

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044912.D
 Acq On : 11 Feb 2025 17:33
 Operator : JC/MD
 Sample : Q1327-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:45:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

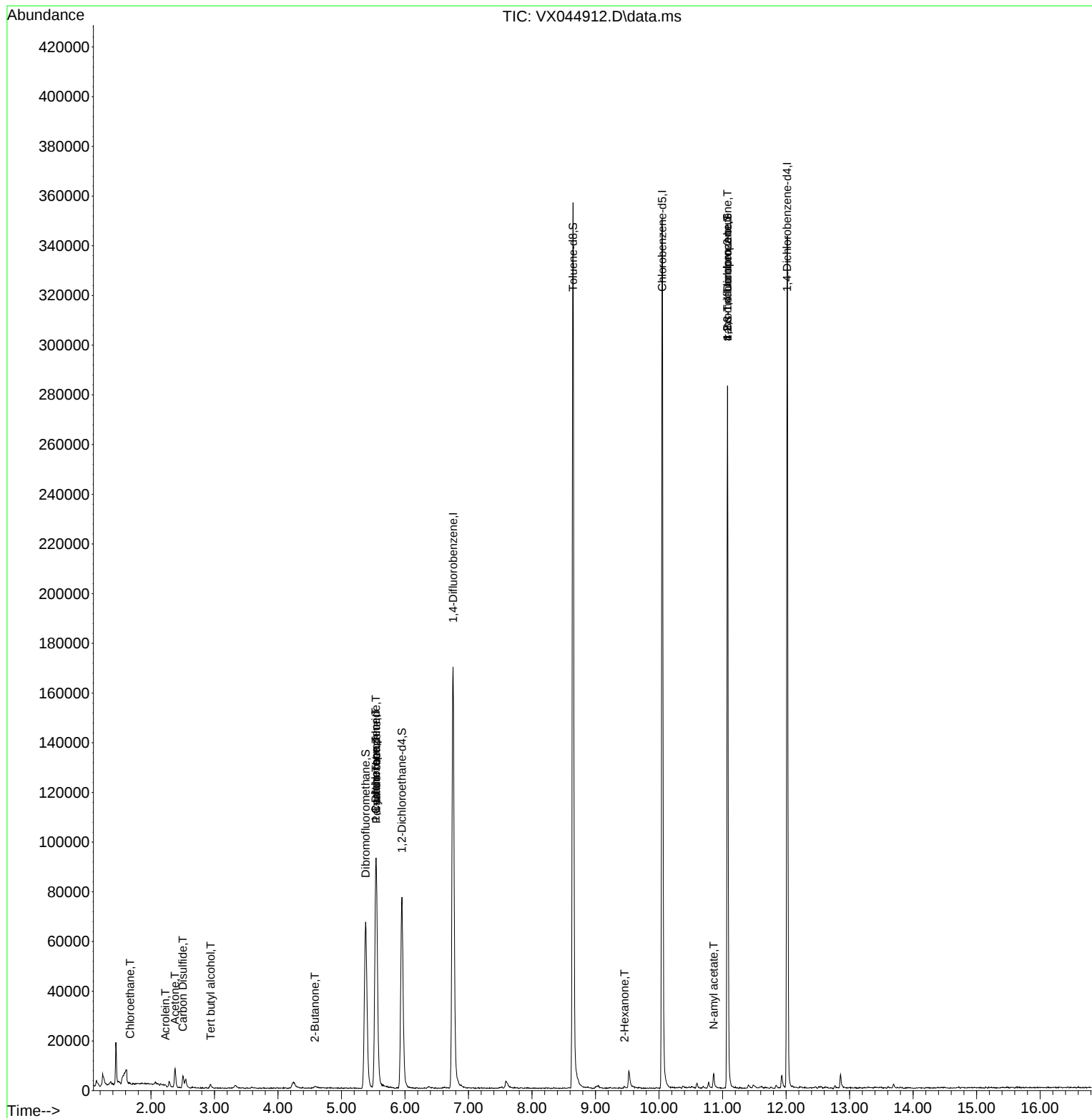
Internal Standards						
1) Pentafluorobenzene	5.550	168	88393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71210	55.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	5.379	113	59009	50.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	8.647	98	220692	49.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	11.079	95	74852	50.023	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	53	1.416	ug/l #	42
11) Tert butyl alcohol	2.941	59	627	2.612	ug/l #	73
13) Acrolein	2.227	56	158	0.638	ug/l #	47
16) Acetone	2.380	43	7866	15.122	ug/l	99
17) Carbon Disulfide	2.502	76	6303	2.017	ug/l	100
25) 2-Butanone	4.580	43	775	0.918	ug/l #	84
31) Cyclohexane	5.544	56	2322	1.156	ug/l #	26
36) 1,1-Dichloropropene	5.538	75	7846	4.633	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9767	5.885	ug/l #	15
59) 2-Hexanone	9.458	43	657	0.493	ug/l	76
74) N-amyl acetate	10.860	43	1069	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39905	26.520	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39905	68.219	ug/l #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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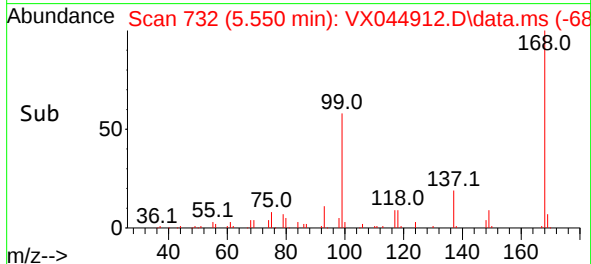
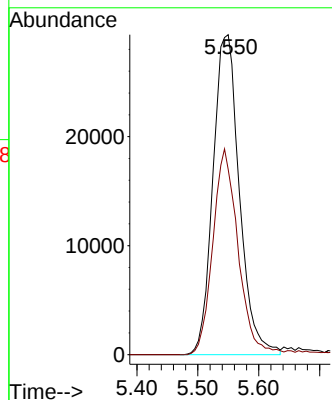
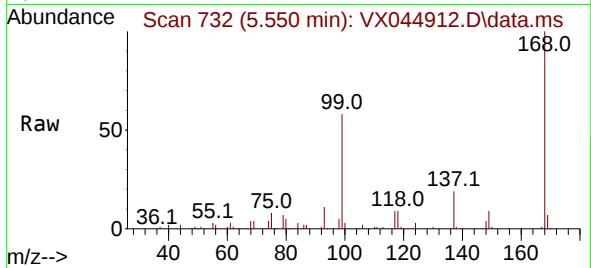




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

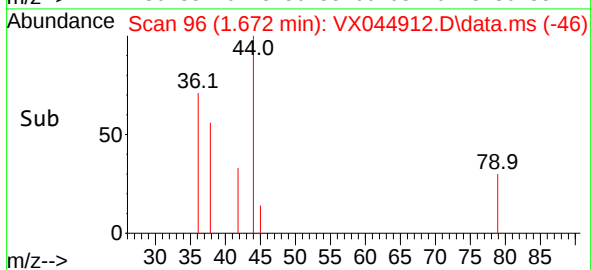
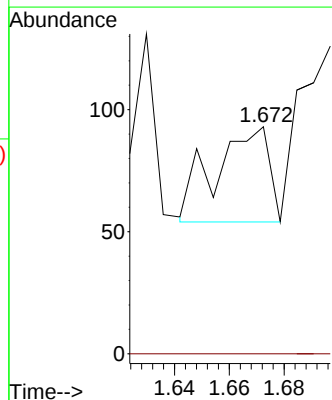
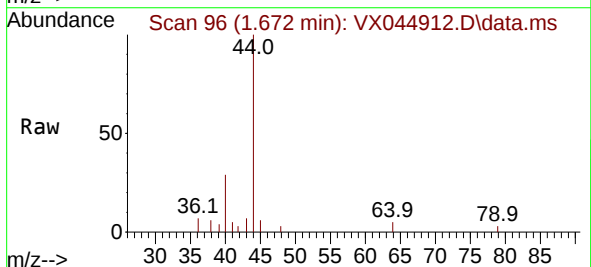
Instrument :
MSVOA_X
ClientSampleId :

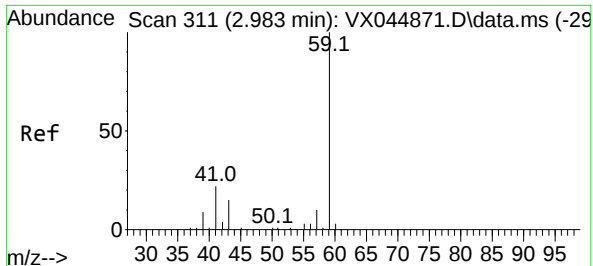
Tgt Ion:168 Resp: 88393
Ion Ratio Lower Upper
168 100
99 57.9 51.2 76.8



#6
Chloroethane
Concen: 1.416 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

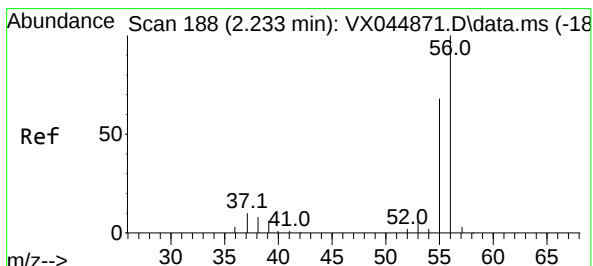
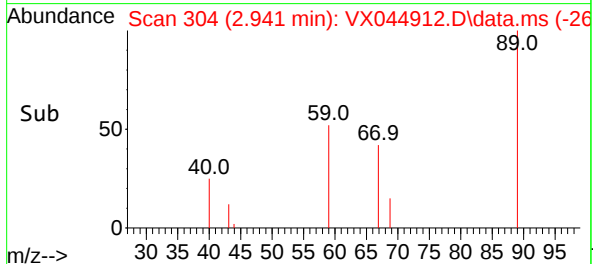
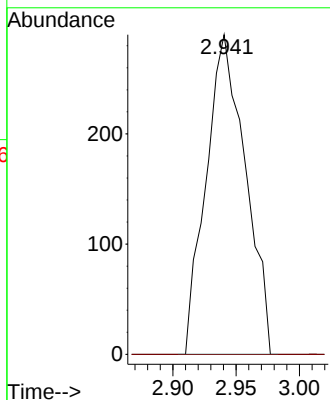
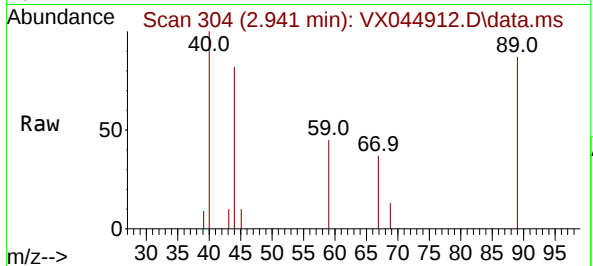




#11
Tert butyl alcohol
Concen: 2.612 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

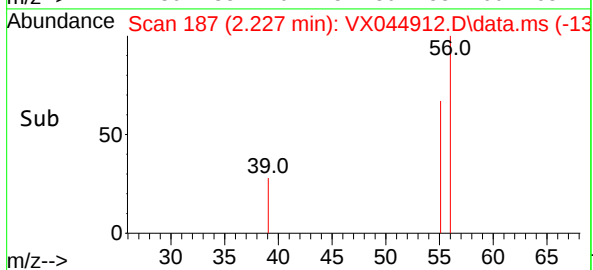
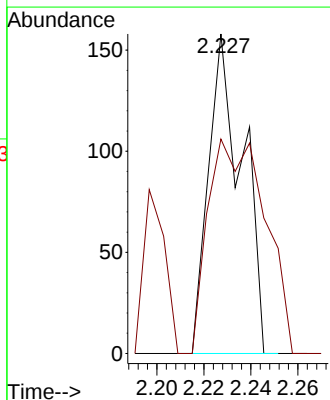
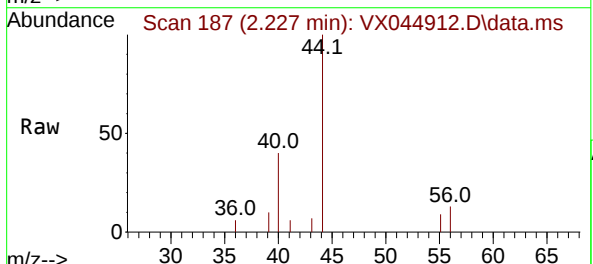
Instrument :
MSVOA_X
ClientSampleId :

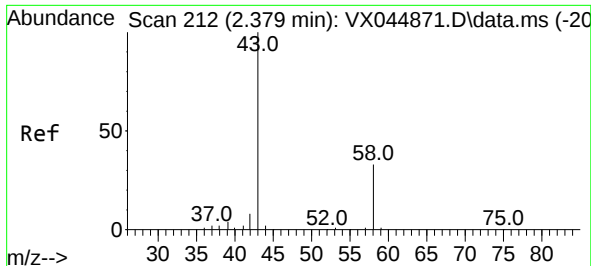
Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.638 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 112.7 55.7 83.5#

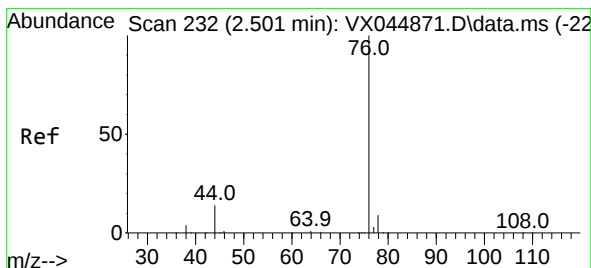
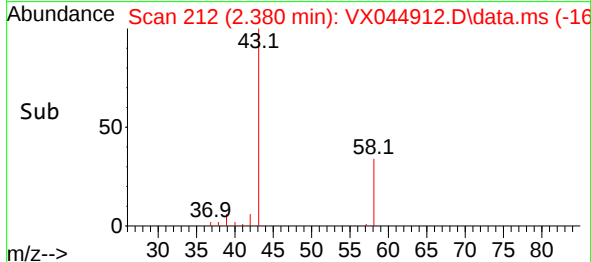
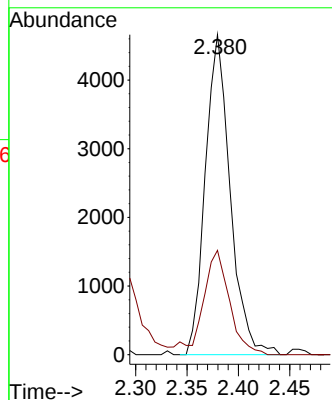
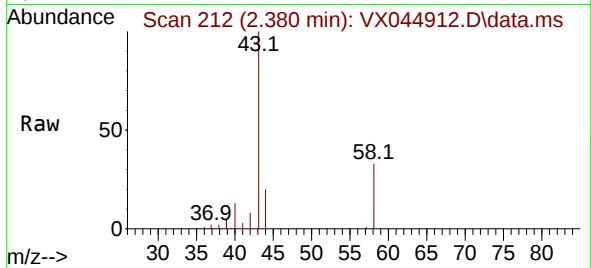




#16
Acetone
Concen: 15.122 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

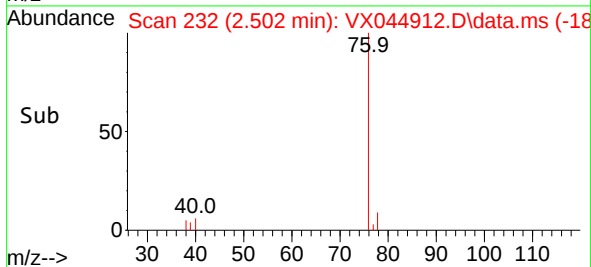
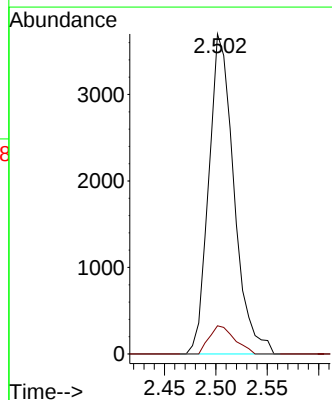
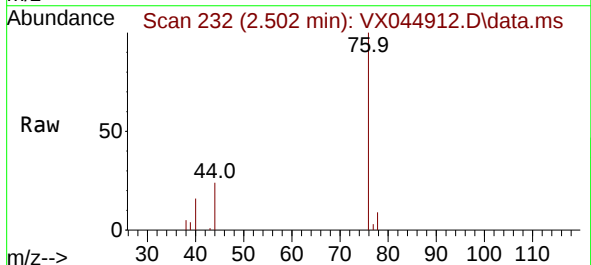
Instrument :
MSVOA_X
ClientSampleId :

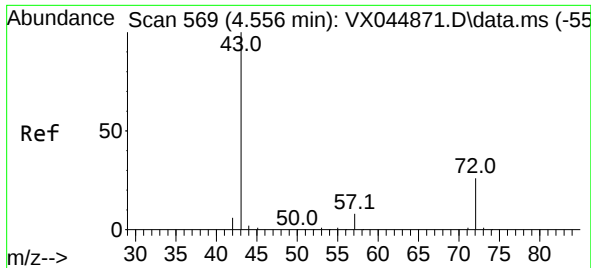
Tgt Ion: 43 Resp: 7866
Ion Ratio Lower Upper
43 100
58 32.6 26.5 39.7



#17
Carbon Disulfide
Concen: 2.017 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 76 Resp: 6303
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

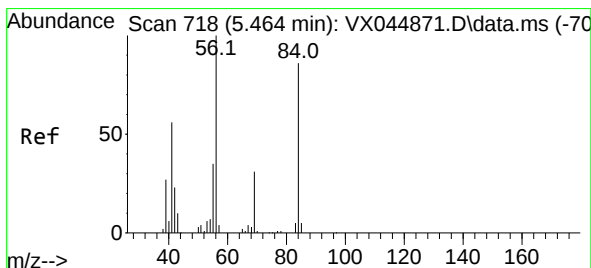
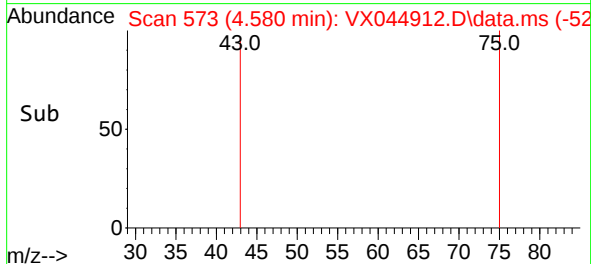
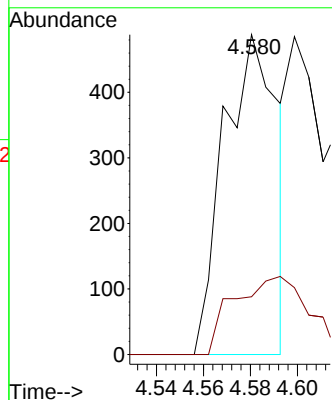
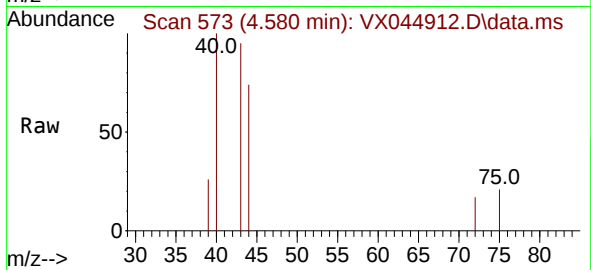




#25
2-Butanone
Concen: 0.918 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

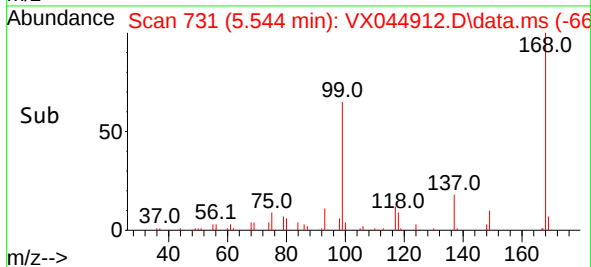
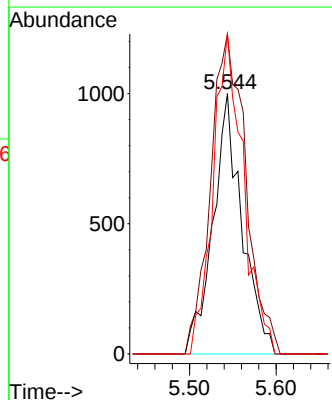
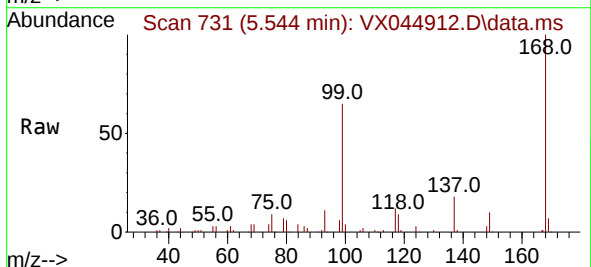
Instrument :
MSVOA_X
ClientSampleId :

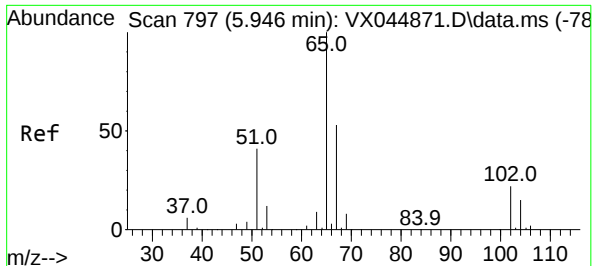
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
72 18.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 122.9 24.4 36.6#
84 122.8 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 55.035 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044912.D

Acq: 11 Feb 2025 17:33

Instrument :

MSVOA_X

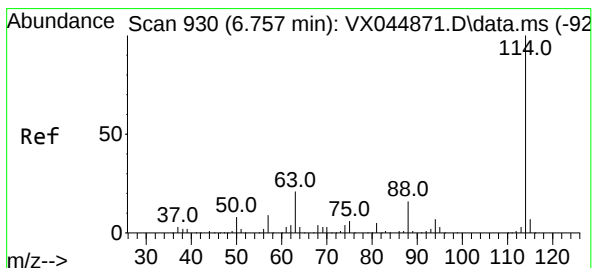
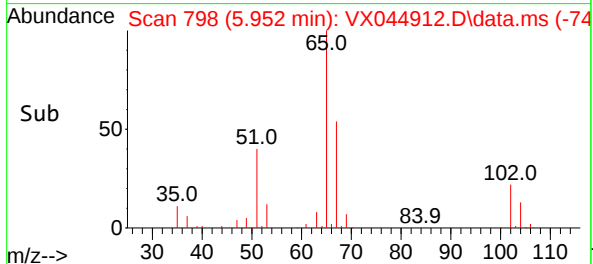
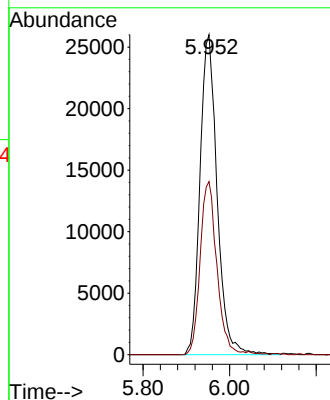
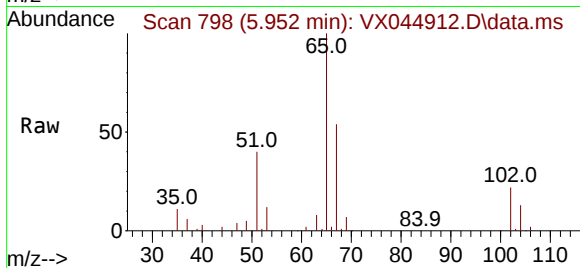
ClientSampleId :

Tgt Ion: 65 Resp: 71210

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044912.D

Acq: 11 Feb 2025 17:33

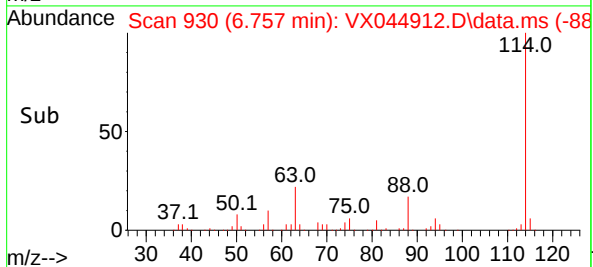
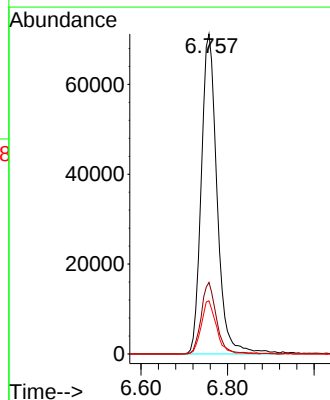
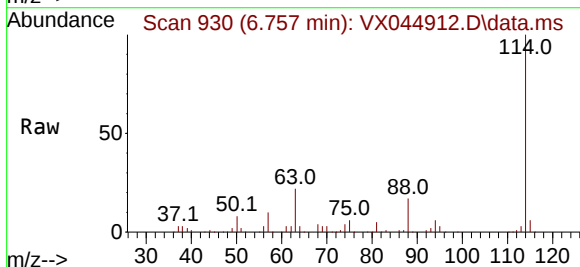
Tgt Ion: 114 Resp: 180540

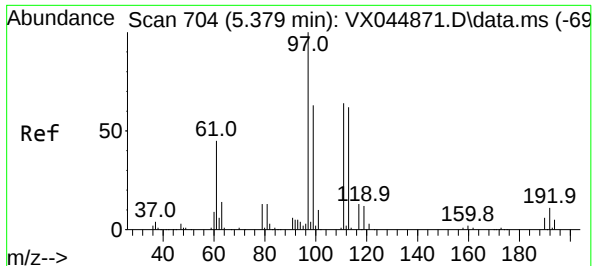
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044912.D

Acq: 11 Feb 2025 17:33

Instrument :

MSVOA_X

ClientSampleId :

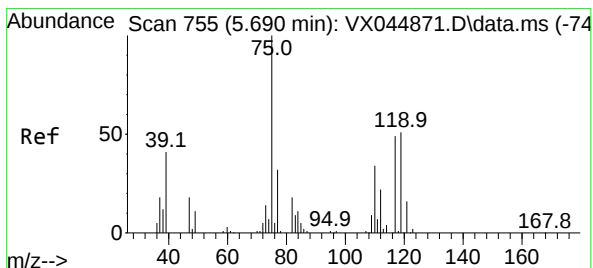
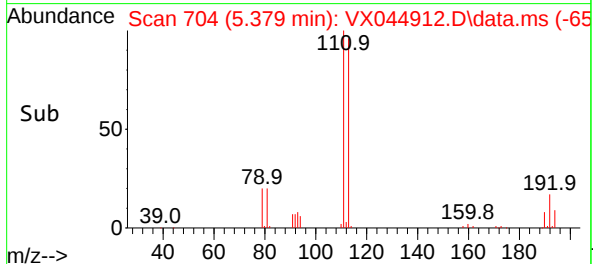
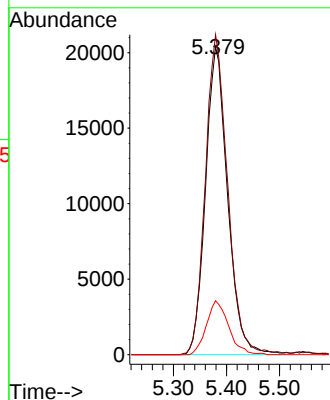
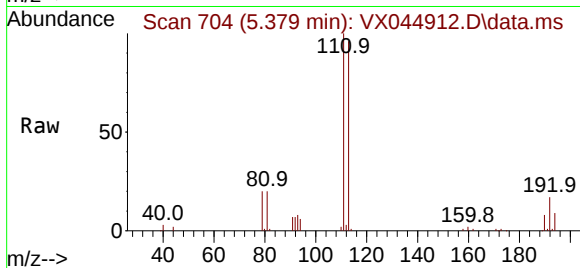
Tgt Ion:113 Resp: 59009

Ion Ratio Lower Upper

113 100

111 105.2 83.5 125.3

192 17.6 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.633 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX044912.D

Acq: 11 Feb 2025 17:33

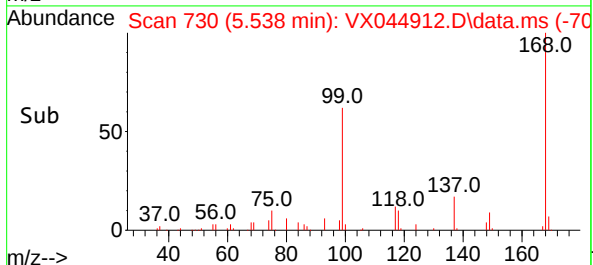
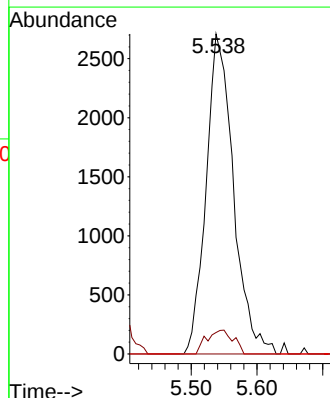
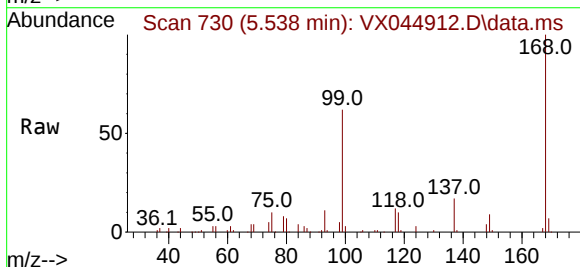
Tgt Ion: 75 Resp: 7846

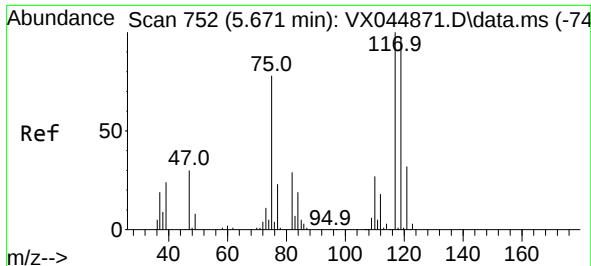
Ion Ratio Lower Upper

75 100

110 7.2 17.2 51.6#

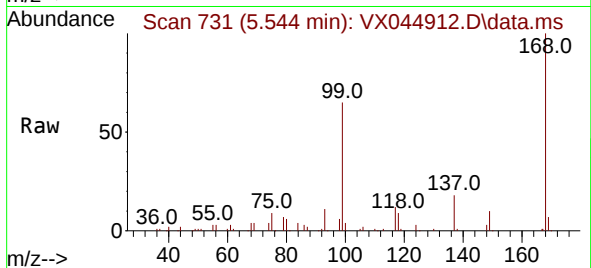
77 0.0 24.6 37.0#



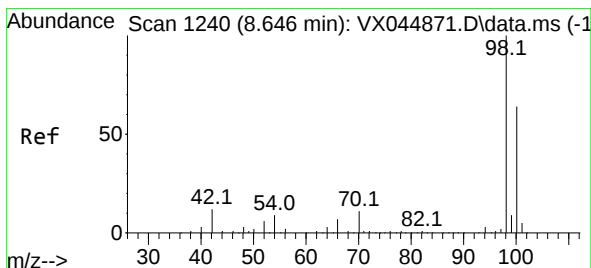
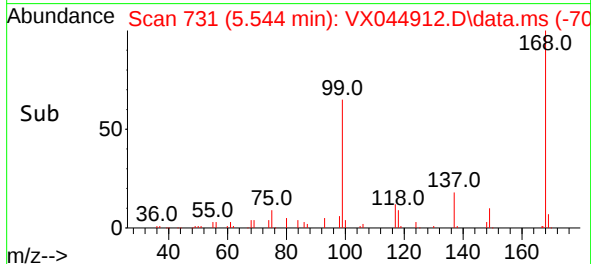
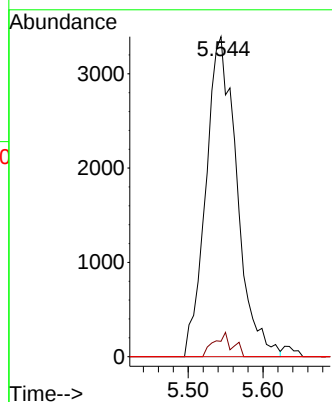


#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Instrument :
MSVOA_X
ClientSampleId :

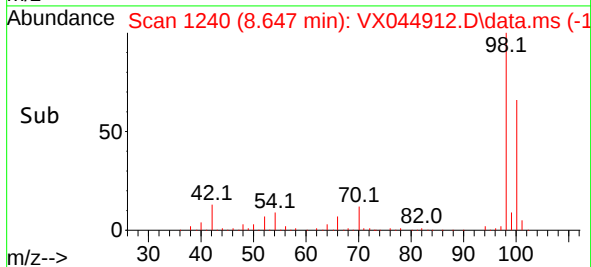
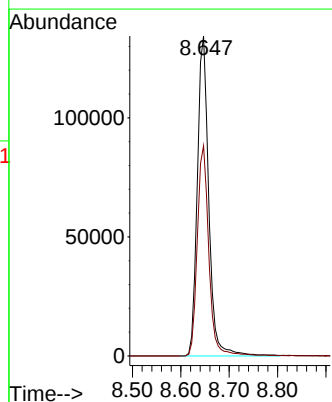
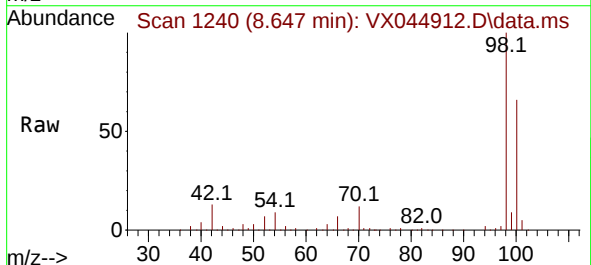


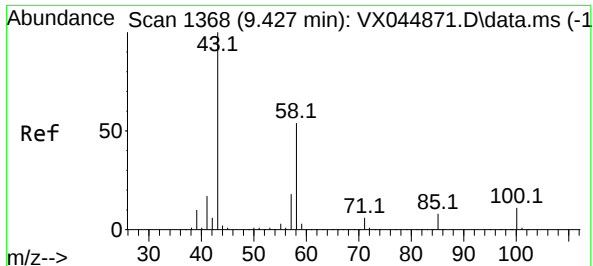
Tgt Ion:117 Resp: 9767
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 98 Resp: 220692
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

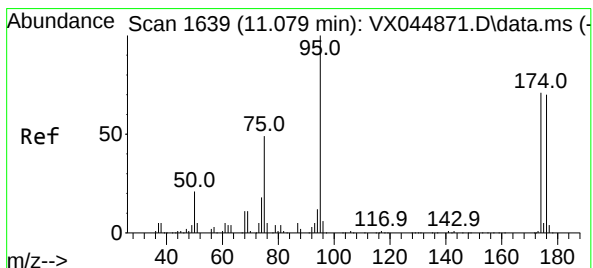
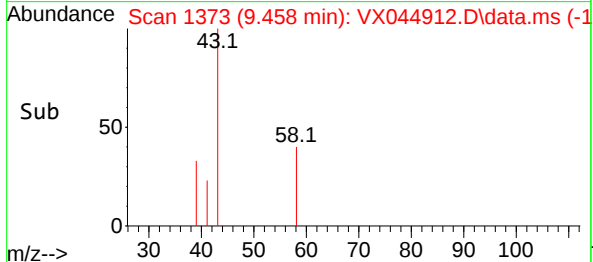
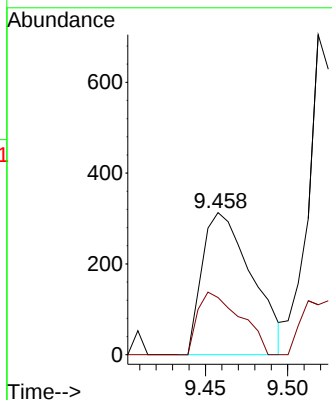
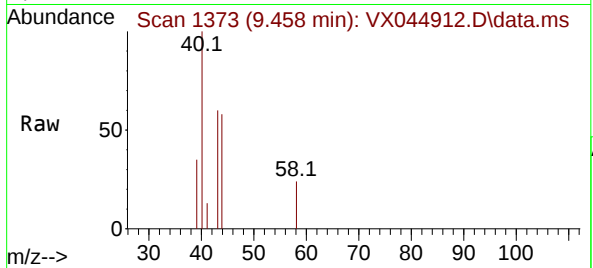




#59
2-Hexanone
Concen: 0.493 ug/l
RT: 9.458 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

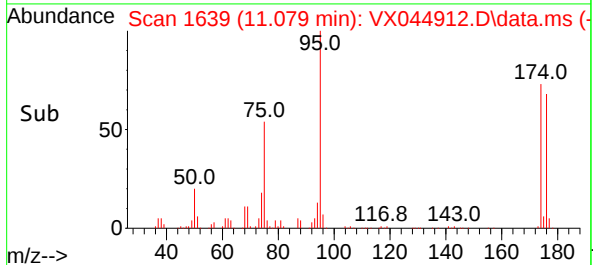
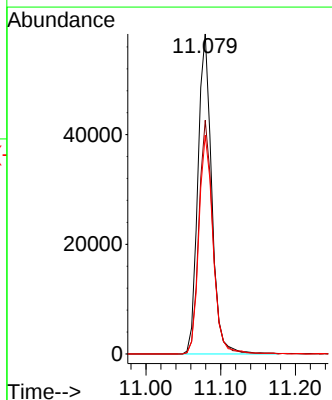
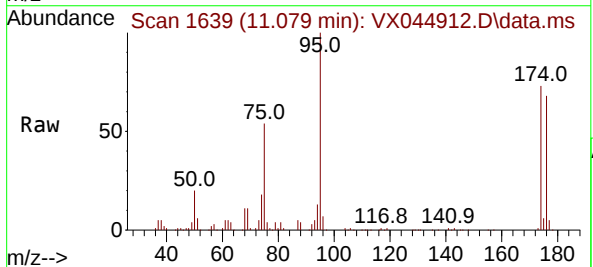
Instrument :
MSVOA_X
ClientSampleId :

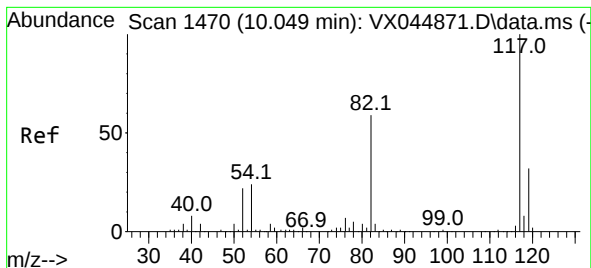
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
58 37.9 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 50.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion: 95 Resp: 74852
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 70.1 0.0 141.6

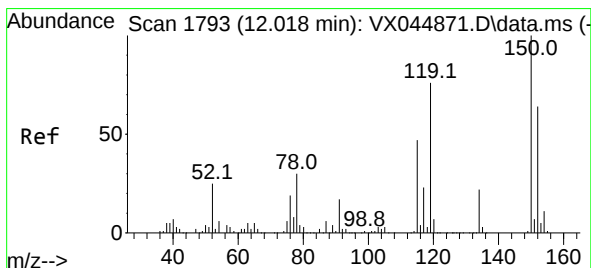
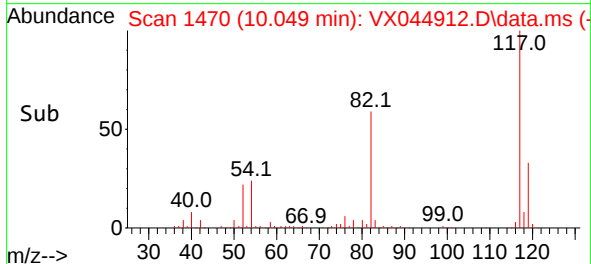
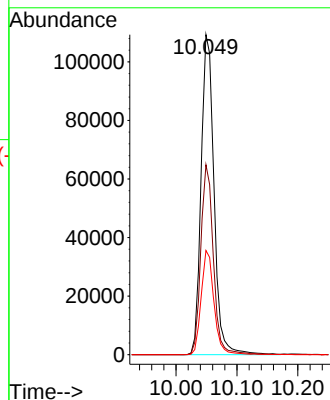
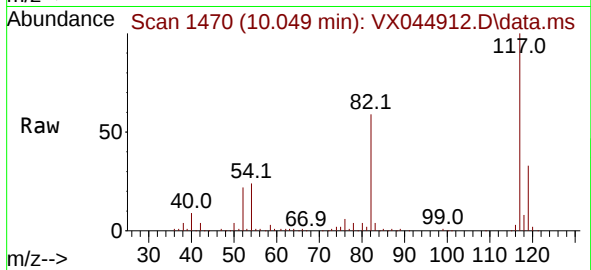




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

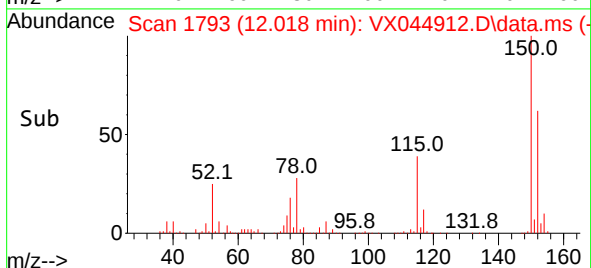
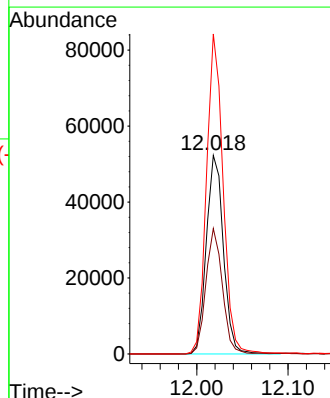
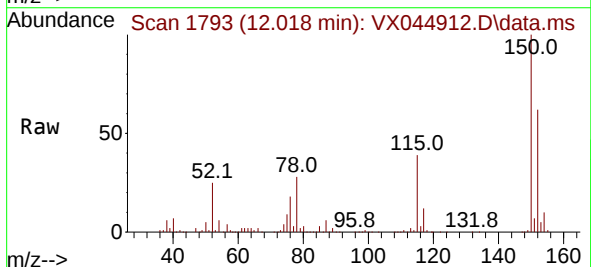
Instrument :
MSVOA_X
ClientSampleId :

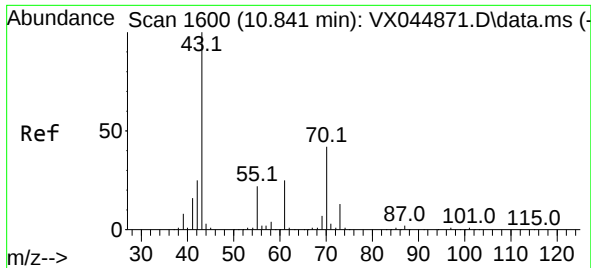
Tgt Ion:117 Resp: 161074
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Tgt Ion:152 Resp: 67868
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 156.3 0.0 350.4

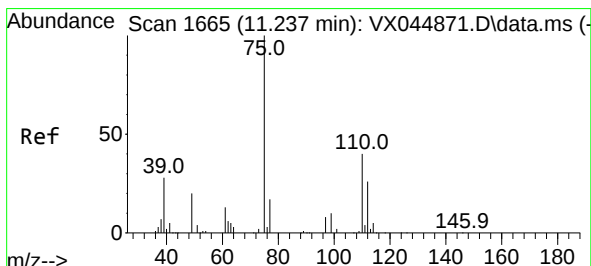
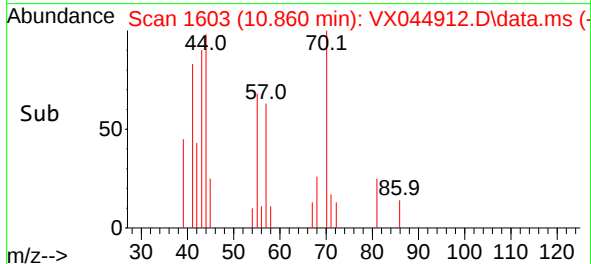
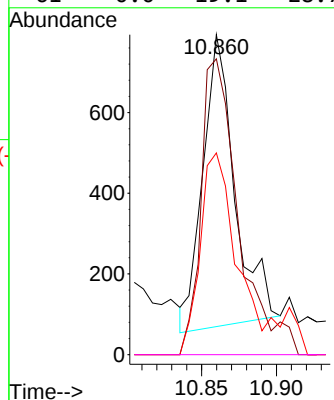
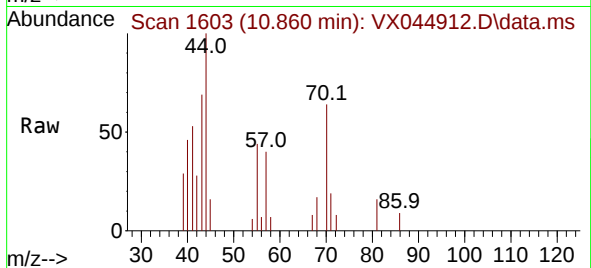




#74
N-amy1 acetate
Concen: 0.432 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.019 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

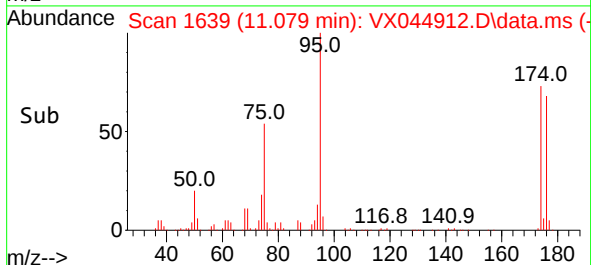
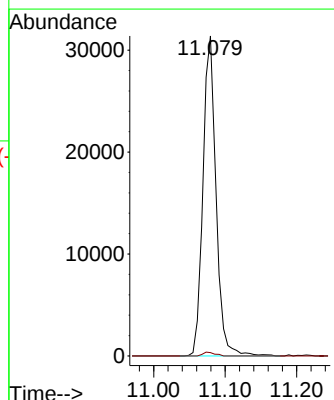
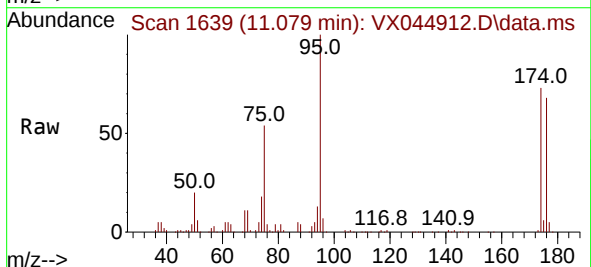
Instrument :
MSVOA_X
ClientSampleId :

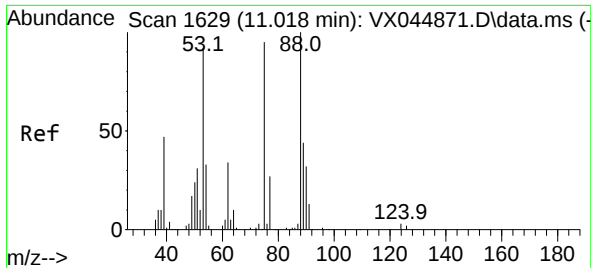
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
70 119.4 33.7 50.5#
55 83.6 18.6 27.8#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 26.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

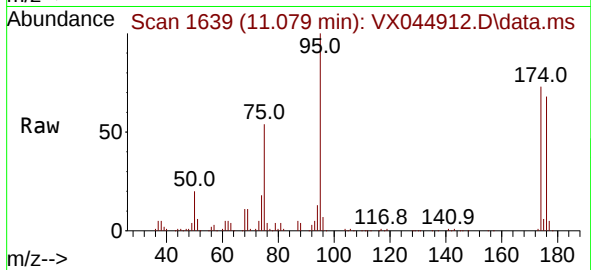
Tgt Ion: 75 Resp: 39905
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044912.D
Acq: 11 Feb 2025 17:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 39905
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

