

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044216.D
 Acq On : 10 Dec 2024 18:20
 Operator : JC/MD
 Sample : P5220-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

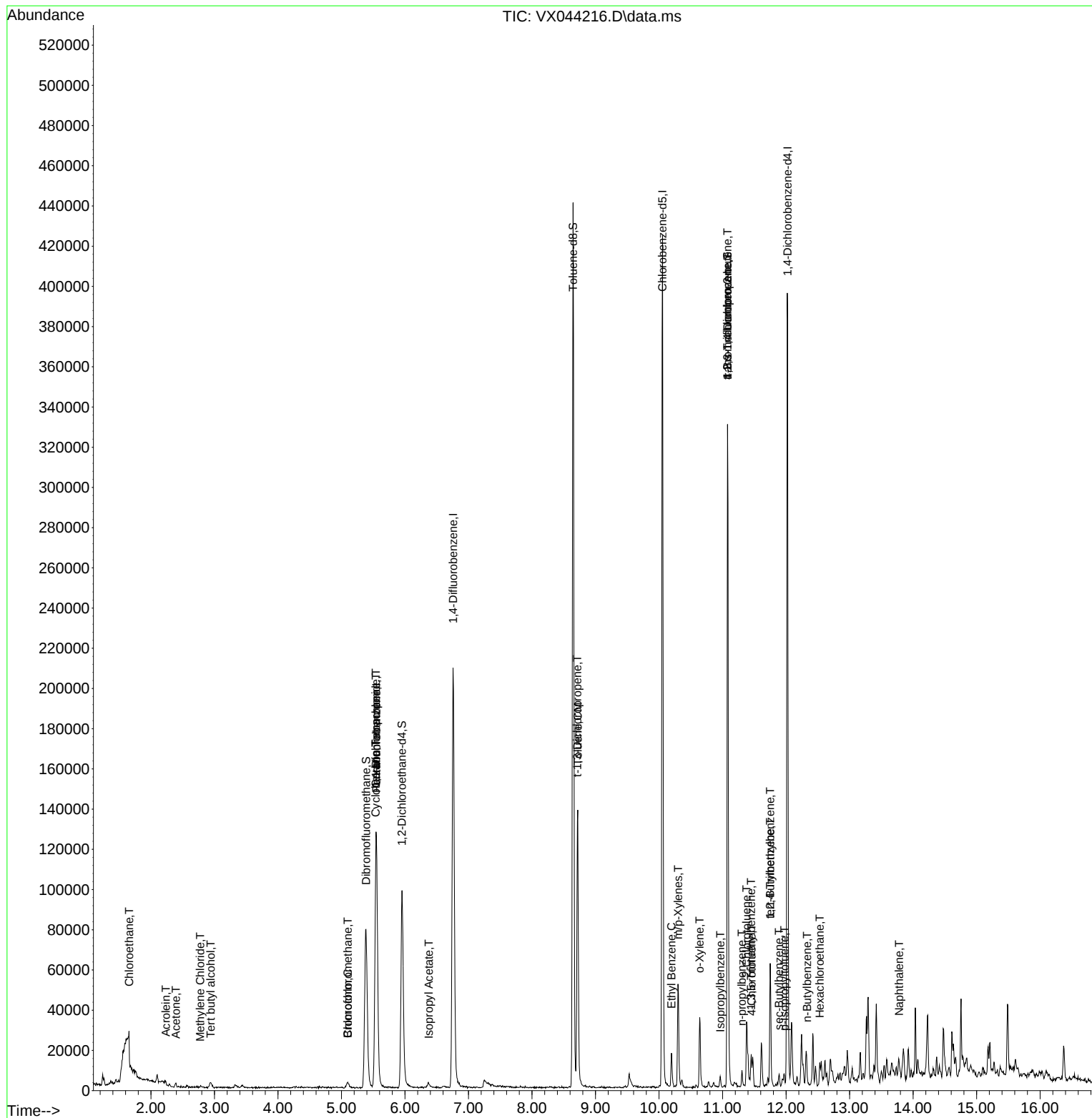
Internal Standards						
1) Pentafluorobenzene	5.550	168	107950	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	202303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95701	51.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.380%	
35) Dibromofluoromethane	5.385	113	68472	47.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	8.647	98	252061	50.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	85790	50.588	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.180%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	381	0.408	ug/l	98
11) Tert butyl alcohol	2.941	59	1417	4.768	ug/l #	73
13) Acrolein	2.233	56	165	0.527	ug/l #	4
16) Acetone	2.392	43	1813	2.132	ug/l #	77
20) Methylene Chloride	2.776	84	384	0.266	ug/l #	48
28) Bromochloromethane	5.099	49	233	0.211	ug/l #	15
30) Chloroform	5.099	83	2493	0.924	ug/l #	77
31) Cyclohexane	5.538	56	3359	1.628	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	10680	5.929	ug/l #	47
38) Carbon Tetrachloride	5.544	117	12923	6.385	ug/l #	18
43) Isopropyl Acetate	6.373	43	936	0.263	ug/l #	63
52) Toluene	8.720	92	51217	15.250	ug/l	99
53) t-1,3-Dichloropropene	8.714	75	778	0.391	ug/l #	1
67) Ethyl Benzene	10.195	91	9520	1.440	ug/l #	89
68) m/p-Xylenes	10.299	106	11910	4.831	ug/l	94
69) o-Xylene	10.640	106	7701	3.199	ug/l	93
73) Isopropylbenzene	10.963	105	2555	0.431	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	48054	28.382	ug/l #	34
78) n-propylbenzene	11.305	91	5657	0.853	ug/l	94
79) 2-Chlorotoluene	11.378	91	3421	0.816	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	6744	1.381	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	48054	77.449	ug/l #	6
82) 4-Chlorotoluene	11.457	91	1146	0.242	ug/l #	46
83) tert-Butylbenzene	11.750	119	3021	0.624	ug/l #	42
84) 1,2,4-Trimethylbenzene	11.750	105	28257	5.813	ug/l	95
85) sec-Butylbenzene	11.890	105	2389	0.403	ug/l	95
86) p-Isopropyltoluene	11.976	119	2757	0.572	ug/l	97
89) n-Butylbenzene	12.329	91	2698	0.635	ug/l #	46
90) Hexachloroethane	12.530	117	613	0.748	ug/l #	18
95) Naphthalene	13.780	128	5672	1.027	ug/l	97

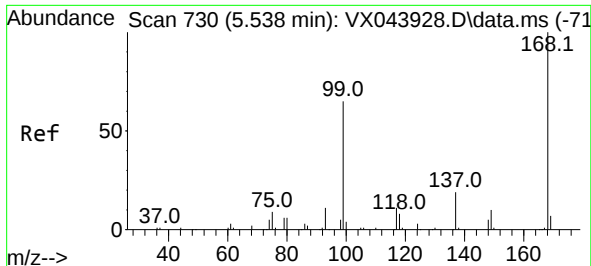
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044216.D
Acq On : 10 Dec 2024 18:20
Operator : JC/MD
Sample : P5220-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 11 01:40:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

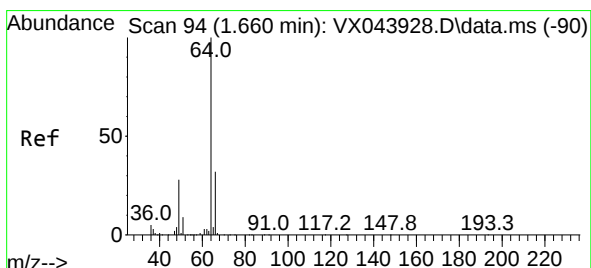
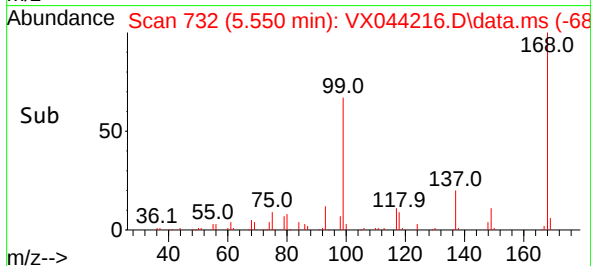
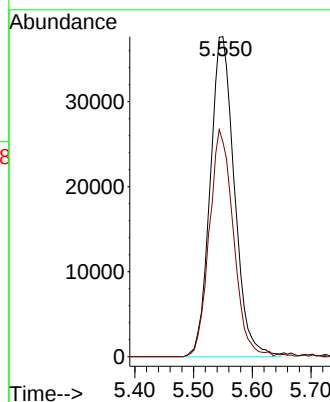
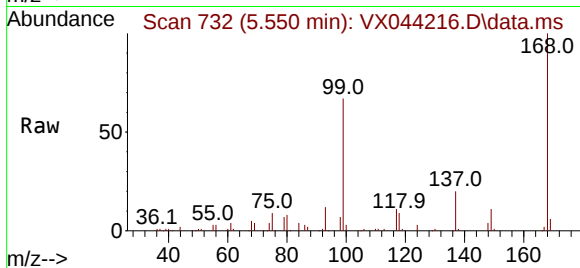
ClientSampleId :

Tgt Ion:168 Resp: 107950

Ion Ratio Lower Upper

168 100

99 67.1 51.8 77.8



#6

Chloroethane

Concen: 0.408 ug/l

RT: 1.654 min Scan# 93

Delta R.T. -0.006 min

Lab File: VX044216.D

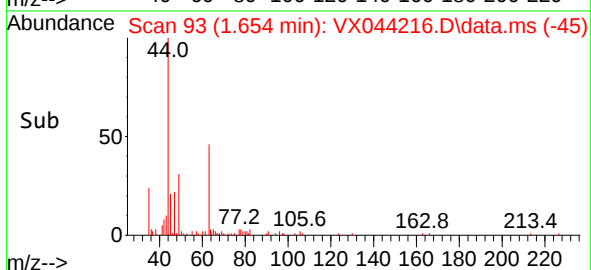
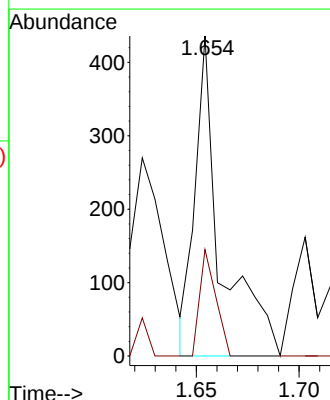
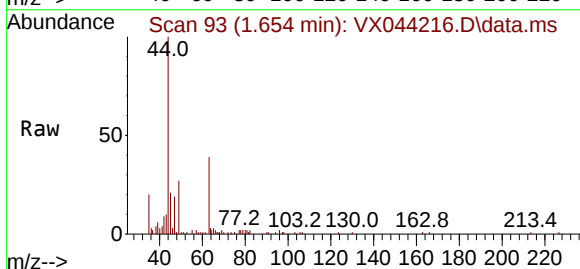
Acq: 10 Dec 2024 18:20

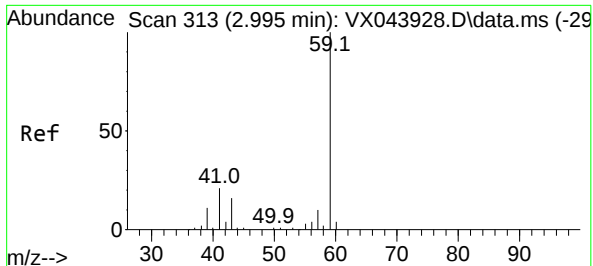
Tgt Ion: 64 Resp: 381

Ion Ratio Lower Upper

64 100

66 33.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 4.768 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

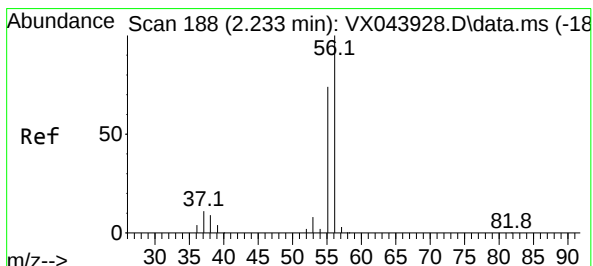
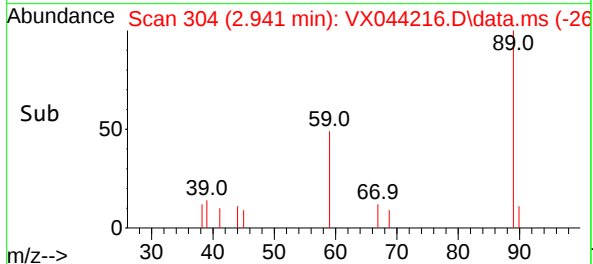
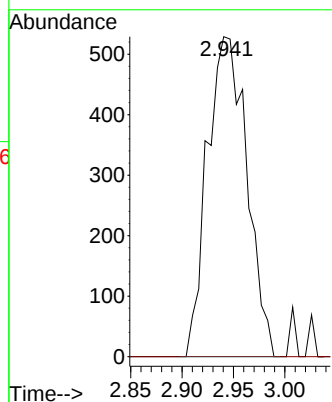
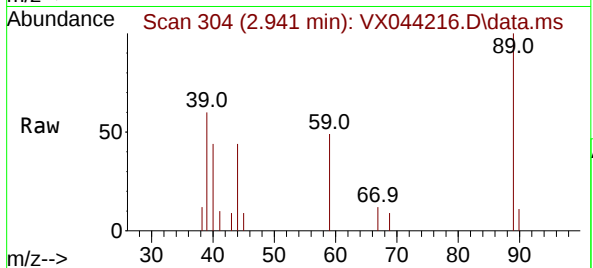
ClientSampleId :

Tgt Ion: 59 Resp: 1417

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#13

Acrolein

Concen: 0.527 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044216.D

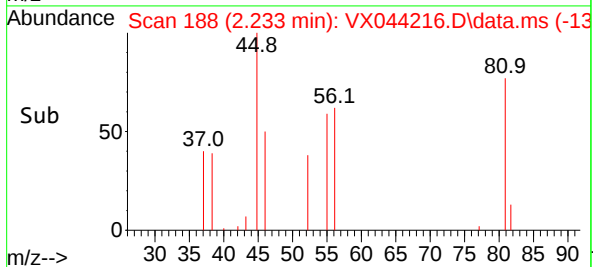
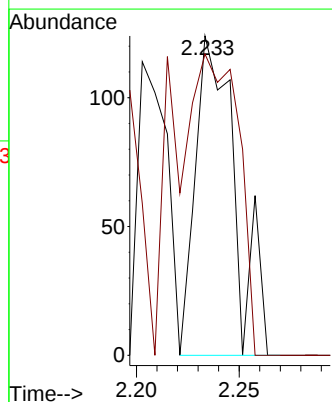
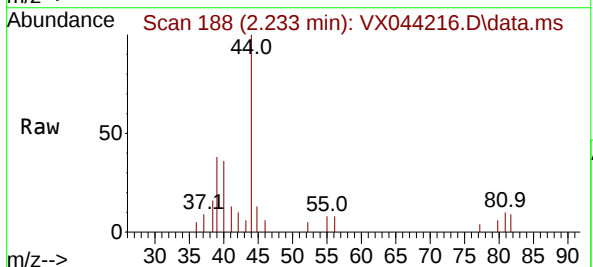
Acq: 10 Dec 2024 18:20

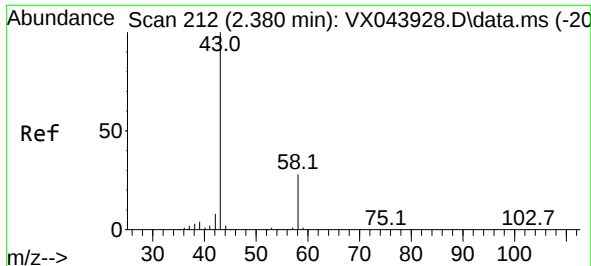
Tgt Ion: 56 Resp: 165

Ion Ratio Lower Upper

56 100

55 153.3 58.2 87.2#

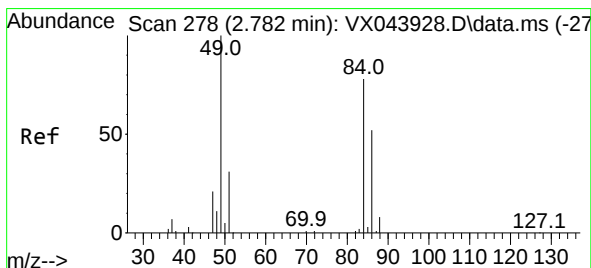
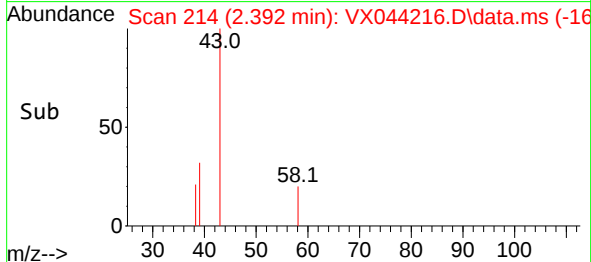
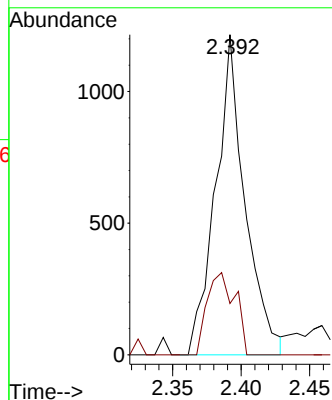
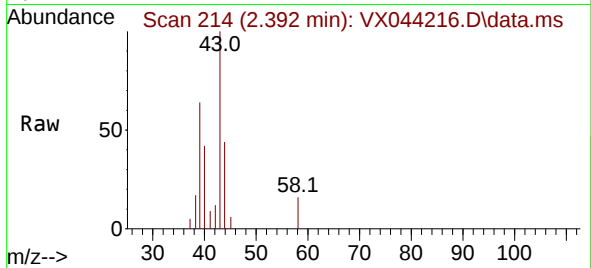




#16
Acetone
Concen: 2.132 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

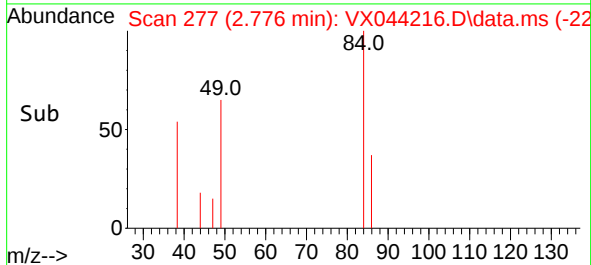
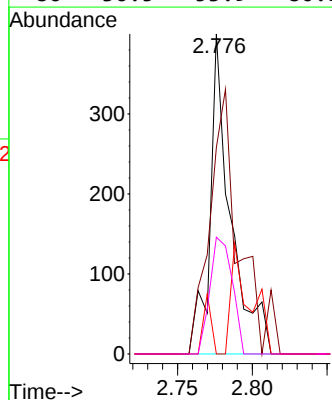
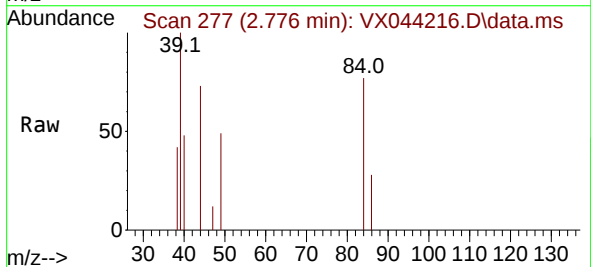
Instrument :
MSVOA_X
ClientSampleId :

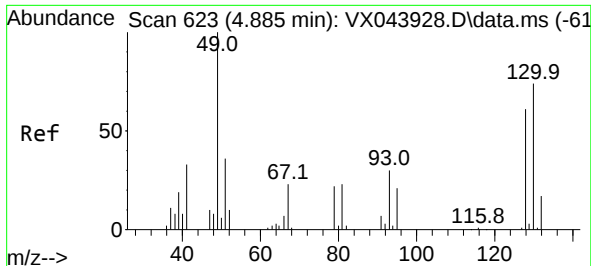
Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 16.0 22.7 34.1#



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion: 84 Resp: 384
Ion Ratio Lower Upper
84 100
49 64.5 102.7 154.1#
51 0.0 31.7 47.5#
86 36.5 53.9 80.9#





#28

Bromochloromethane

Concen: 0.211 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.213 min

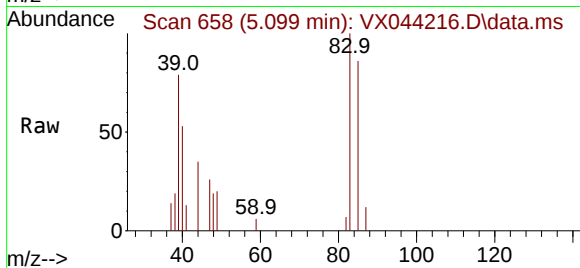
Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :



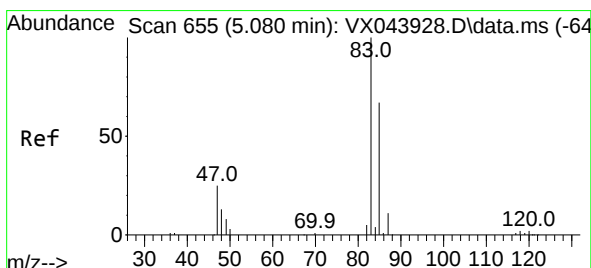
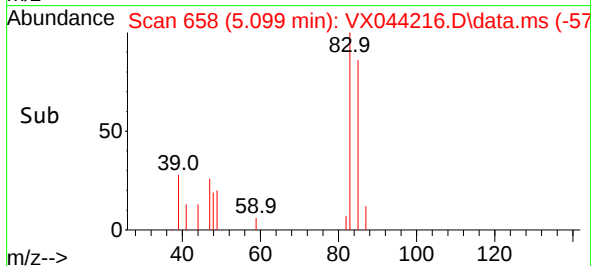
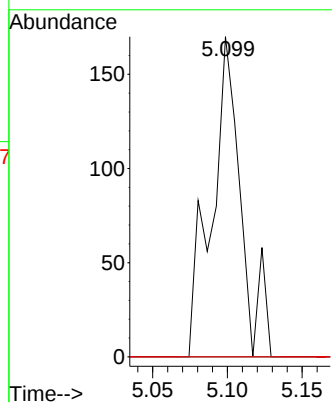
Tgt Ion: 49 Resp: 233

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 59.0 88.6#



#30

Chloroform

Concen: 0.924 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.018 min

Lab File: VX044216.D

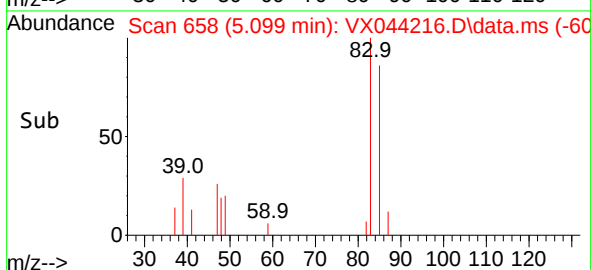
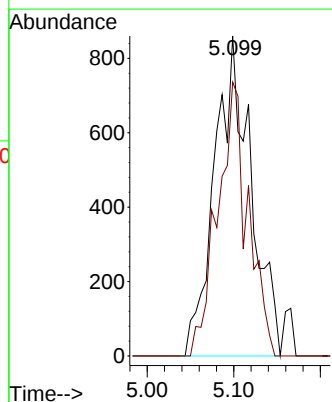
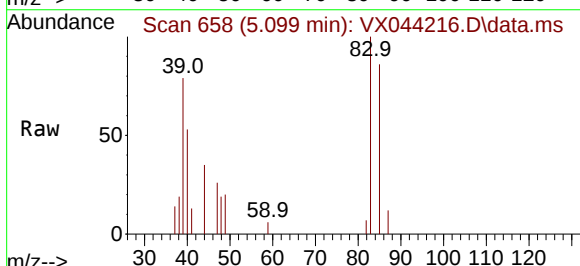
Acq: 10 Dec 2024 18:20

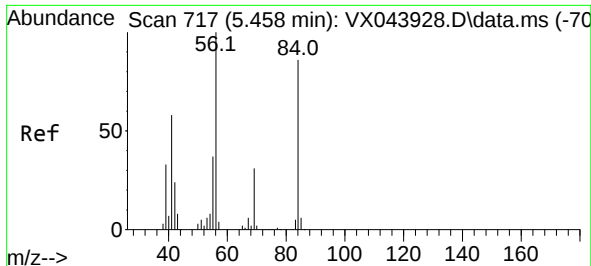
Tgt Ion: 83 Resp: 2493

Ion Ratio Lower Upper

83 100

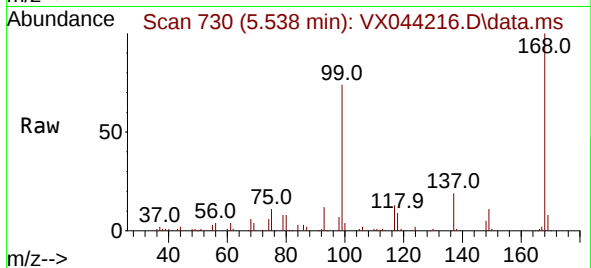
85 85.6 53.5 80.3#



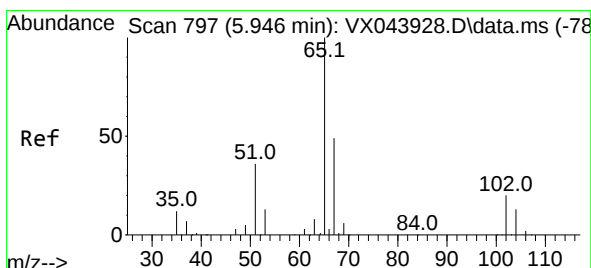
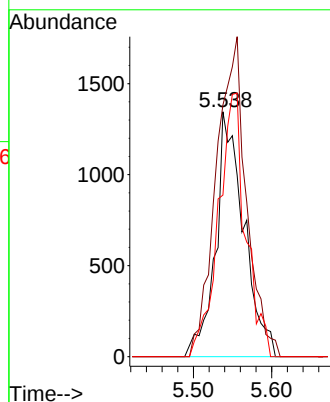
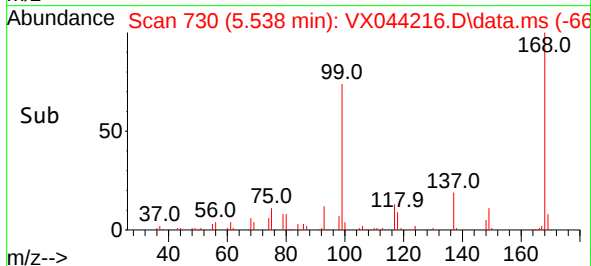


#31
Cyclohexane
Concen: 1.628 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Instrument :
MSVOA_X
ClientSampleId :

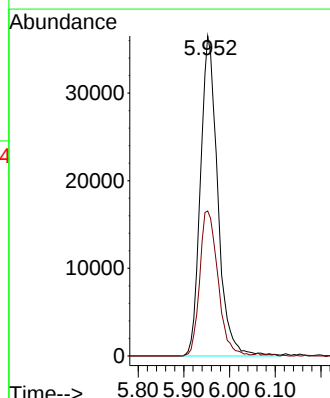
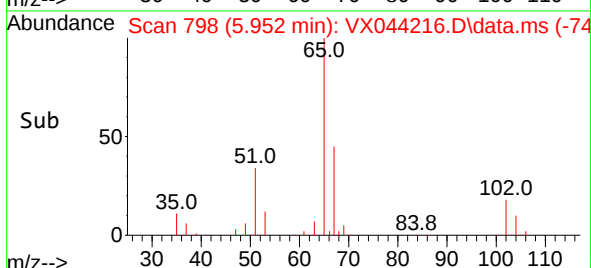
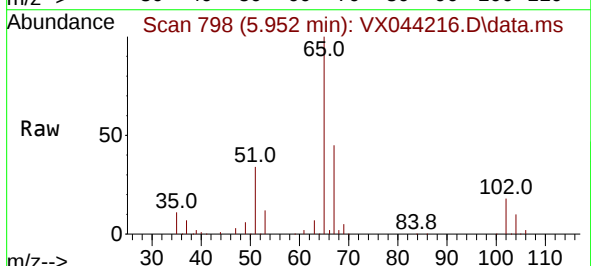


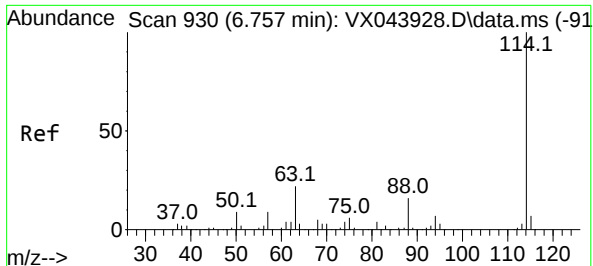
Tgt Ion: 56 Resp: 3359
Ion Ratio Lower Upper
56 100
69 102.7 24.7 37.1#
84 66.0 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 51.688 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion: 65 Resp: 95701
Ion Ratio Lower Upper
65 100
67 47.8 0.0 100.8

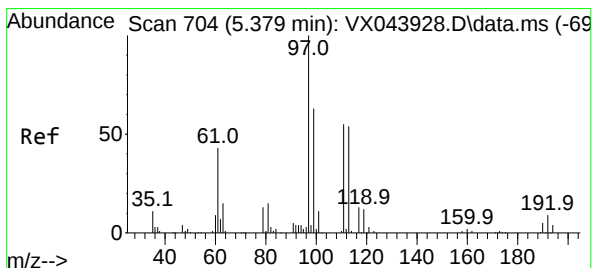
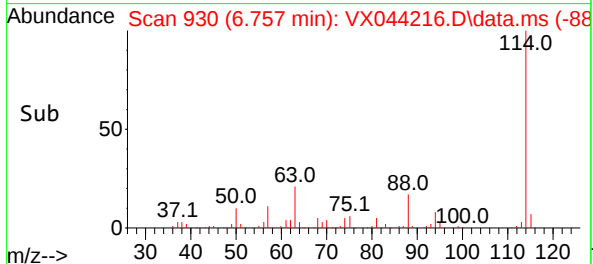
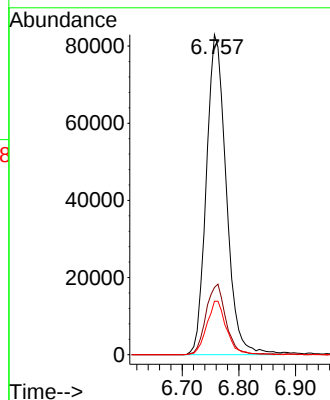
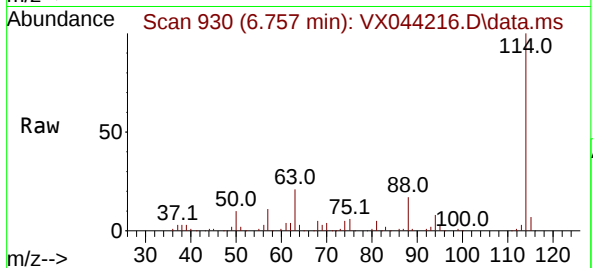




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

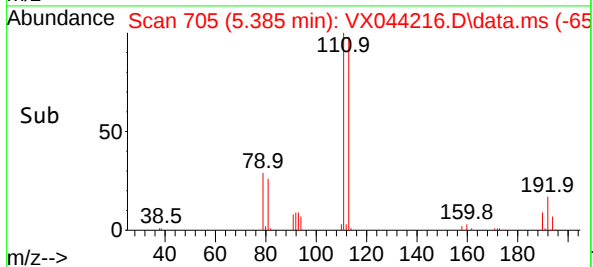
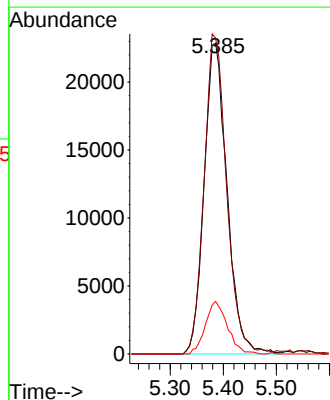
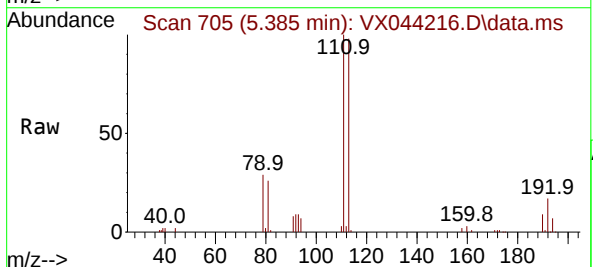
Instrument :
MSVOA_X
ClientSampleId :

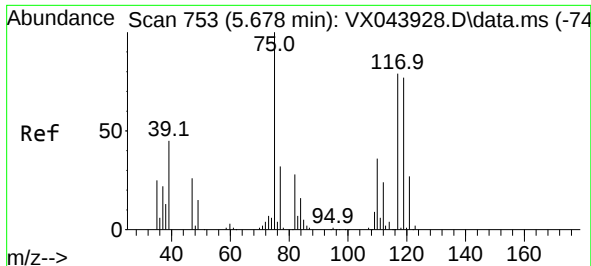
Tgt Ion:114 Resp: 202303
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.367 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion:113 Resp: 68472
Ion Ratio Lower Upper
113 100
111 101.4 81.0 121.4
192 16.3 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.929 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

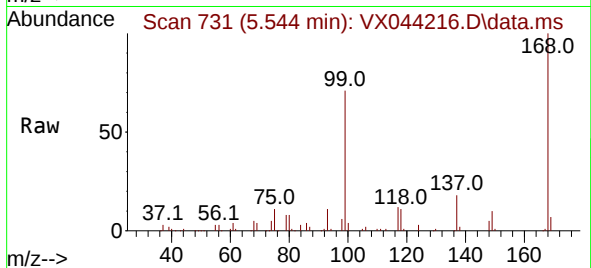
Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :



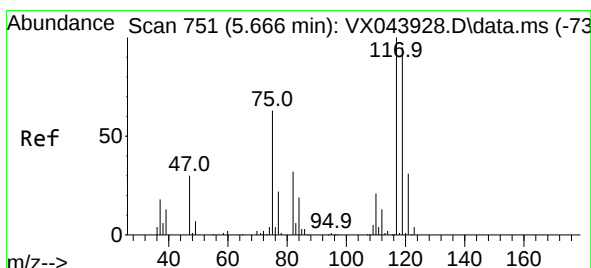
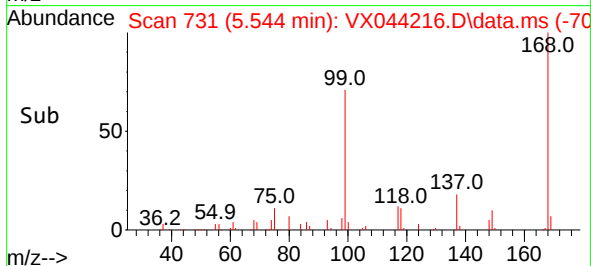
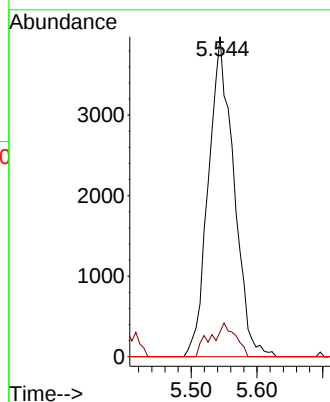
Tgt Ion: 75 Resp: 10680

Ion Ratio Lower Upper

75 100

110 6.5 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.385 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

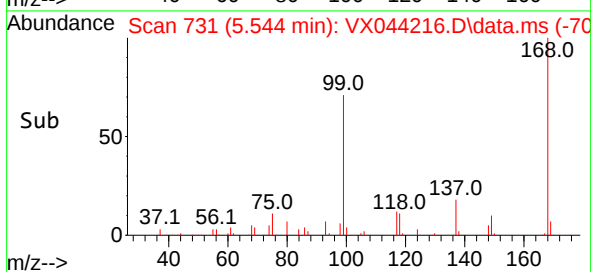
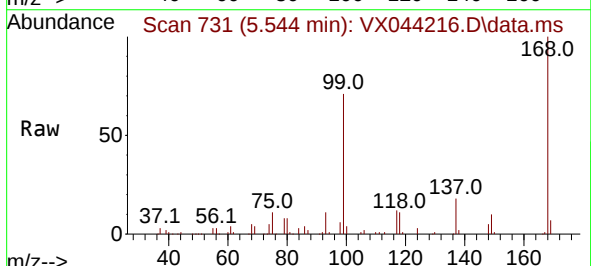
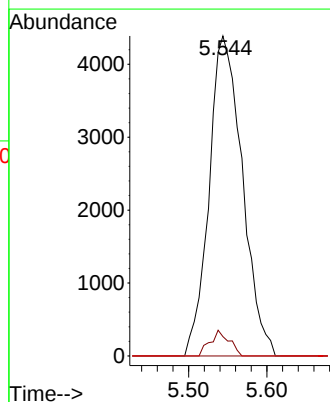
Tgt Ion: 117 Resp: 12923

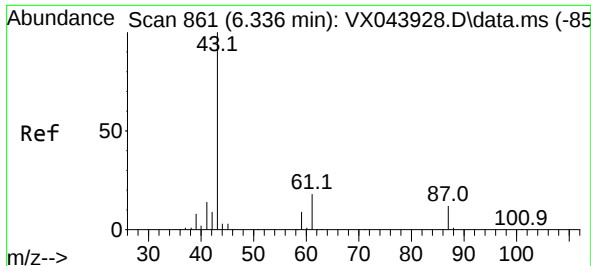
Ion Ratio Lower Upper

117 100

119 6.1 75.2 112.8#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.263 ug/l

RT: 6.373 min Scan# 8

Delta R.T. 0.036 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

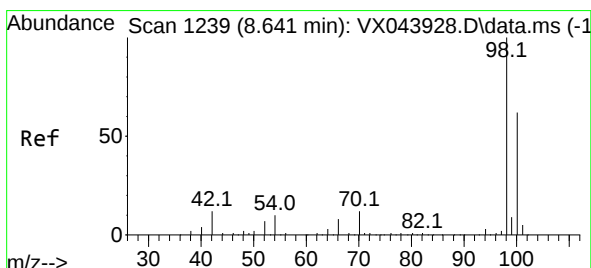
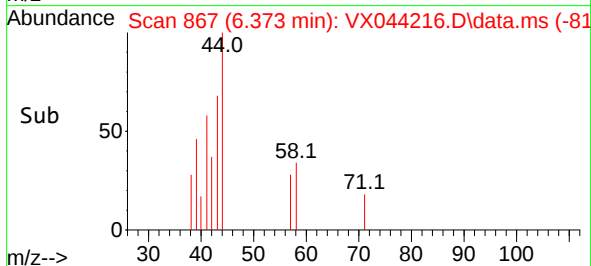
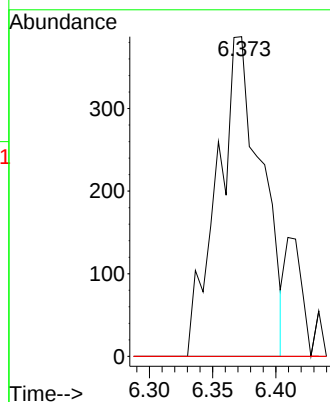
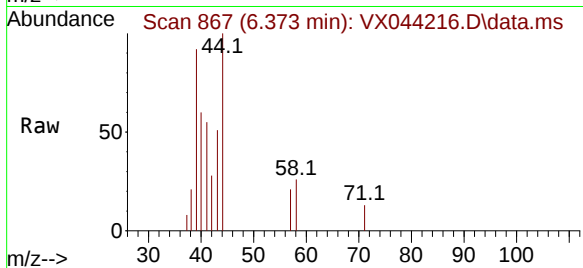
Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

43 100

61 0.0 14.5 21.7#

87 0.0 10.2 15.2#



#50

Toluene-d8

Concen: 50.584 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044216.D

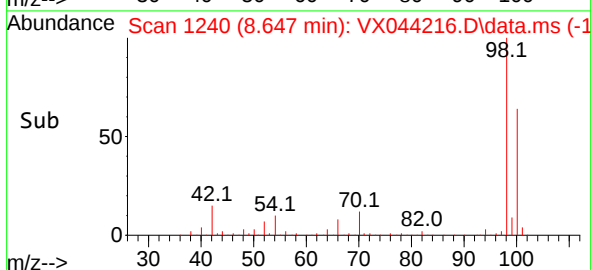
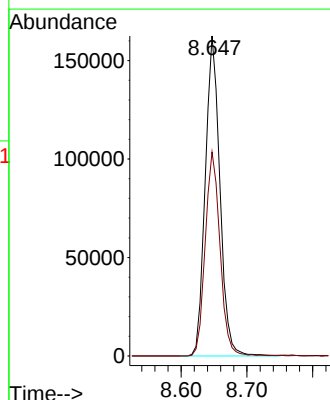
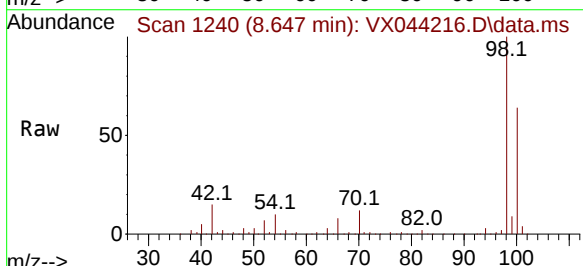
Acq: 10 Dec 2024 18:20

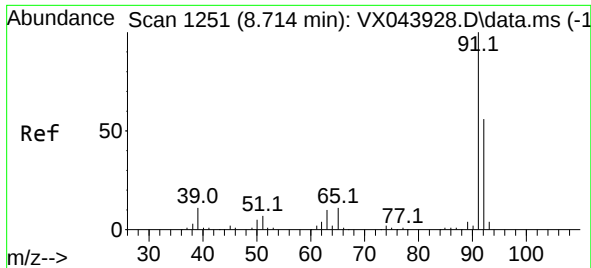
Tgt Ion: 98 Resp: 252061

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0





#52

Toluene

Concen: 15.250 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

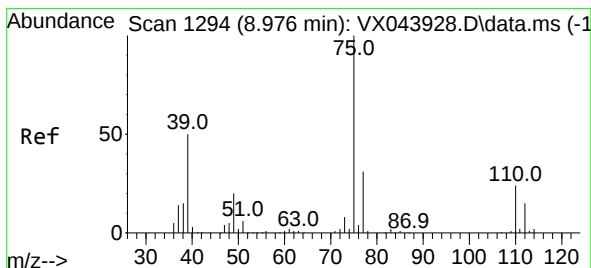
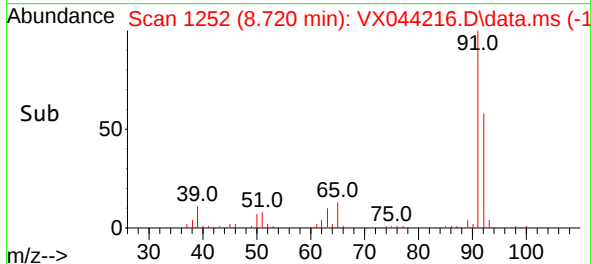
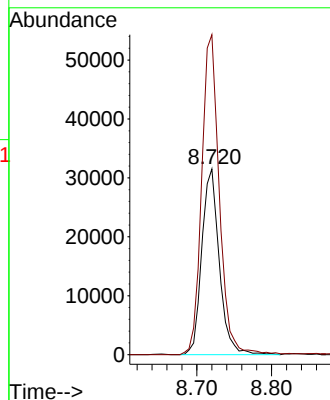
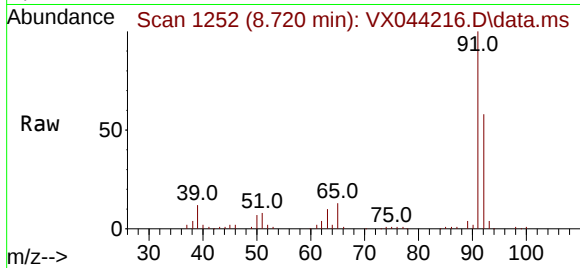
ClientSampleId :

Tgt Ion: 92 Resp: 51217

Ion Ratio Lower Upper

92 100

91 173.9 139.7 209.5



#53

t-1,3-Dichloropropene

Concen: 0.391 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.262 min

Lab File: VX044216.D

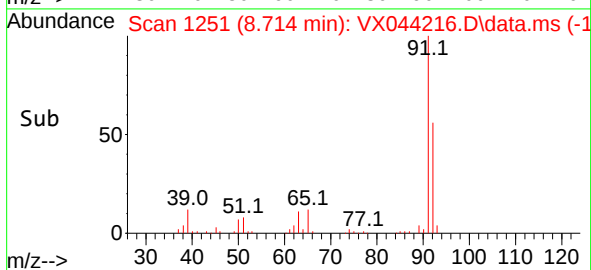
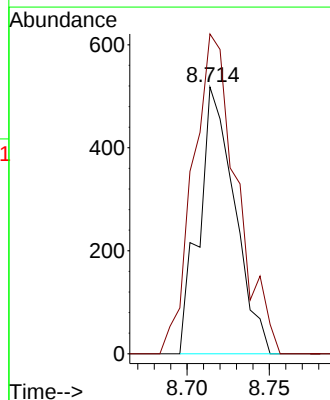
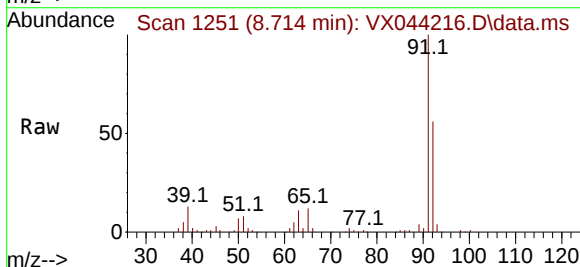
Acq: 10 Dec 2024 18:20

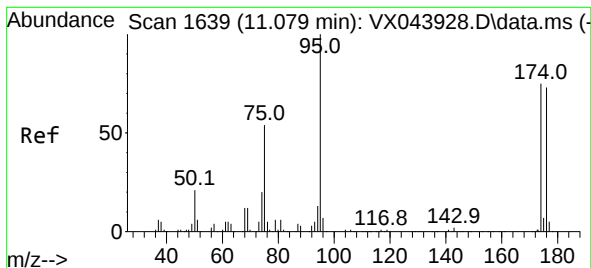
Tgt Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

77 119.9 25.1 37.7#

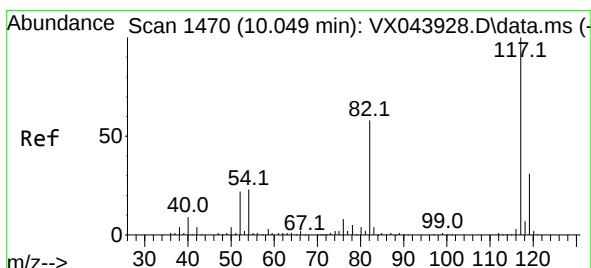
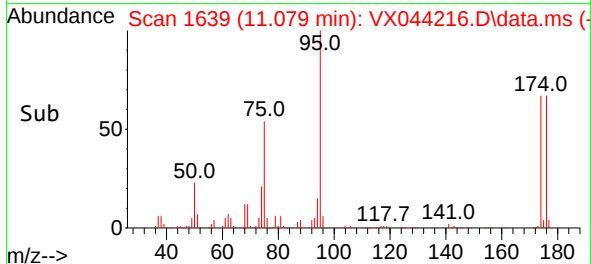
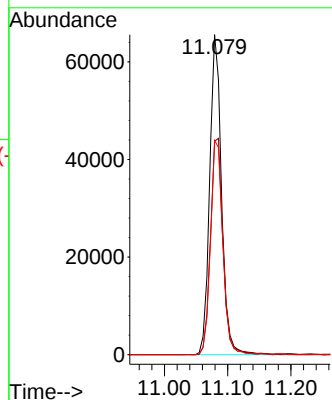
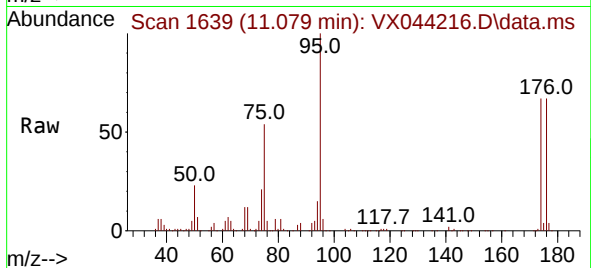




#62
4-Bromofluorobenzene
Concen: 50.588 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

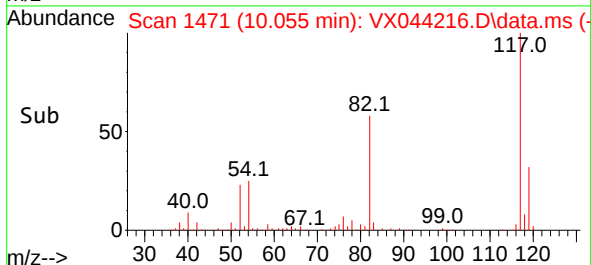
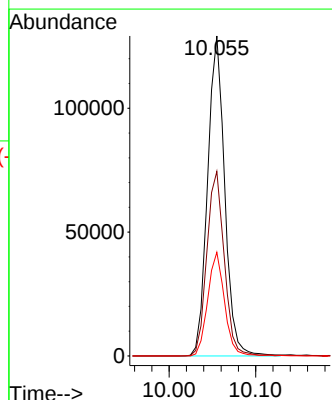
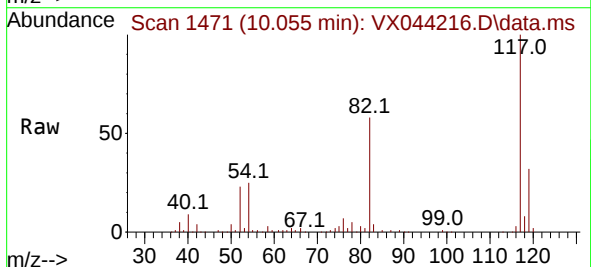
Instrument :
MSVOA_X
ClientSampleId :

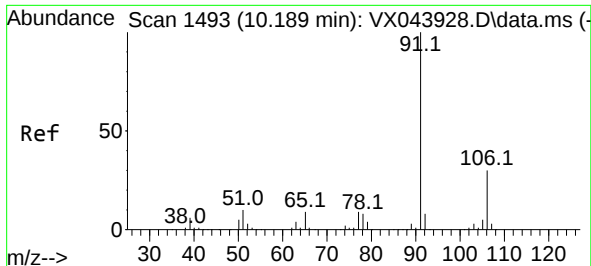
Tgt Ion: 95 Resp: 85790
Ion Ratio Lower Upper
95 100
174 71.1 0.0 150.4
176 69.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion: 117 Resp: 177635
Ion Ratio Lower Upper
117 100
82 57.7 46.4 69.6
119 32.4 24.6 37.0





#67

Ethyl Benzene

Concen: 1.440 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

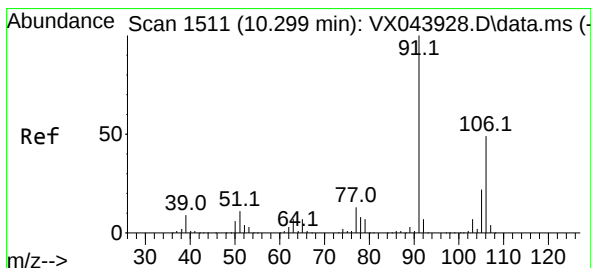
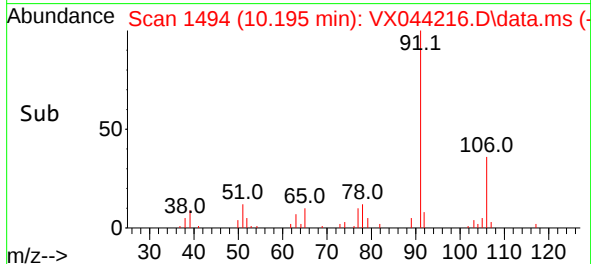
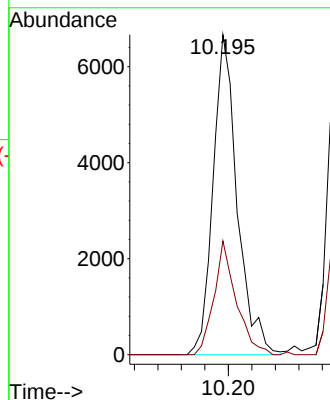
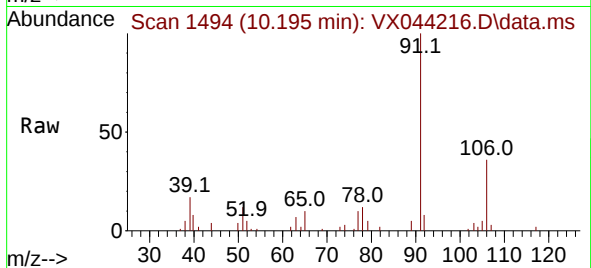
ClientSampleId :

Tgt Ion: 91 Resp: 9520

Ion Ratio Lower Upper

91 100

106 35.5 23.6 35.4#



#68

m/p-Xylenes

Concen: 4.831 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044216.D

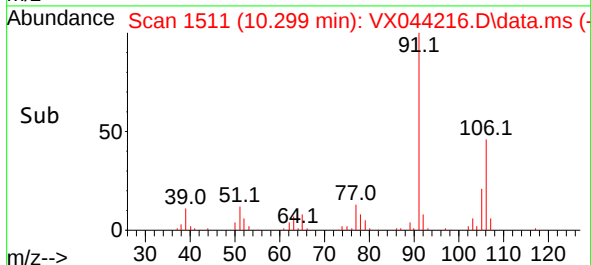
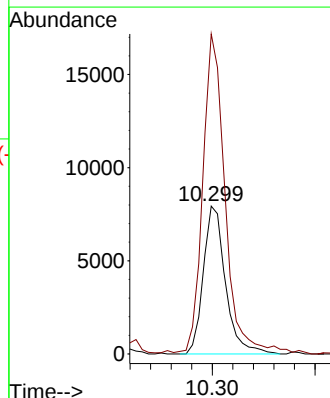
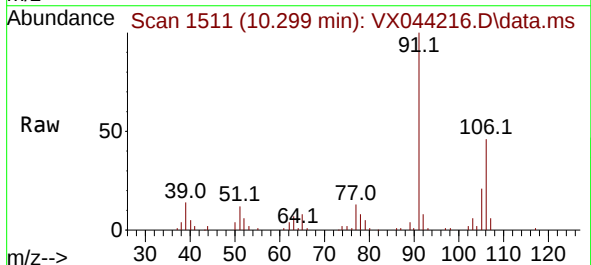
Acq: 10 Dec 2024 18:20

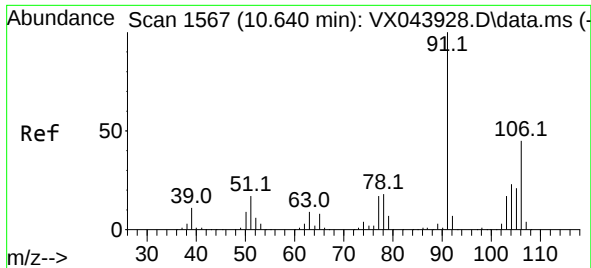
Tgt Ion:106 Resp: 11910

Ion Ratio Lower Upper

106 100

91 218.9 168.1 252.1

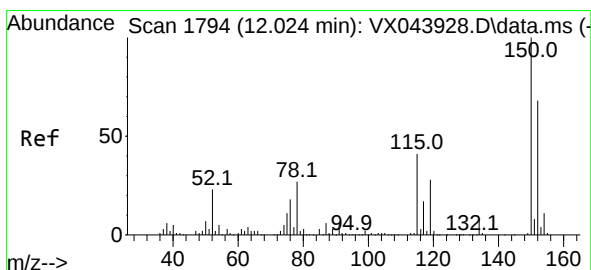
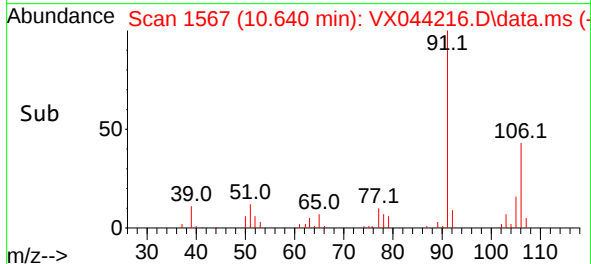
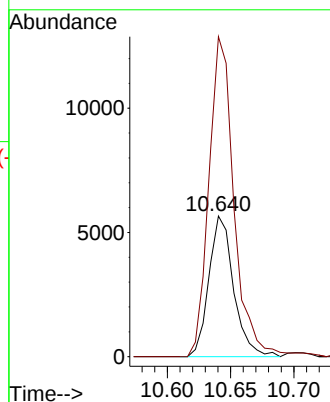
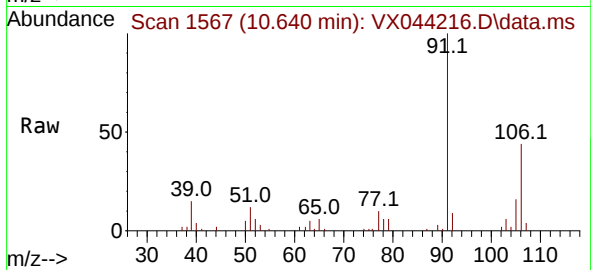




#69
o-Xylene
Concen: 3.199 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

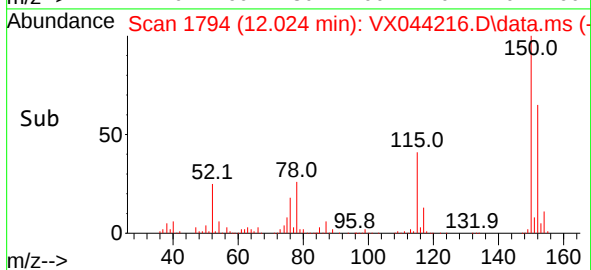
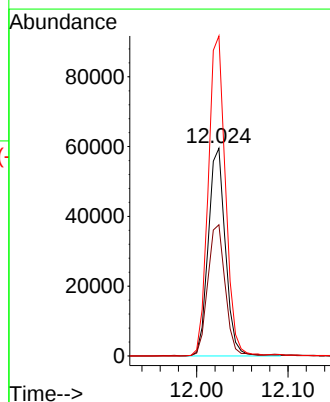
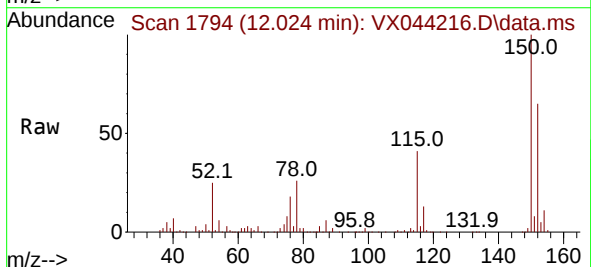
Instrument :
MSVOA_X
ClientSampleId :

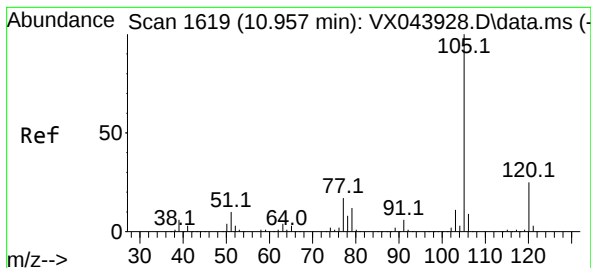
Tgt Ion:106 Resp: 7701
Ion Ratio Lower Upper
106 100
91 232.0 110.2 330.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion:152 Resp: 77205
Ion Ratio Lower Upper
152 100
115 64.1 45.4 136.2
150 156.2 0.0 353.0





#73

Isopropylbenzene

Concen: 0.431 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

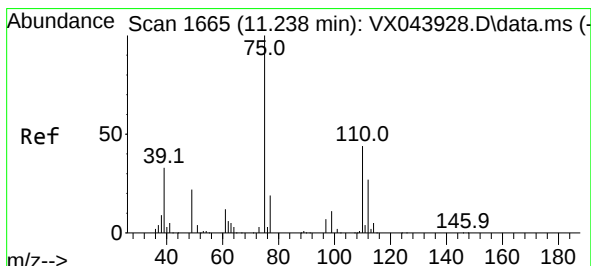
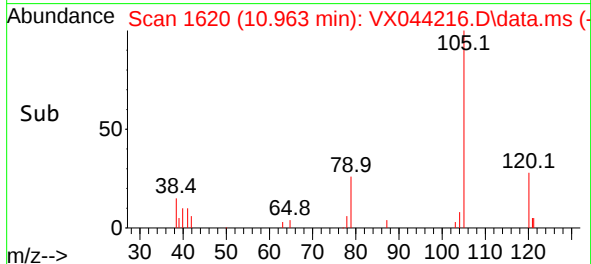
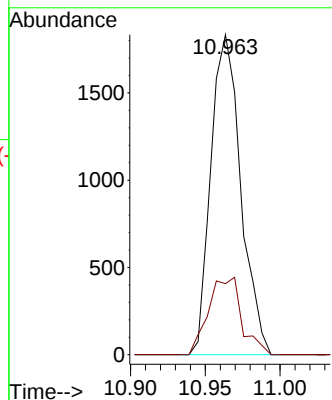
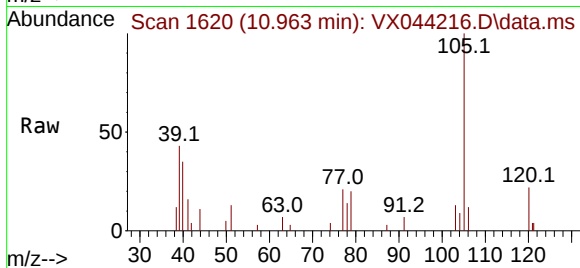
ClientSampleId :

Tgt Ion:105 Resp: 2555

Ion Ratio Lower Upper

105 100

120 26.8 13.0 38.9



#76

1,2,3-Trichloropropane

Concen: 28.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044216.D

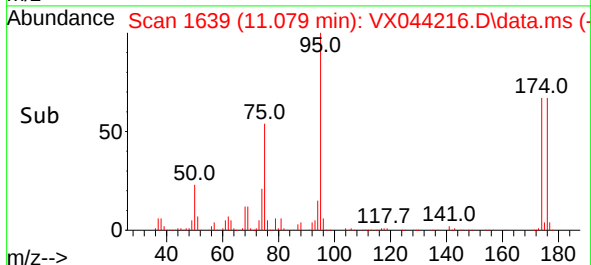
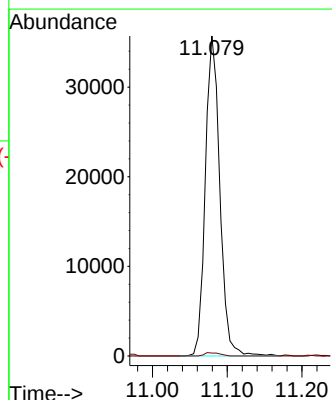
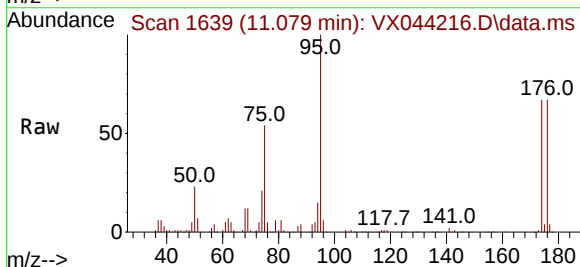
Acq: 10 Dec 2024 18:20

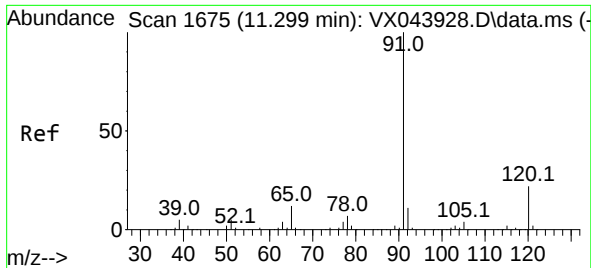
Tgt Ion: 75 Resp: 48054

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#

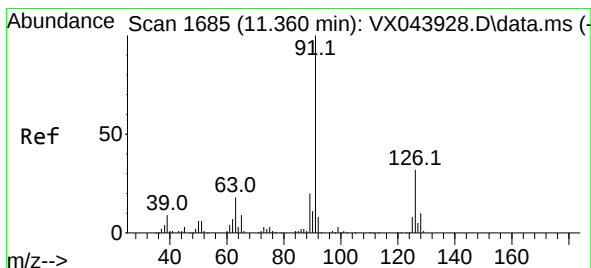
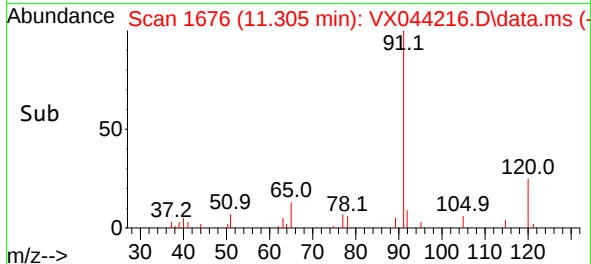
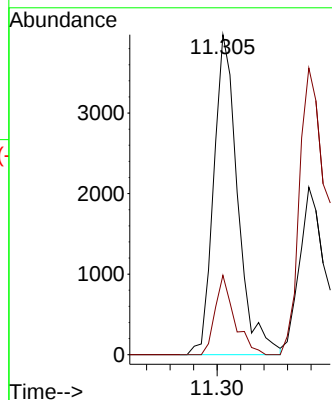
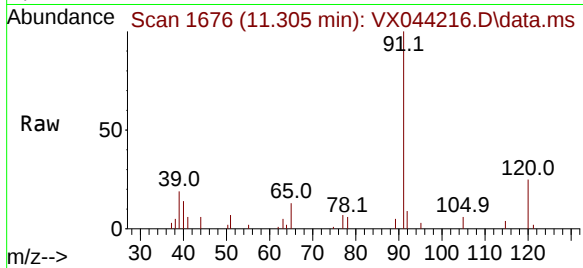




#78
n-propylbenzene
Concen: 0.853 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

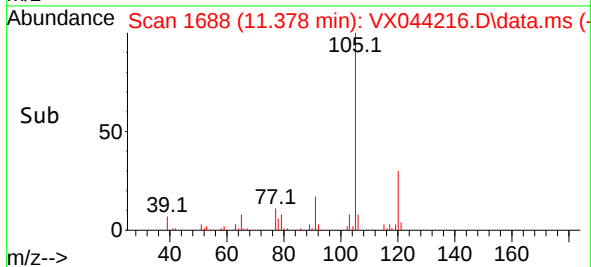
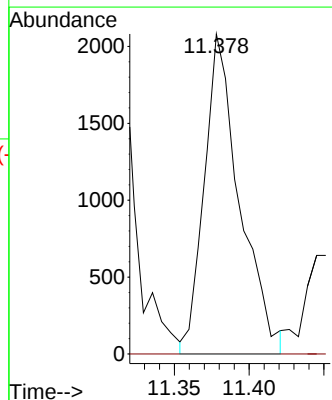
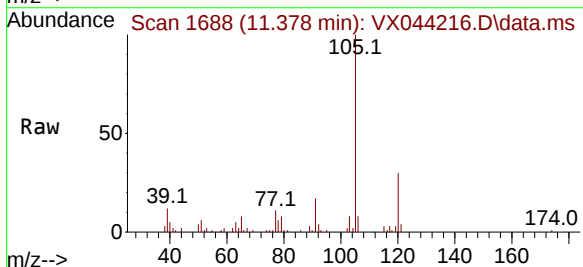
Instrument :
MSVOA_X
ClientSampleId :

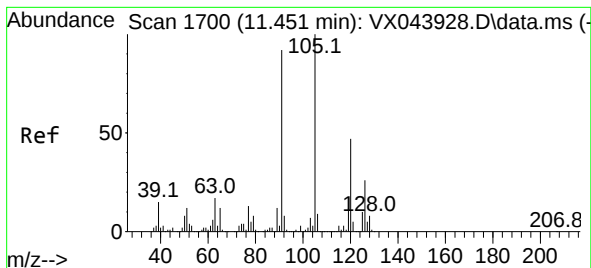
Tgt Ion: 91 Resp: 5657
Ion Ratio Lower Upper
91 100
120 20.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.816 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion: 91 Resp: 3421
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 1.381 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

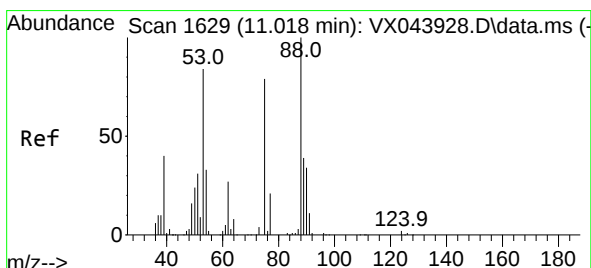
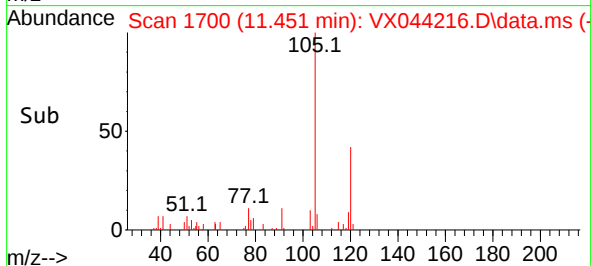
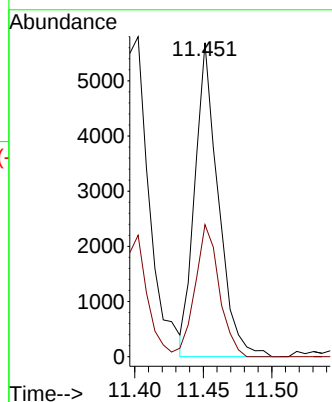
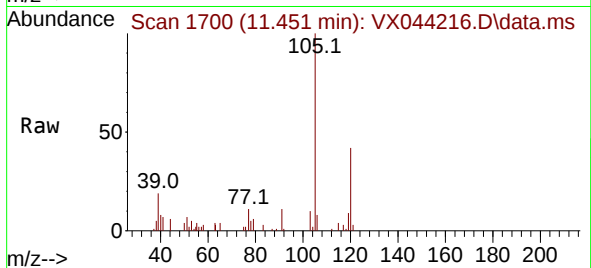
ClientSampleId :

Tgt Ion:105 Resp: 6744

Ion Ratio Lower Upper

105 100

120 43.5 23.3 69.8



#81

trans-1,4-Dichloro-2-butene

Concen: 77.449 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

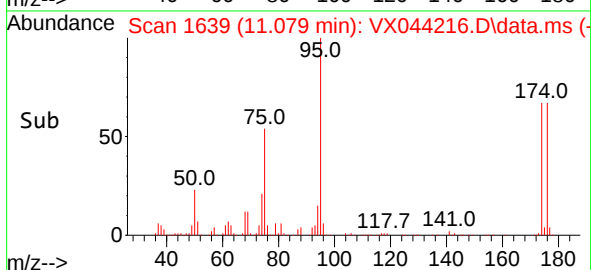
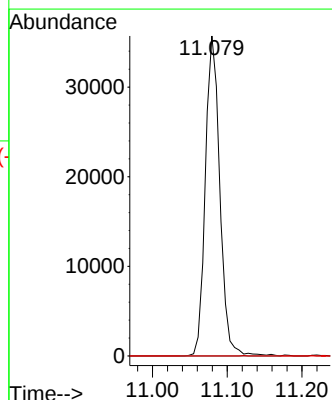
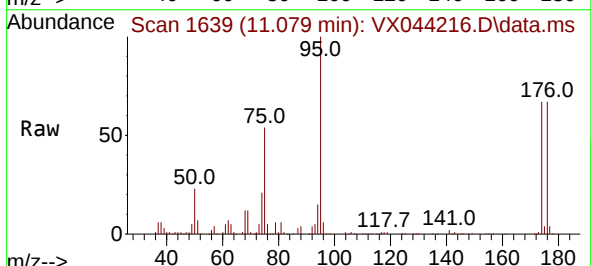
Tgt Ion: 75 Resp: 48054

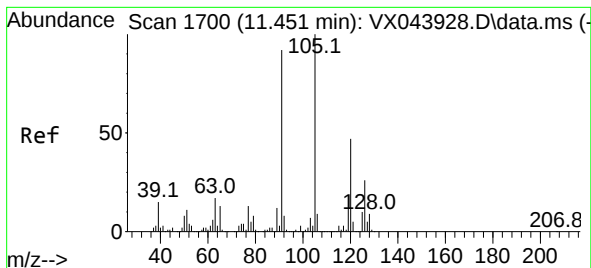
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.242 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

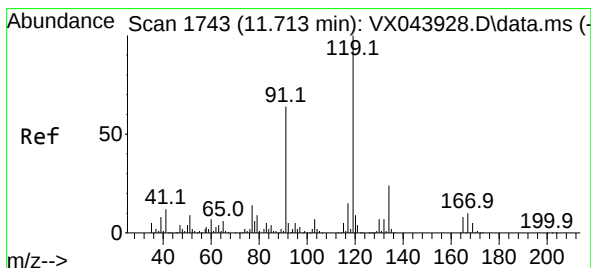
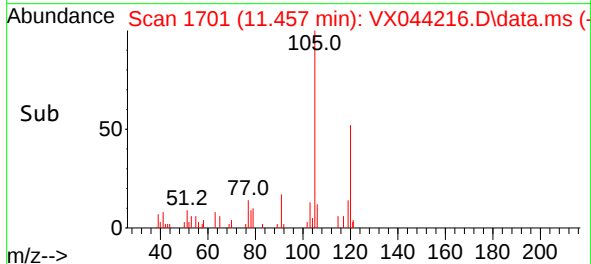
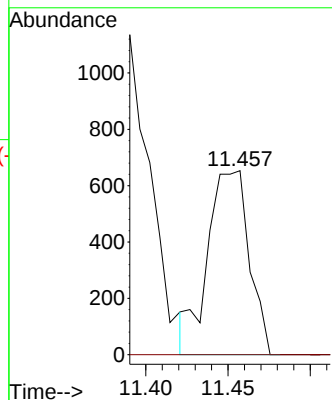
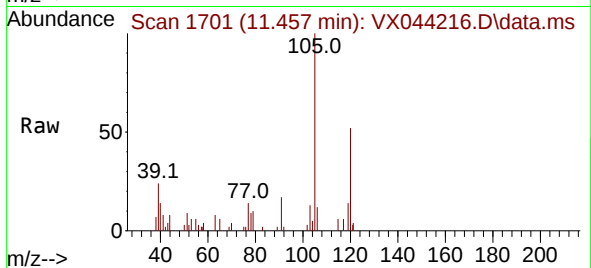
ClientSampleId :

Tgt Ion: 91 Resp: 1146

Ion Ratio Lower Upper

91 100

126 0.0 14.3 42.9#



#83

tert-Butylbenzene

Concen: 0.624 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

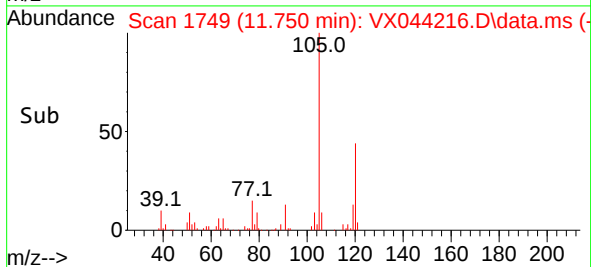
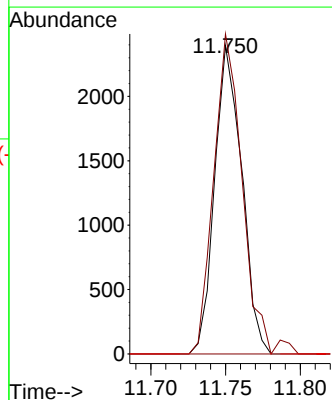
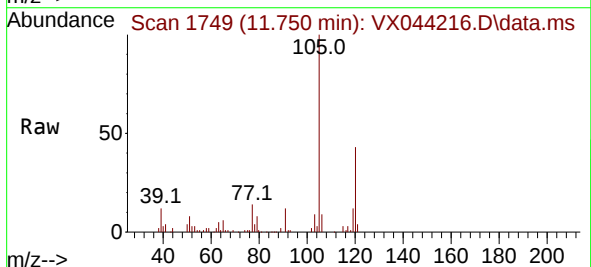
Tgt Ion: 119 Resp: 3021

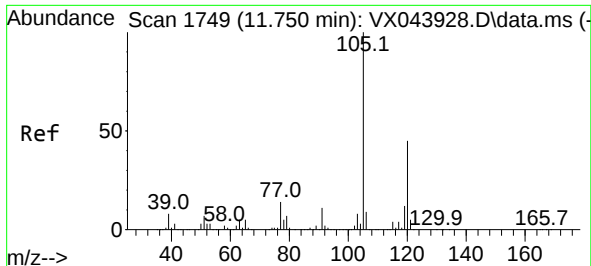
Ion Ratio Lower Upper

119 100

91 109.9 31.0 93.0#

134 0.0 11.6 34.8#

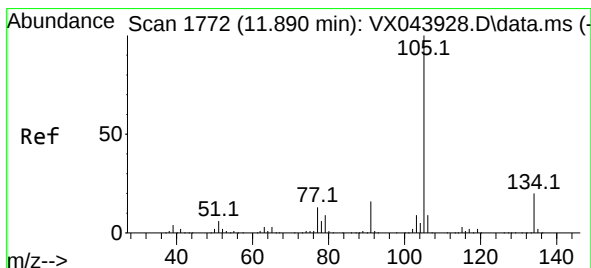
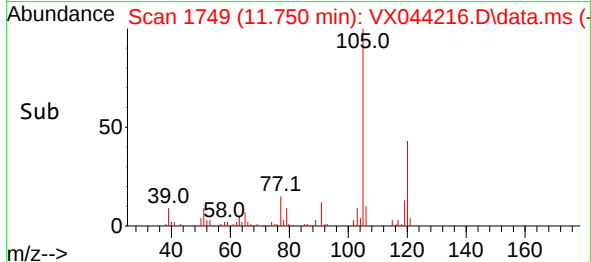
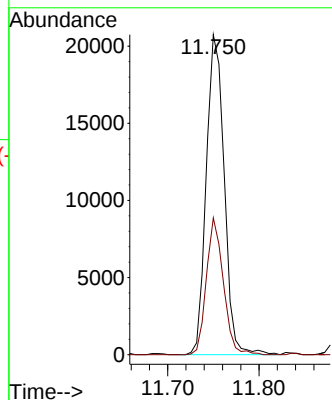
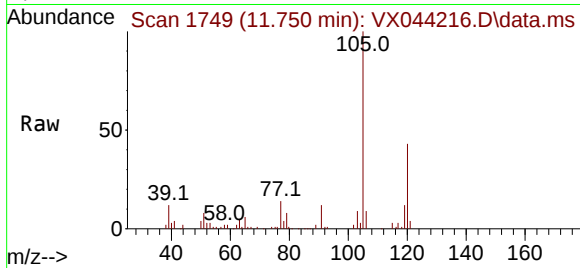




#84
1,2,4-Trimethylbenzene
Concen: 5.813 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

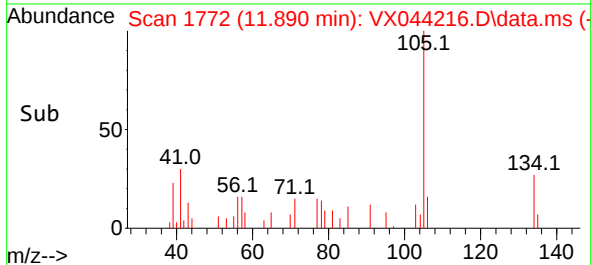
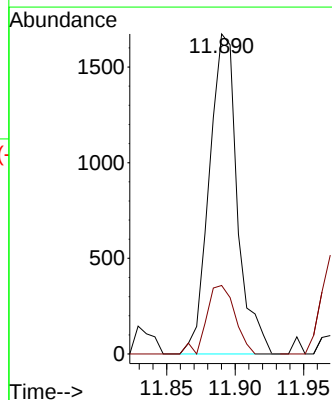
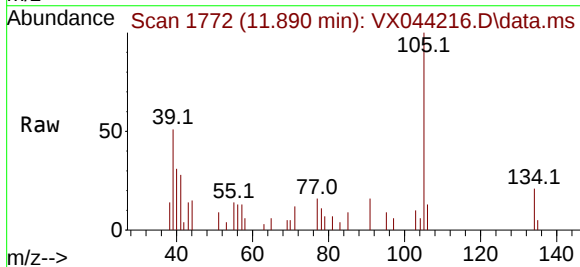
Instrument :
MSVOA_X
ClientSampleId :

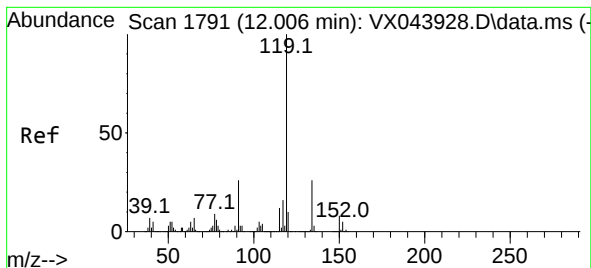
Tgt Ion:105 Resp: 28257
Ion Ratio Lower Upper
105 100
120 40.4 21.9 65.7



#85
sec-Butylbenzene
Concen: 0.403 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044216.D
Acq: 10 Dec 2024 18:20

Tgt Ion:105 Resp: 2389
Ion Ratio Lower Upper
105 100
134 21.6 9.7 29.1





#86

p-Isopropyltoluene

Concen: 0.572 ug/l

RT: 11.976 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

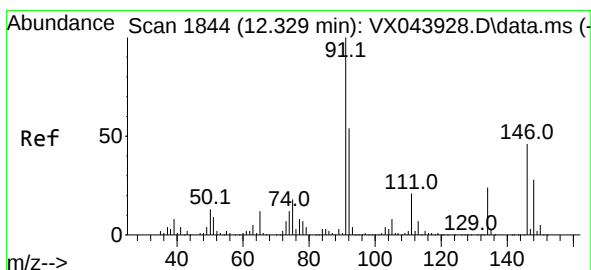
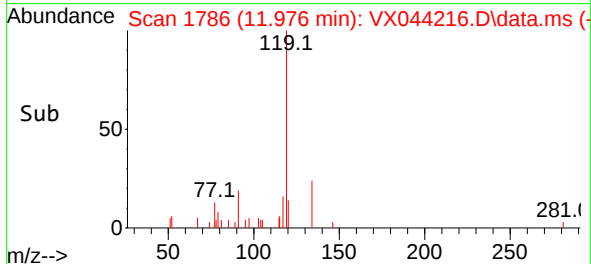
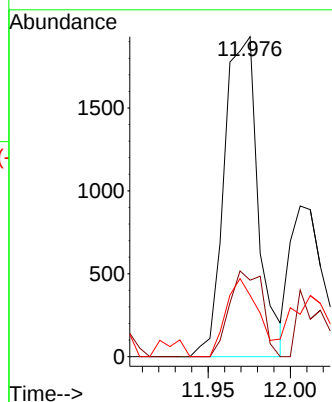
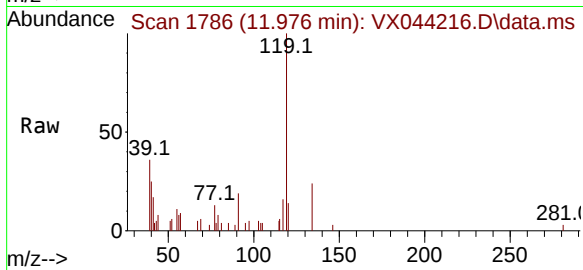
Tgt Ion:119 Resp: 2757

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 22.9 13.0 38.9



#89

n-Butylbenzene

Concen: 0.635 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

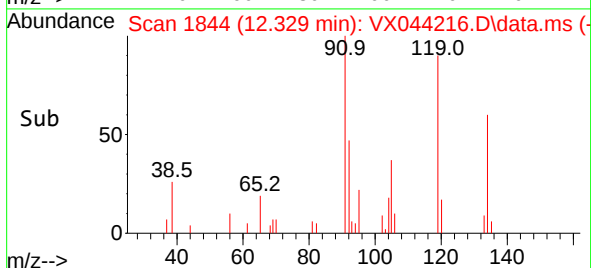
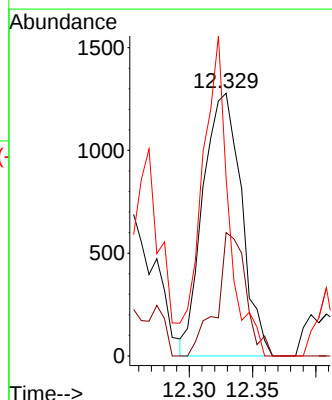
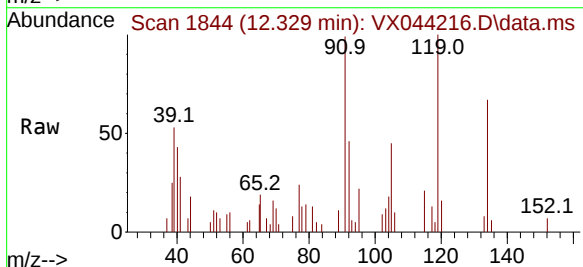
Tgt Ion: 91 Resp: 2698

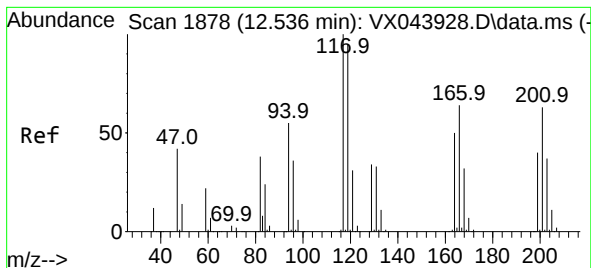
Ion Ratio Lower Upper

91 100

92 35.9 26.6 79.8

134 84.0 12.4 37.2#





#90

Hexachloroethane

Concen: 0.748 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Instrument :

MSVOA_X

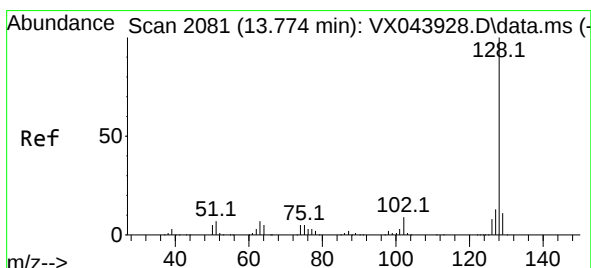
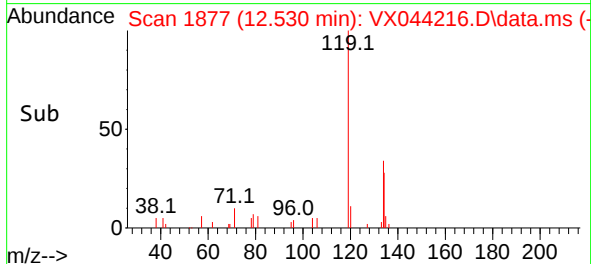
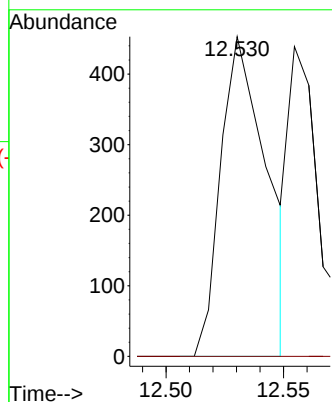
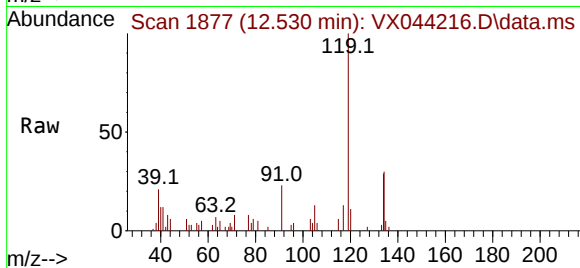
ClientSampleId :

Tgt Ion:117 Resp: 613

Ion Ratio Lower Upper

117 100

201 0.0 32.4 97.0#



#95

Naphthalene

Concen: 1.027 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044216.D

Acq: 10 Dec 2024 18:20

Tgt Ion:128 Resp: 5672

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 10.5 8.6 12.8

