

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044954.D
 Acq On : 14 Feb 2025 12:26
 Operator : JC/MD
 Sample : Q1347-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:14:12 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)

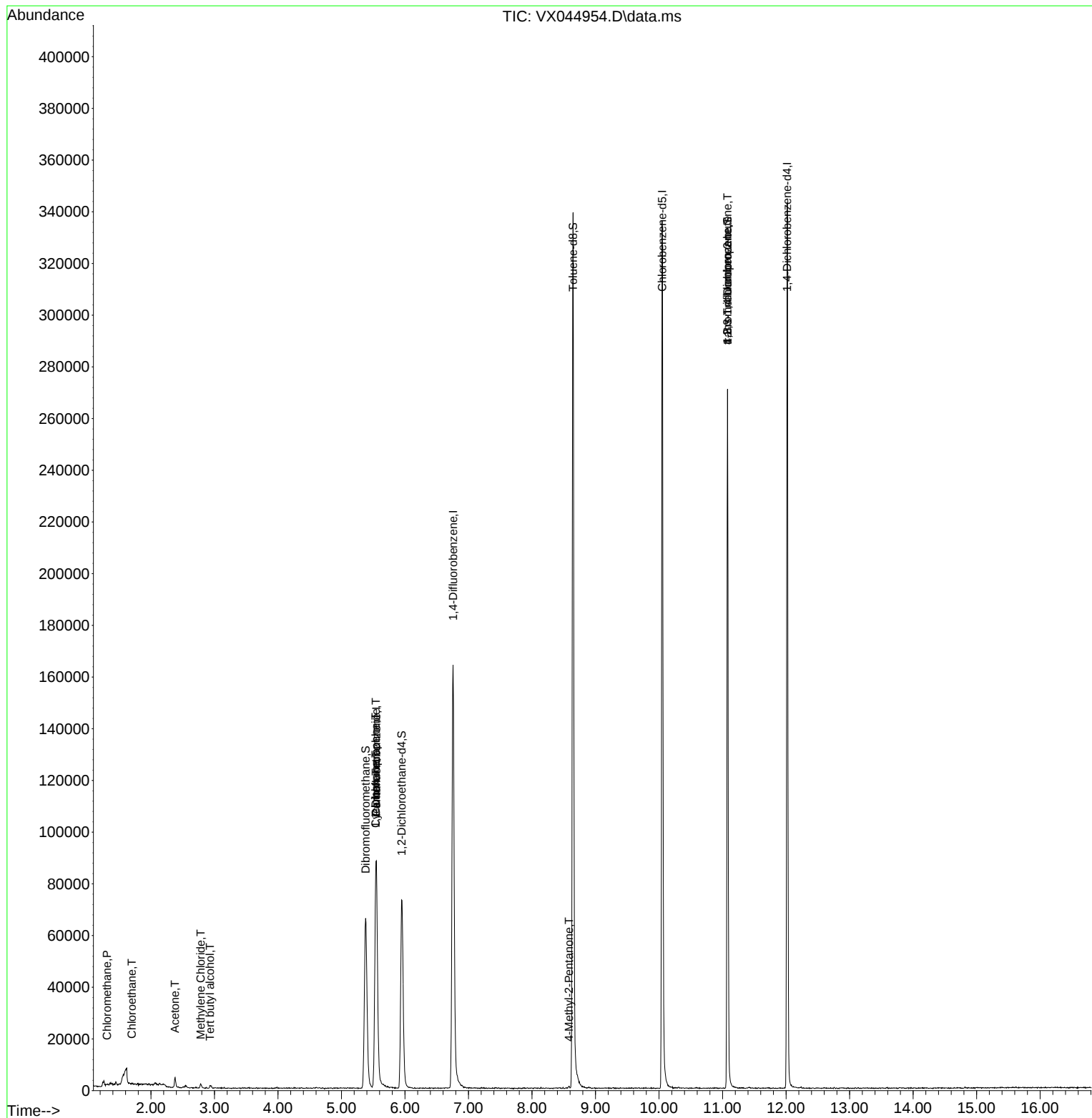
Internal Standards						
1) Pentafluorobenzene	5.550	168	84246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70435	57.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.240%	
35) Dibromofluoromethane	5.379	113	58500	52.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	8.647	98	209395	49.714	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.079	95	72716	51.210	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	481	0.334	ug/l	98
6) Chloroethane	1.697	64	27	1.382	ug/l #	42
11) Tert butyl alcohol	2.928	59	477	2.085	ug/l #	73
16) Acetone	2.380	43	3820	7.705	ug/l	100
20) Methylene Chloride	2.782	84	630	0.519	ug/l #	84
31) Cyclohexane	5.538	56	2216	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	7493	4.663	ug/l #	51
38) Carbon Tetrachloride	5.544	117	9122	5.792	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	532	0.303	ug/l #	72
76) 1,2,3-Trichloropropane	11.079	75	38265	26.569	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38265	68.347	ug/l #	11

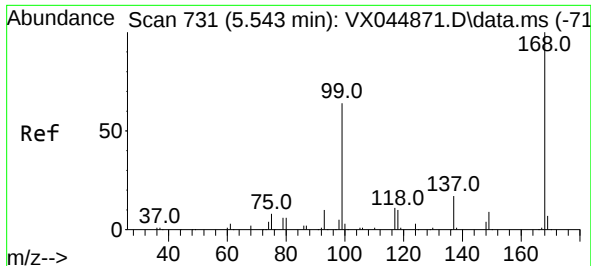
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

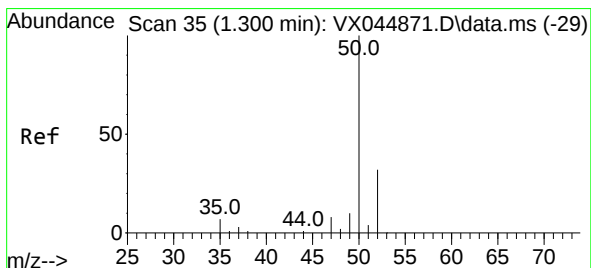
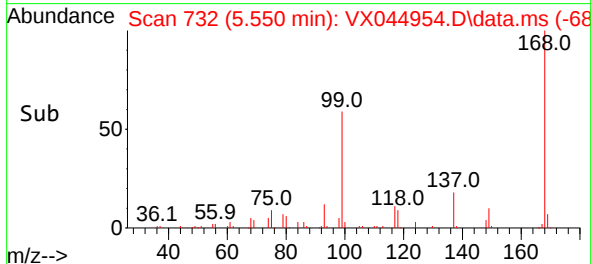
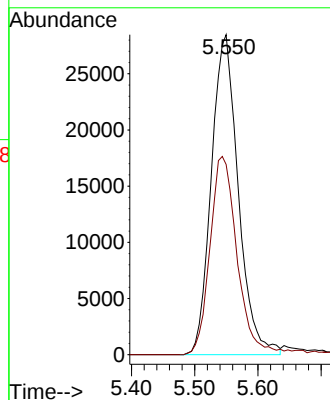
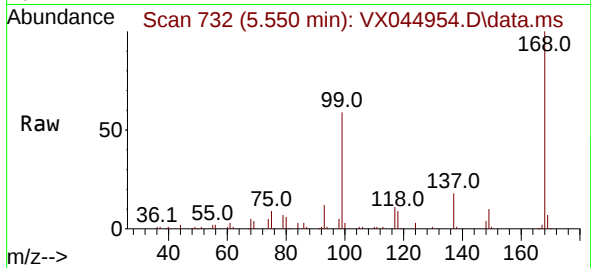




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

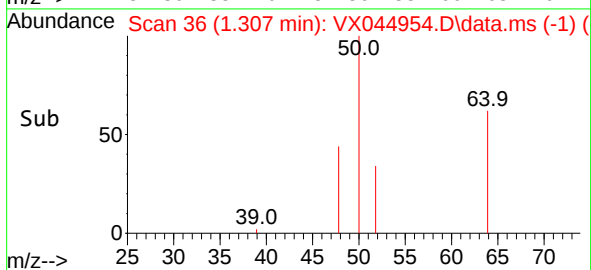
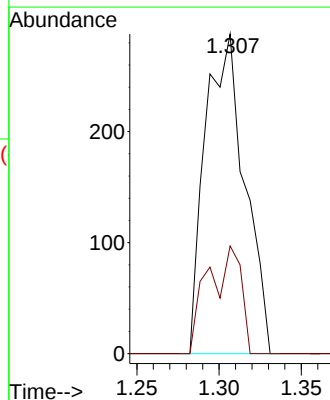
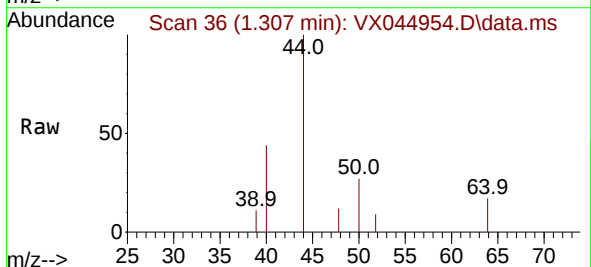
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 84246
Ion Ratio Lower Upper
168 100
99 59.4 51.2 76.8

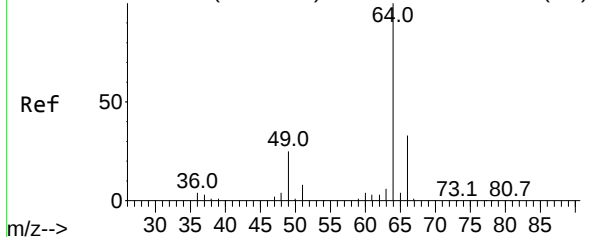


#3
Chloromethane
Concen: 0.334 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Tgt Ion: 50 Resp: 481
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



Abundance Scan 95 (1.666 min): VX044871.D\data.ms (-84)



#6

Chloroethane

Concen: 1.382 ug/l

RT: 1.697 min Scan# 10

Delta R.T. 0.031 min

Lab File: VX044954.D

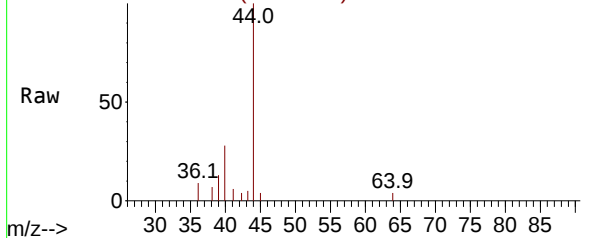
Acq: 14 Feb 2025 12:26

Instrument :

MSVOA_X

ClientSampleId :

Abundance Scan 100 (1.697 min): VX044954.D\data.ms



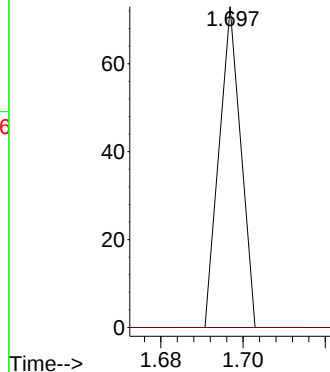
Tgt Ion: 64 Resp: 27

Ion Ratio Lower Upper

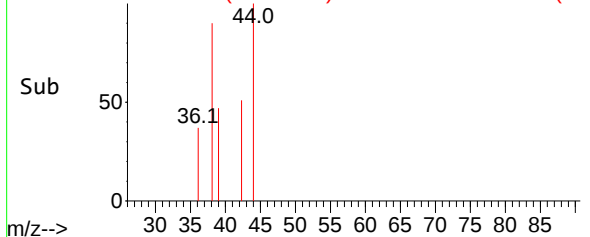
64 100

66 0.0 25.9 38.9#

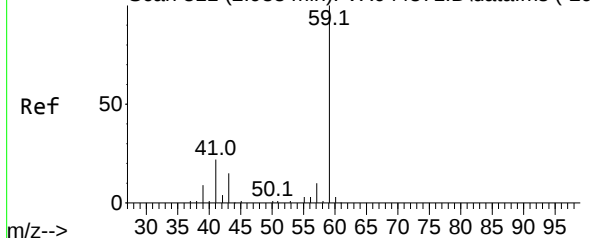
Abundance



Abundance Scan 100 (1.697 min): VX044954.D\data.ms (-46)



Abundance Scan 311 (2.983 min): VX044871.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 2.085 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.055 min

Lab File: VX044954.D

Acq: 14 Feb 2025 12:26

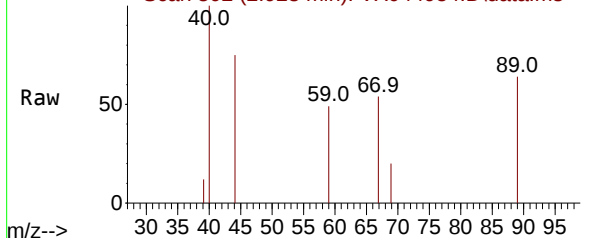
Tgt Ion: 59 Resp: 477

Ion Ratio Lower Upper

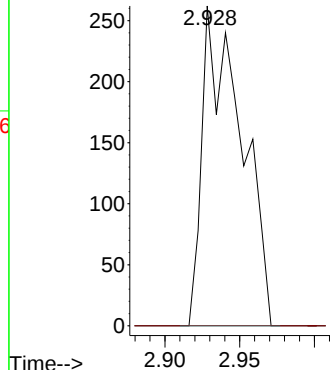
59 100

57 0.0 8.1 12.1#

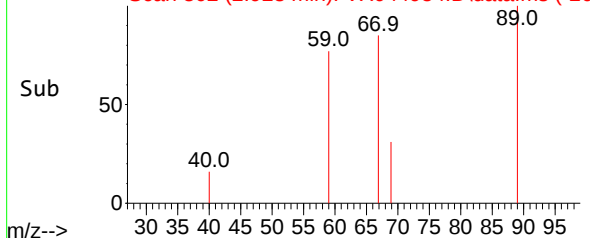
Abundance Scan 302 (2.928 min): VX044954.D\data.ms

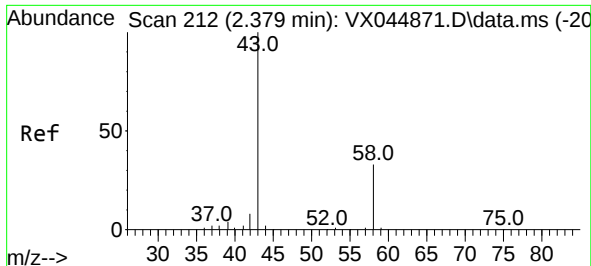


Abundance



Abundance Scan 302 (2.928 min): VX044954.D\data.ms (-26)

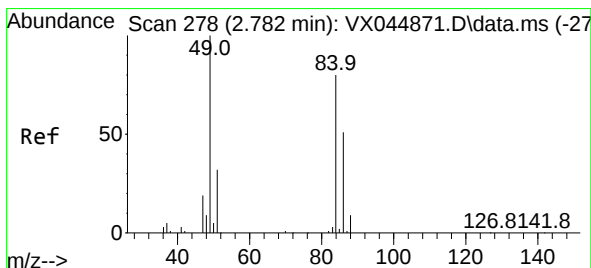
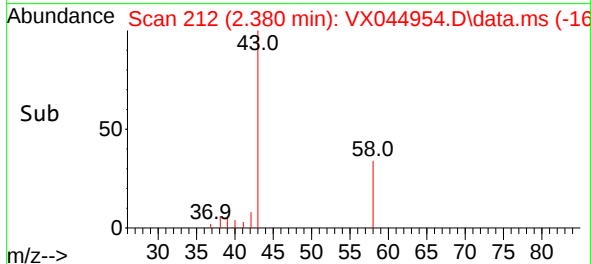
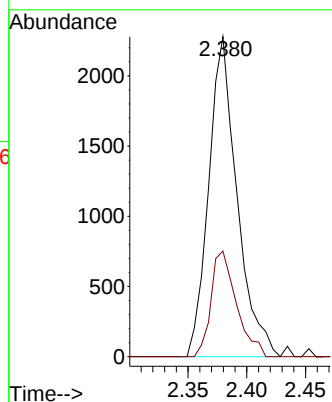
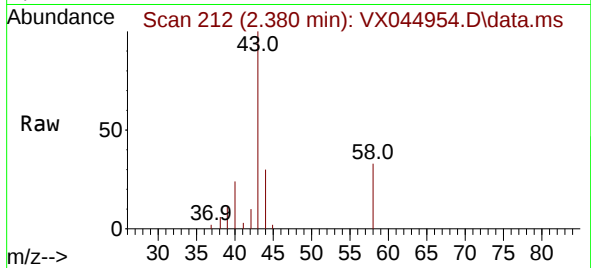




#16
Acetone
Concen: 7.705 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

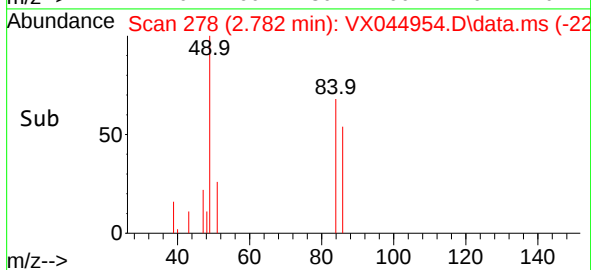
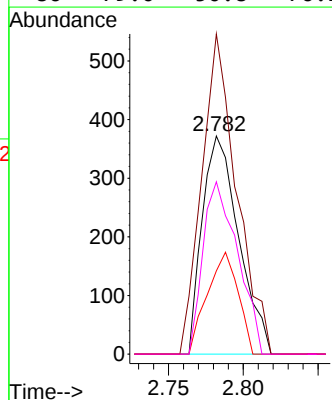
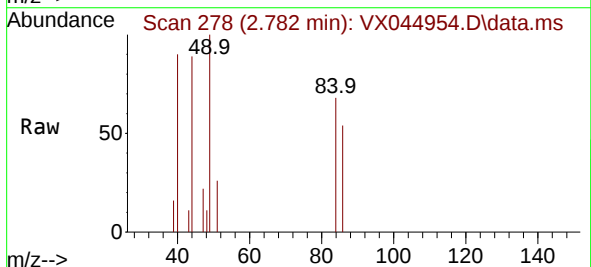
Instrument :
MSVOA_X
ClientSampleId :

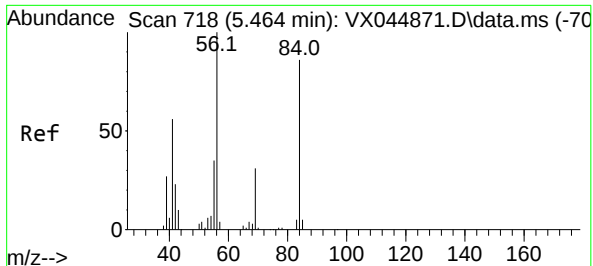
Tgt Ion: 43 Resp: 3820
Ion Ratio Lower Upper
43 100
58 33.0 26.5 39.7



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

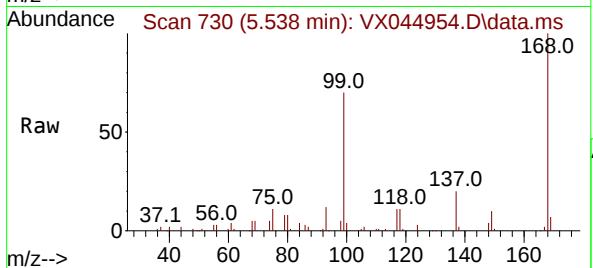
Tgt Ion: 84 Resp: 630
Ion Ratio Lower Upper
84 100
49 146.8 100.1 150.1
51 38.2 31.7 47.5
86 79.0 50.8 76.2



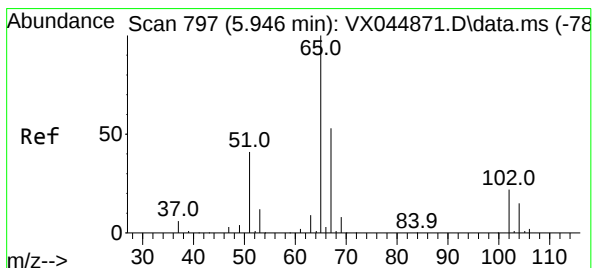
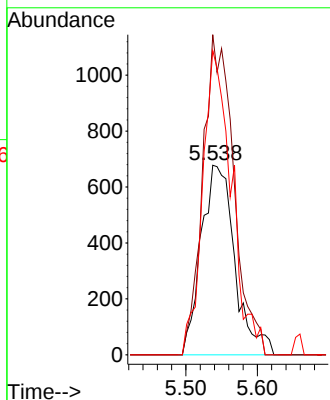
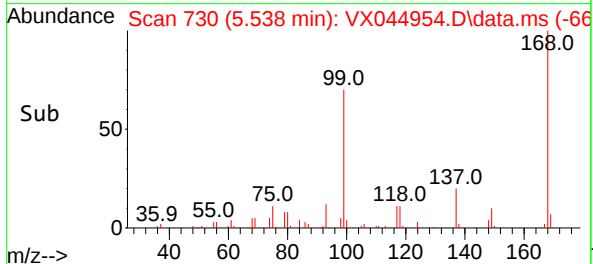


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :

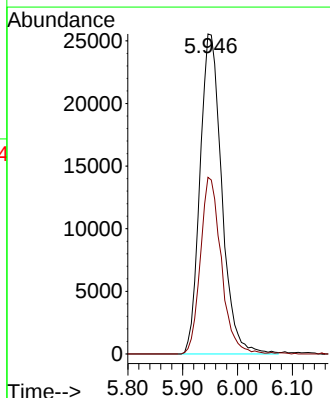
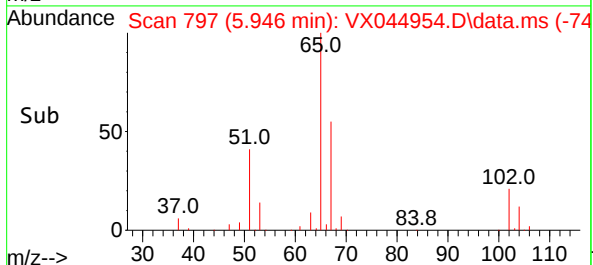
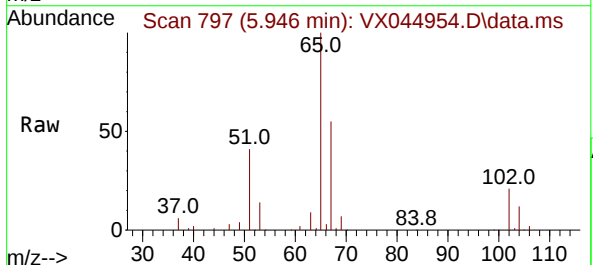


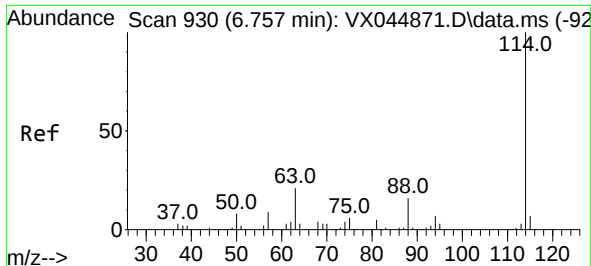
Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
69 168.9 24.4 36.6#
84 160.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 57.115 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Tgt Ion: 65 Resp: 70435
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

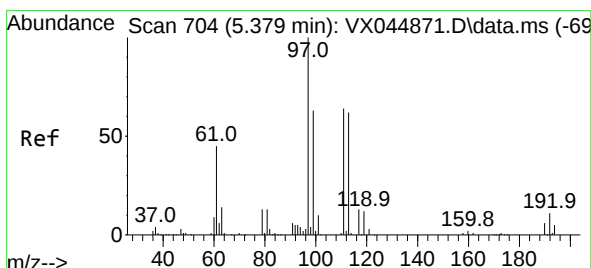
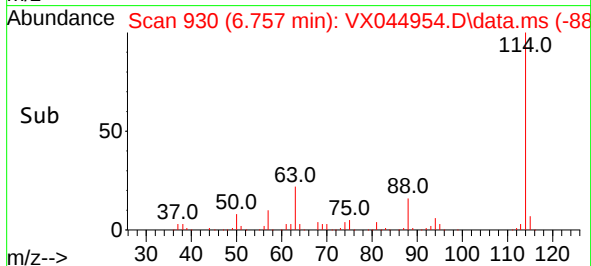
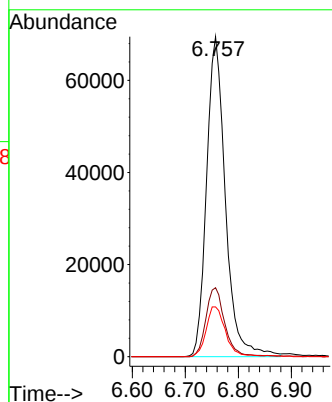
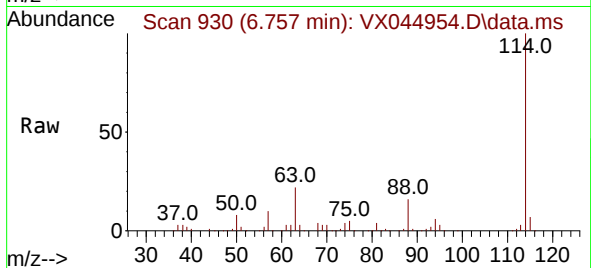




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

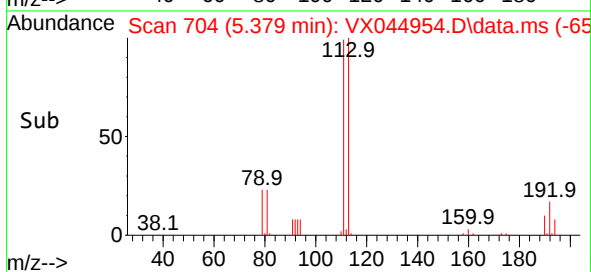
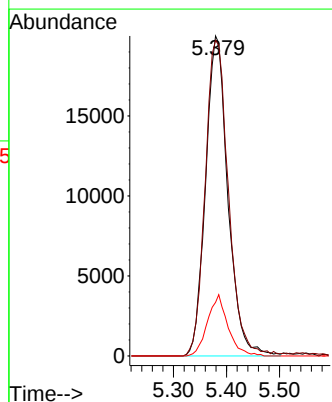
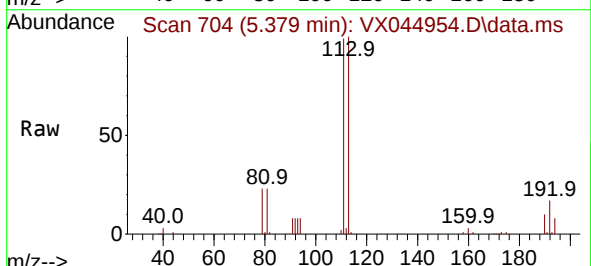
Instrument :
MSVOA_X
ClientSampleId :

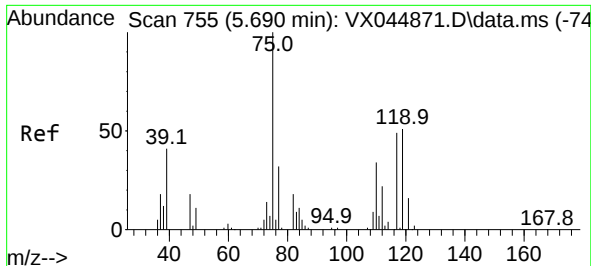
Tgt Ion:114 Resp: 171322
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.519 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

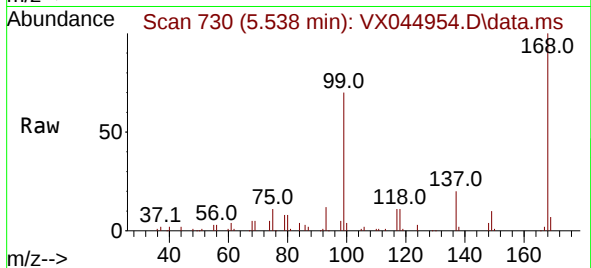
Tgt Ion:113 Resp: 58500
Ion Ratio Lower Upper
113 100
111 102.8 83.5 125.3
192 17.5 14.4 21.6



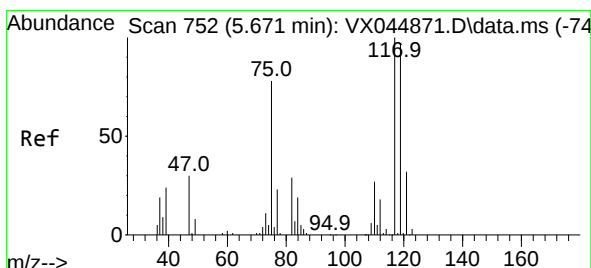
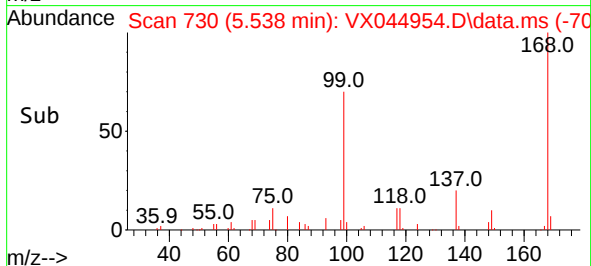
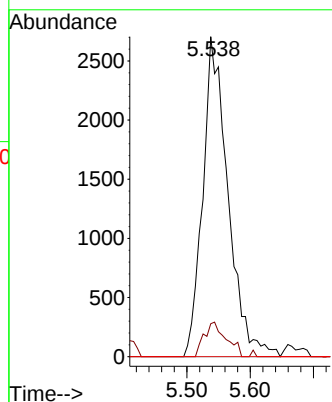


#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :

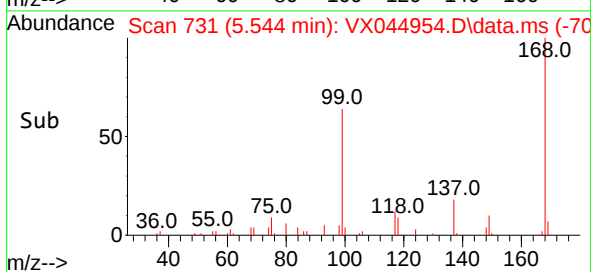
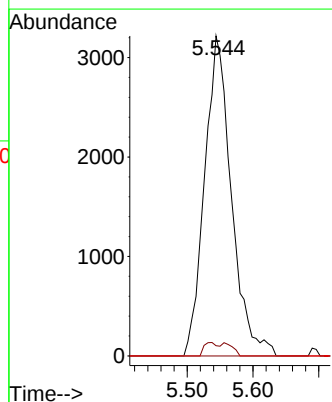
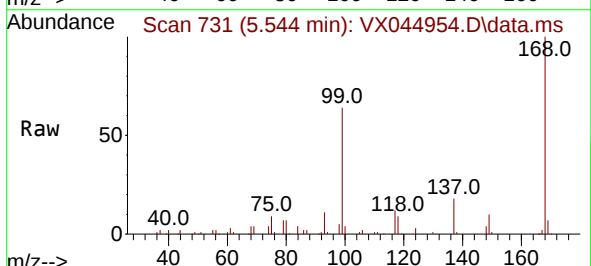


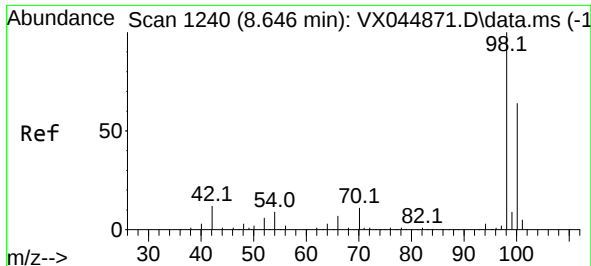
Tgt Ion: 75 Resp: 7493
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Tgt Ion: 117 Resp: 9122
Ion Ratio Lower Upper
117 100
119 3.2 77.5 116.3#
121 0.0 25.6 38.4#

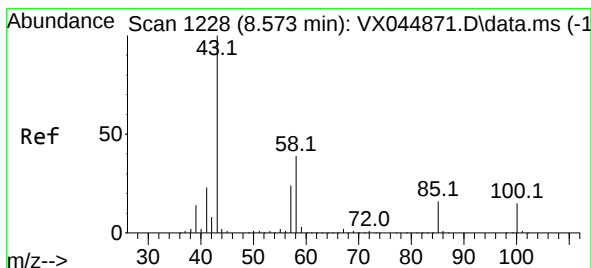
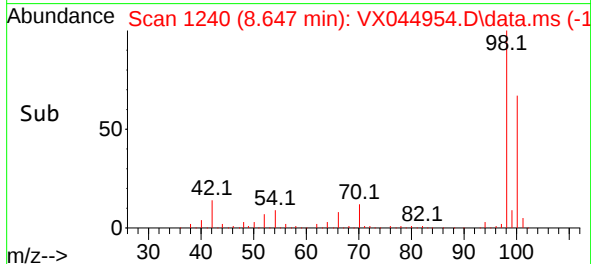
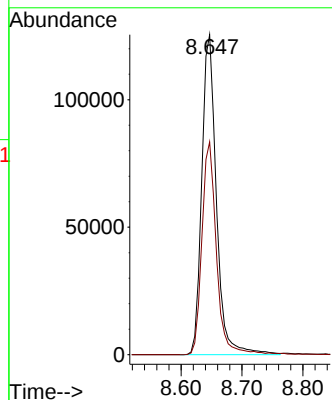
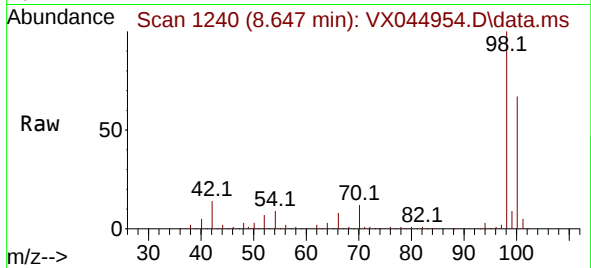




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

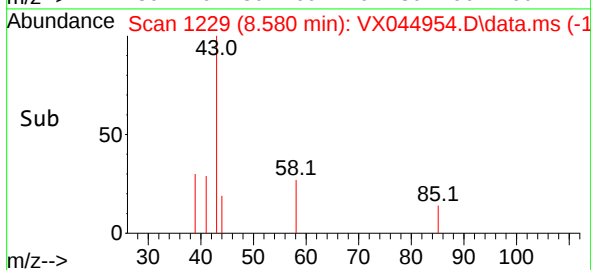
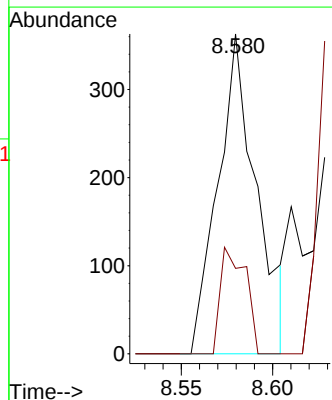
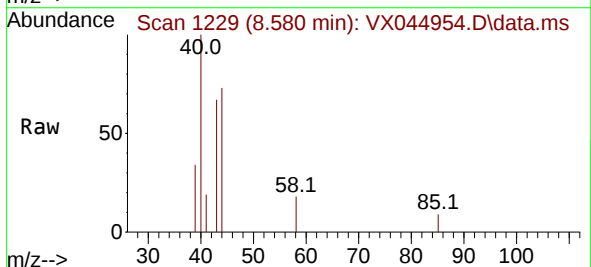
Instrument :
MSVOA_X
ClientSampleId :

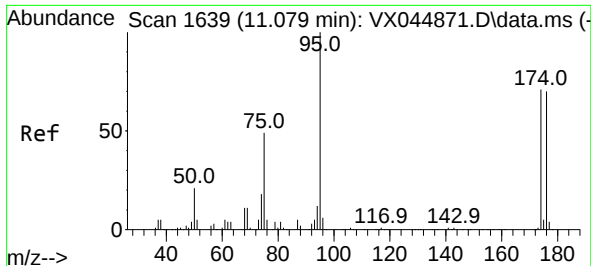
Tgt Ion: 98 Resp: 209395
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.303 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 21.8 30.8 46.2#

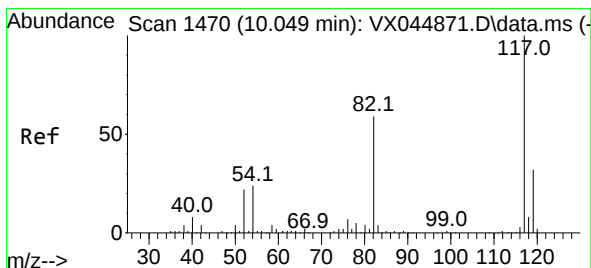
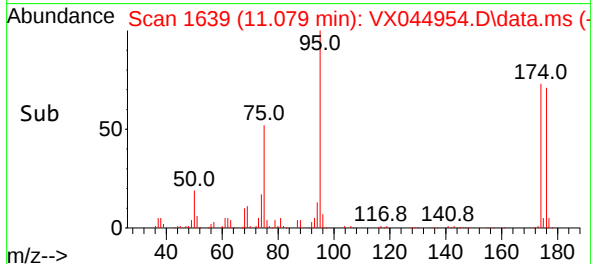
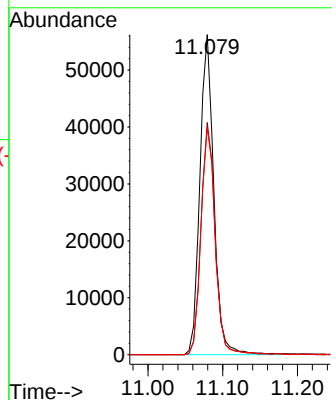
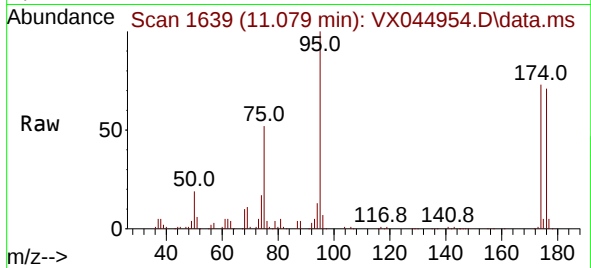




#62
4-Bromofluorobenzene
Concen: 51.210 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

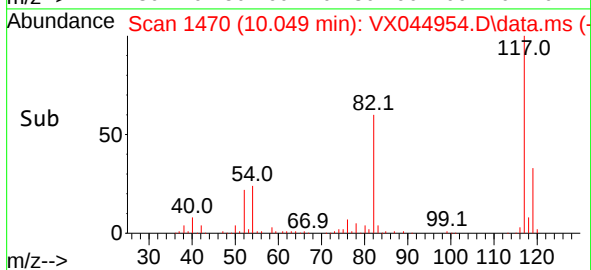
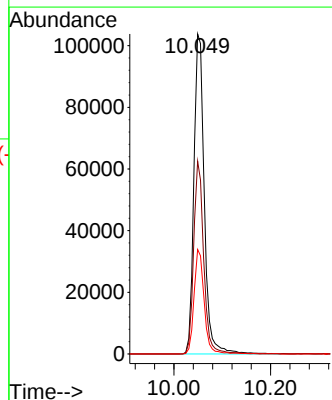
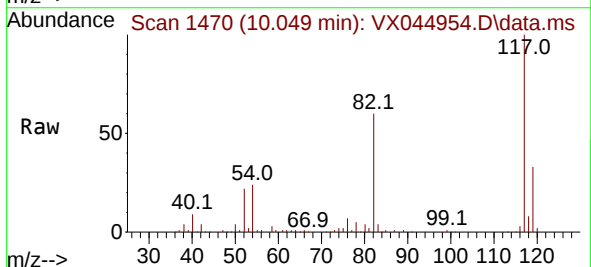
Instrument :
MSVOA_X
ClientSampleId :

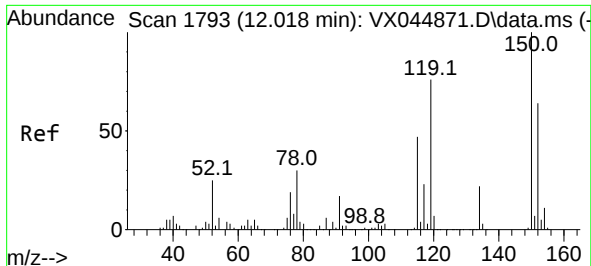
Tgt Ion: 95 Resp: 72716
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 72.2 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Tgt Ion: 117 Resp: 154790
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 32.6 25.4 38.0

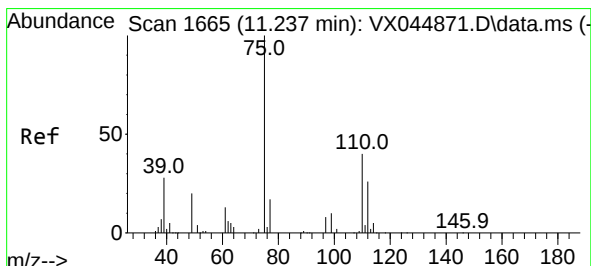
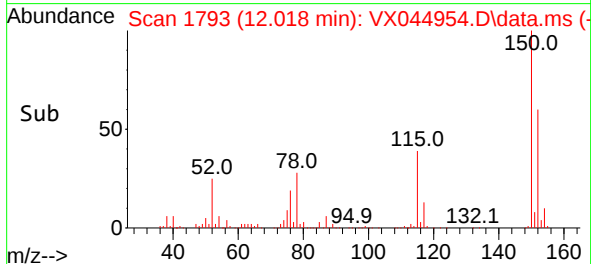
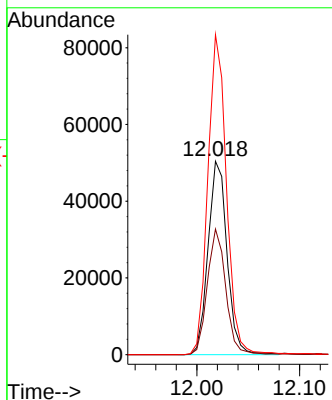
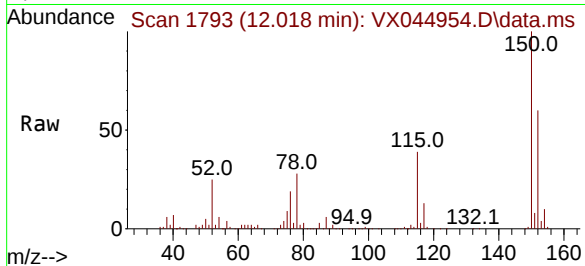




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044954.D
 Acq: 14 Feb 2025 12:26

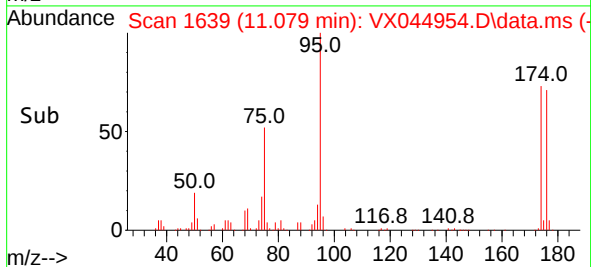
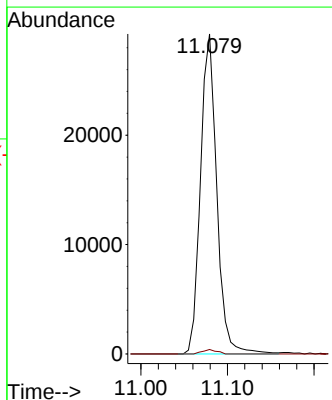
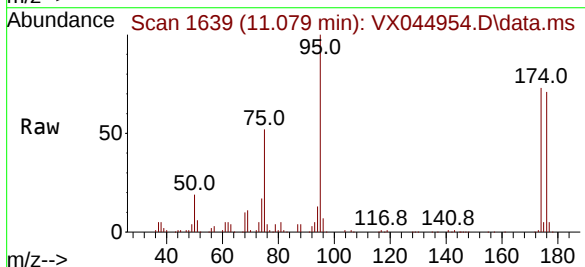
Instrument :
 MSVOA_X
 ClientSampleId :

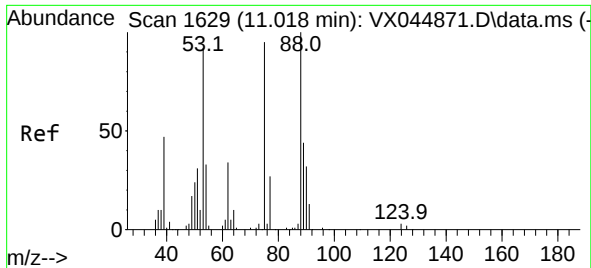
Tgt Ion:152 Resp: 64957
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.4 130.1
 150 162.8 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.569 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044954.D
 Acq: 14 Feb 2025 12:26

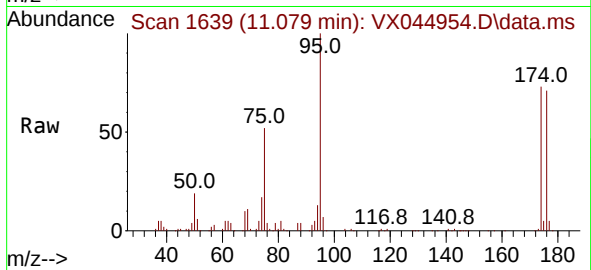
Tgt Ion: 75 Resp: 38265
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.347 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044954.D
Acq: 14 Feb 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 38265
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

