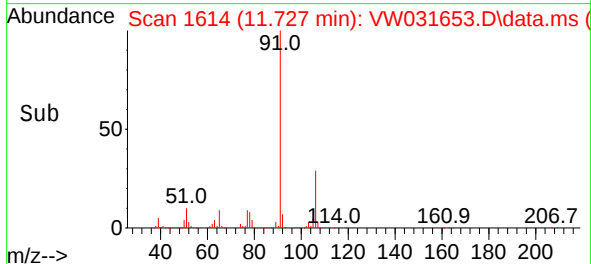
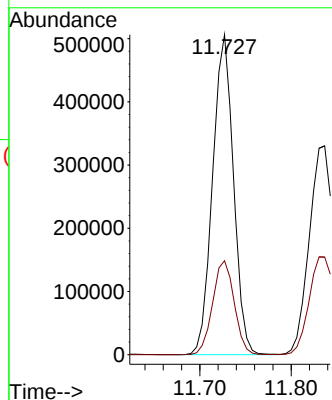
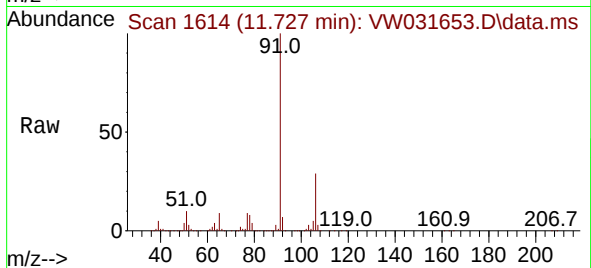
ClientSampleId :

Tgt Ion: 91 Resp: 803422

Ion Ratio Lower Upper

91 100

106 29.4 22.3 41.3



#53

m,p-Xylene

Concen: 18.485 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VW031653.D

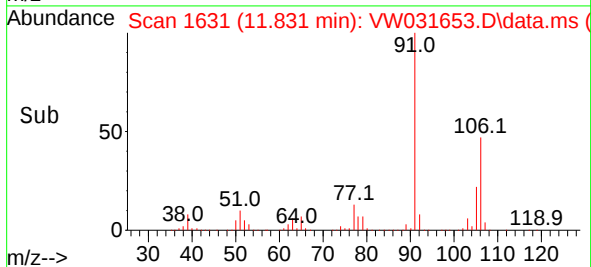
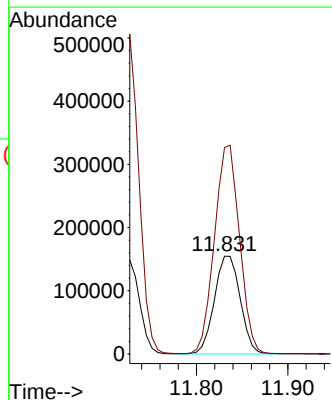
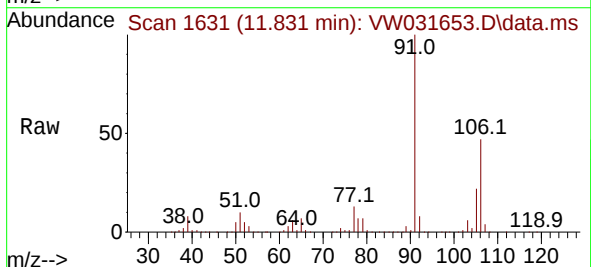
Acq: 29 Jan 2025 19:59

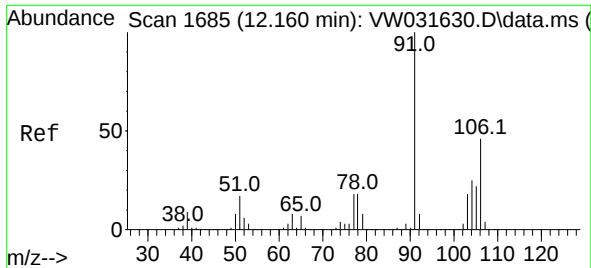
Tgt Ion:106 Resp: 303446

Ion Ratio Lower Upper

106 100

91 211.1 145.9 270.9

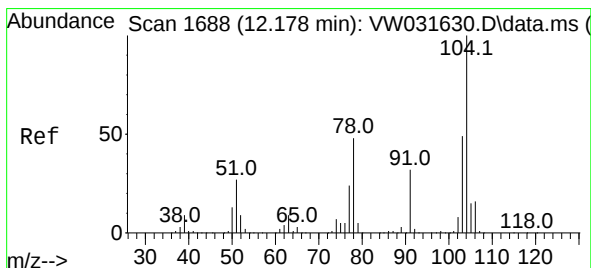
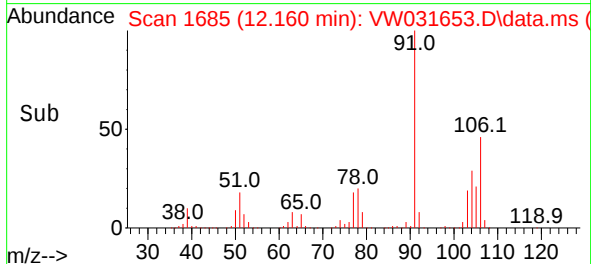
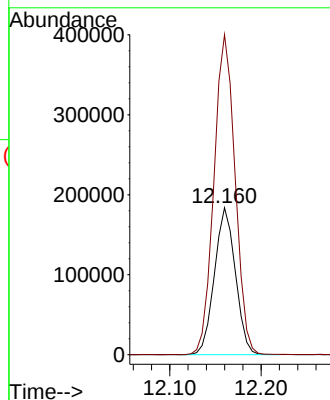
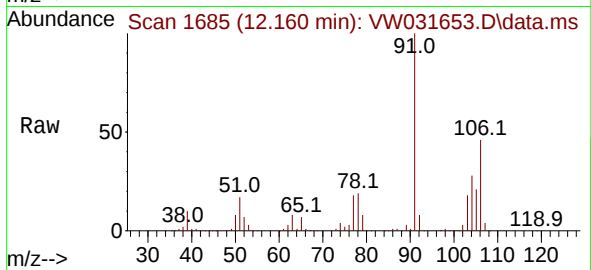




#54
o-Xylene
Concen: 19.205 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

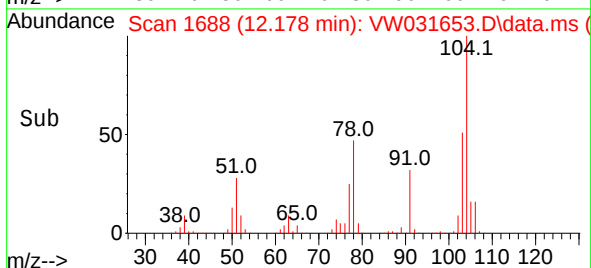
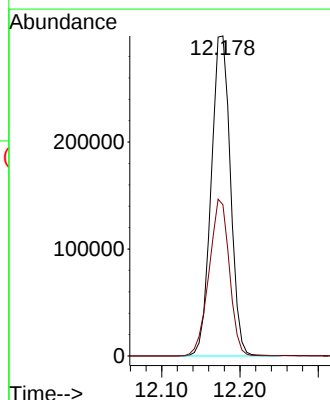
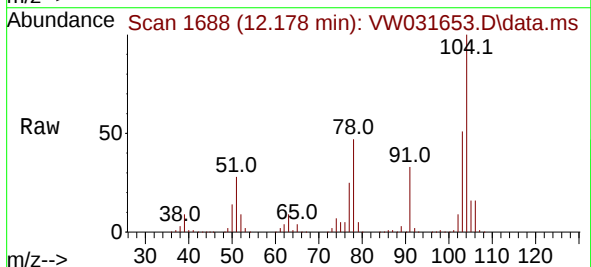
Instrument :
MSVOA_W
ClientSampleId :

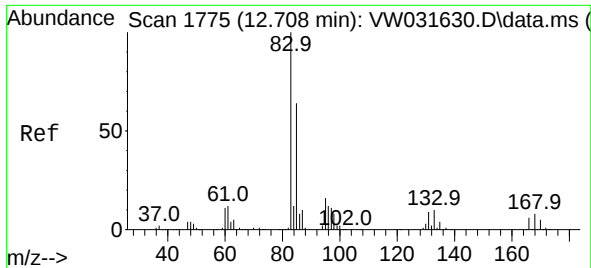
Tgt Ion:106 Resp: 292989
Ion Ratio Lower Upper
106 100
91 217.8 152.9 284.1



#55
Styrene
Concen: 20.117 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:104 Resp: 510669
Ion Ratio Lower Upper
104 100
78 47.2 32.0 59.4

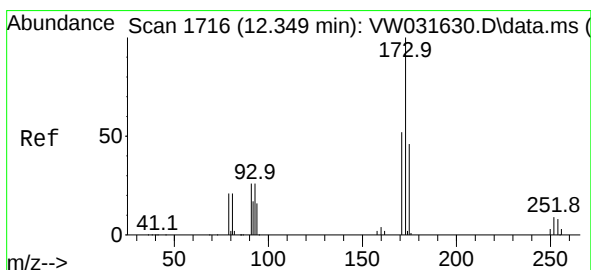
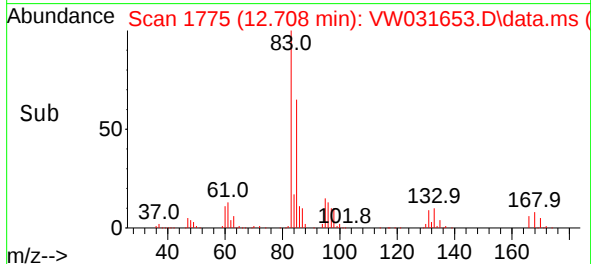
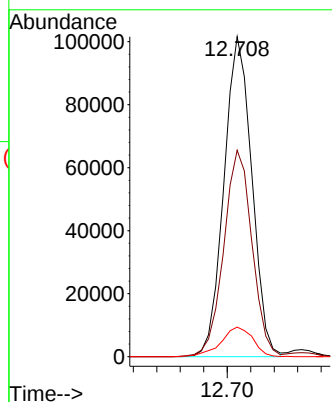
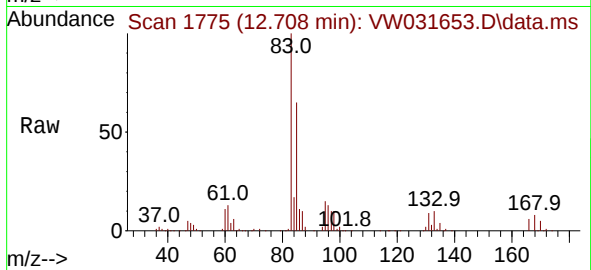




#57
1,1,2,2-Tetrachloroethane
Concen: 26.340 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

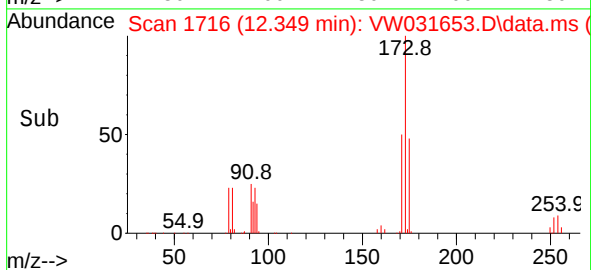
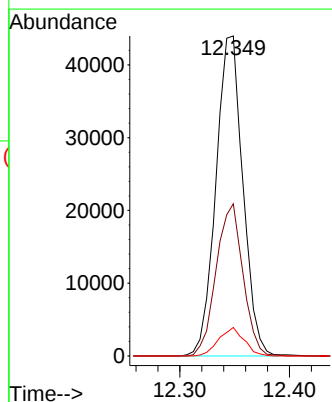
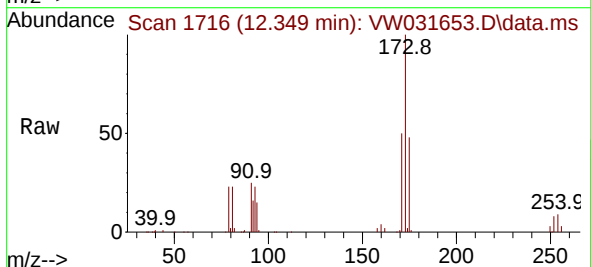
Instrument :
MSVOA_W
ClientSampleId :

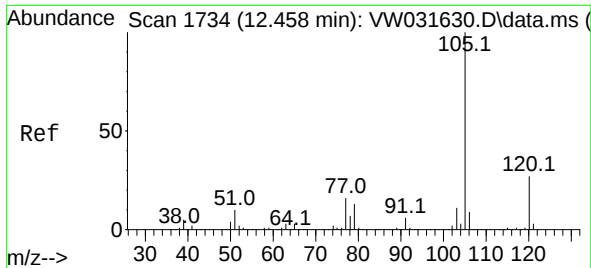
Tgt Ion: 83 Resp: 167370
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9
131 9.3 7.4 11.0



#59
Bromoform
Concen: 22.615 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:173 Resp: 75222
Ion Ratio Lower Upper
173 100
175 47.2 37.7 56.5
254 8.4 7.1 10.7

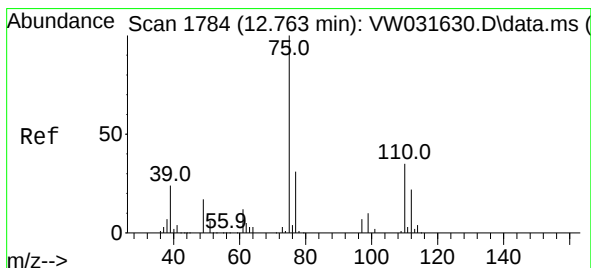
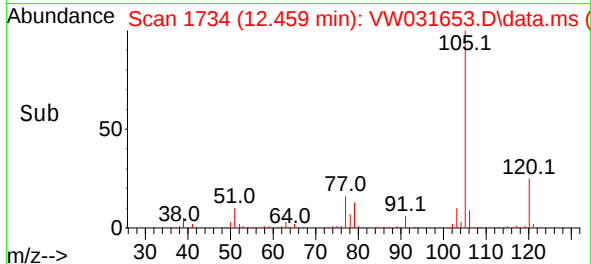
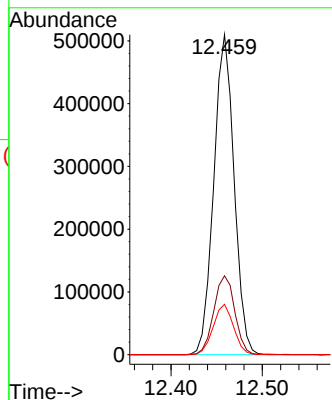
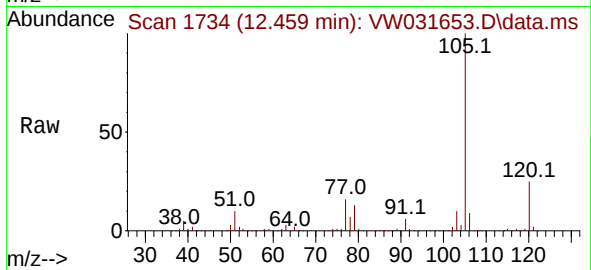




#60
Isopropylbenzene
Concen: 18.044 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

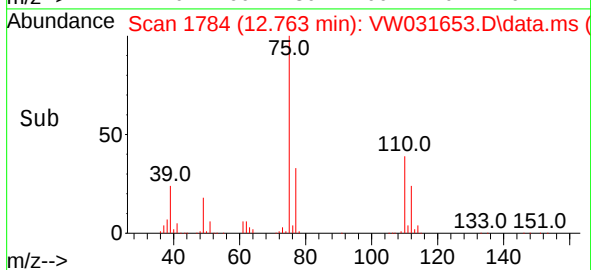
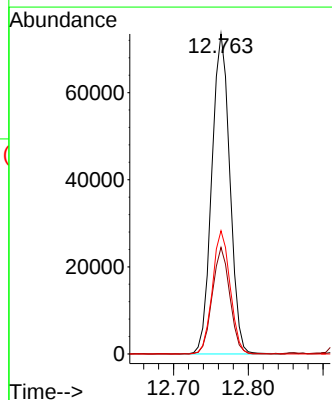
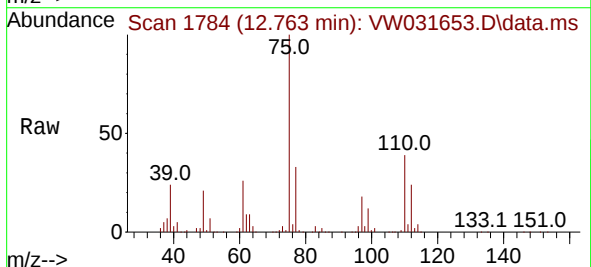
Instrument :
MSVOA_W
ClientSampleId :

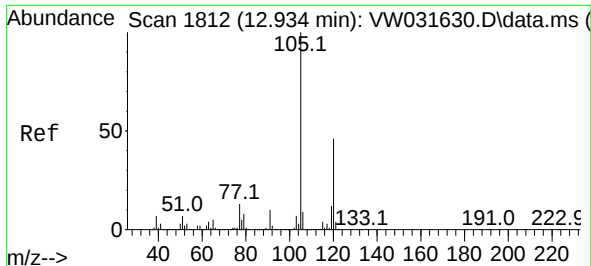
Tgt Ion:105 Resp: 786883
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.277 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion: 75 Resp: 123182
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 37.7 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 18.299 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

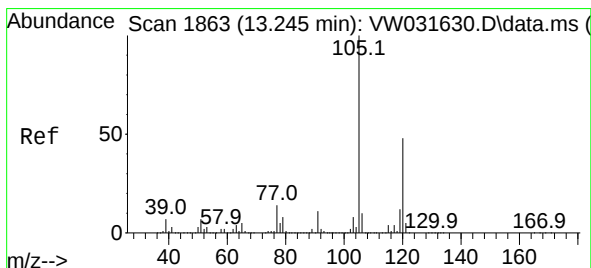
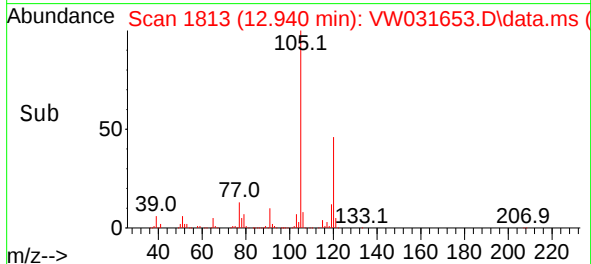
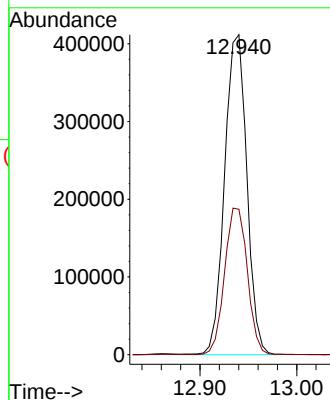
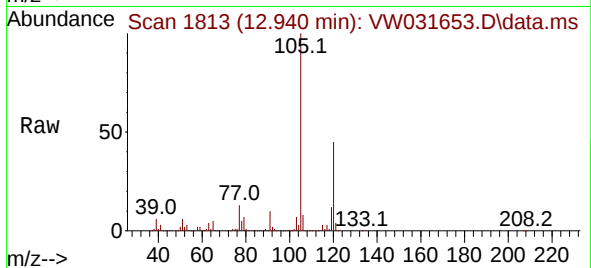
ClientSampleId :

Tgt Ion:105 Resp: 657076

Ion Ratio Lower Upper

105 100

120 46.9 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 18.397 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031653.D

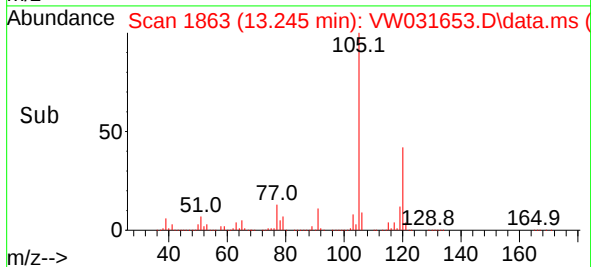
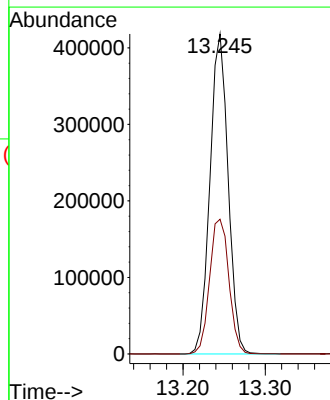
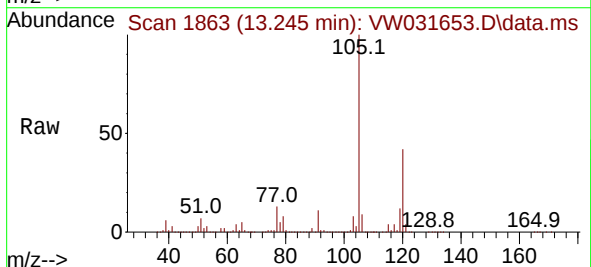
Acq: 29 Jan 2025 19:59

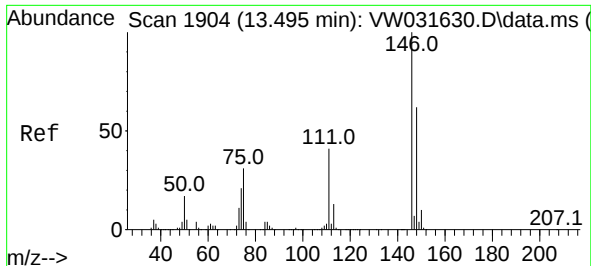
Tgt Ion:105 Resp: 642947

Ion Ratio Lower Upper

105 100

120 44.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 18.897 ug/L

RT: 13.495 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

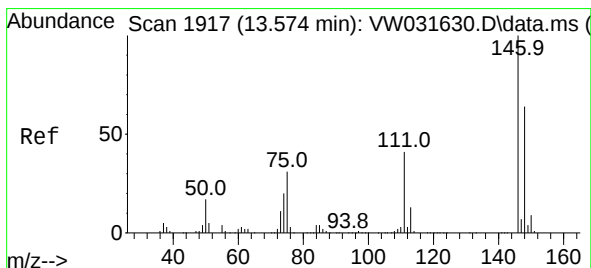
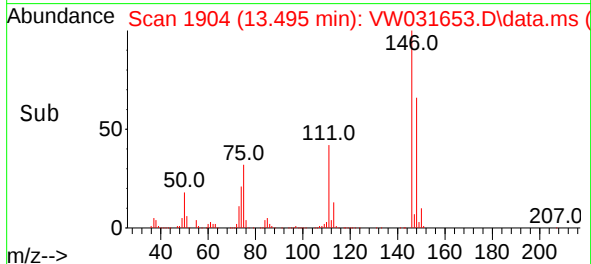
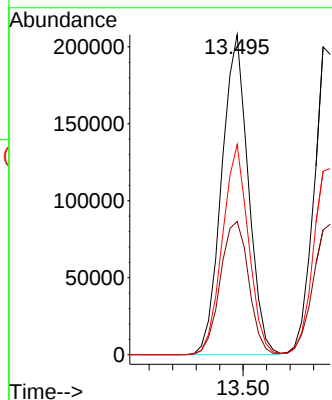
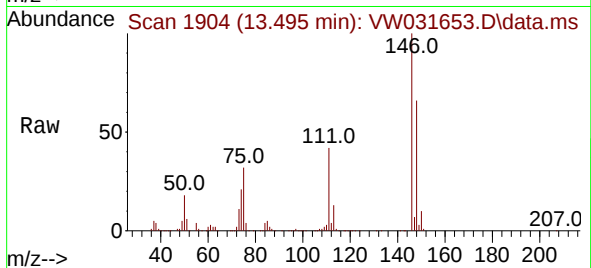
Tgt Ion:146 Resp: 326833

Ion Ratio Lower Upper

146 100

111 41.7 30.4 56.5

148 65.7 42.1 78.1



#65

1,4-Dichlorobenzene

Concen: 19.218 ug/L

RT: 13.568 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

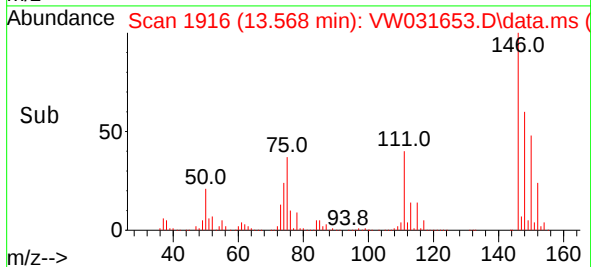
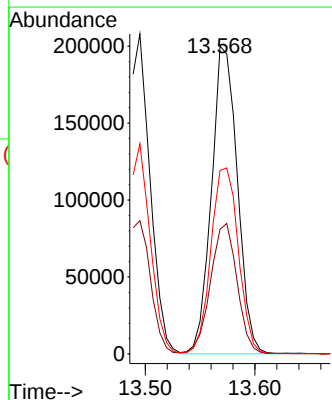
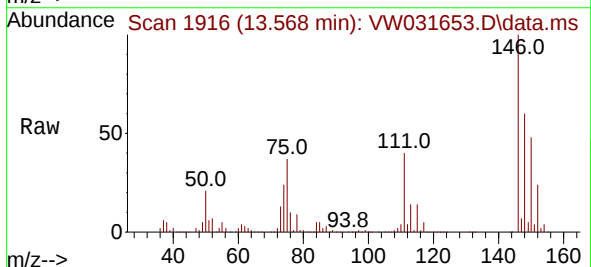
Tgt Ion:146 Resp: 328751

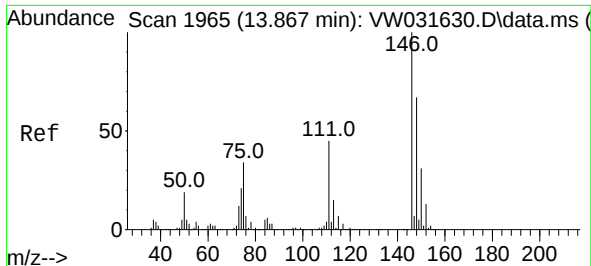
Ion Ratio Lower Upper

146 100

111 40.5 28.5 52.9

148 59.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 20.434 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

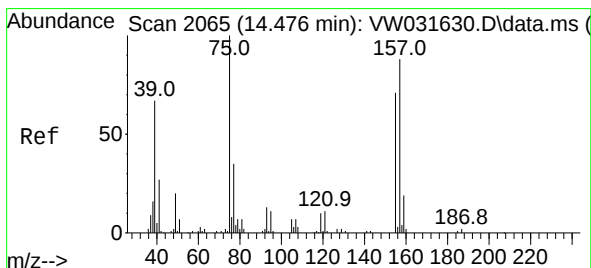
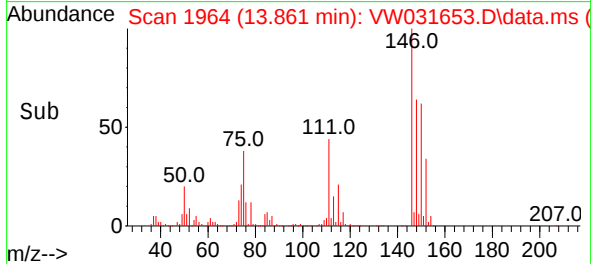
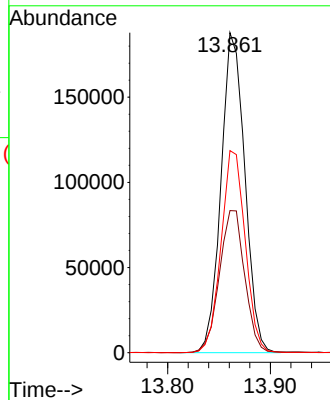
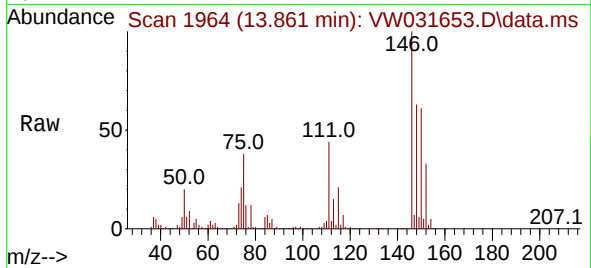
Tgt Ion:146 Resp: 301819

Ion Ratio Lower Upper

146 100

111 44.4 36.6 55.0

148 63.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.712 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

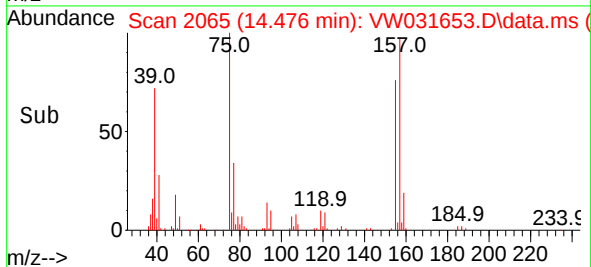
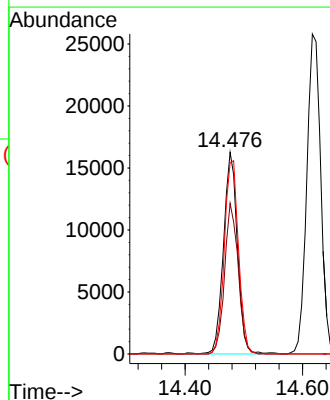
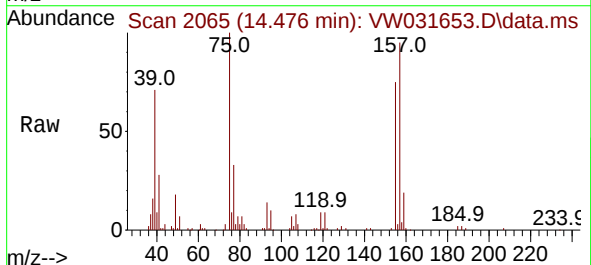
Tgt Ion: 75 Resp: 26947

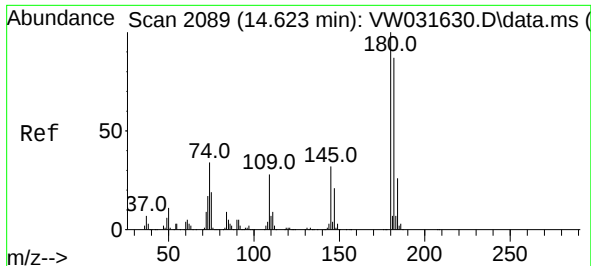
Ion Ratio Lower Upper

75 100

155 74.7 51.0 76.4

157 94.8 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 17.479 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 204873

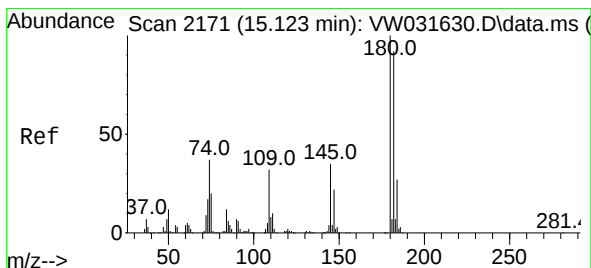
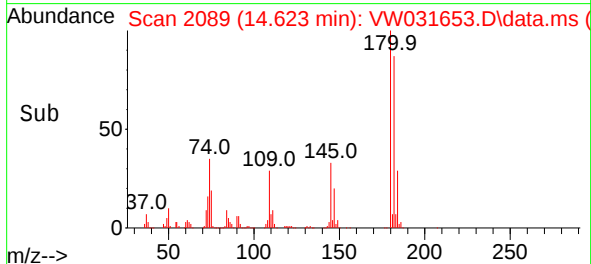
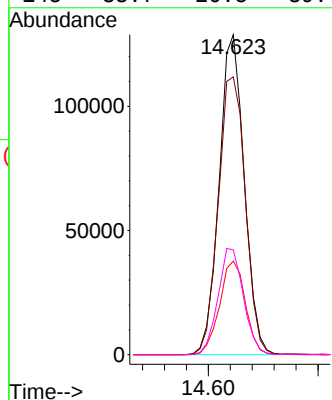
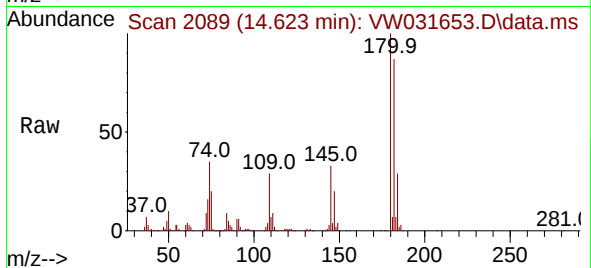
Ion Ratio Lower Upper

180 100

182 93.2 74.2 111.4

184 30.0 23.0 34.4

145 33.7 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 19.859 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031653.D

Acq: 29 Jan 2025 19:59

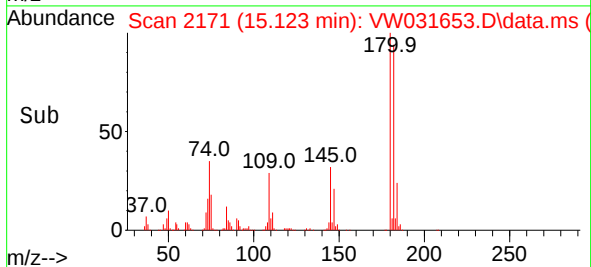
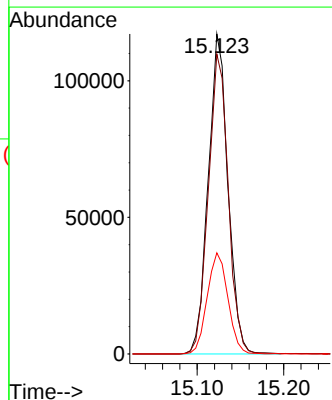
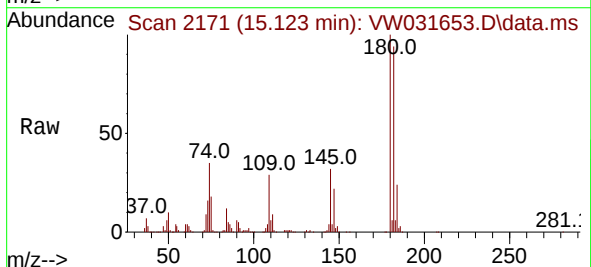
Tgt Ion:180 Resp: 185397

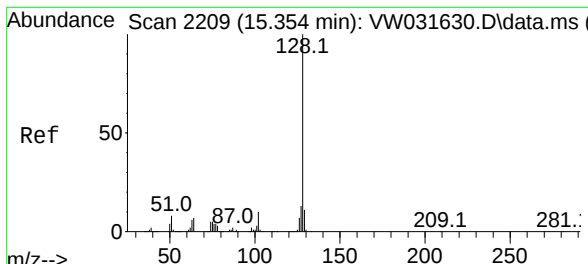
Ion Ratio Lower Upper

180 100

182 94.7 77.7 116.5

145 33.1 26.6 39.8

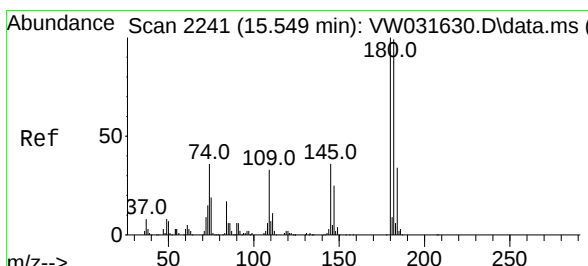
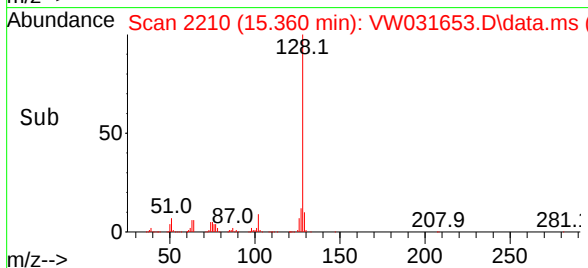
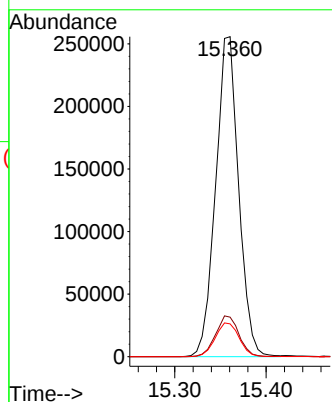
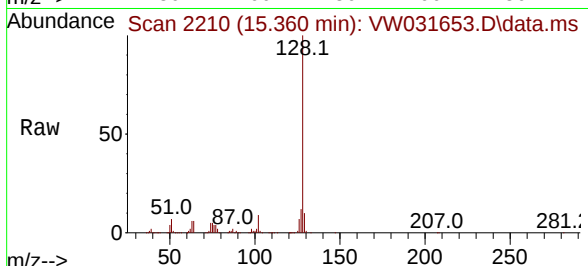




#71
Naphthalene
Concen: 25.564 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 447515
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.738 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031653.D
Acq: 29 Jan 2025 19:59

Tgt Ion:180 Resp: 170922
Ion Ratio Lower Upper
180 100
182 88.7 76.9 115.3
145 34.9 30.1 45.1

