

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044813.D
 Acq On : 03 Feb 2025 14:36
 Operator : JC/MD
 Sample : Q1218-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 04 02:09:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85426	46.180	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.360%
35) Dibromofluoromethane	5.379	113	75480	48.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	8.647	98	289439	53.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.860%
62) 4-Bromofluorobenzene	11.079	95	96884	47.979	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.960%

Target Compounds					Qvalue	
6) Chloroethane	1.679	64	271	0.839	ug/l #	41
11) Tert butyl alcohol	2.953	59	6833	16.569	ug/l #	88
13) Acrolein	2.233	56	418	2.154	ug/l #	45
14) Allyl chloride	2.556	41	1323	0.474	ug/l #	24
16) Acetone	2.380	43	1954861	2671.011	ug/l	97
17) Carbon Disulfide	2.508	76	1375	0.351	ug/l #	91
18) Methyl Acetate	2.703	43	22748	10.075	ug/l	100
20) Methylene Chloride	2.788	84	2631	1.544	ug/l	95
25) 2-Butanone	4.580	43	9690	8.905	ug/l	96
29) Tetrahydrofuran	5.038	42	1127	1.606	ug/l #	84
30) Chloroform	5.099	83	2240	0.771	ug/l	94
31) Cyclohexane	5.458	56	2075	0.891	ug/l #	65
36) 1,1-Dichloropropene	5.544	75	10567	4.886	ug/l #	49
37) Ethyl Acetate	4.739	43	3106	1.349	ug/l #	85
38) Carbon Tetrachloride	5.544	117	12832	5.275	ug/l #	17
39) Methylcyclohexane	7.373	83	2768	0.964	ug/l #	79
40) Benzene	6.038	78	10294	1.536	ug/l	99
43) Isopropyl Acetate	6.336	43	121388	28.653	ug/l	98
48) Methyl methacrylate	7.598	41	3022	1.537	ug/l #	13
49) 1,4-Dioxane	7.665	88	1519	37.023	ug/l #	23
51) 4-Methyl-2-Pentanone	8.549	43	77096	32.930	ug/l #	35
52) Toluene	8.726	92	7645940	1864.176	ug/l	91
53) t-1,3-Dichloropropene	8.720	75	104215	38.305	ug/l #	1
54) cis-1,3-Dichloropropene	8.549	75	29323	9.940	ug/l #	57
56) Ethyl methacrylate	9.031	69	10697	3.749	ug/l #	76
57) 1,3-Dichloropropane	9.482	76	3035	1.074	ug/l #	42
59) 2-Hexanone	9.482	43	40882	23.735	ug/l #	53
67) Ethyl Benzene	10.195	91	45984	6.111	ug/l	100
68) m/p-Xylenes	10.299	106	71995	25.781	ug/l	97
69) o-Xylene	10.640	106	64593	22.872	ug/l	99
70) Styrene	10.640	104	3544	0.777	ug/l #	1
73) Isopropylbenzene	10.957	105	23792	3.071	ug/l	100
74) N-amyl acetate	10.866	43	1195	0.313	ug/l #	37
76) 1,2,3-Trichloropropane	11.372	75	3262	1.417	ug/l #	1
78) n-propylbenzene	11.305	91	86637	10.140	ug/l	99
79) 2-Chlorotoluene	11.378	91	49952	9.051	ug/l #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044813.D
 Acq On : 03 Feb 2025 14:36
 Operator : JC/MD
 Sample : Q1218-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

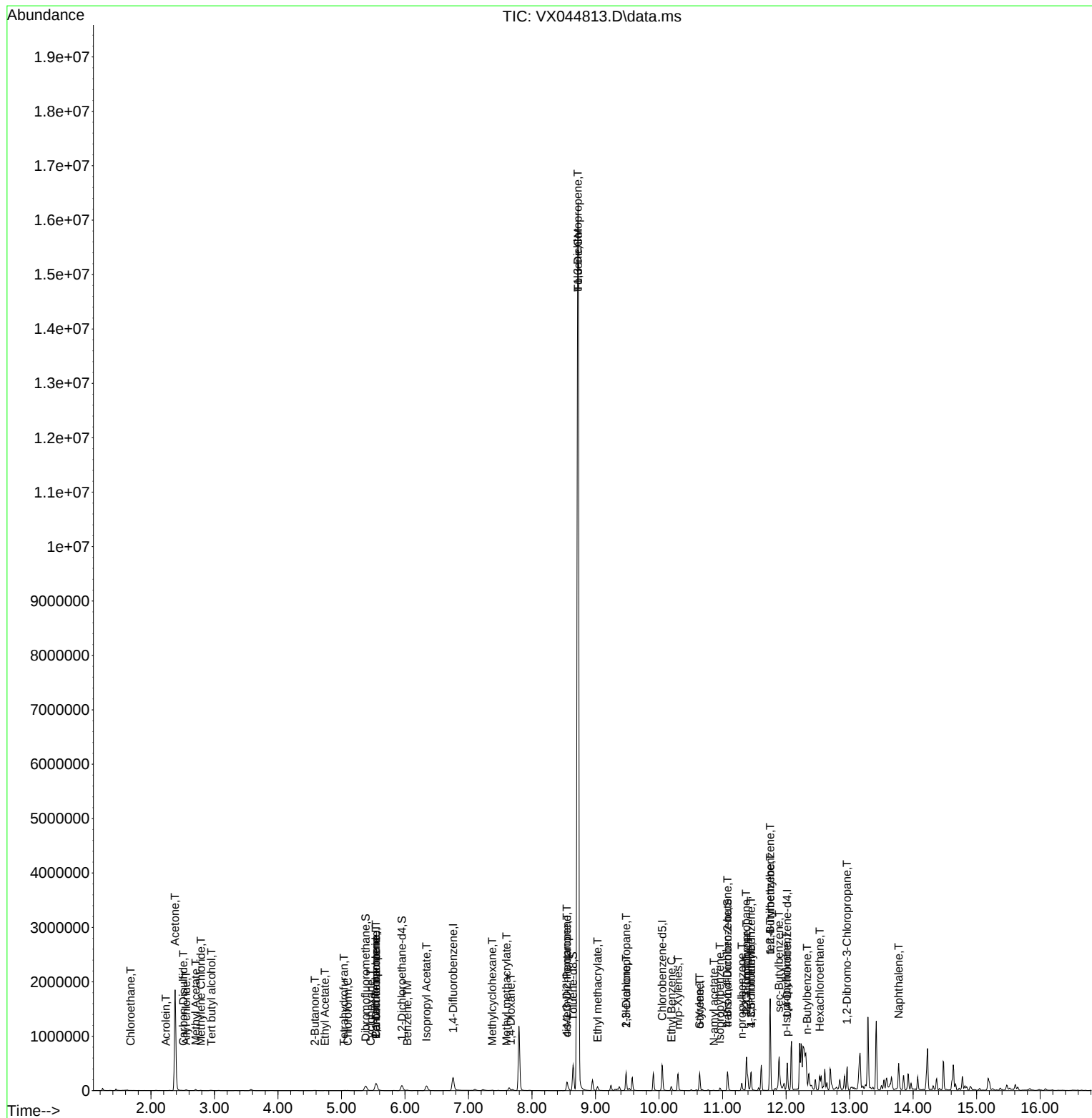
Quant Time: Feb 04 02:09:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

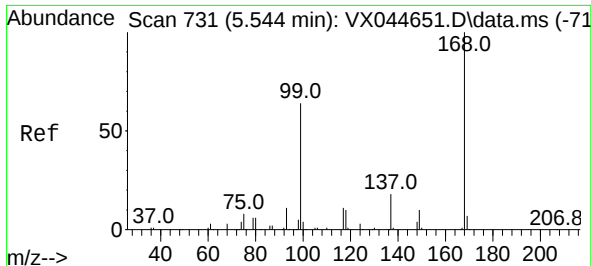
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.451	105	145429	23.058	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	48363	48.054	ug/l #	12
82) 4-Chlorotoluene	11.451	91	16116	2.666	ug/l #	47
83) tert-Butylbenzene	11.750	119	83563	12.671	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.750	105	706395	110.217	ug/l	99
85) sec-Butylbenzene	11.890	105	31174	4.060	ug/l	91
86) p-Isopropyltoluene	12.006	119	21632	3.428	ug/l	97
89) n-Butylbenzene	12.329	91	57718	10.649	ug/l #	37
90) Hexachloroethane	12.530	117	11176	7.821	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	12.957	75	1350	2.063	ug/l #	5
95) Naphthalene	13.774	128	284427	38.249	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :

Instrument :
MSVOA_X
ClientSampleId :

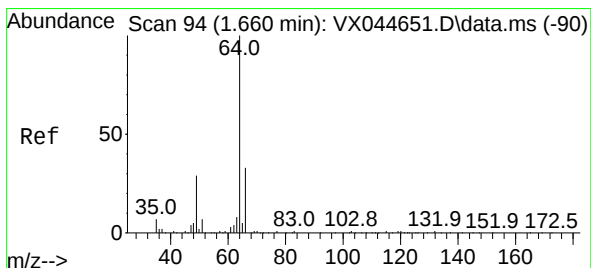
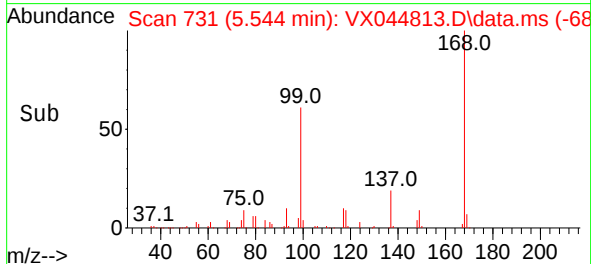
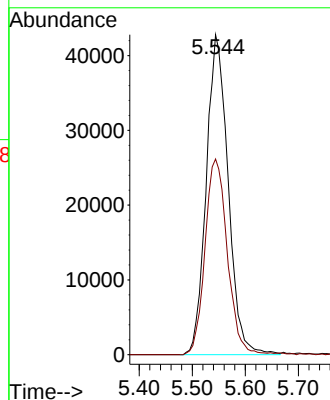
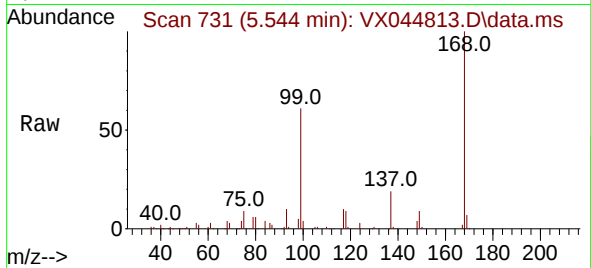




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

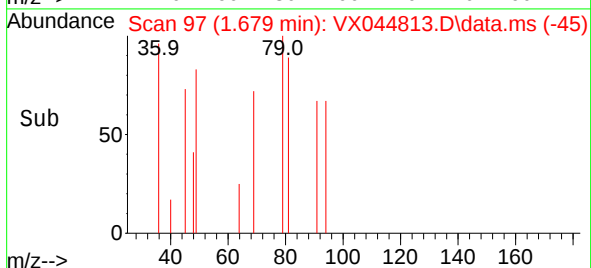
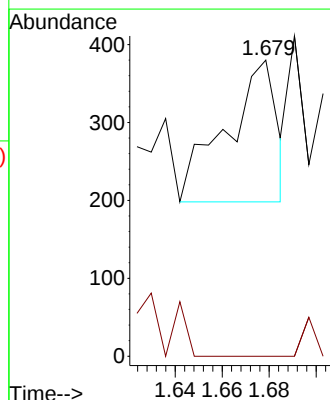
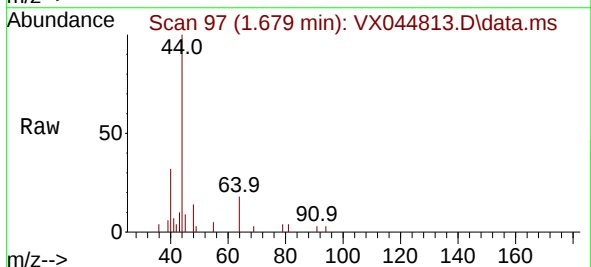
Instrument :
MSVOA_X
ClientSampleId :

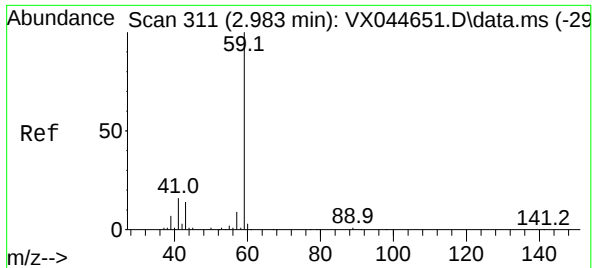
Tgt Ion:168 Resp: 122554
Ion Ratio Lower Upper
168 100
99 61.2 51.1 76.7



#6
Chloroethane
Concen: 0.839 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.018 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

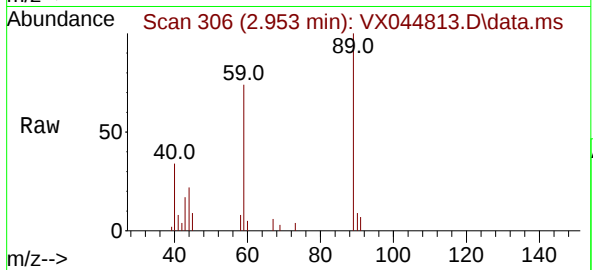
Tgt Ion: 64 Resp: 271
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



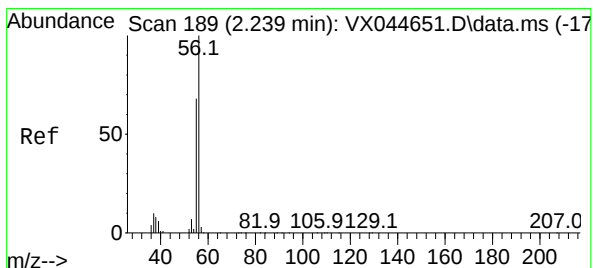
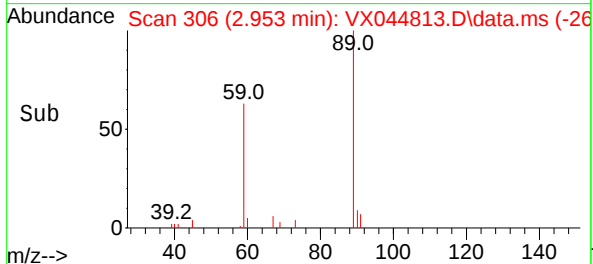
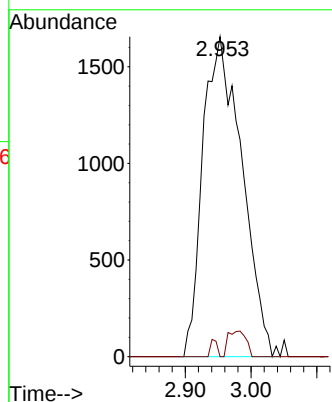


#11
Tert butyl alcohol
Concen: 16.569 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

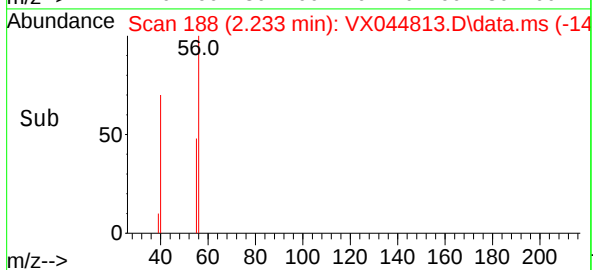
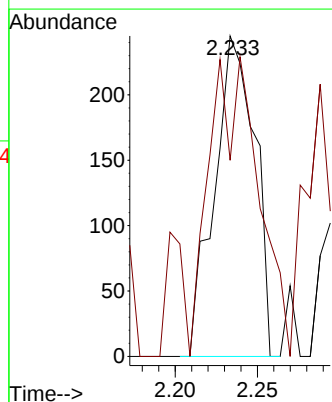
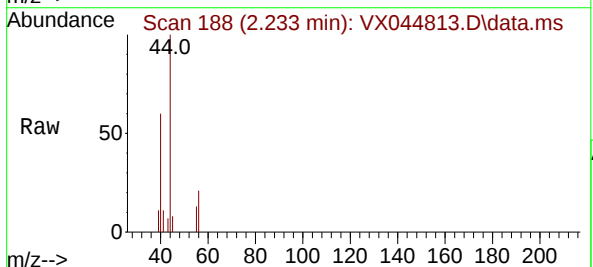


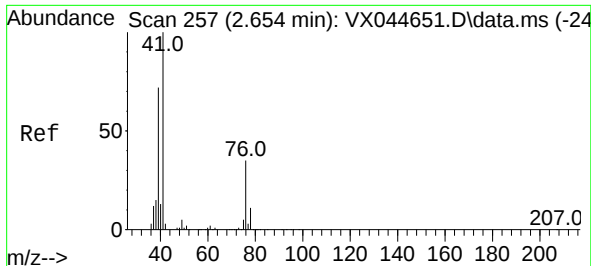
Tgt Ion: 59 Resp: 6833
Ion Ratio Lower Upper
59 100
57 0.9 3.9 5.9#



#13
Acrolein
Concen: 2.154 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

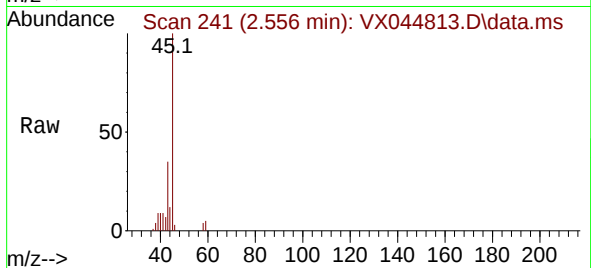
Tgt Ion: 56 Resp: 418
Ion Ratio Lower Upper
56 100
55 113.4 55.1 82.7#



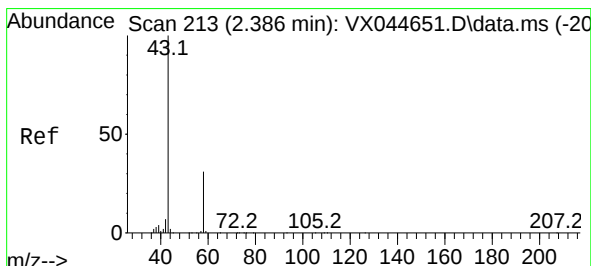
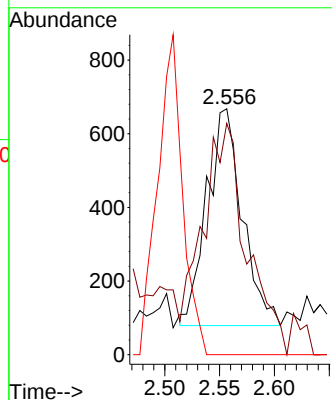
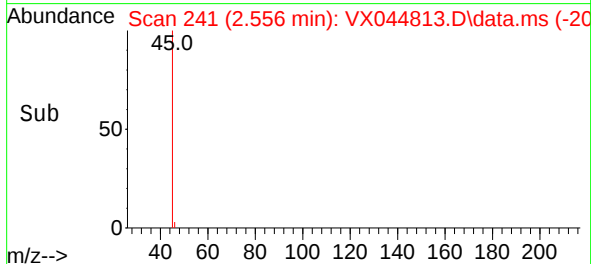


#14
 Allyl chloride
 Concen: 0.474 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.097 min
 Lab File: VX044813.D
 Acq: 03 Feb 2025 14:36

Instrument :
 MSVOA_X
 ClientSampleId :

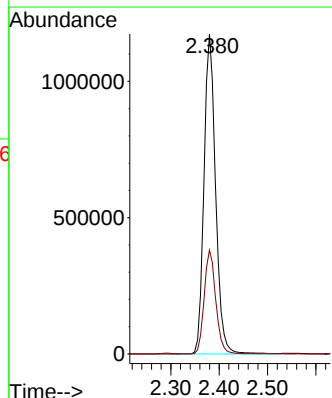
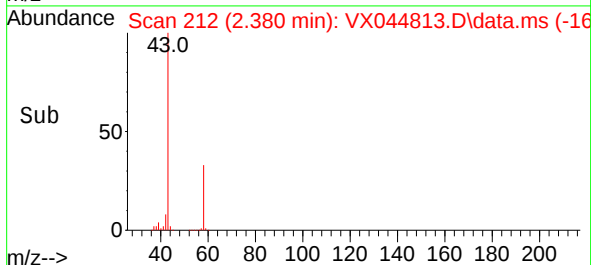
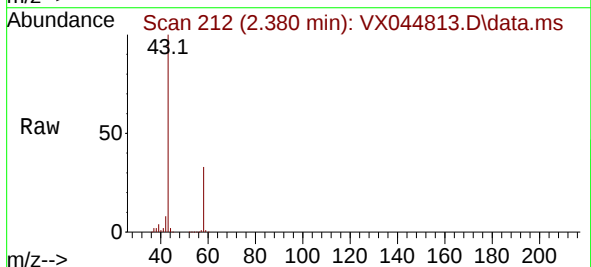


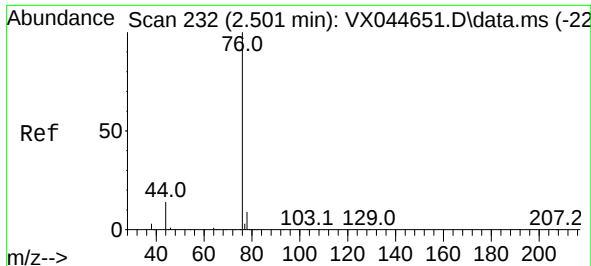
Tgt Ion: 41 Resp: 1323
 Ion Ratio Lower Upper
 41 100
 39 0.0 54.9 82.3#
 76 0.0 28.4 42.6#



#16
 Acetone
 Concen: 2671.011 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX044813.D
 Acq: 03 Feb 2025 14:36

Tgt Ion: 43 Resp: 1954861
 Ion Ratio Lower Upper
 43 100
 58 32.5 24.6 37.0

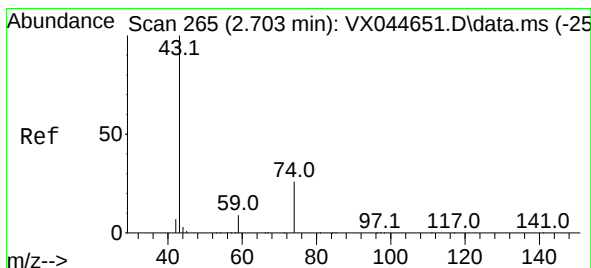
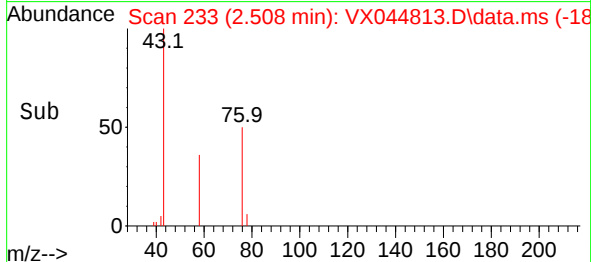
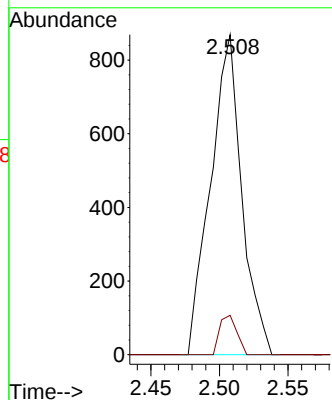
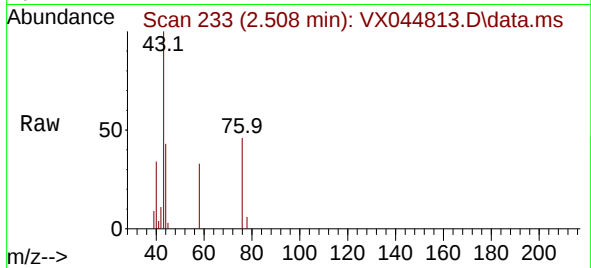




#17
Carbon Disulfide
Concen: 0.351 ug/l
RT: 2.508 min Scan# 24
Delta R.T. 0.006 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

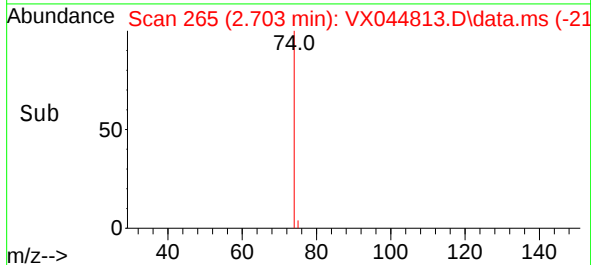
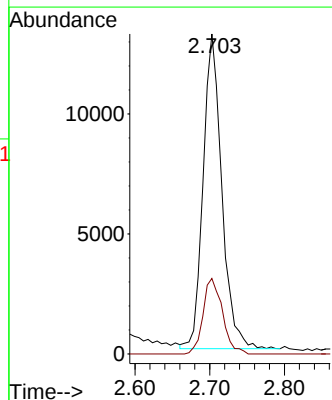
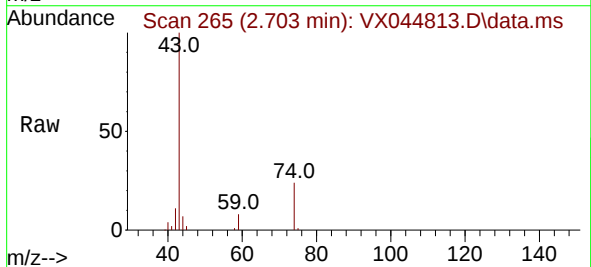
Instrument :
MSVOA_X
ClientSampleId :

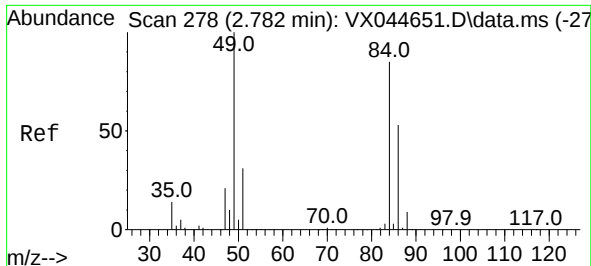
Tgt Ion: 76 Resp: 1375
Ion Ratio Lower Upper
76 100
78 12.3 7.1 10.7#



#18
Methyl Acetate
Concen: 10.075 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 43 Resp: 22748
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8





#20

Methylene Chloride

Concen: 1.544 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

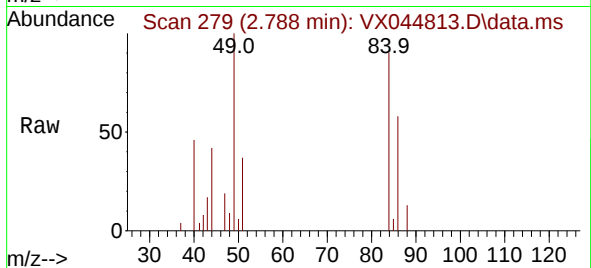
Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2631

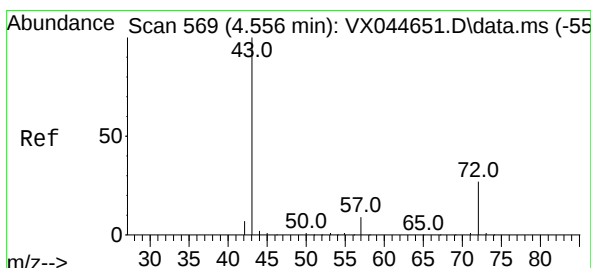
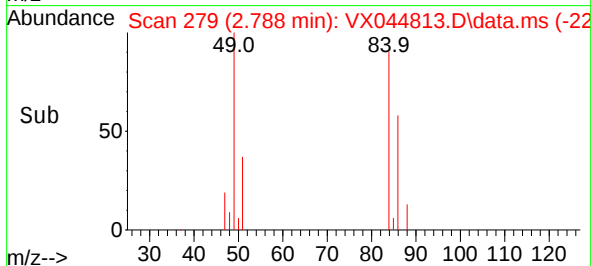
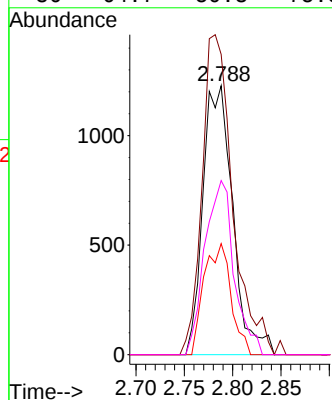
Ion Ratio Lower Upper

84 100

49 111.6 94.2 141.4

51 41.3 28.8 43.2

86 64.7 50.3 75.5



#25

2-Butanone

Concen: 8.905 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.025 min

Lab File: VX044813.D

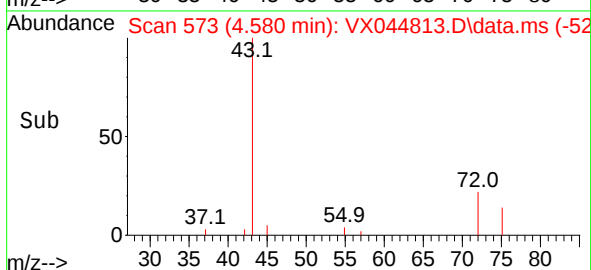
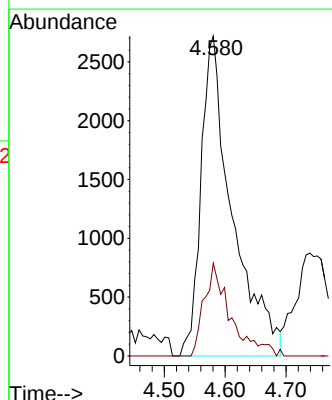
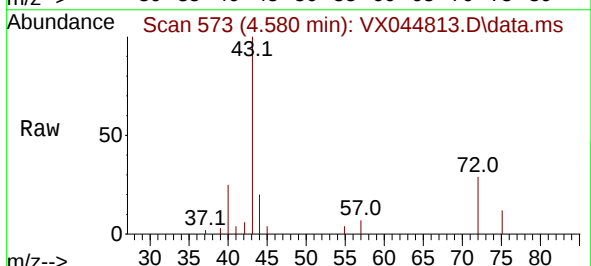
Acq: 03 Feb 2025 14:36

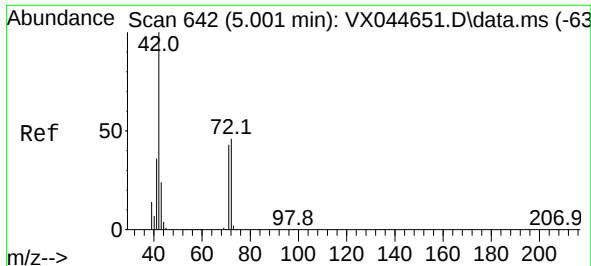
Tgt Ion: 43 Resp: 9690

Ion Ratio Lower Upper

43 100

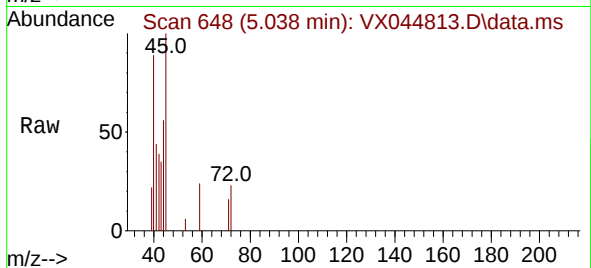
72 29.0 21.7 32.5



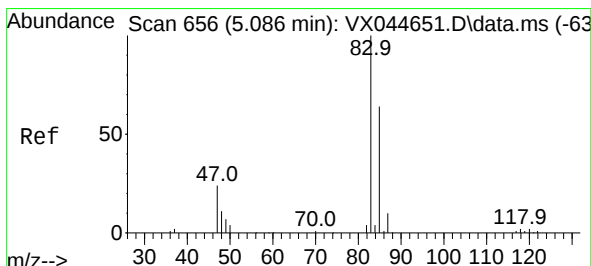
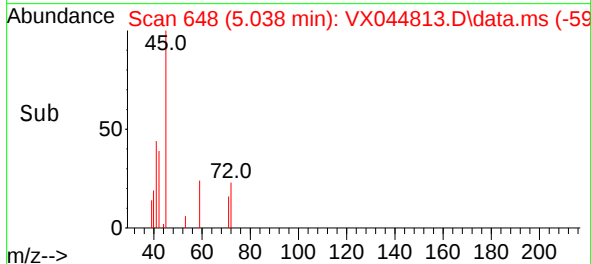
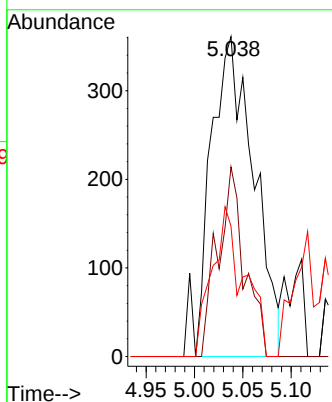


#29
Tetrahydrofuran
Concen: 1.606 ug/l
RT: 5.038 min Scan# 642
Delta R.T. 0.037 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

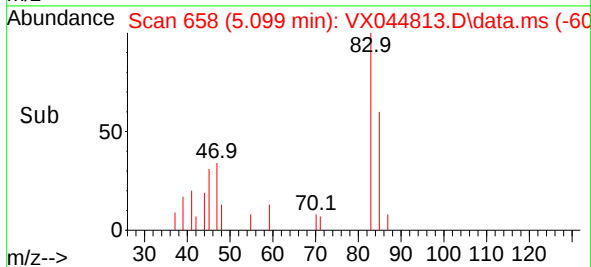
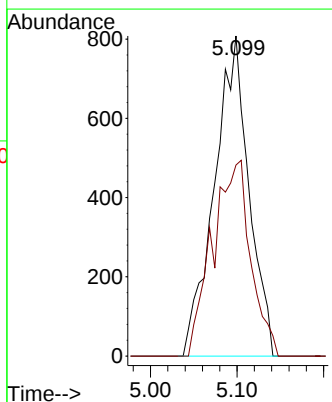
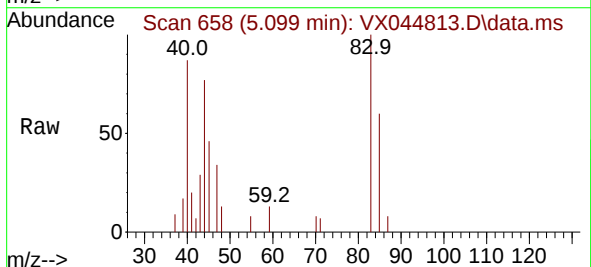


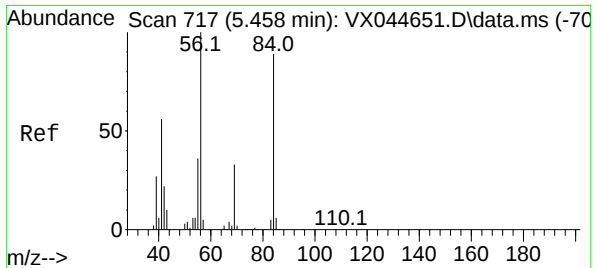
Tgt Ion: 42 Resp: 1127
Ion Ratio Lower Upper
42 100
72 36.9 38.2 57.4#
71 34.4 35.3 52.9#



#30
Chloroform
Concen: 0.771 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

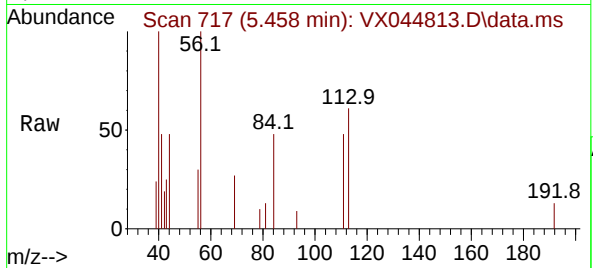
Tgt Ion: 83 Resp: 2240
Ion Ratio Lower Upper
83 100
85 59.7 51.2 76.8



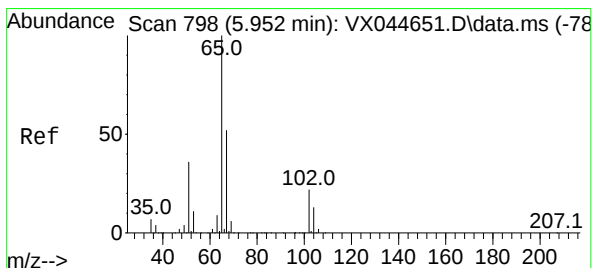
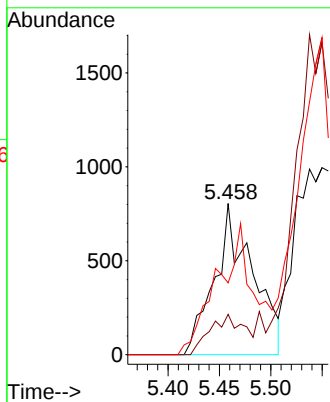
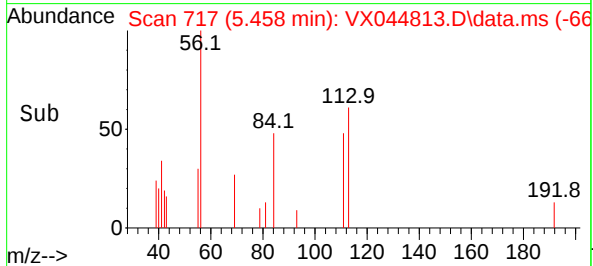


#31
Cyclohexane
Concen: 0.891 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

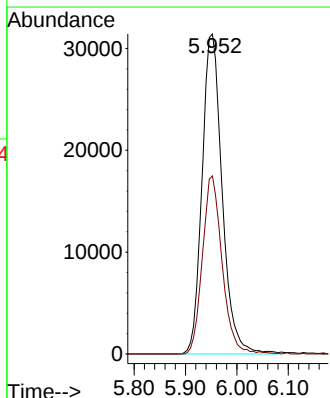
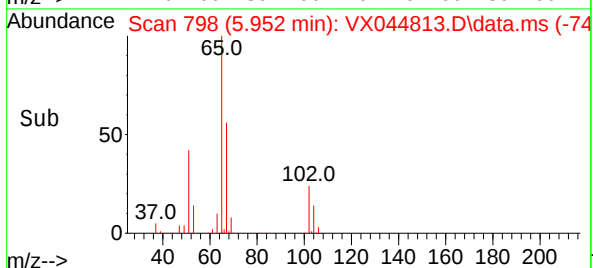
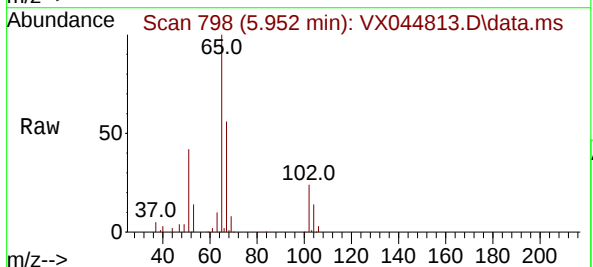


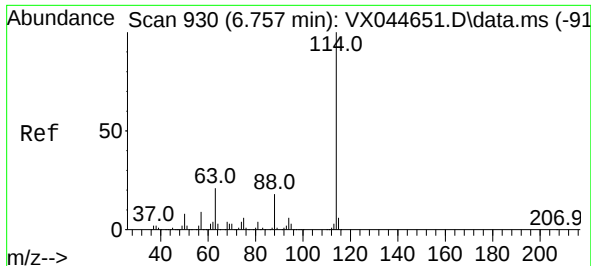
Tgt Ion: 56 Resp: 2075
Ion Ratio Lower Upper
56 100
69 26.7 26.8 40.2#
84 47.6 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 46.180 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

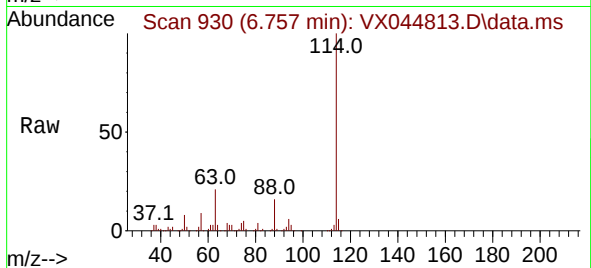
Tgt Ion: 65 Resp: 85426
Ion Ratio Lower Upper
65 100
67 54.5 0.0 103.4



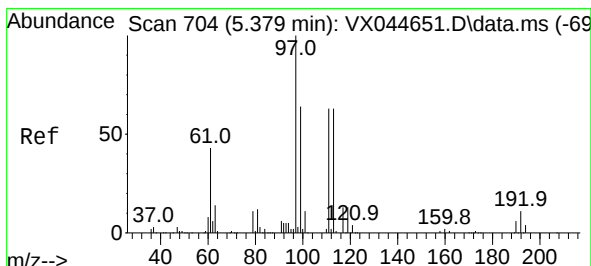
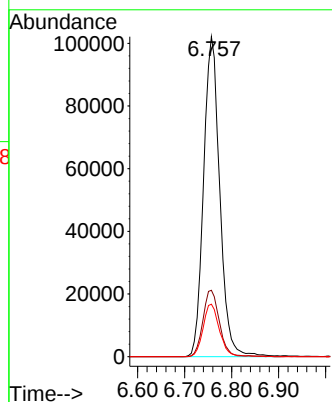
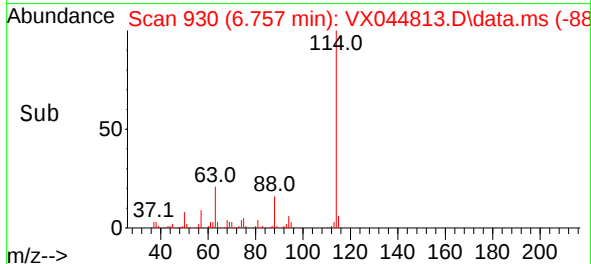


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

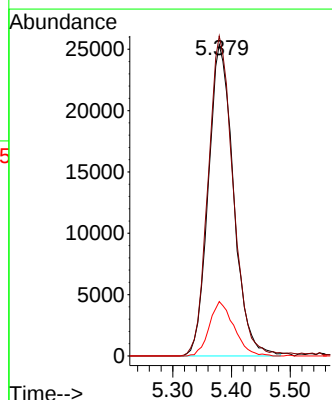
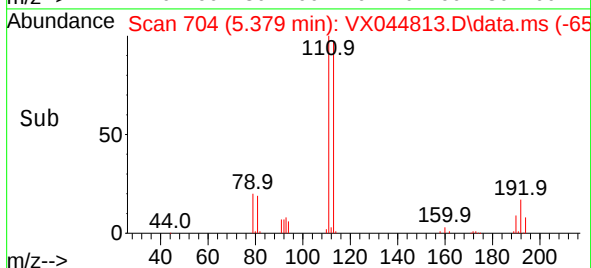
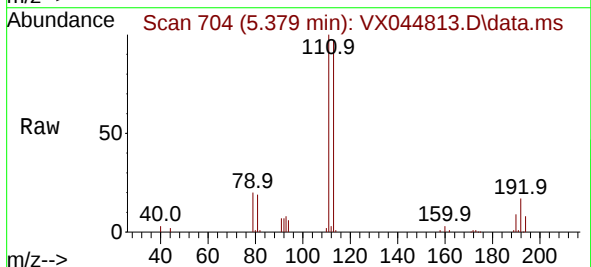


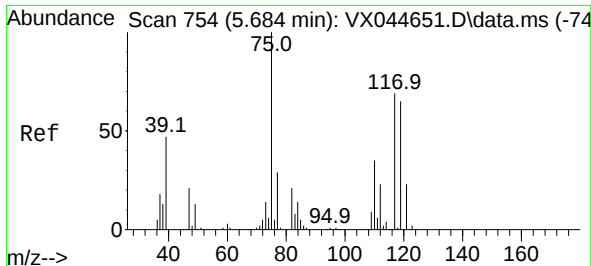
Tgt Ion:114 Resp: 244537
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 16.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 48.587 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

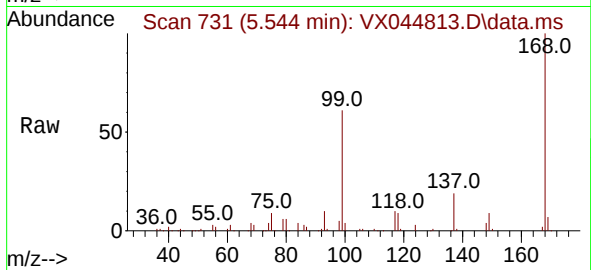
Tgt Ion:113 Resp: 75480
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 17.1 14.4 21.6



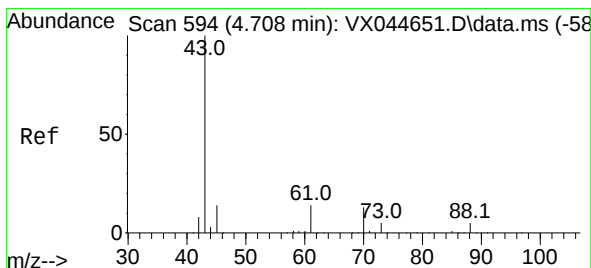
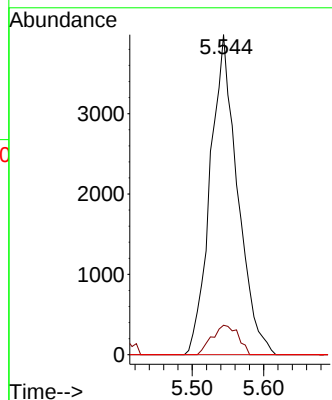
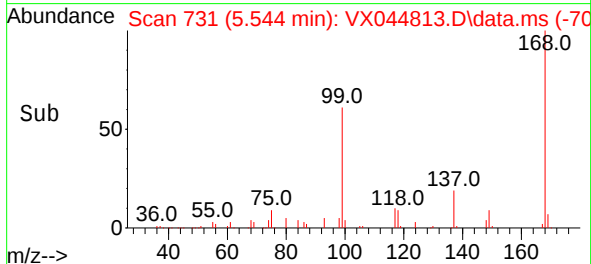


#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 5.544 min Scan# 754
Delta R.T. -0.140 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

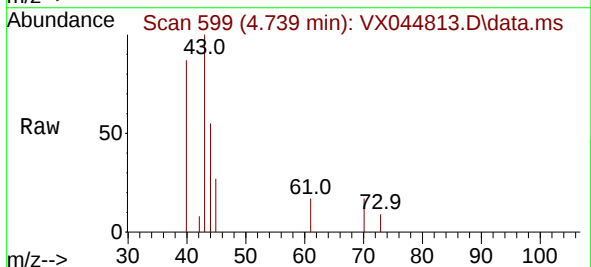
Instrument :
MSVOA_X
ClientSampleId :



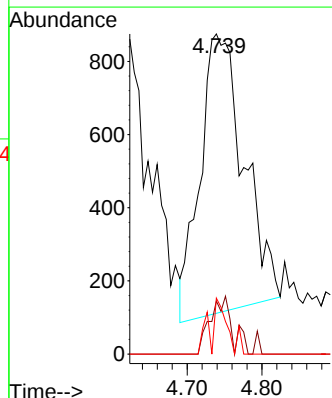
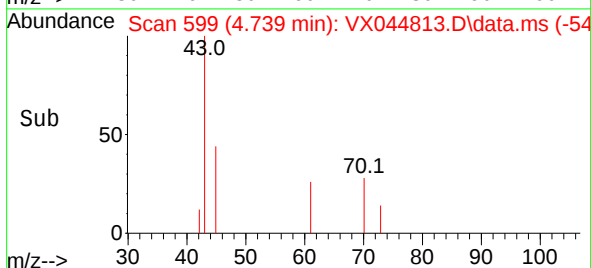
Tgt Ion: 75 Resp: 10567
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.5 36.7#

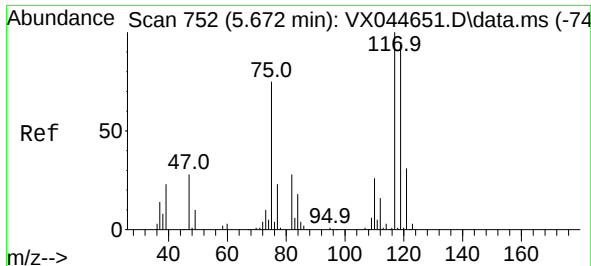


#37
Ethyl Acetate
Concen: 1.349 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.031 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36



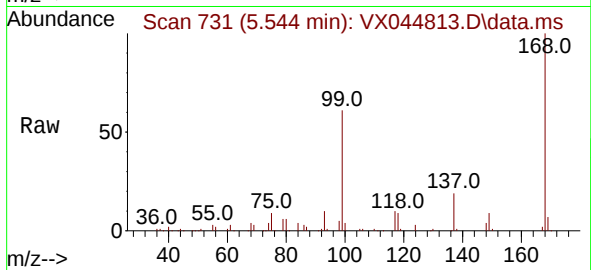
Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
61 8.9 10.9 16.3#
70 5.1 10.1 15.1#



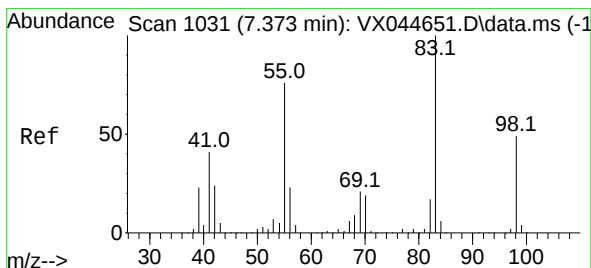
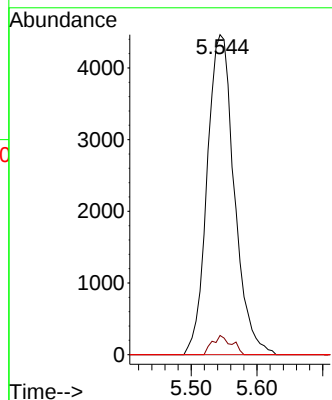
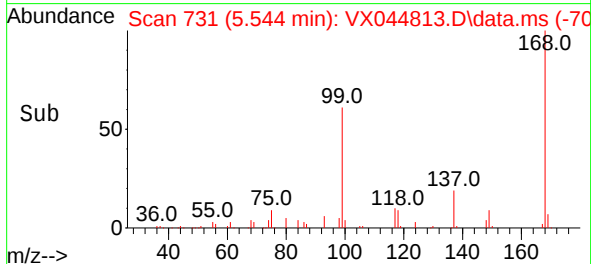


#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 5.544 min Scan# 74
Delta R.T. -0.128 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

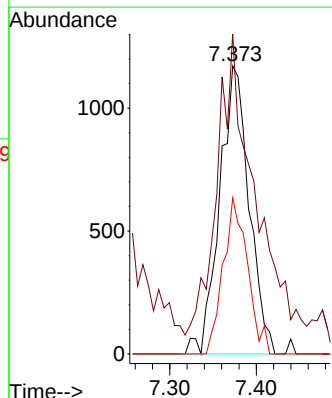
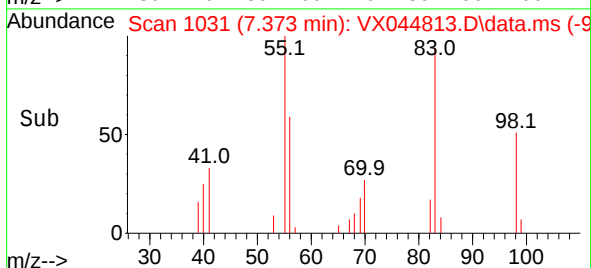
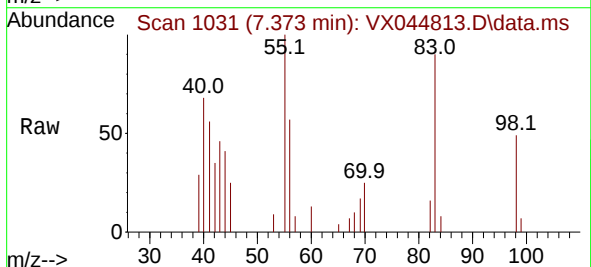


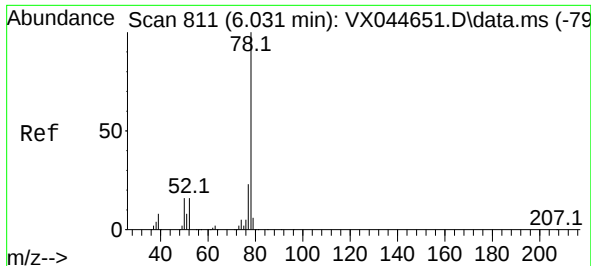
Tgt Ion:117 Resp: 12832
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.964 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 83 Resp: 2768
Ion Ratio Lower Upper
83 100
55 101.3 60.5 90.7#
98 54.2 39.0 58.4





#40

Benzene

Concen: 1.536 ug/l

RT: 6.038 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

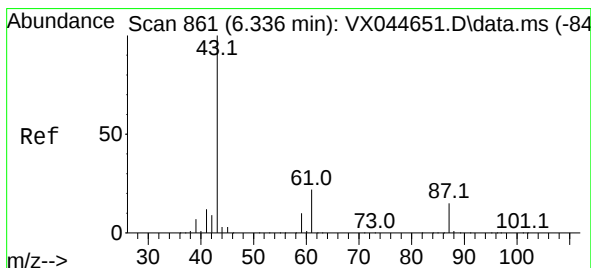
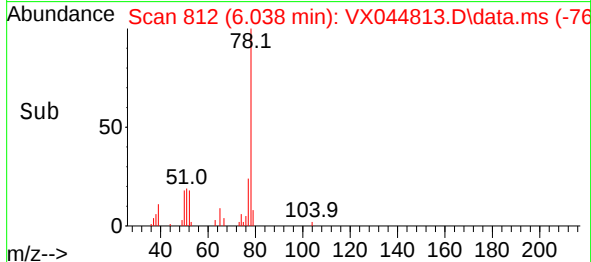
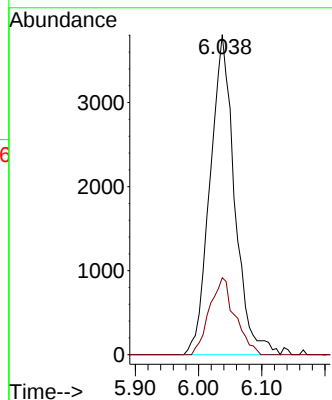
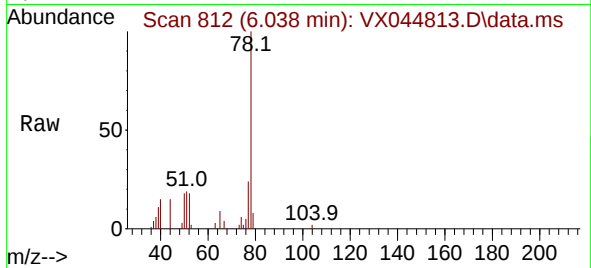
ClientSampleId :

Tgt Ion: 78 Resp: 10294

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1



#43

Isopropyl Acetate

Concen: 28.653 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

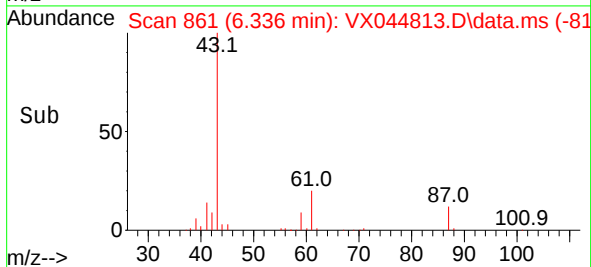
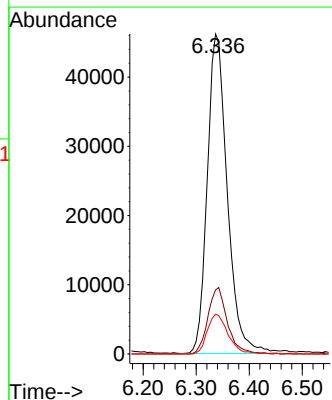
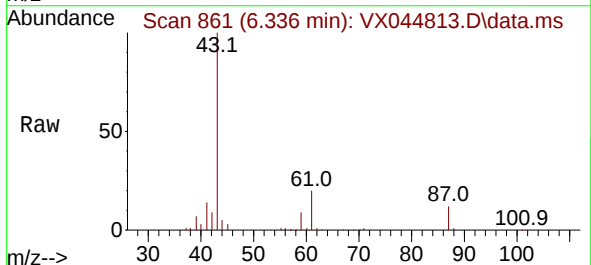
Tgt Ion: 43 Resp: 121388

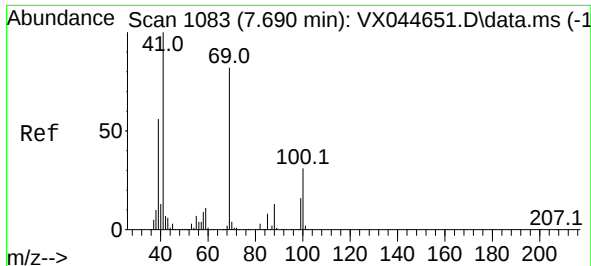
Ion Ratio Lower Upper

43 100

61 20.2 16.6 24.8

87 12.8 11.0 16.6





#48

Methyl methacrylate

Concen: 1.537 ug/l

RT: 7.598 min Scan# 1

Delta R.T. -0.091 min

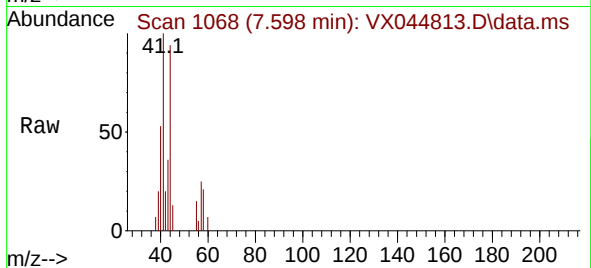
Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :



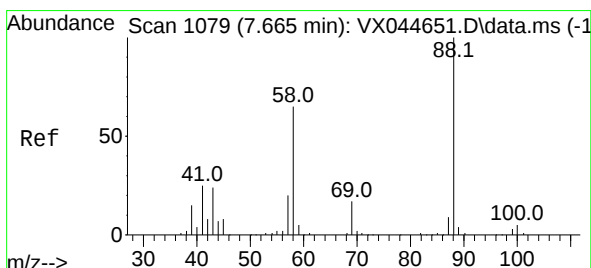
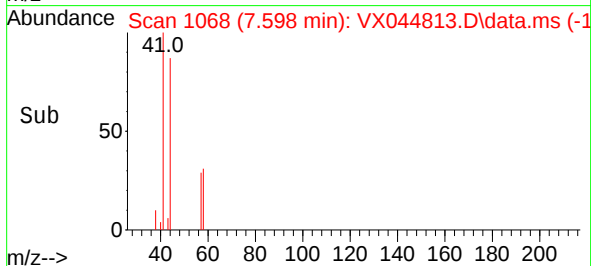
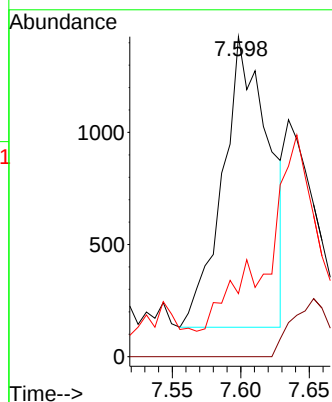
Tgt Ion: 41 Resp: 3022

Ion Ratio Lower Upper

41 100

69 0.0 66.8 100.2#

39 0.0 47.4 71.0#



#49

1,4-Dioxane

Concen: 37.023 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

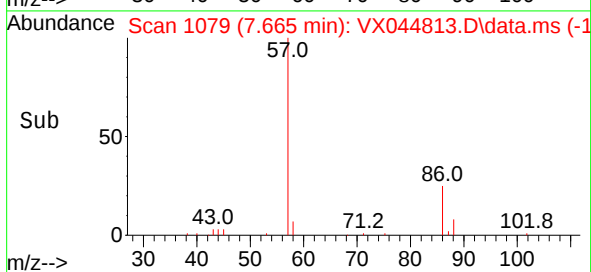
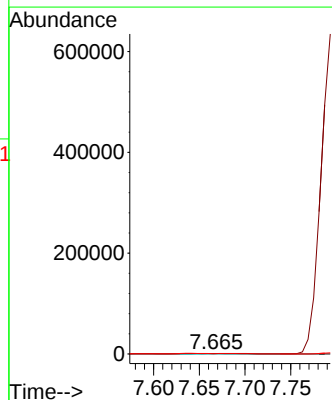
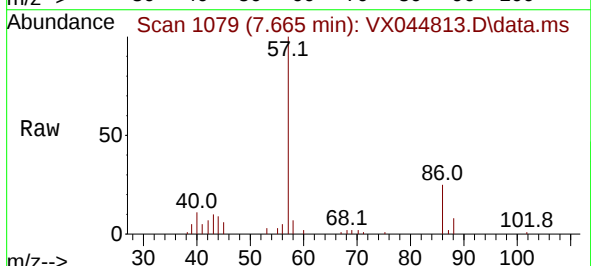
Tgt Ion: 88 Resp: 1519

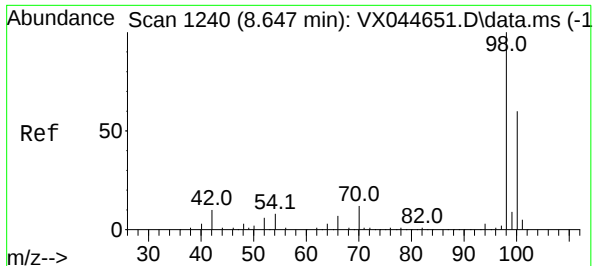
Ion Ratio Lower Upper

88 100

43 0.0 27.0 40.4#

58 0.0 55.8 83.8#





#50

Toluene-d8

Concen: 53.434 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

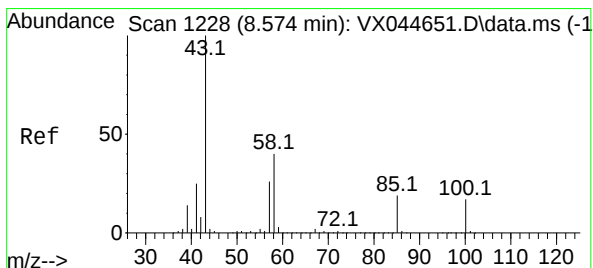
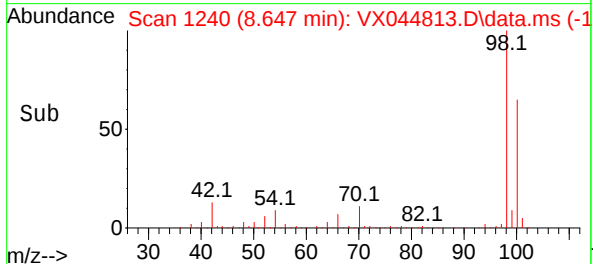
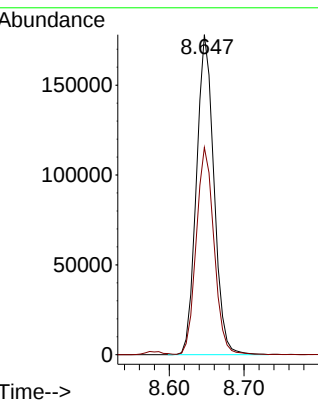
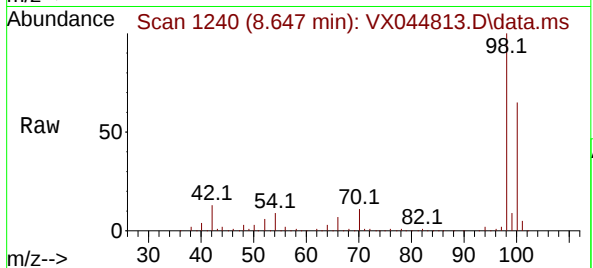
ClientSampleId :

Tgt Ion: 98 Resp: 289439

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 32.930 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX044813.D

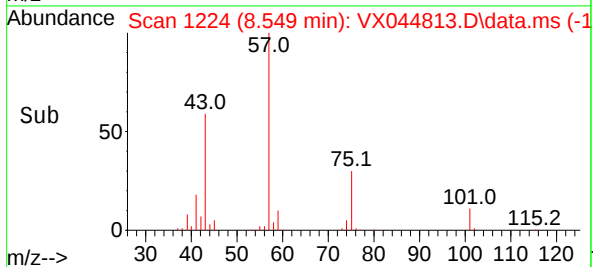
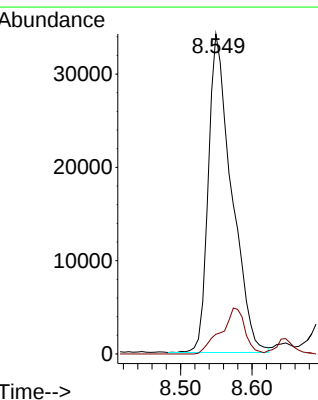
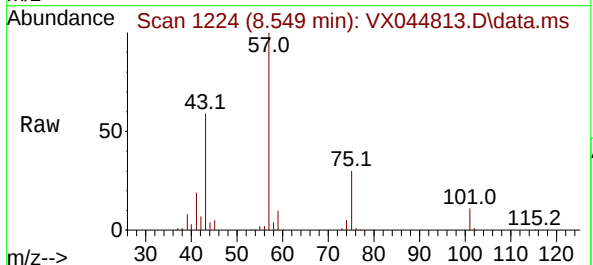
Acq: 03 Feb 2025 14:36

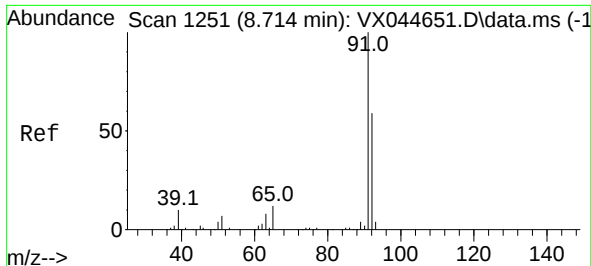
Tgt Ion: 43 Resp: 77096

Ion Ratio Lower Upper

43 100

58 0.0 31.9 47.9#





#52

Toluene

Concen: 1864.176 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

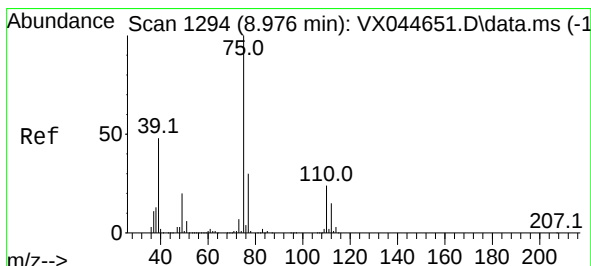
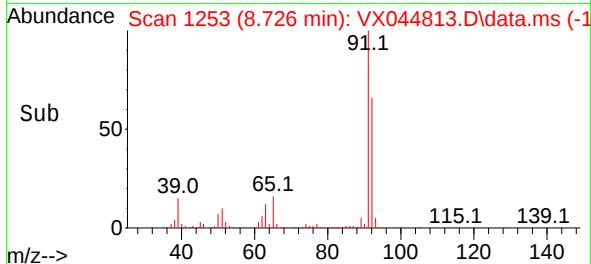
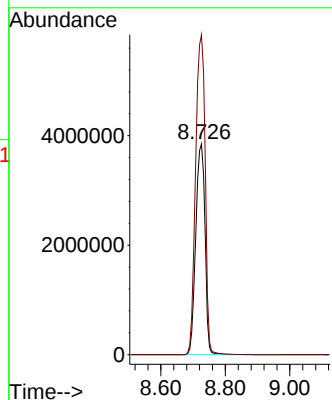
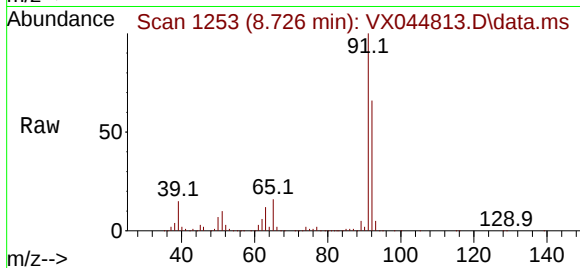
ClientSampleId :

Tgt Ion: 92 Resp: 7645940

Ion Ratio Lower Upper

92 100

91 157.8 135.7 203.5



#53

t-1,3-Dichloropropene

Concen: 38.305 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX044813.D

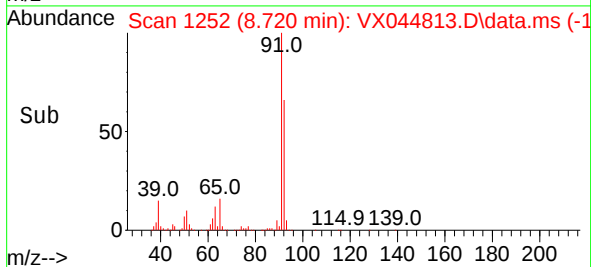
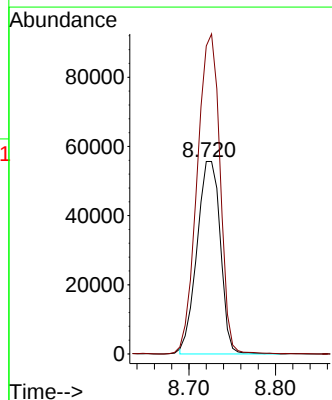
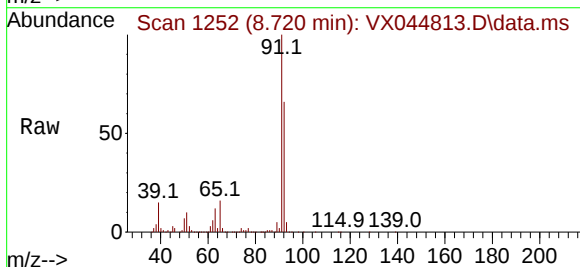
Acq: 03 Feb 2025 14:36

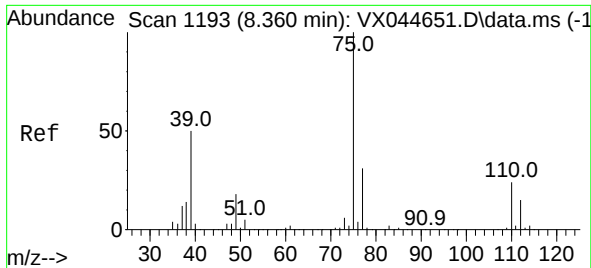
Tgt Ion: 75 Resp: 104215

Ion Ratio Lower Upper

75 100

77 159.8 24.4 36.6#

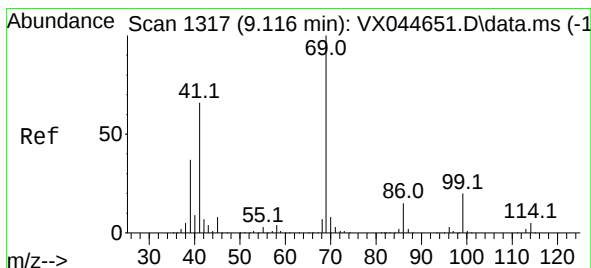
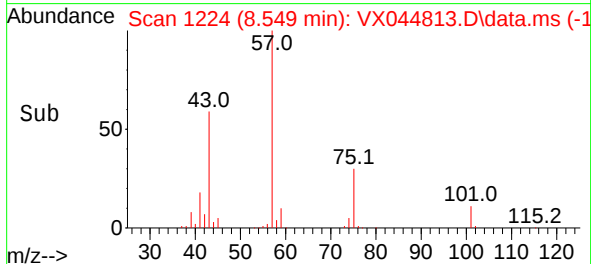
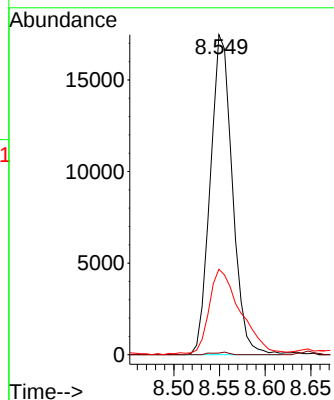
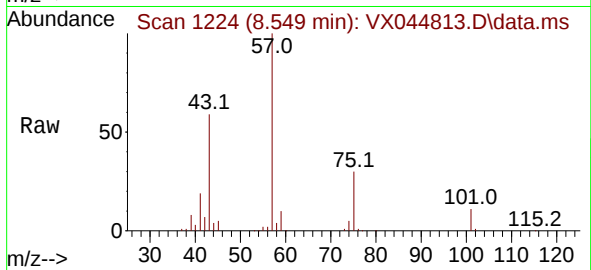




#54
cis-1,3-Dichloropropene
Concen: 9.940 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

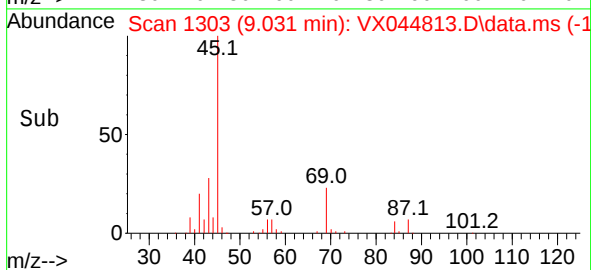
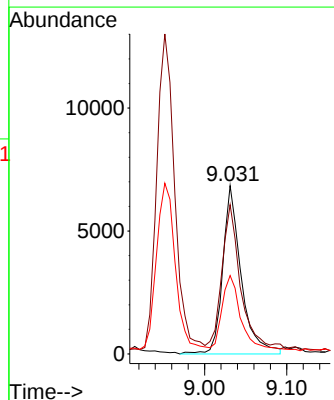
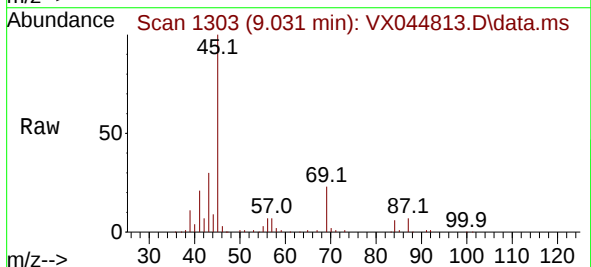
Instrument :
MSVOA_X
ClientSampleId :

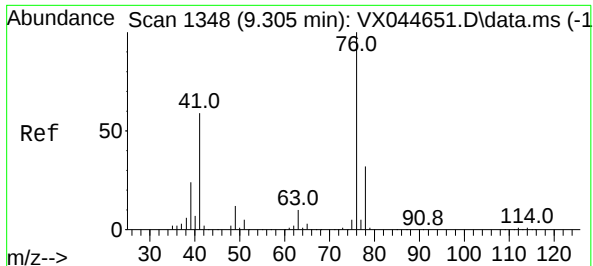
Tgt Ion: 75 Resp: 29323
Ion Ratio Lower Upper
75 100
77 0.5 25.1 37.7#
39 26.1 40.3 60.5#



#56
Ethyl methacrylate
Concen: 3.749 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.085 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 69 Resp: 10697
Ion Ratio Lower Upper
69 100
41 90.5 53.2 79.8#
39 46.3 30.2 45.2#





#57

1,3-Dichloropropane

Concen: 1.074 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

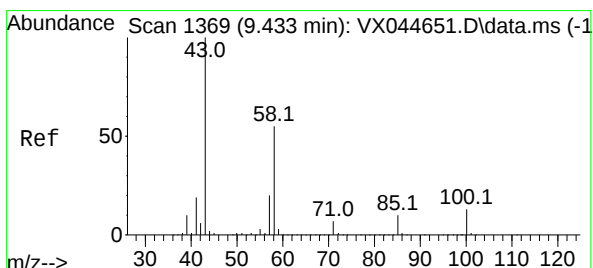
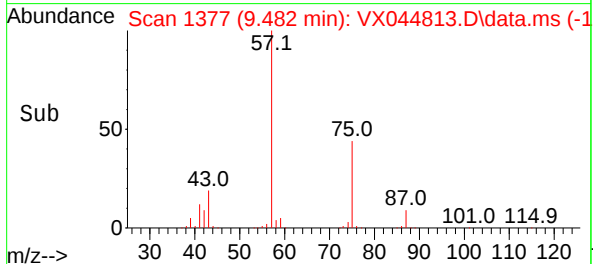
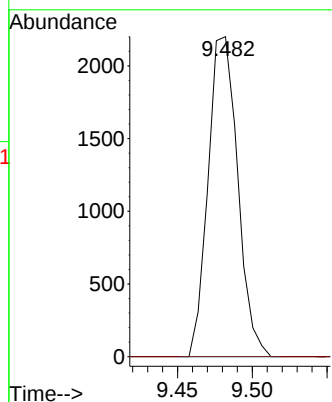
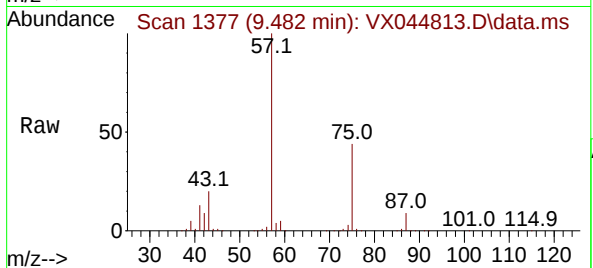
ClientSampleId :

Tgt Ion: 76 Resp: 3035

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 23.735 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX044813.D

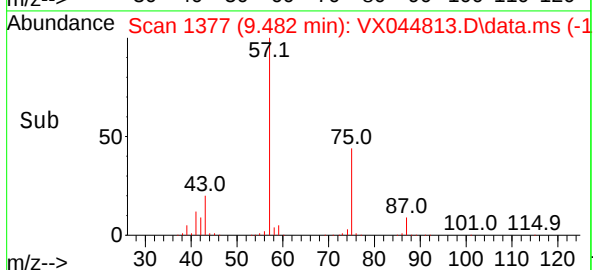
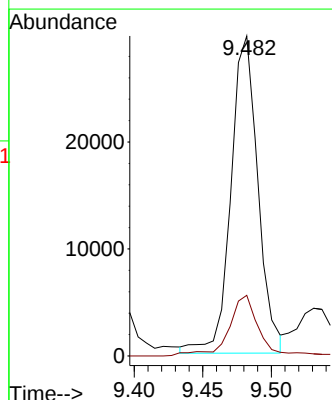
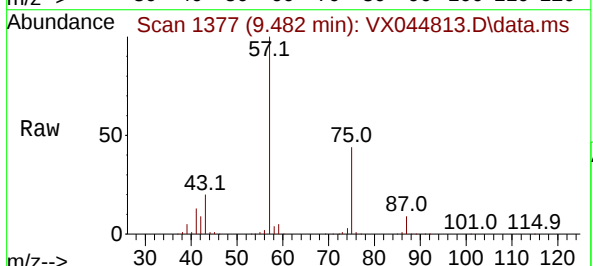
Acq: 03 Feb 2025 14:36

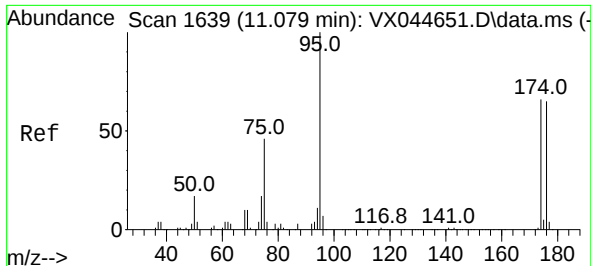
Tgt Ion: 43 Resp: 40882

Ion Ratio Lower Upper

43 100

58 21.5 27.8 83.3#





#62

4-Bromofluorobenzene

Concen: 47.979 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

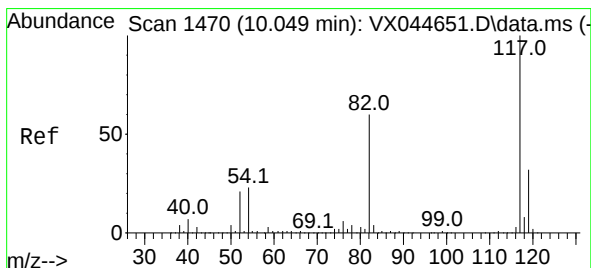
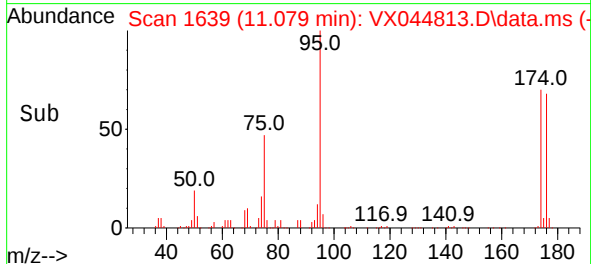
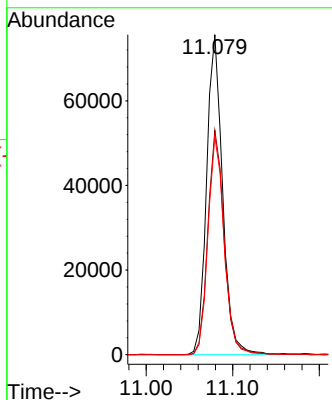
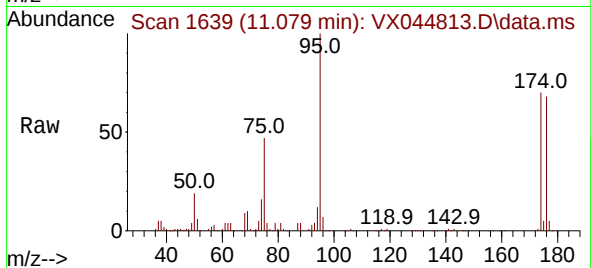
Tgt Ion: 95 Resp: 96884

Ion Ratio Lower Upper

95 100

174 71.6 0.0 133.0

176 69.0 0.0 129.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

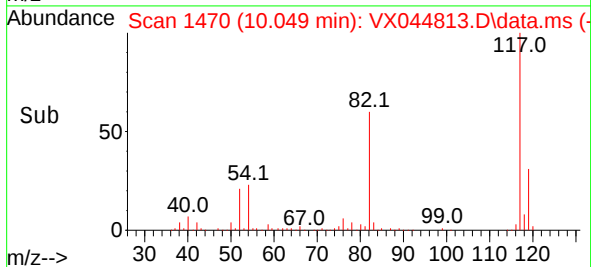
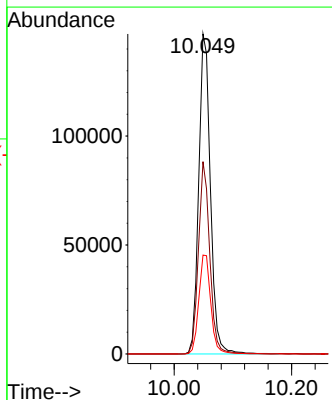
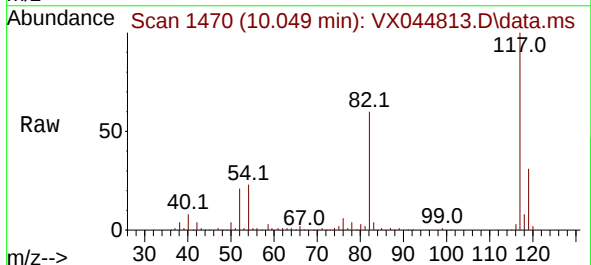
Tgt Ion: 117 Resp: 203047

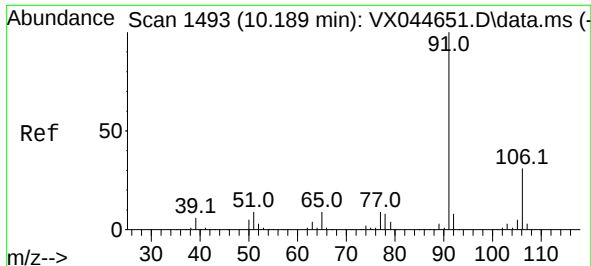
Ion Ratio Lower Upper

117 100

82 60.1 47.6 71.4

119 30.9 25.4 38.2





#67

Ethyl Benzene

Concen: 6.111 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

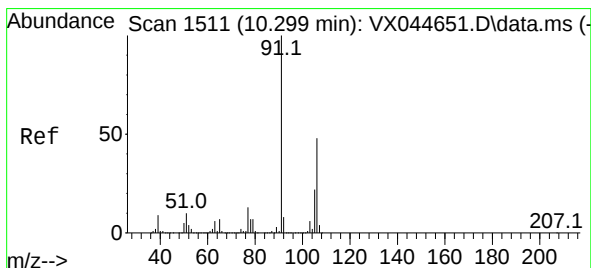
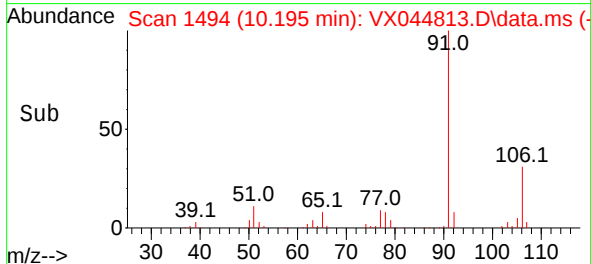
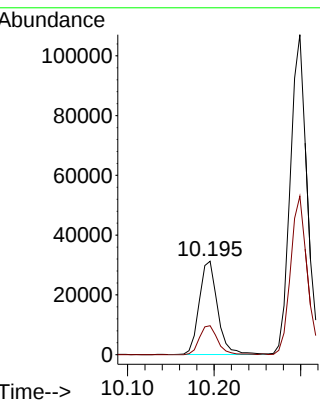
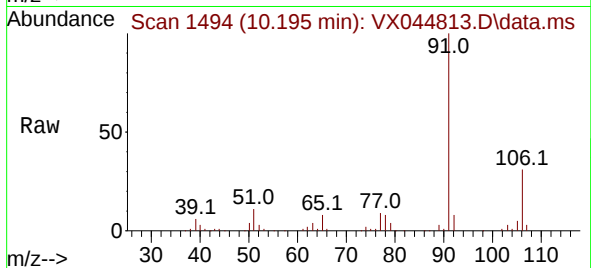
ClientSampleId :

Tgt Ion: 91 Resp: 45984

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 25.781 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044813.D

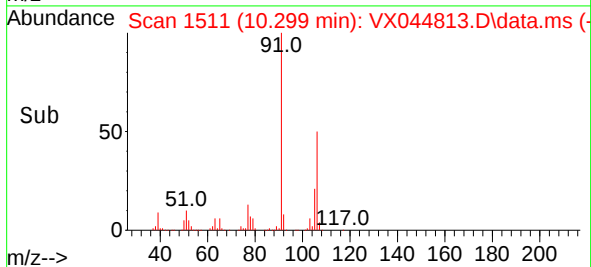
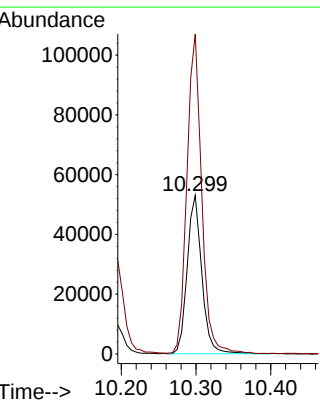
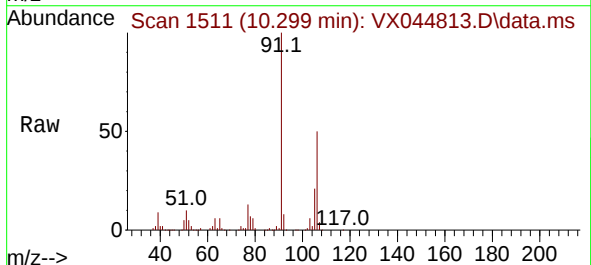
Acq: 03 Feb 2025 14:36

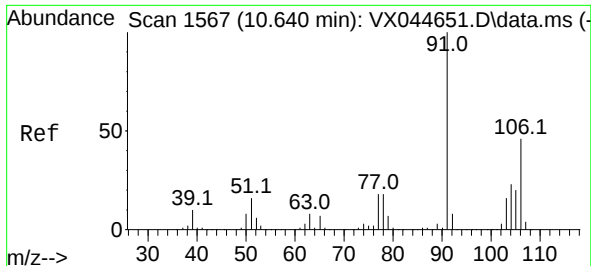
Tgt Ion:106 Resp: 71995

Ion Ratio Lower Upper

106 100

91 202.7 166.4 249.6





#69

o-Xylene

Concen: 22.872 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

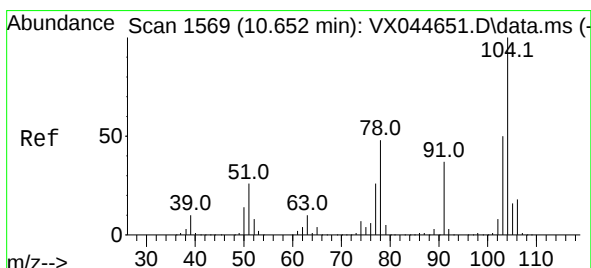
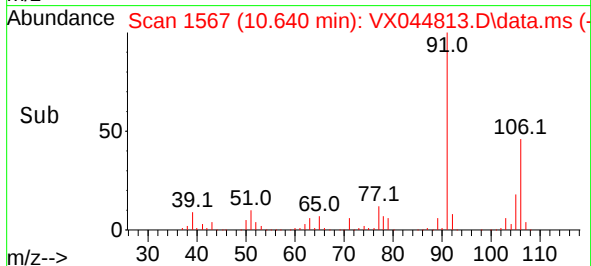
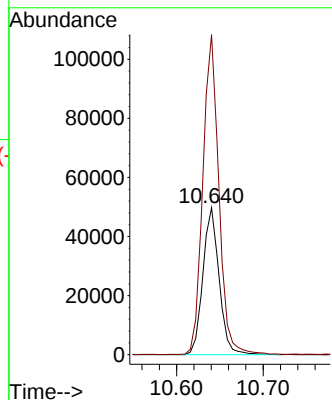
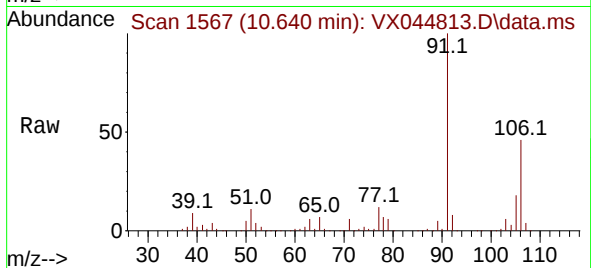
ClientSampleId :

Tgt Ion:106 Resp: 64593

Ion Ratio Lower Upper

106 100

91 215.7 108.7 326.3



#70

Styrene

Concen: 0.777 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

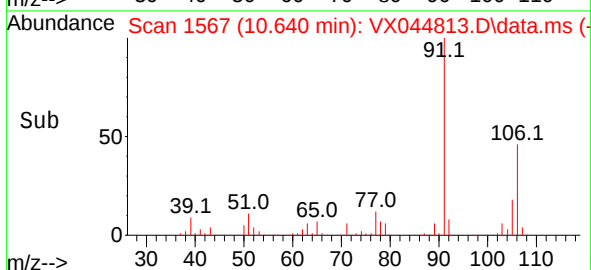
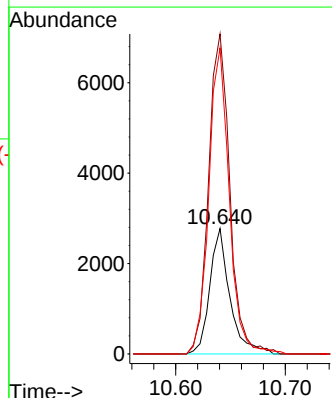
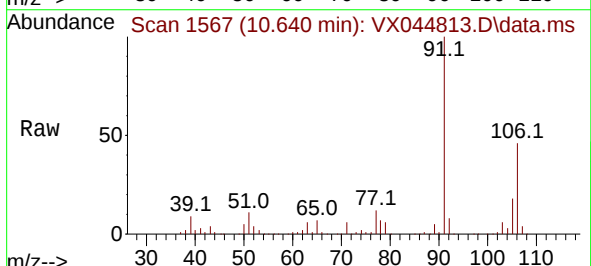
Tgt Ion:104 Resp: 3544

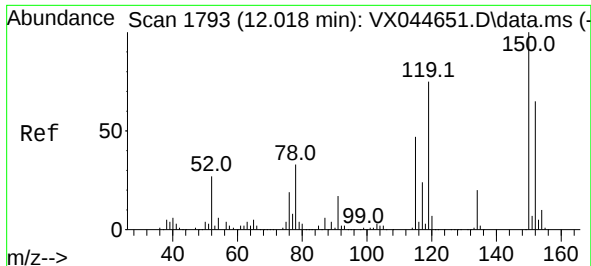
Ion Ratio Lower Upper

104 100

78 268.6 43.0 64.6#

103 248.4 43.4 65.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

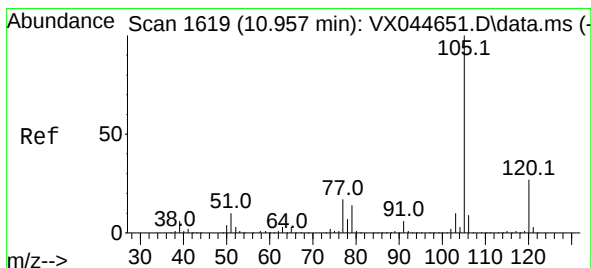
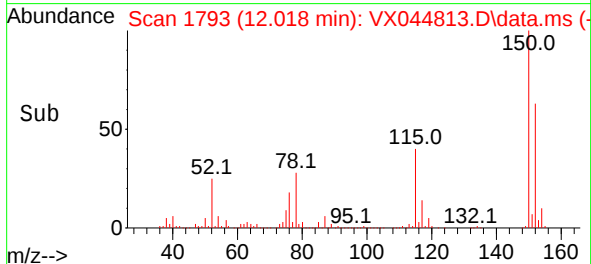
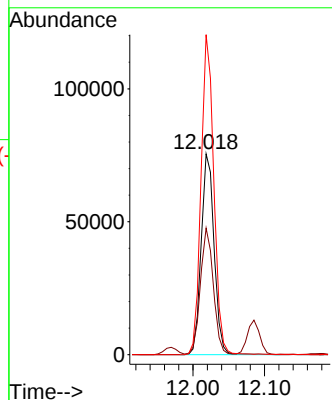
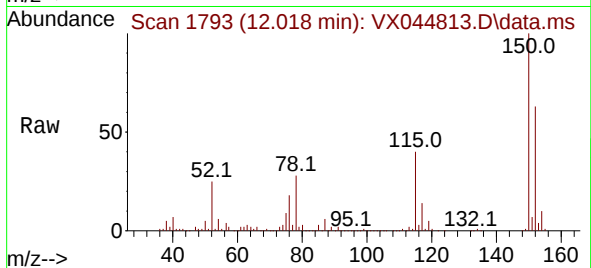
Tgt Ion:152 Resp: 94837

Ion Ratio Lower Upper

152 100

115 63.0 43.8 131.4

150 156.9 0.0 347.8



#73

Isopropylbenzene

Concen: 3.071 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044813.D

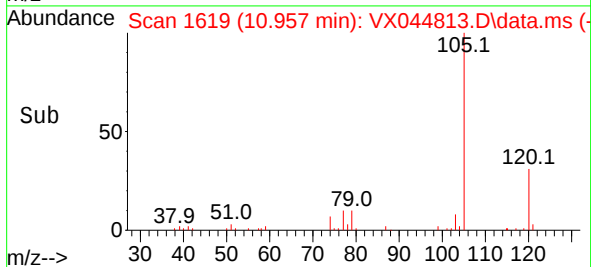
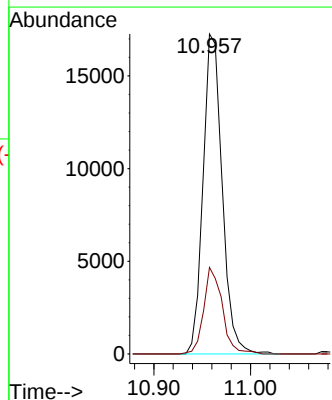
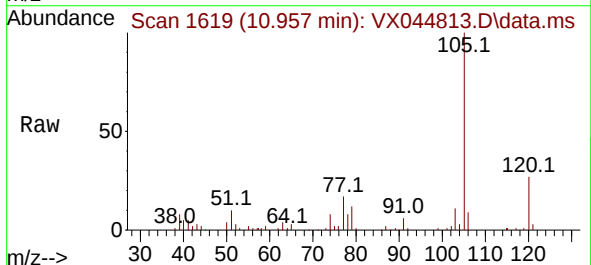
Acq: 03 Feb 2025 14:36

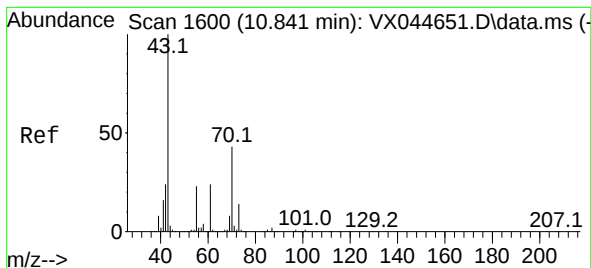
Tgt Ion:105 Resp: 23792

Ion Ratio Lower Upper

105 100

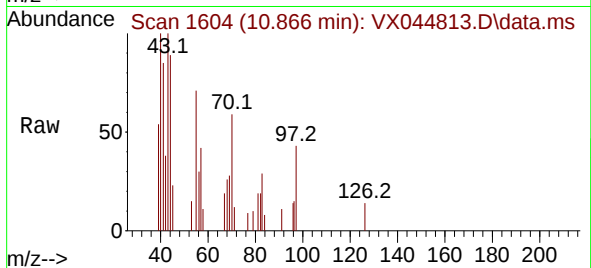
120 26.3 13.2 39.6



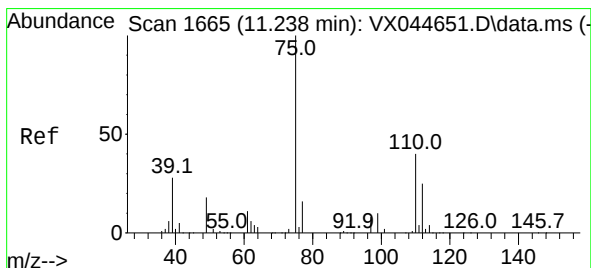
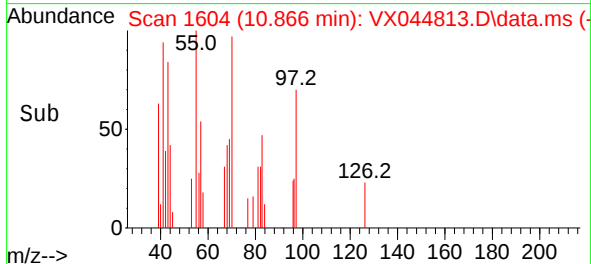
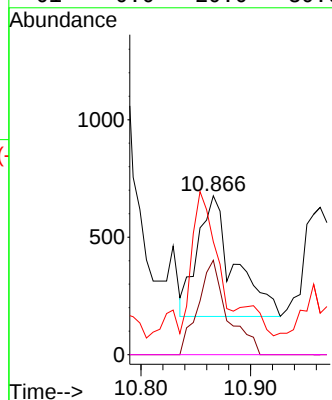


#74
N-ethyl acetate
Concen: 0.313 ug/l
RT: 10.866 min Scan# 1195
Delta R.T. 0.025 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :

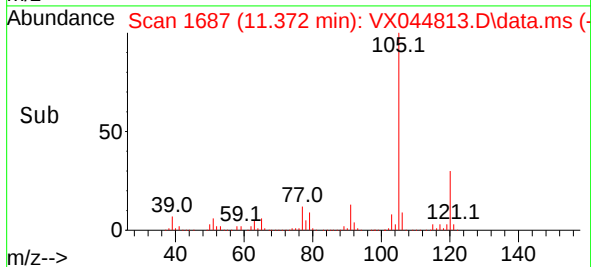
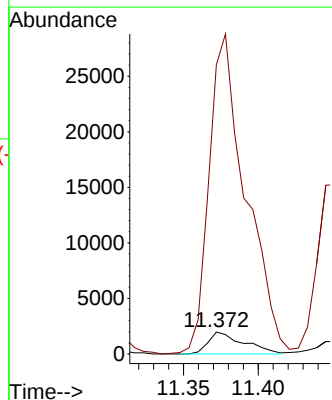
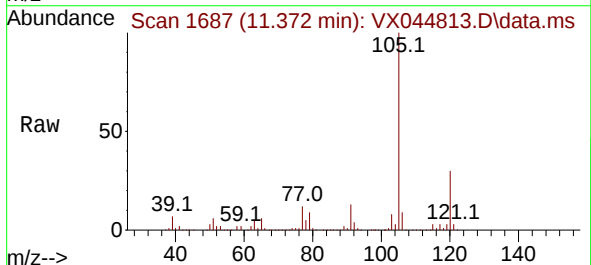


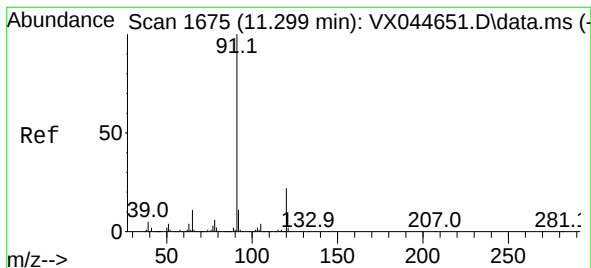
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
70 62.8 35.2 52.8#
55 92.3 19.0 28.4#
61 0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 1.417 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.134 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 75 Resp: 3262
Ion Ratio Lower Upper
75 100
77 1509.8 23.4 70.2#





#78

n-propylbenzene

Concen: 10.140 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

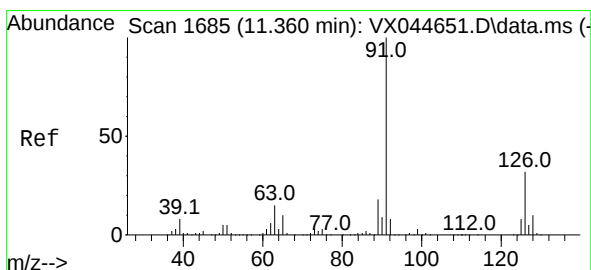
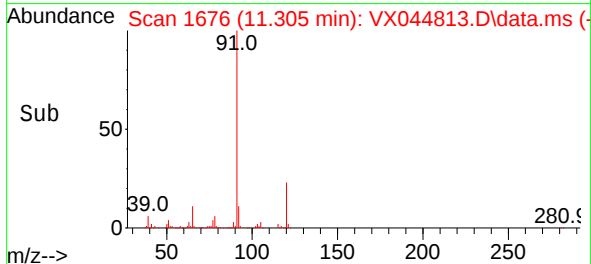
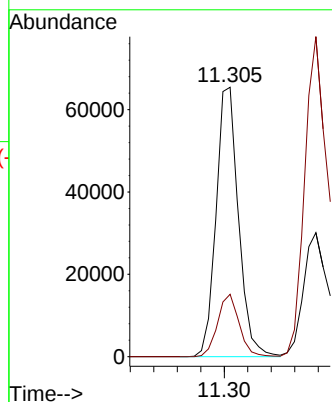
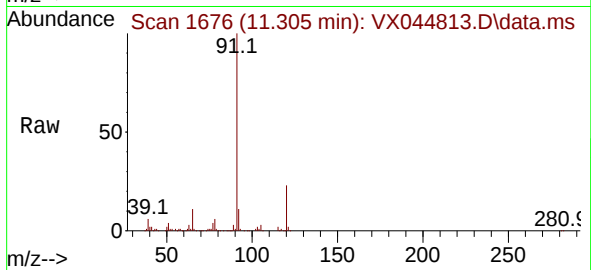
ClientSampleId :

Tgt Ion: 91 Resp: 86637

Ion Ratio Lower Upper

91 100

120 22.4 11.4 34.1



#79

2-Chlorotoluene

Concen: 9.051 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.018 min

Lab File: VX044813.D

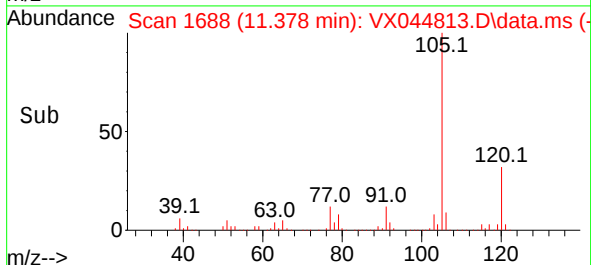
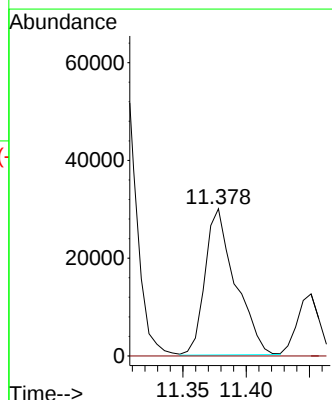
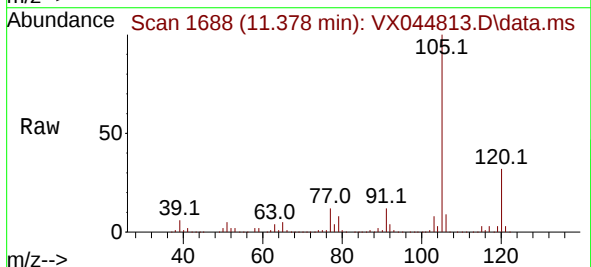
Acq: 03 Feb 2025 14:36

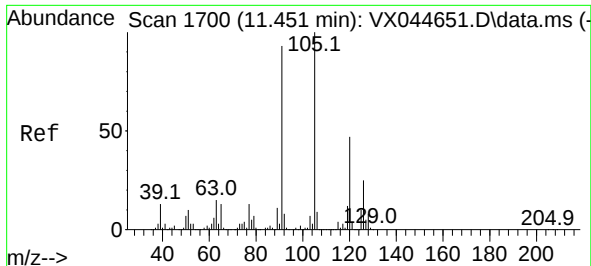
Tgt Ion: 91 Resp: 49952

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.5#

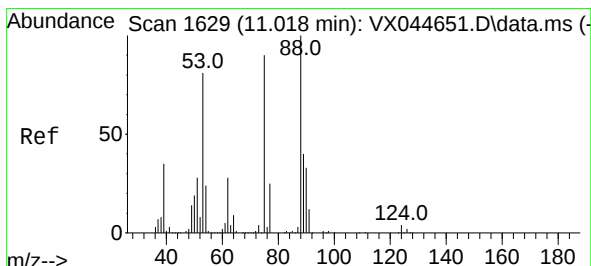
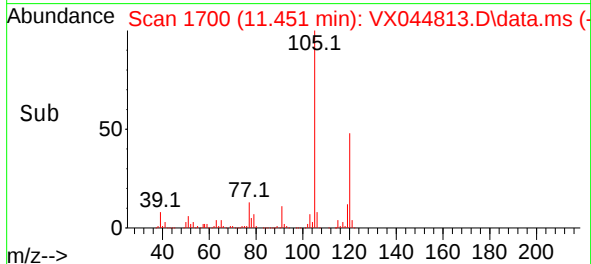
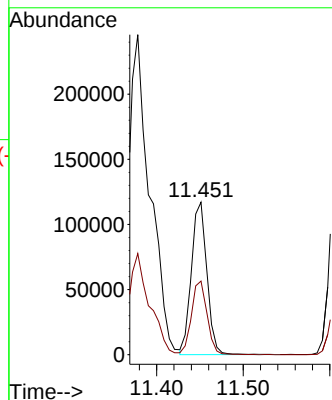
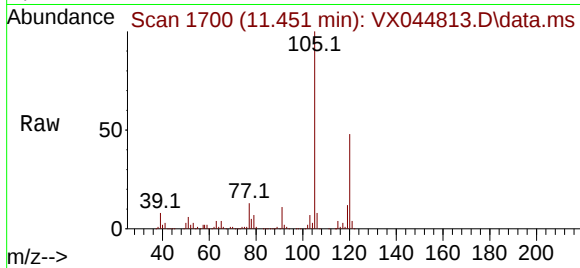




#80
1,3,5-Trimethylbenzene
Concen: 23.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

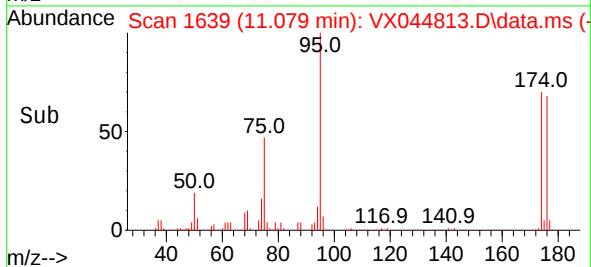
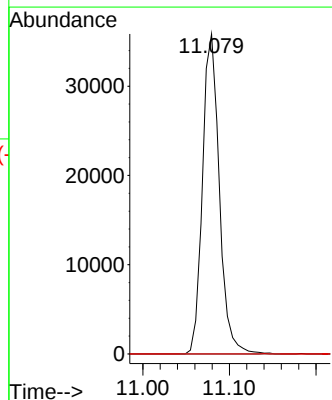
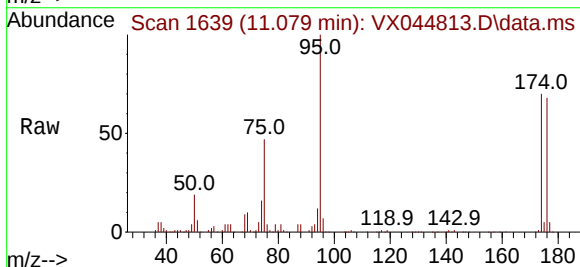
Instrument :
MSVOA_X
ClientSampleId :

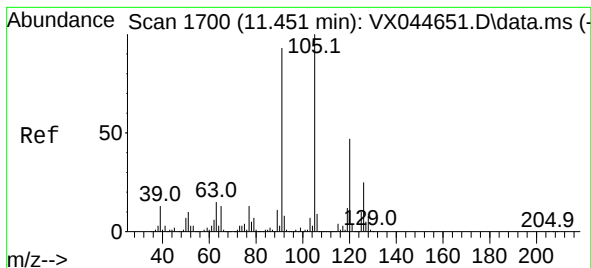
Tgt Ion:105 Resp: 145429
Ion Ratio Lower Upper
105 100
120 48.8 23.7 71.1



#81
trans-1,4-Dichloro-2-butene
Concen: 48.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 75 Resp: 48363
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

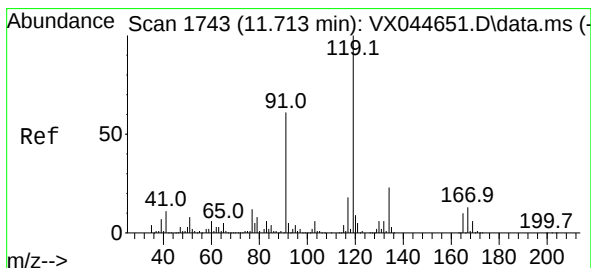
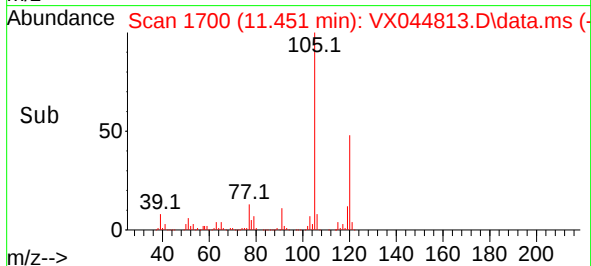
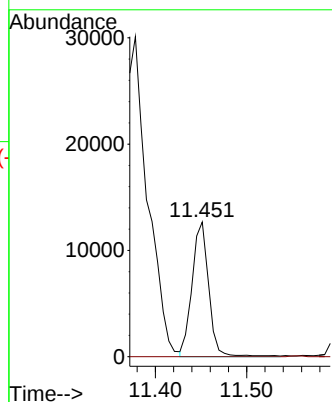
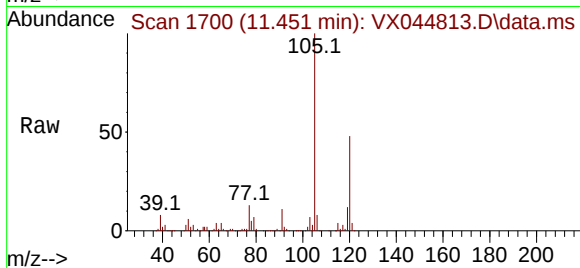




#82
4-Chlorotoluene
Concen: 2.666 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

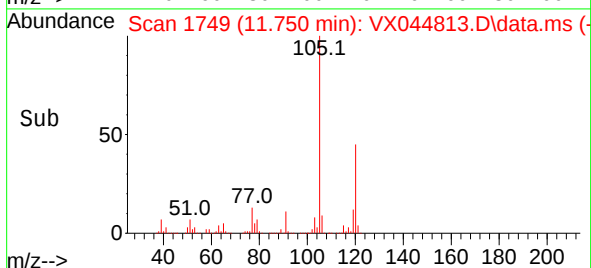
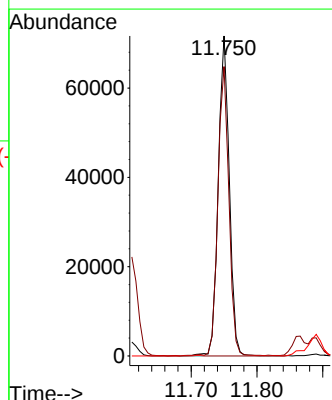
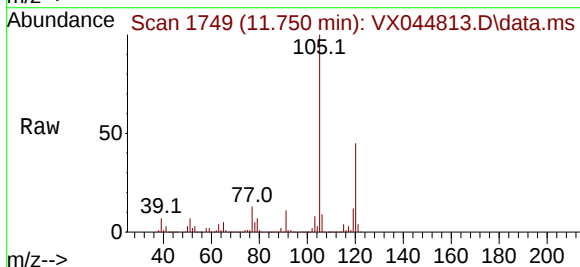
Instrument :
MSVOA_X
ClientSampleId :

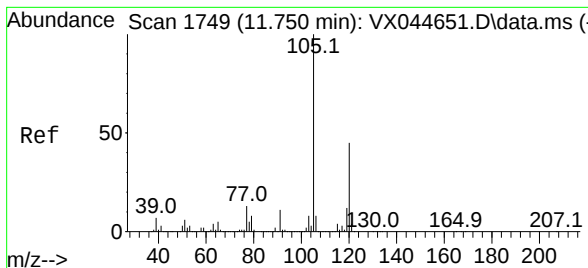
Tgt Ion: 91 Resp: 16116
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.7#



#83
tert-Butylbenzene
Concen: 12.671 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Tgt Ion: 119 Resp: 83563
Ion Ratio Lower Upper
119 100
91 90.6 30.0 90.0#
134 0.0 11.2 33.5#





#84

1,2,4-Trimethylbenzene

Concen: 110.217 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

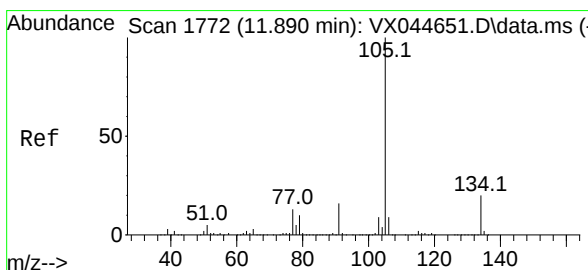
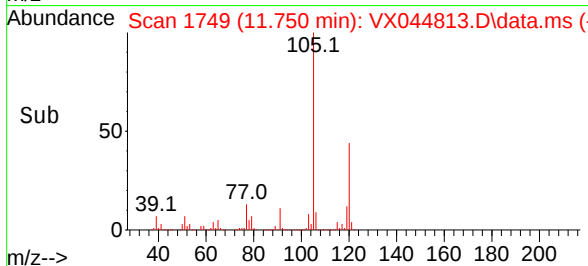
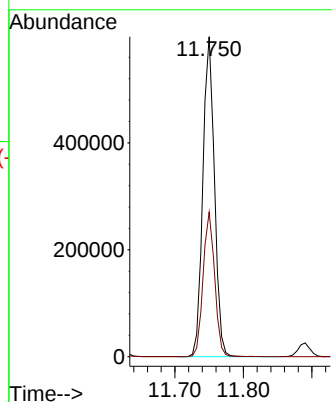
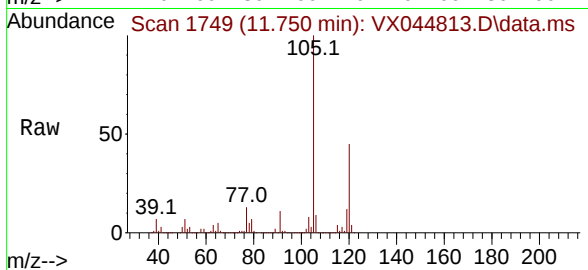
ClientSampleId :

Tgt Ion:105 Resp: 706395

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6



#85

sec-Butylbenzene

Concen: 4.060 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044813.D

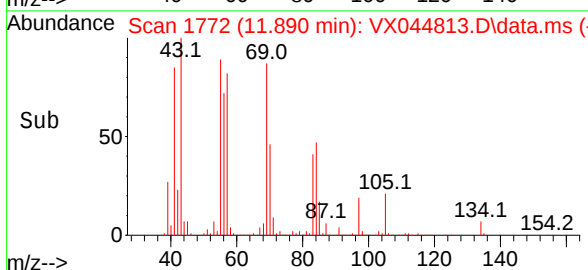
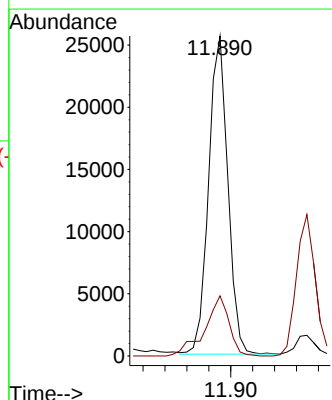
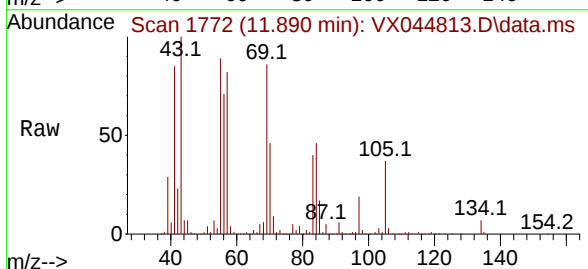
Acq: 03 Feb 2025 14:36

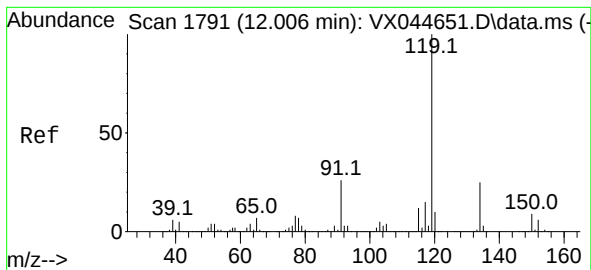
Tgt Ion:105 Resp: 31174

Ion Ratio Lower Upper

105 100

134 23.9 9.8 29.5





#86

p-Isopropyltoluene

Concen: 3.428 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

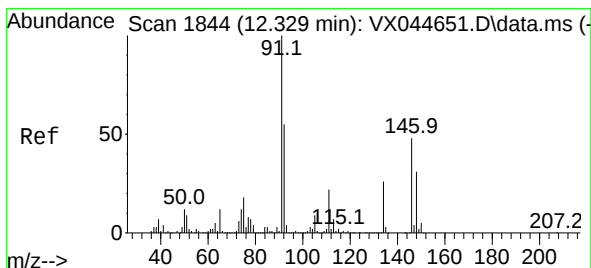
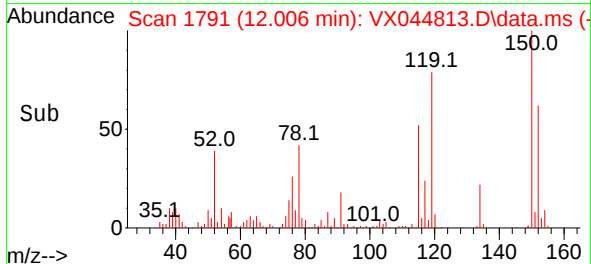
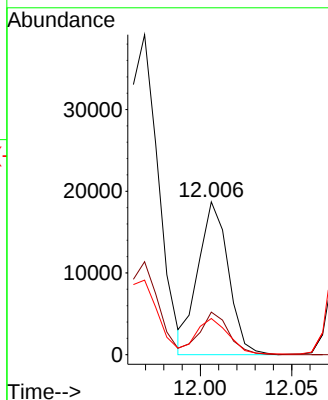
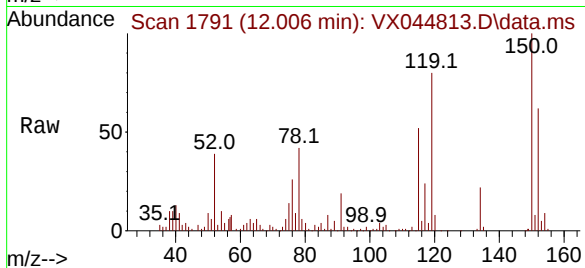
Tgt Ion:119 Resp: 21632

Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.4

91 24.4 12.7 38.1



#89

n-Butylbenzene

Concen: 10.649 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

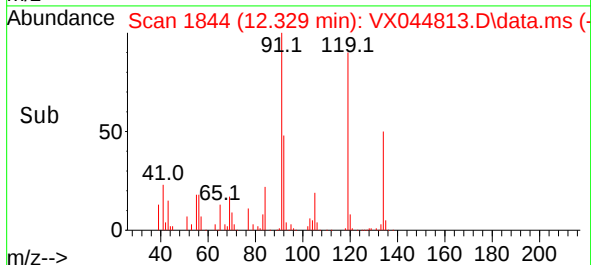
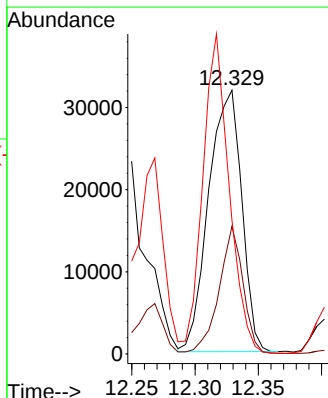
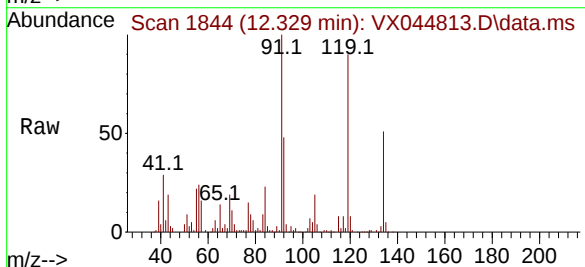
Tgt Ion: 91 Resp: 57718

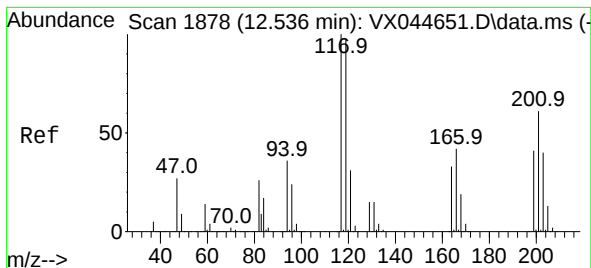
Ion Ratio Lower Upper

91 100

92 35.8 27.4 82.0

134 97.7 12.8 38.3#





#90

Hexachloroethane

Concen: 7.821 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

Instrument :

MSVOA_X

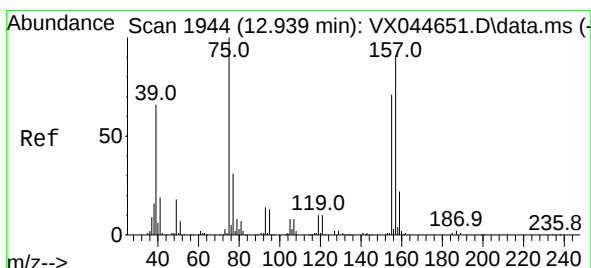
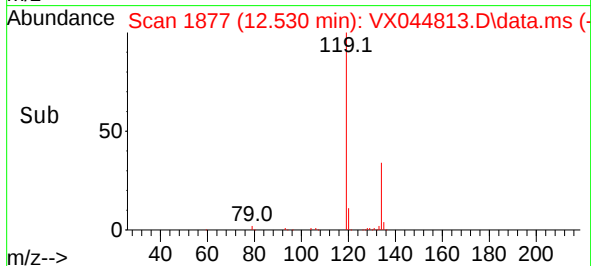
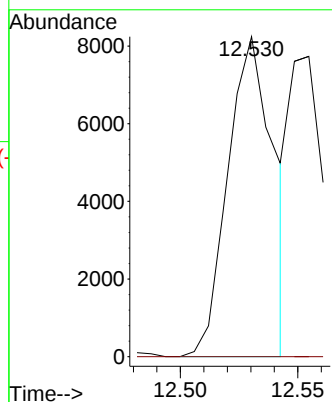
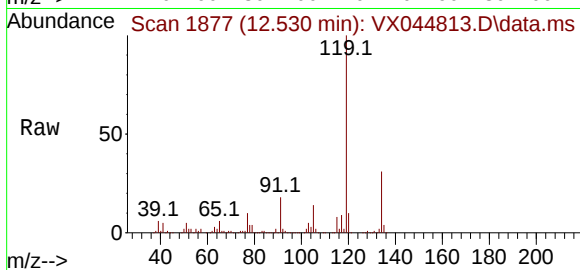
ClientSampleId :

Tgt Ion:117 Resp: 11176

Ion Ratio Lower Upper

117 100

201 0.0 32.3 96.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.063 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.018 min

Lab File: VX044813.D

Acq: 03 Feb 2025 14:36

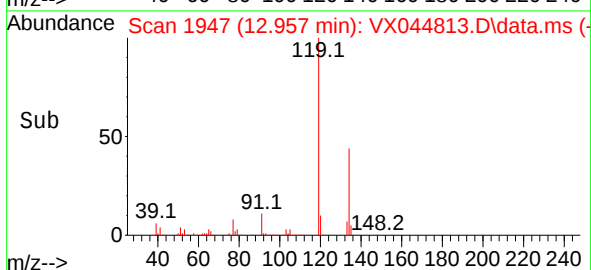
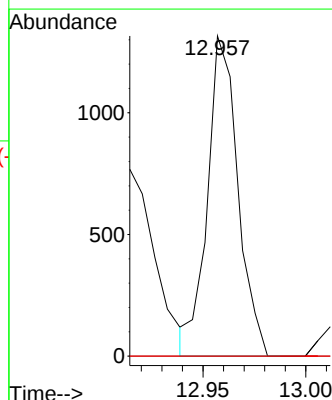
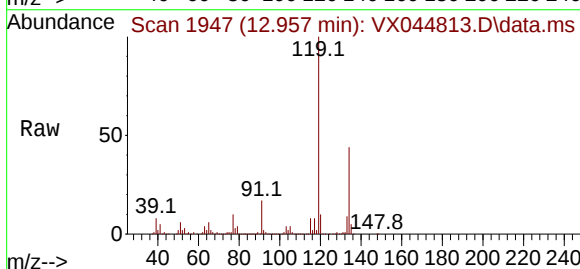
Tgt Ion: 75 Resp: 1350

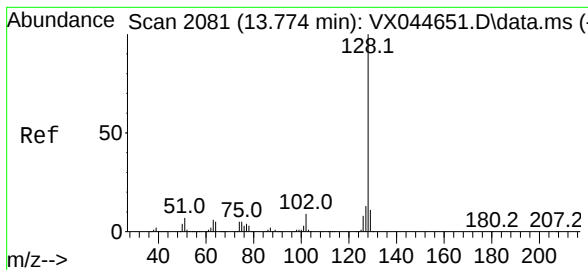
Ion Ratio Lower Upper

75 100

155 0.0 39.0 116.9#

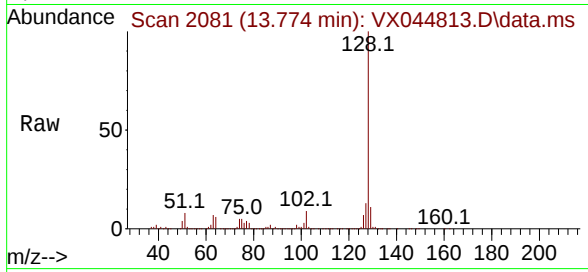
157 0.0 49.9 149.7#





#95
Naphthalene
Concen: 38.249 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044813.D
Acq: 03 Feb 2025 14:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 284427
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.7 13.1

