

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044398.D
 Acq On : 18 Dec 2024 22:59
 Operator : JC/MD
 Sample : VX1218WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

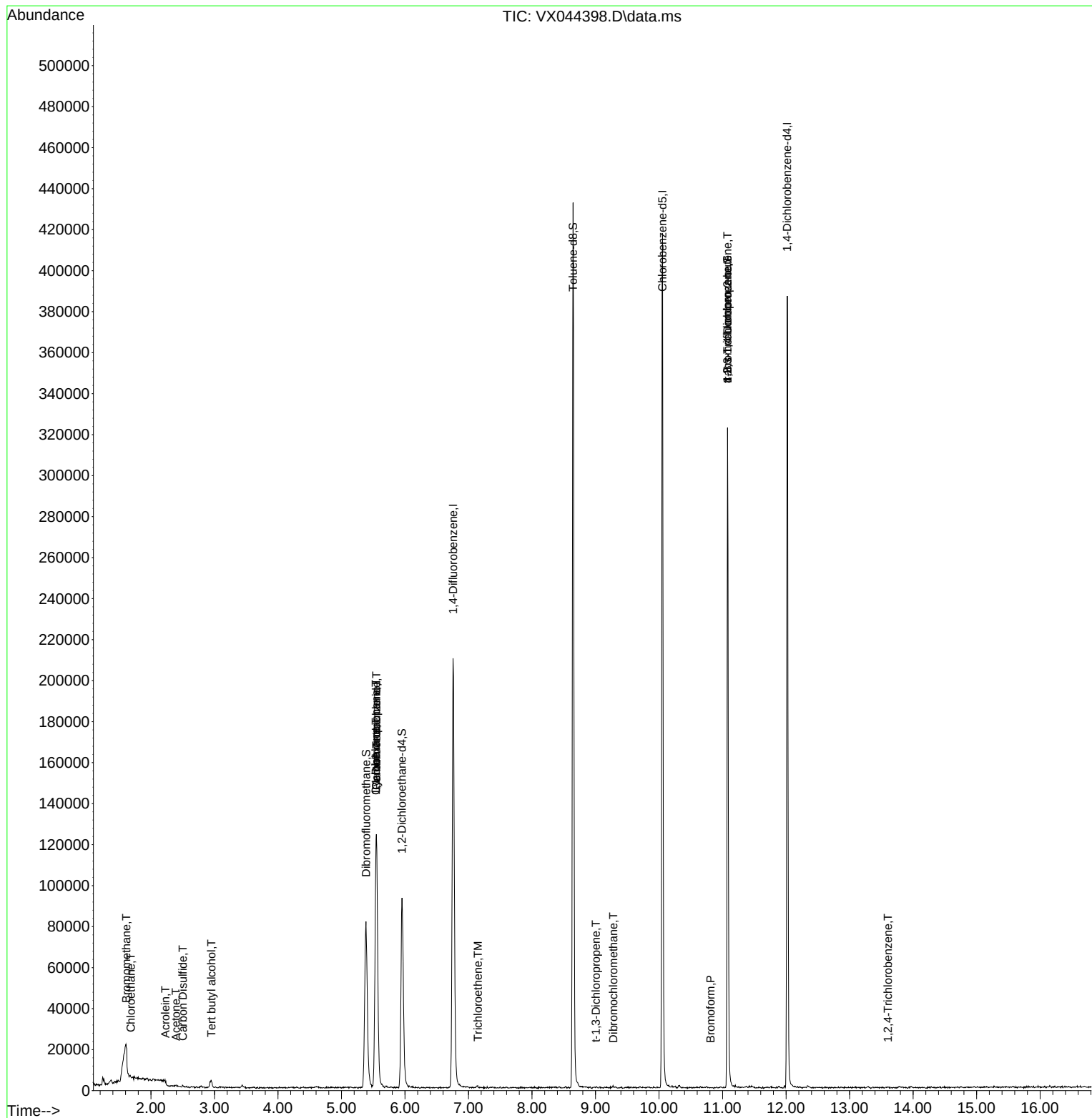
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	114674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87580	43.559	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	87.120%	
35) Dibromofluoromethane	5.385	113	69034	48.267	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.540%	
50) Toluene-d8	8.647	98	250627	51.941	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.880%	
62) 4-Bromofluorobenzene	11.079	95	81340	48.243	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	851	0.679	ug/l #	30
6) Chloroethane	1.685	64	280	0.255	ug/l #	73
11) Tert butyl alcohol	2.953	59	1861	6.567	ug/l #	71
13) Acrolein	2.227	56	131	0.319	ug/l	94
16) Acetone	2.392	43	349	0.426	ug/l	91
17) Carbon Disulfide	2.501	76	776	0.318	ug/l #	75
31) Cyclohexane	5.544	56	3110	1.433	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	9716	5.255	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12195	6.127	ug/l #	18
44) Trichloroethene	7.147	130	359	0.256	ug/l	88
53) t-1,3-Dichloropropene	9.006	75	42	1.017	ug/l #	41
60) Dibromochloromethane	9.281	129	109	1.306	ug/l #	11
71) Bromoform	10.811	173	21	1.255	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	46296	26.803	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46296	73.814	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.603	180	307	0.215	ug/l #	84

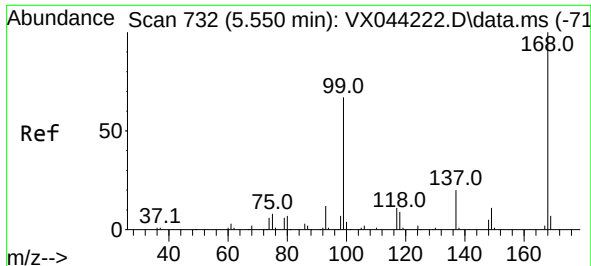
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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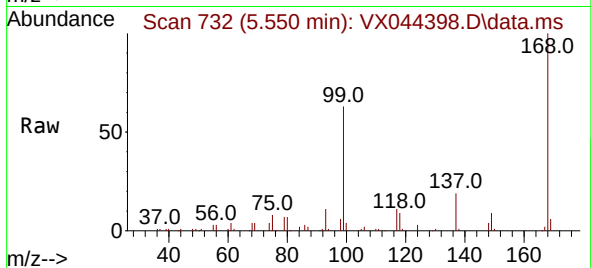
Quant Time: Dec 19 00:55:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



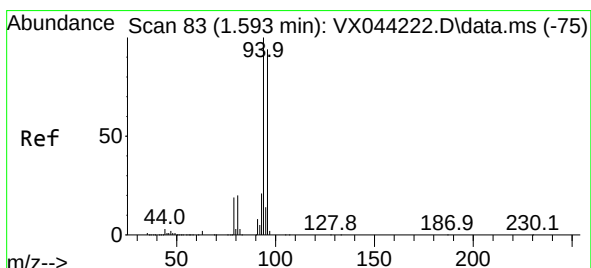
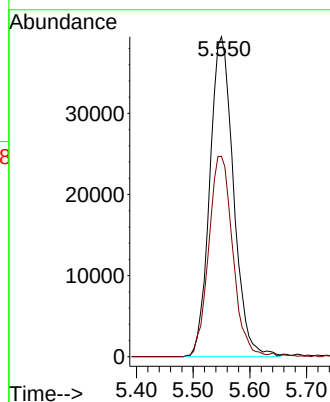
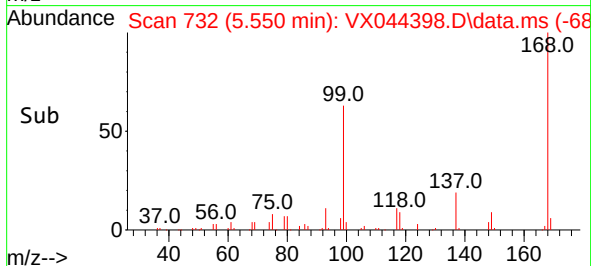


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Instrument :
MSVOA_X
ClientSampleId :

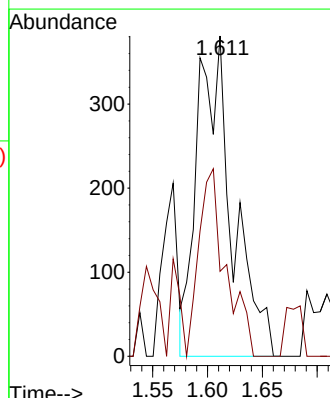
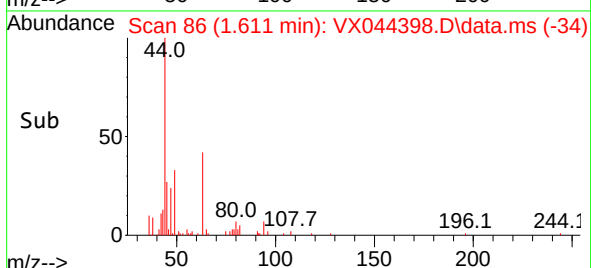
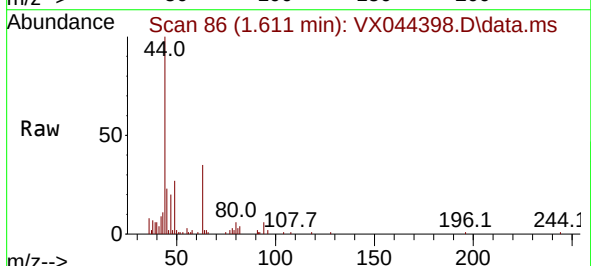


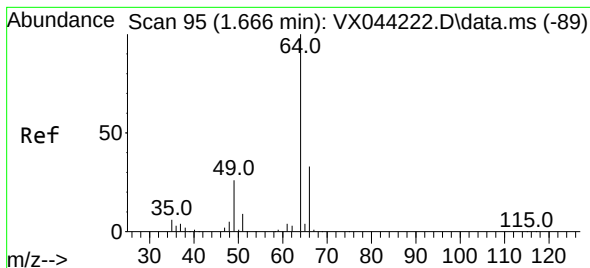
Tgt Ion:168 Resp: 114674
Ion Ratio Lower Upper
168 100
99 62.6 53.4 80.0



#5
Bromomethane
Concen: 0.679 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Tgt Ion: 94 Resp: 851
Ion Ratio Lower Upper
94 100
96 26.5 74.9 112.3#





#6

Chloroethane

Concen: 0.255 ug/l

RT: 1.685 min Scan# 91

Delta R.T. 0.018 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

Instrument :

MSVOA_X

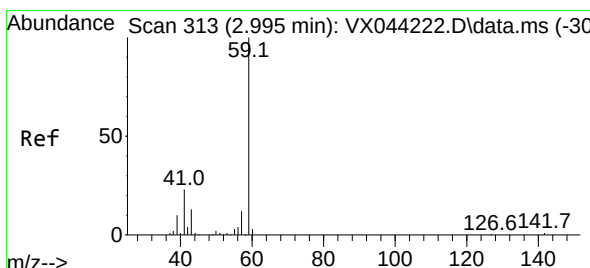
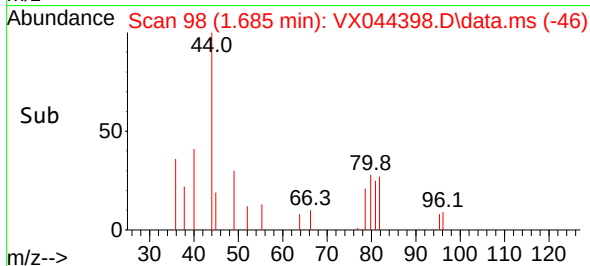
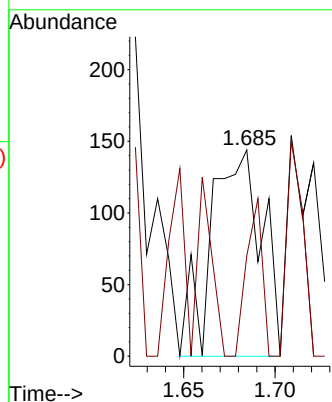
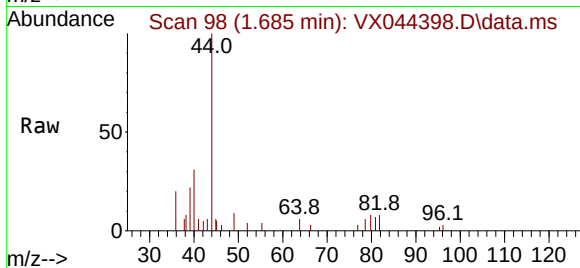
ClientSampleId :

Tgt Ion: 64 Resp: 280

Ion Ratio Lower Upper

64 100

66 48.6 26.6 39.8#



#11

Tert butyl alcohol

Concen: 6.567 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX044398.D

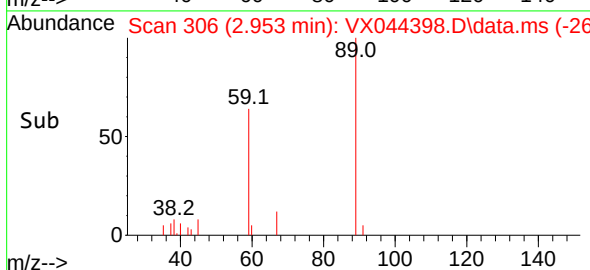
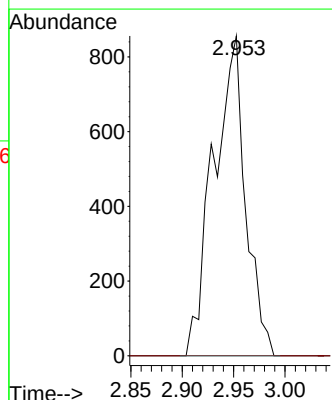
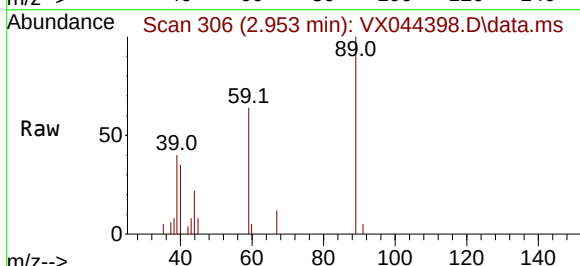
Acq: 18 Dec 2024 22:59

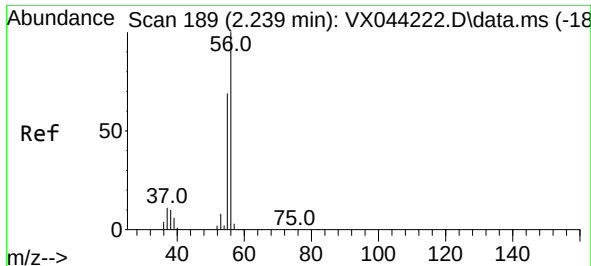
Tgt Ion: 59 Resp: 1861

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#





#13

Acrolein

Concen: 0.319 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

Instrument :

MSVOA_X

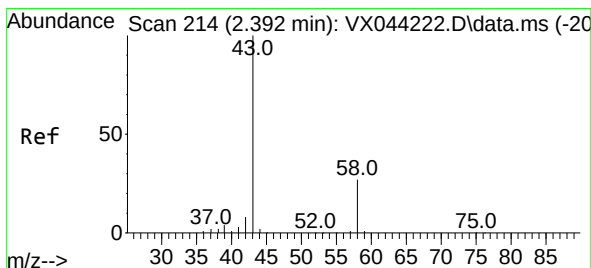
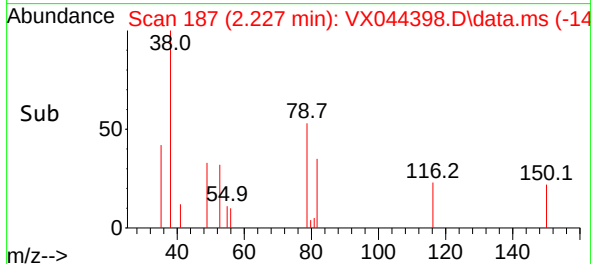
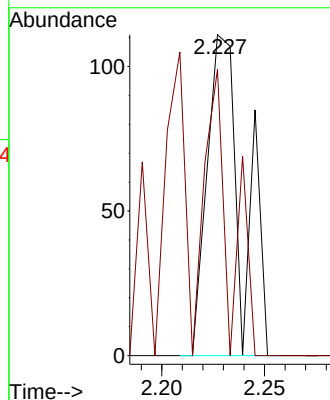
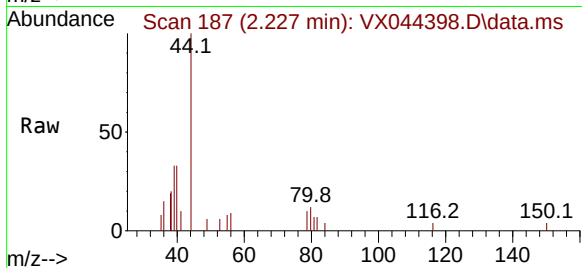
ClientSampleId :

Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 65.6 56.6 84.8



#16

Acetone

Concen: 0.426 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044398.D

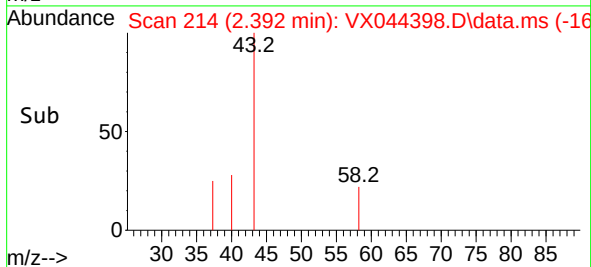
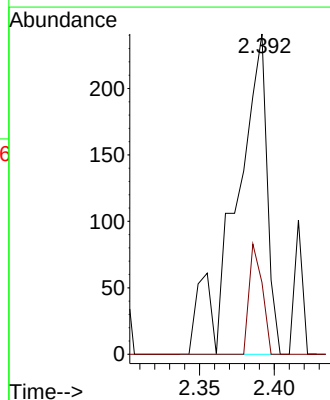
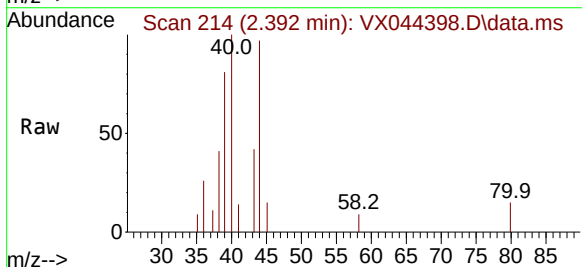
Acq: 18 Dec 2024 22:59

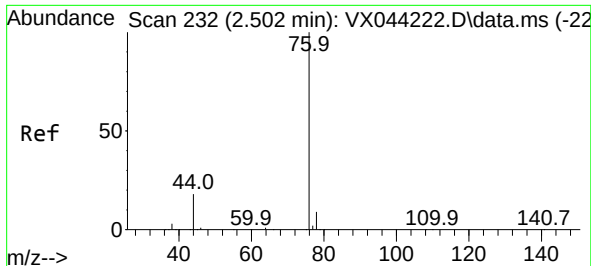
Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

43 100

58 22.4 21.6 32.4

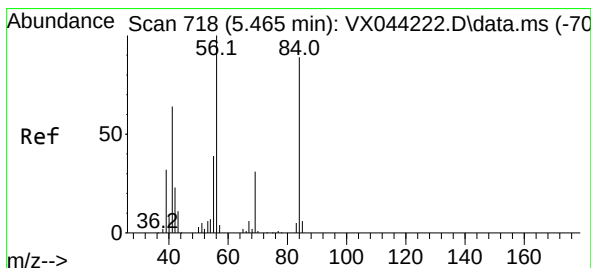
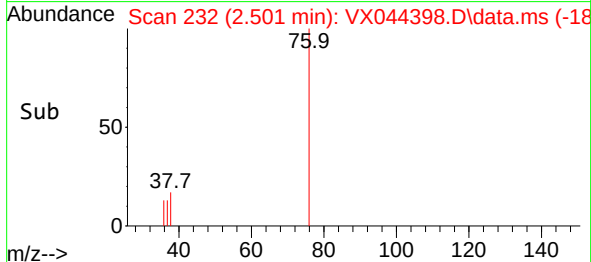
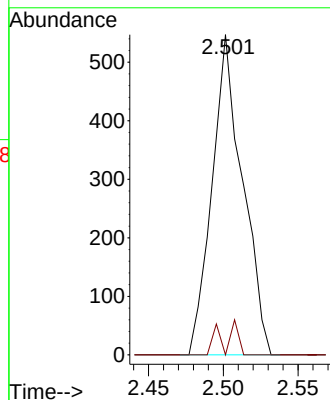
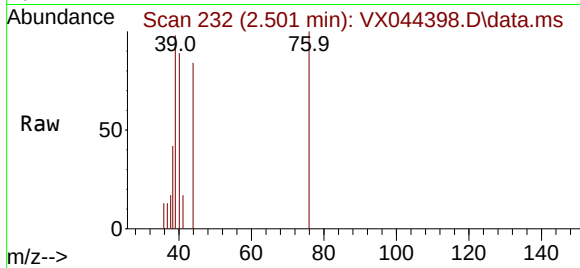




#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

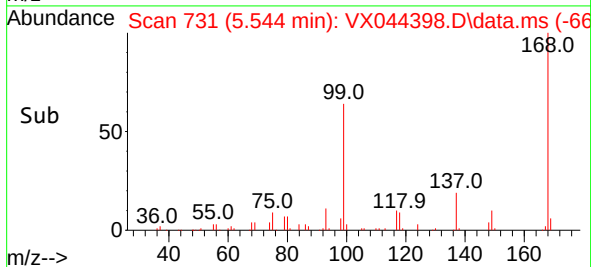
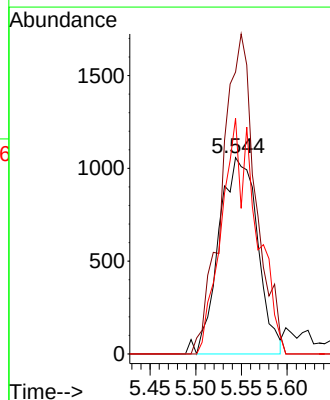
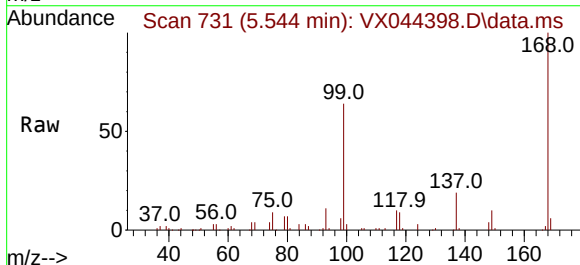
Instrument :
MSVOA_X
ClientSampleId :

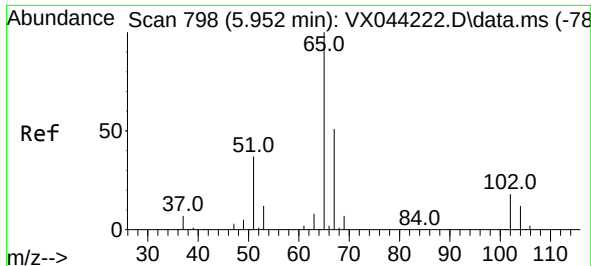
Tgt Ion: 76 Resp: 776
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.433 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Tgt Ion: 56 Resp: 3110
Ion Ratio Lower Upper
56 100
69 143.6 24.7 37.1#
84 120.0 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.559 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

Instrument :

MSVOA_X

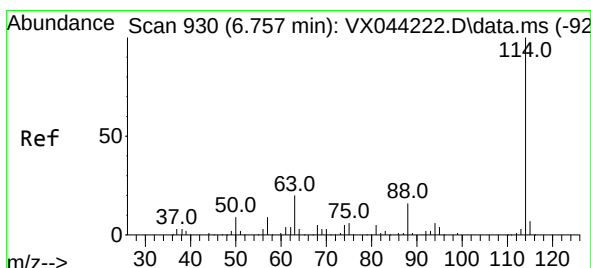
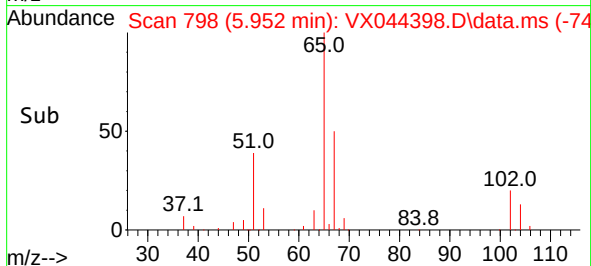
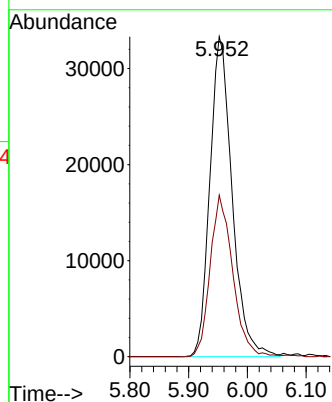
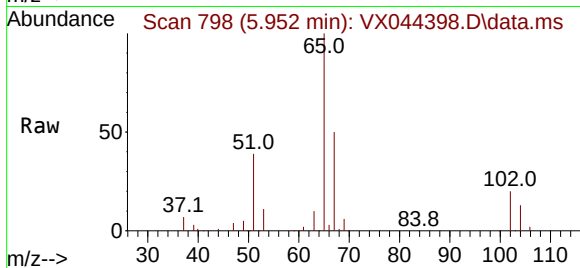
ClientSampleId :

Tgt Ion: 65 Resp: 87580

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

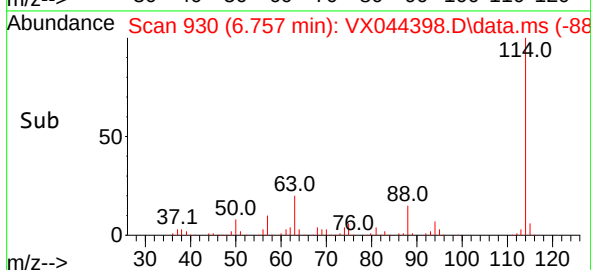
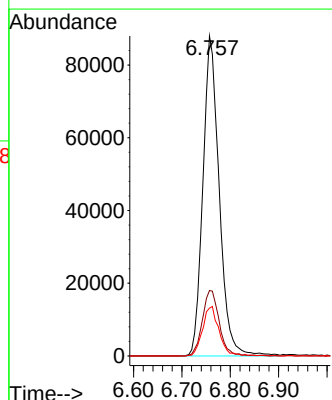
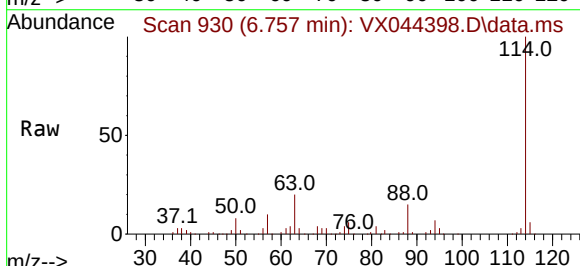
Tgt Ion: 114 Resp: 206506

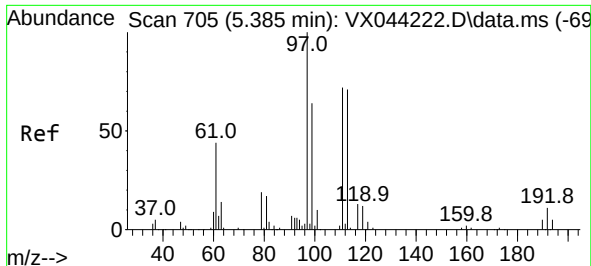
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.267 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

Instrument :

MSVOA_X

ClientSampleId :

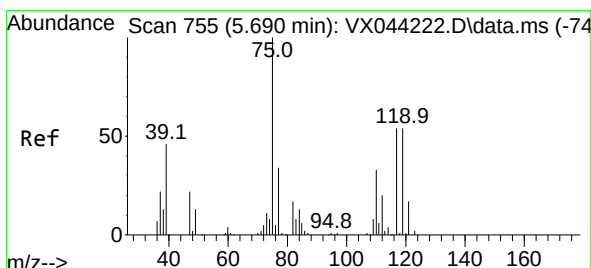
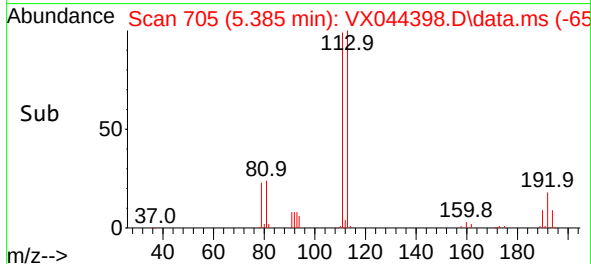
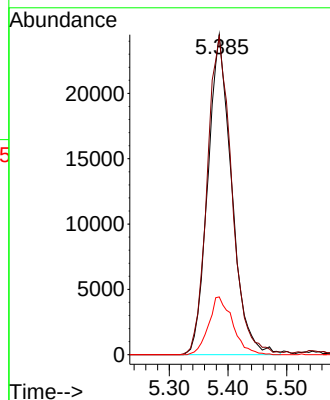
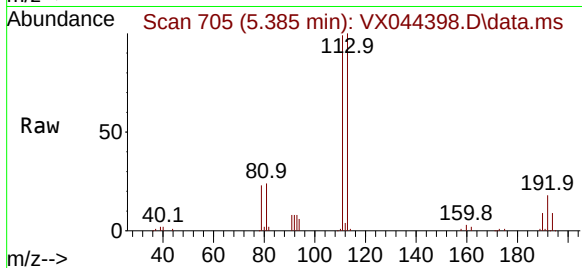
Tgt Ion:113 Resp: 69034

Ion Ratio Lower Upper

113 100

111 102.8 80.4 120.6

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.255 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

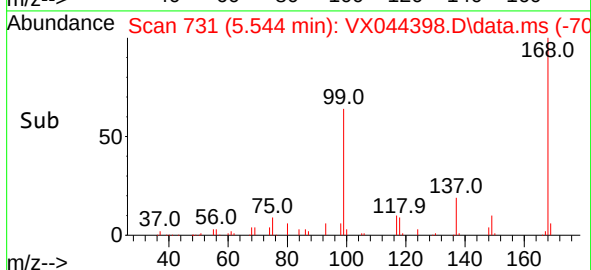
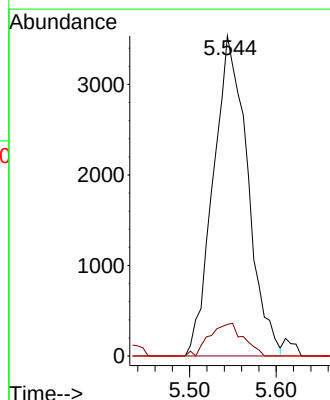
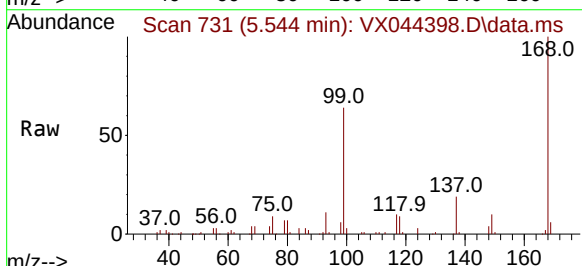
Tgt Ion: 75 Resp: 9716

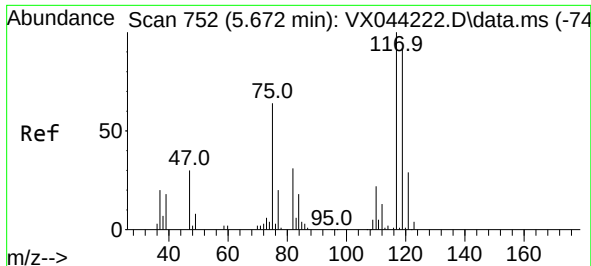
Ion Ratio Lower Upper

75 100

110 10.1 17.3 51.7#

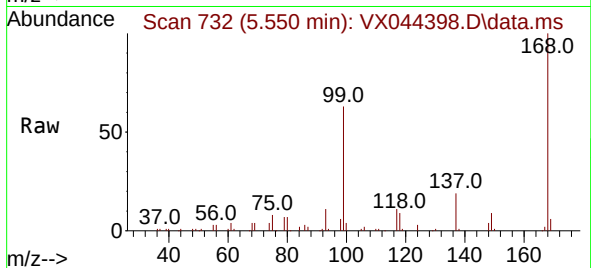
77 0.0 25.4 38.0#



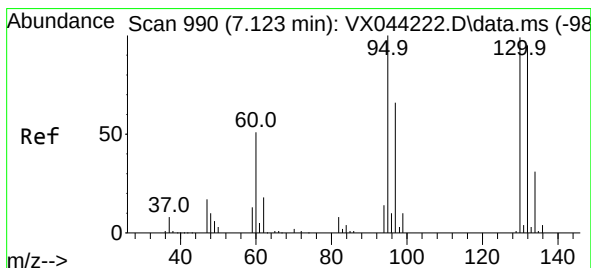
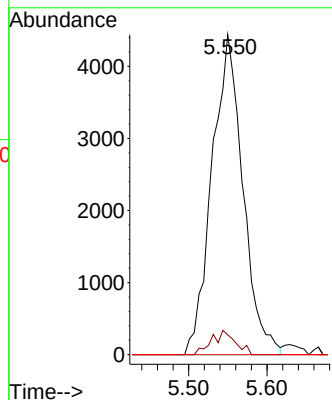
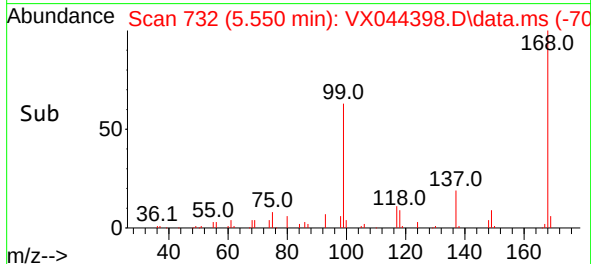


#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Instrument :
MSVOA_X
ClientSampleId :

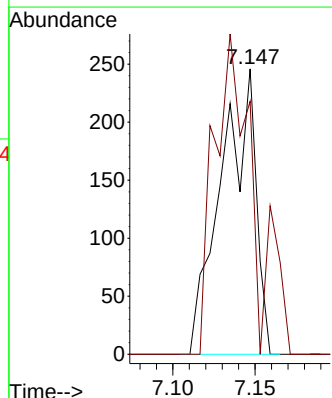
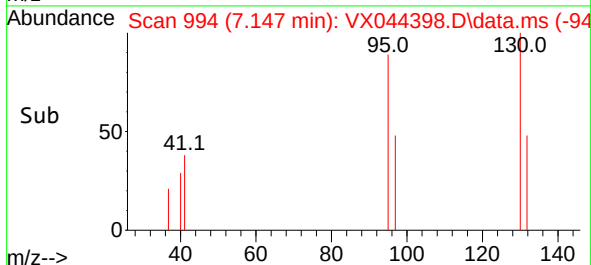
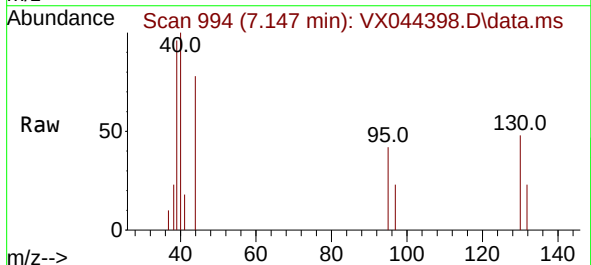


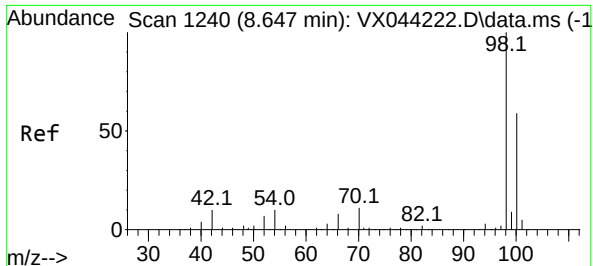
Tgt Ion:117 Resp: 12195
Ion Ratio Lower Upper
117 100
119 6.2 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 0.256 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

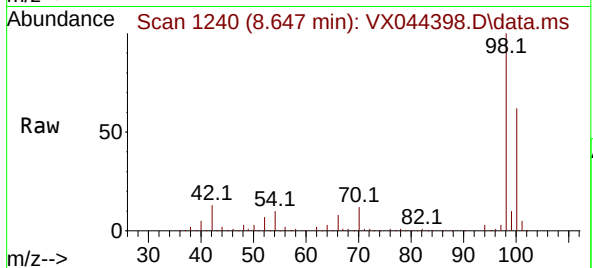
Tgt Ion:130 Resp: 359
Ion Ratio Lower Upper
130 100
95 88.6 0.0 201.4



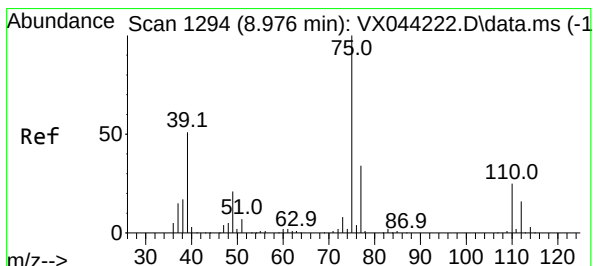
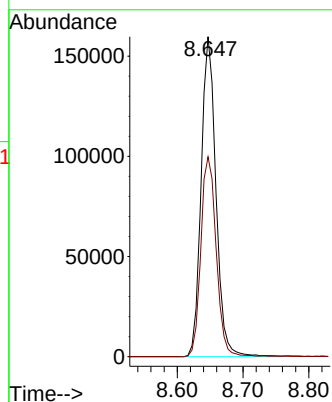
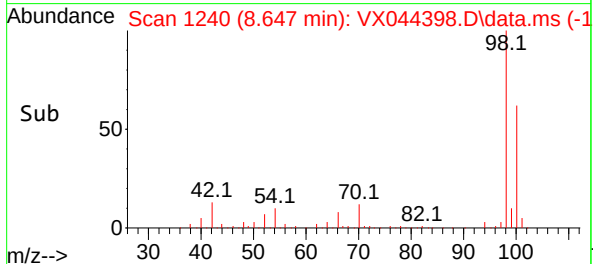


#50
Toluene-d8
Concen: 51.941 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Instrument :
MSVOA_X
ClientSampleId :

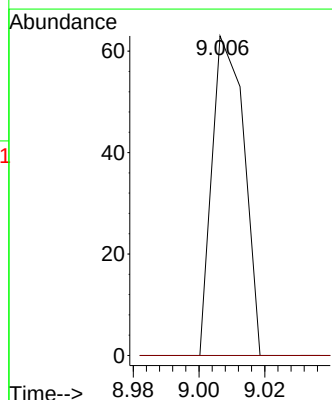
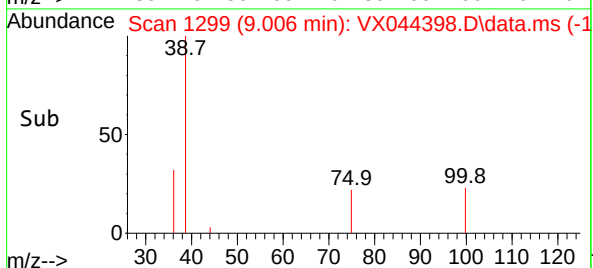
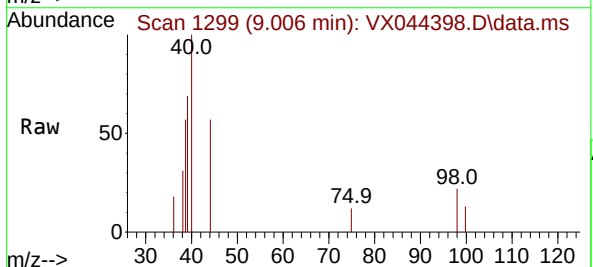


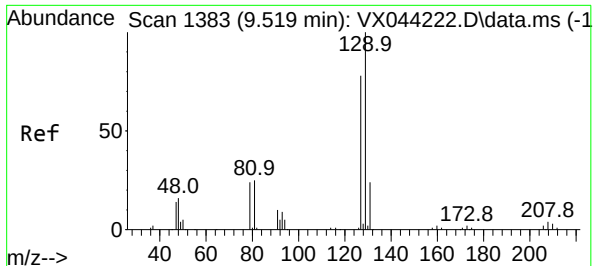
Tgt Ion: 98 Resp: 250627
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.017 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Tgt Ion: 75 Resp: 42
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#





#60

Dibromochloromethane

Concen: 1.306 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.238 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

Instrument :

MSVOA_X

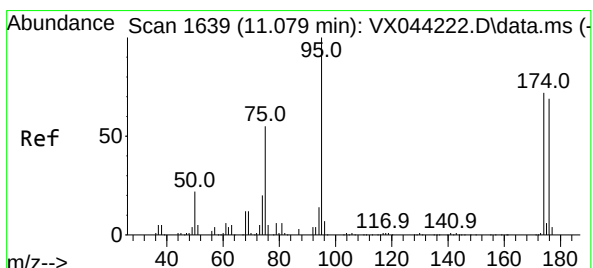
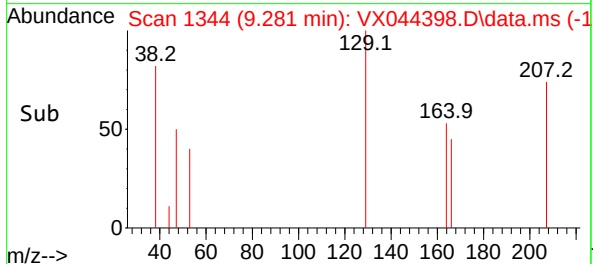
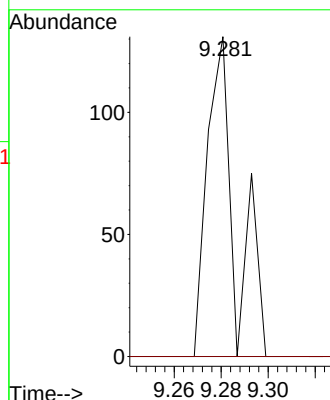
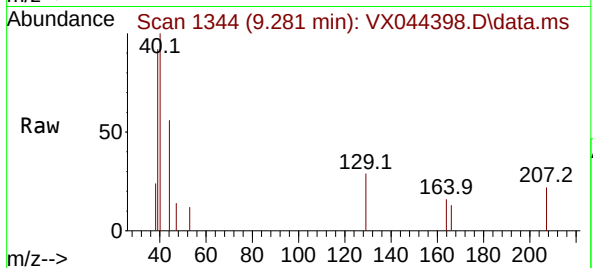
ClientSampleId :

Tgt Ion:129 Resp: 109

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



#62

4-Bromofluorobenzene

Concen: 48.243 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044398.D

Acq: 18 Dec 2024 22:59

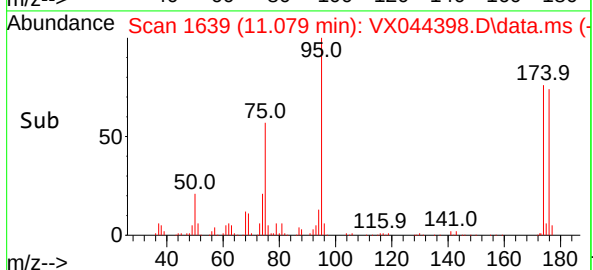
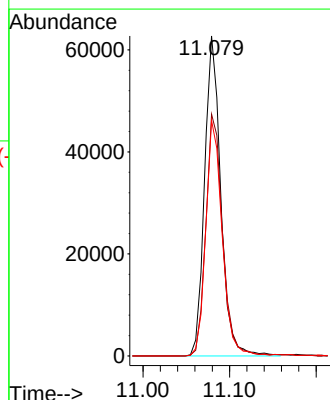
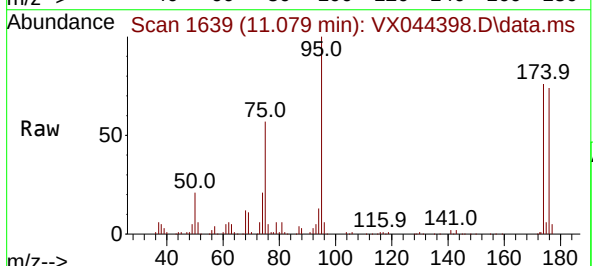
Tgt Ion: 95 Resp: 81340

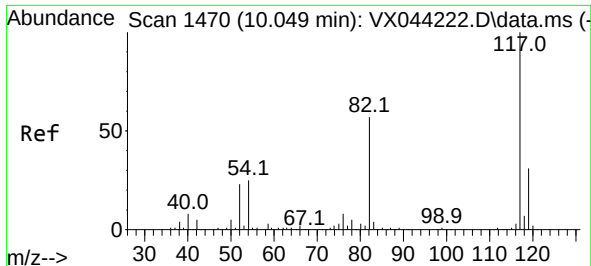
Ion Ratio Lower Upper

95 100

174 78.8 0.0 145.8

176 74.6 0.0 137.8

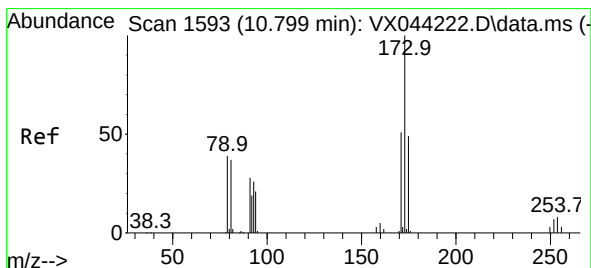
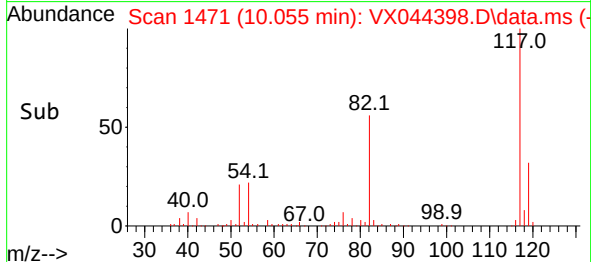
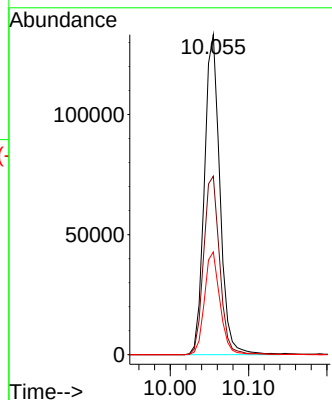
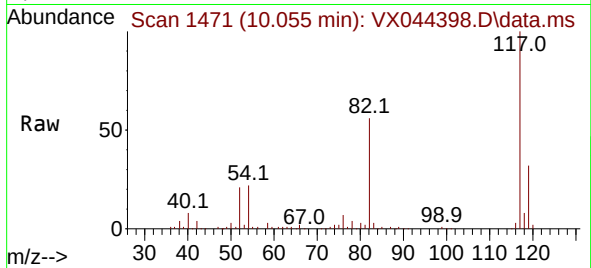




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

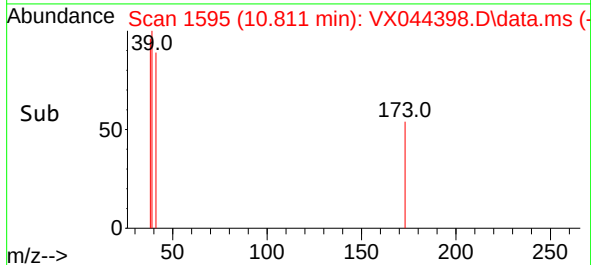
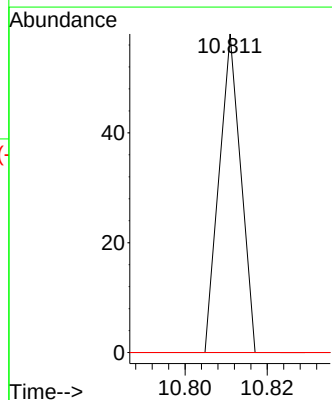
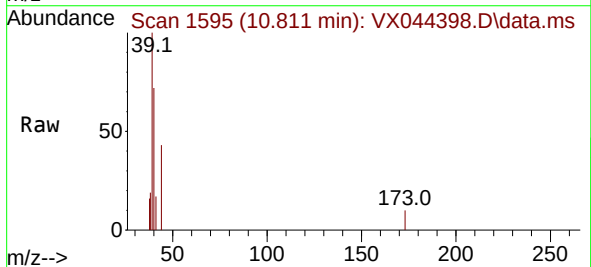
Instrument :
MSVOA_X
ClientSampleId :

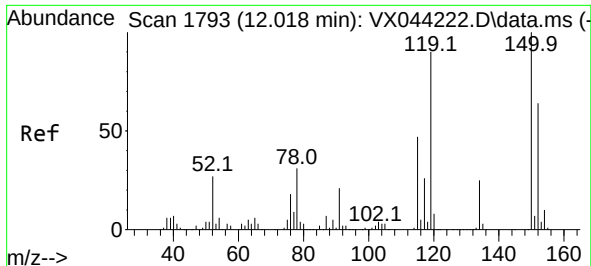
Tgt Ion:117 Resp: 183436
Ion Ratio Lower Upper
117 100
82 55.8 45.8 68.8
119 32.1 25.0 37.4



#71
Bromoform
Concen: 1.255 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

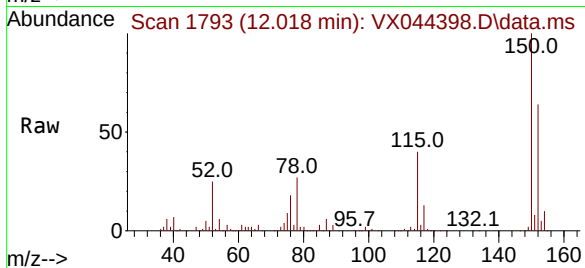
Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0



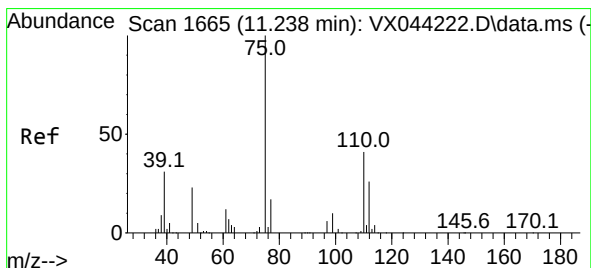
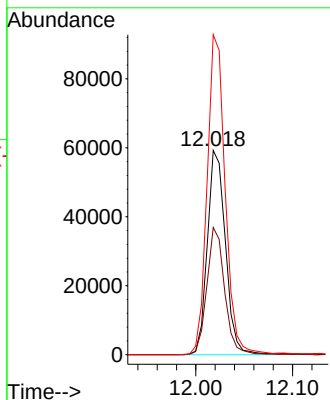
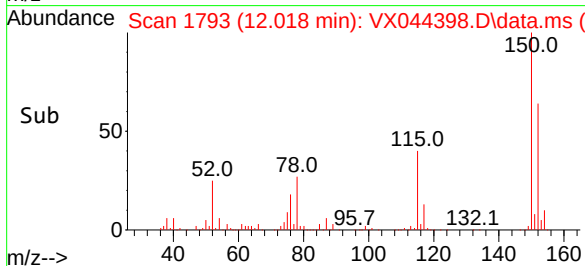


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX044398.D
 Acq: 18 Dec 2024 22:59

Instrument :
 MSVOA_X
 ClientSampleId :

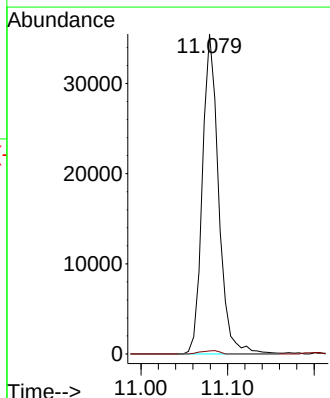
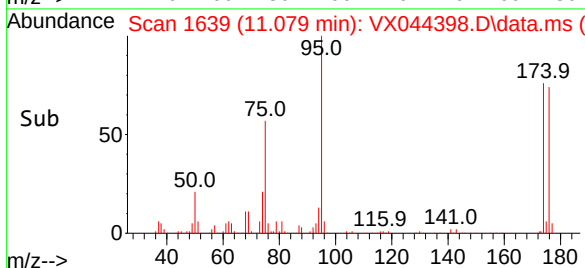
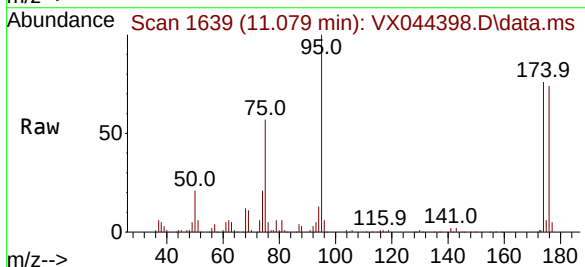


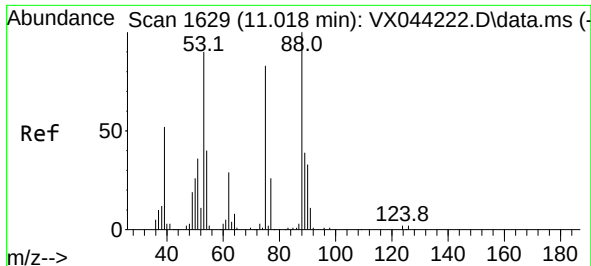
Tgt Ion:152 Resp: 77360
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.5 133.3
 150 157.1 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 26.803 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044398.D
 Acq: 18 Dec 2024 22:59

Tgt Ion: 75 Resp: 46296
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.7#

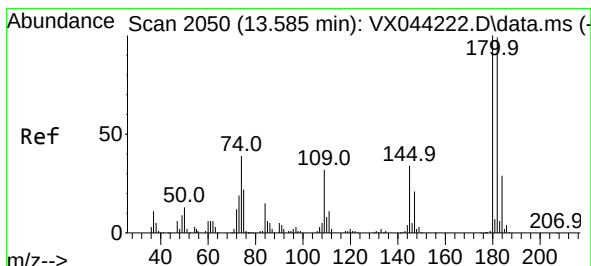
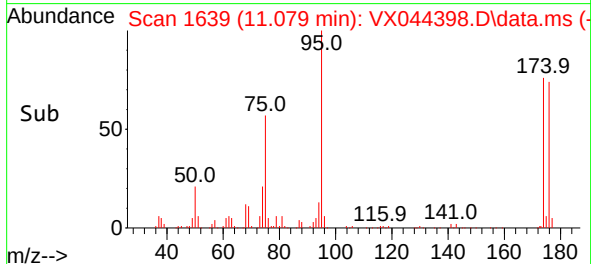
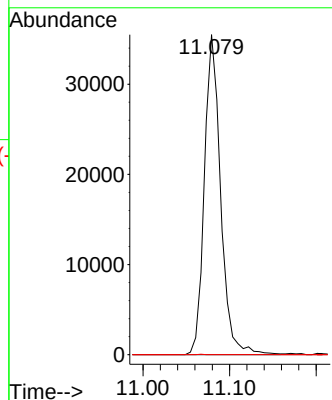
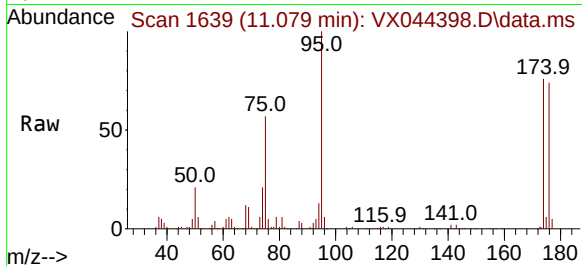




#81
trans-1,4-Dichloro-2-butene
Concen: 73.814 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46296
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX044398.D
Acq: 18 Dec 2024 22:59

Tgt Ion:180 Resp: 307
Ion Ratio Lower Upper
180 100
182 97.7 48.0 144.2
145 0.0 16.6 49.7#

