

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044938.D
 Acq On : 12 Feb 2025 17:07
 Operator : JC/MD
 Sample : Q1355-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:52:12 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)

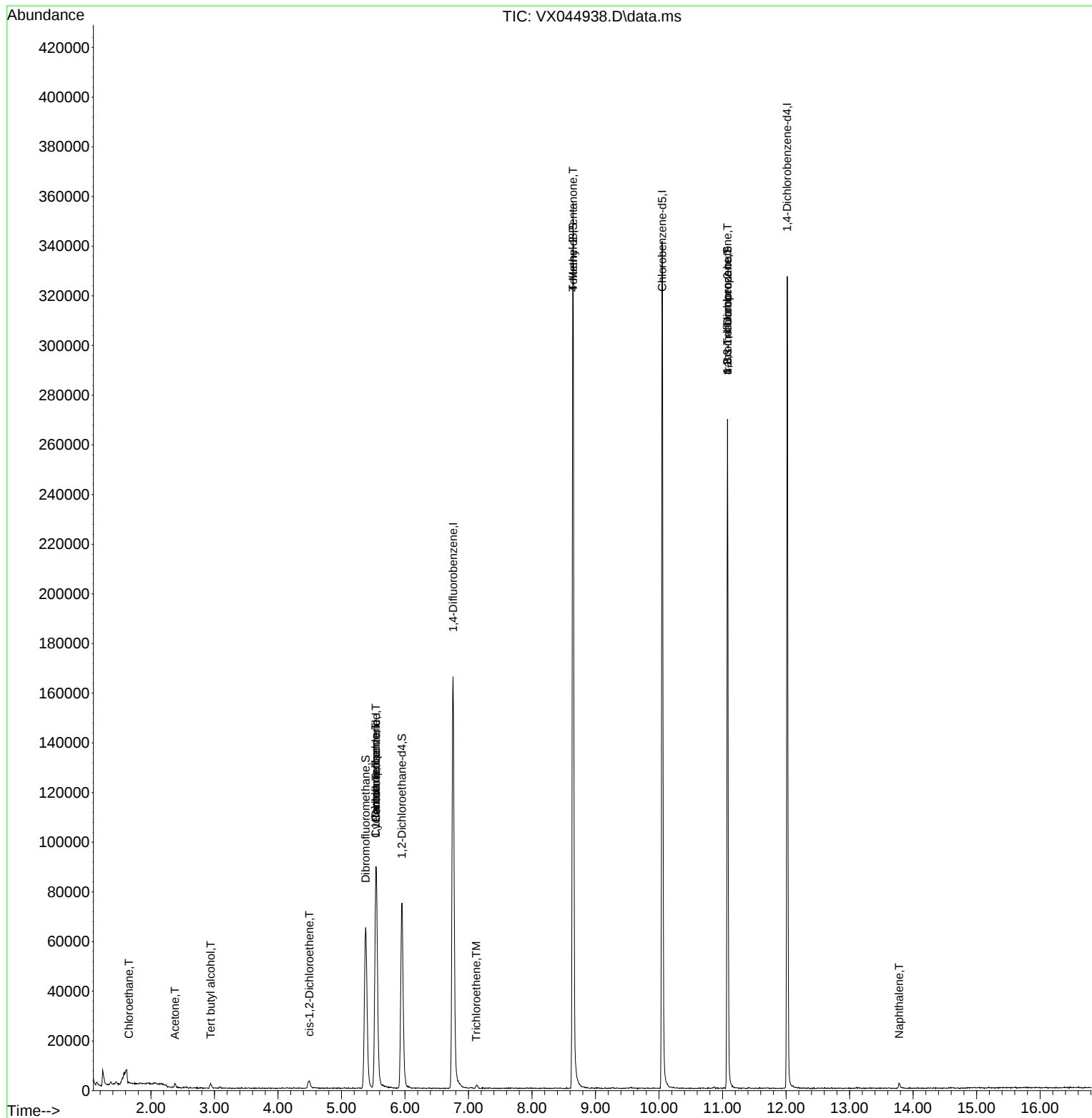
Internal Standards						
1) Pentafluorobenzene	5.544	168	85678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69720	55.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.180%
35) Dibromofluoromethane	5.379	113	58379	51.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.560%
50) Toluene-d8	8.647	98	216198	50.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	71446	49.708	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	250	1.705	ug/l #	42
11) Tert butyl alcohol	2.941	59	1073	4.612	ug/l #	73
16) Acetone	2.380	43	1848	3.665	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	2073	1.588	ug/l	94
31) Cyclohexane	5.538	56	2188	1.123	ug/l #	44
36) 1,1-Dichloropropene	5.538	75	7572	4.655	ug/l #	48
38) Carbon Tetrachloride	5.544	117	9130	5.728	ug/l #	16
44) Trichloroethene	7.123	130	567	0.488	ug/l	65
51) 4-Methyl-2-Pentanone	8.647	43	1113	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38187	27.681	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38187	71.205	ug/l #	11
95) Naphthalene	13.780	128	2579	0.574	ug/l #	90

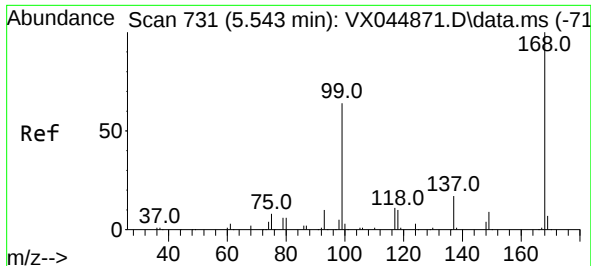
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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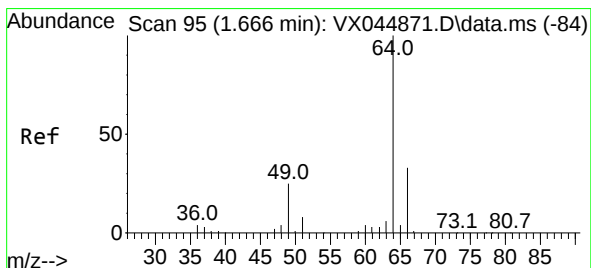
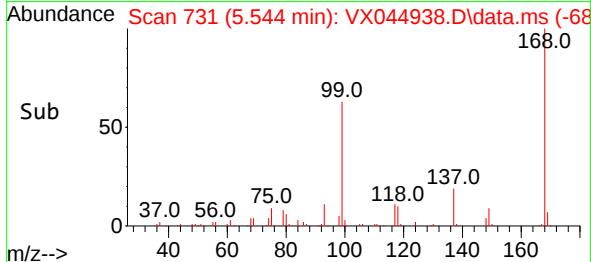
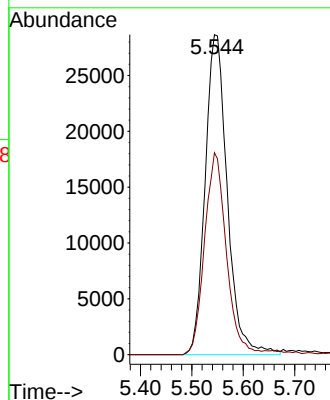
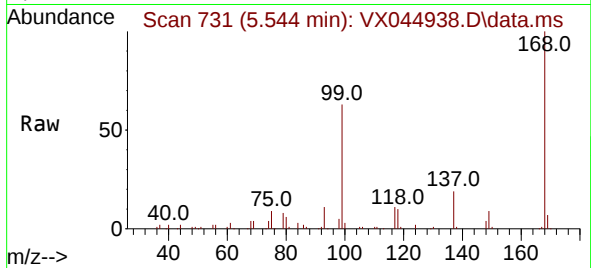




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

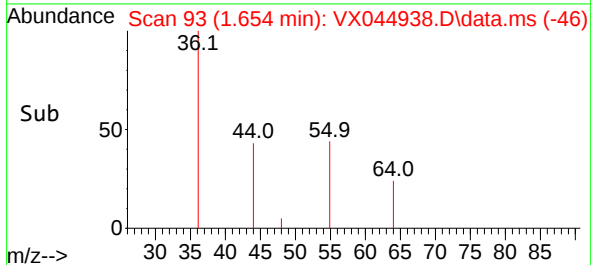
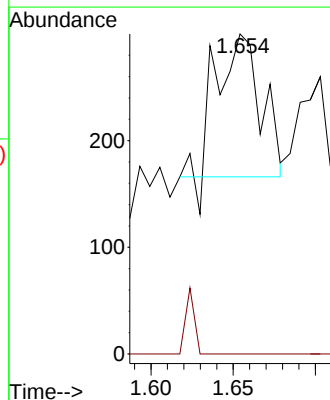
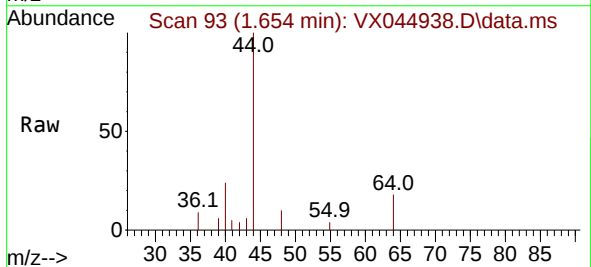
Instrument :
MSVOA_X
ClientSampleId :

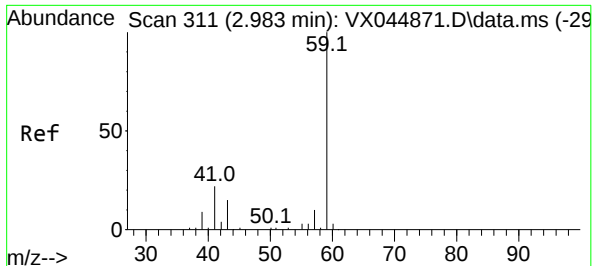
Tgt Ion:168 Resp: 85678
Ion Ratio Lower Upper
168 100
99 63.1 51.2 76.8



#6
Chloroethane
Concen: 1.705 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 64 Resp: 250
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

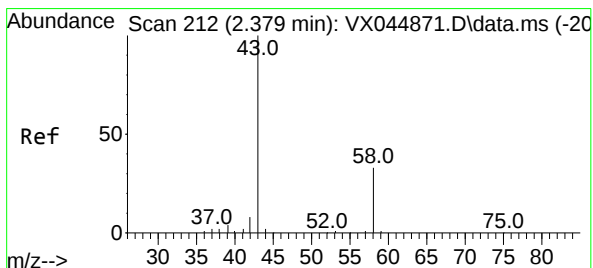
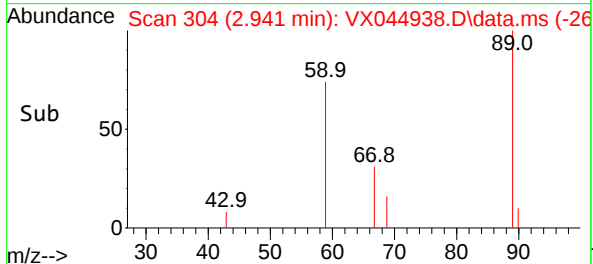
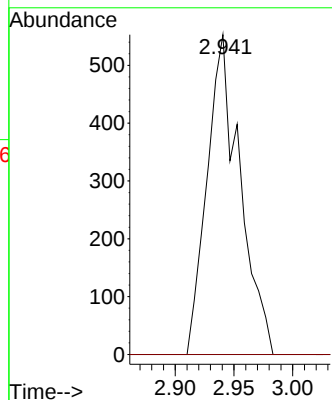
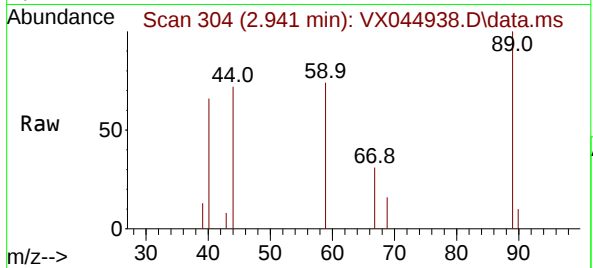




#11
Tert butyl alcohol
Concen: 4.612 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

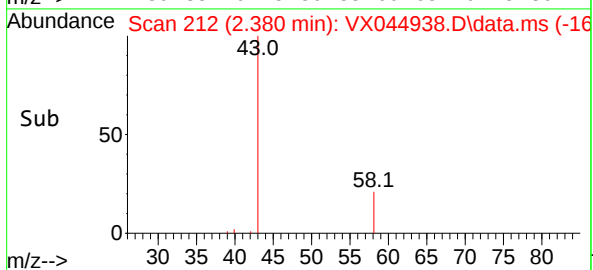
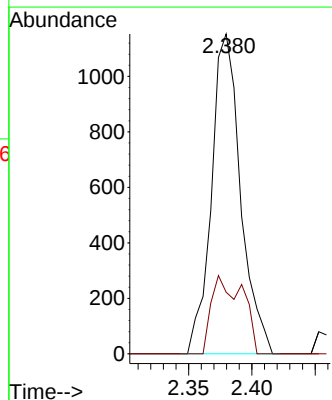
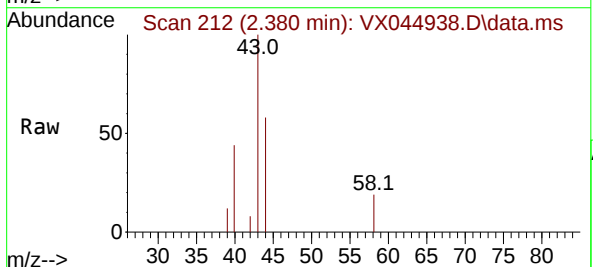
Instrument :
MSVOA_X
ClientSampleId :

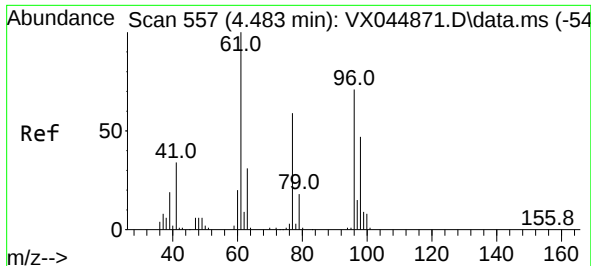
Tgt Ion: 59 Resp: 1073
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 3.665 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

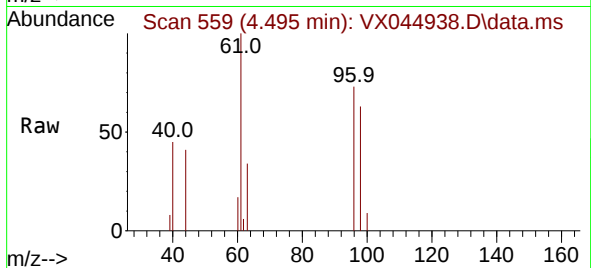
Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 19.3 26.5 39.7#





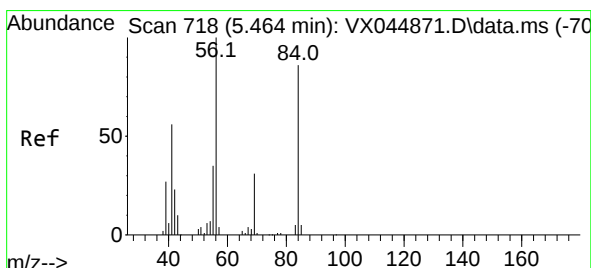
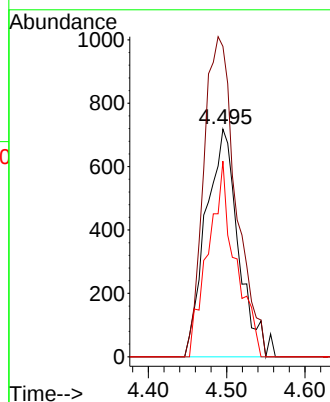
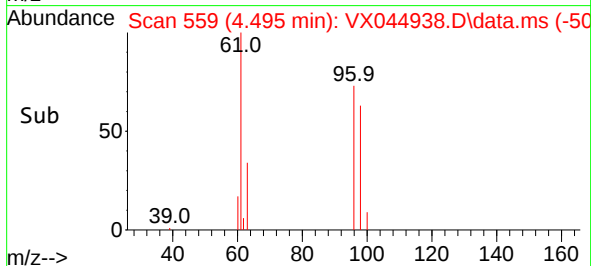
#27
 cis-1,2-Dichloroethene
 Concen: 1.588 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VX044938.D
 Acq: 12 Feb 2025 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

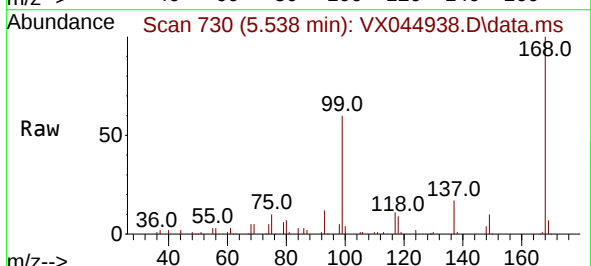


Tgt Ion: 96 Resp: 2073

Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	294.0
98	71.6	0.0	131.2

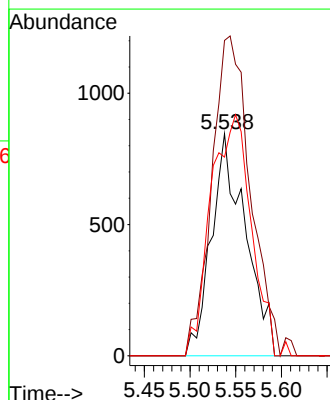
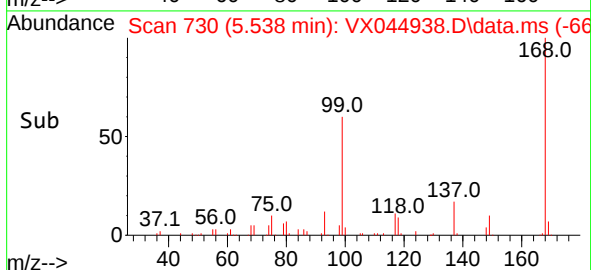


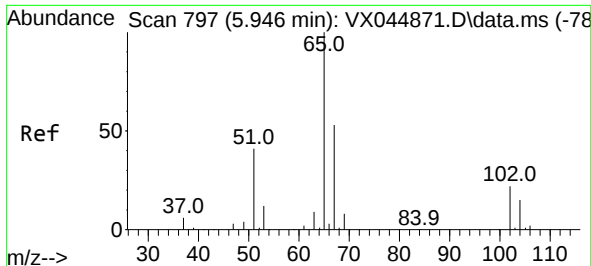
#31
 Cyclohexane
 Concen: 1.123 ug/l
 RT: 5.538 min Scan# 730
 Delta R.T. 0.074 min
 Lab File: VX044938.D
 Acq: 12 Feb 2025 17:07



Tgt Ion: 56 Resp: 2188

Ion	Ratio	Lower	Upper
56	100		
69	142.0	24.4	36.6#
84	89.5	69.0	103.6

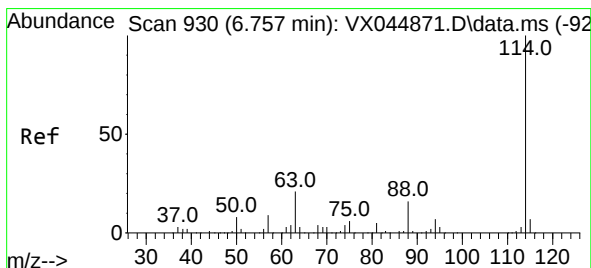
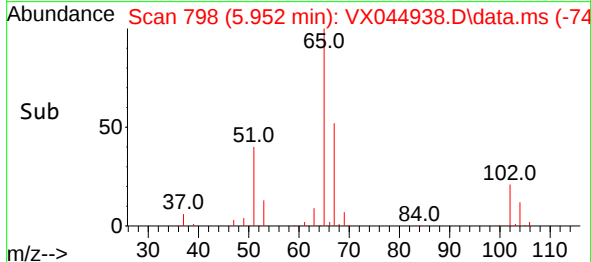
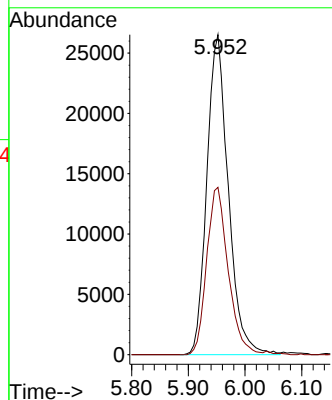
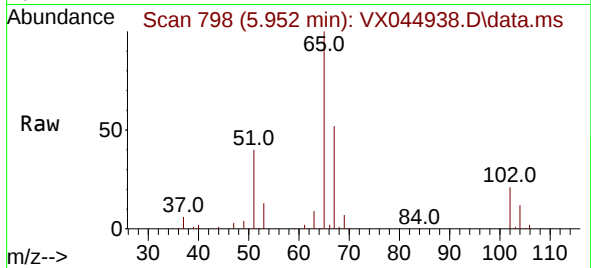




#33
 1,2-Dichloroethane-d4
 Concen: 55.590 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044938.D
 Acq: 12 Feb 2025 17:07

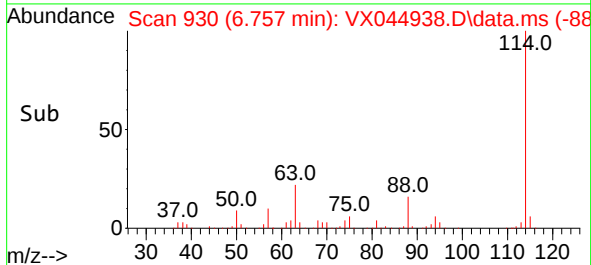
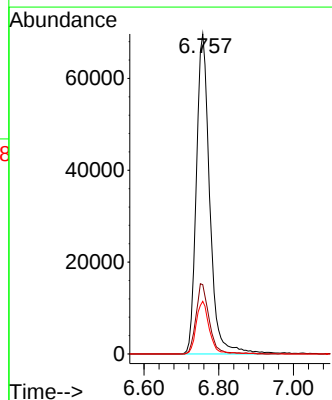
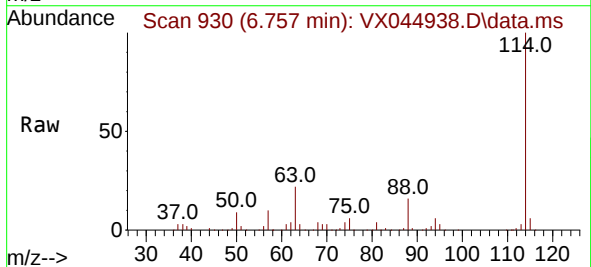
Instrument :
 MSVOA_X
 ClientSampleId :

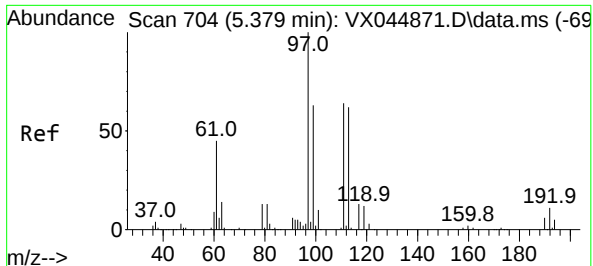
Tgt Ion: 65 Resp: 69720
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044938.D
 Acq: 12 Feb 2025 17:07

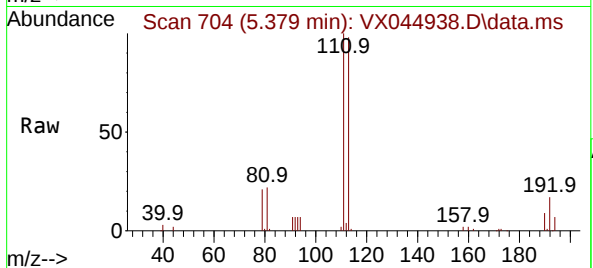
Tgt Ion: 114 Resp: 173415
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 16.4 0.0 31.4



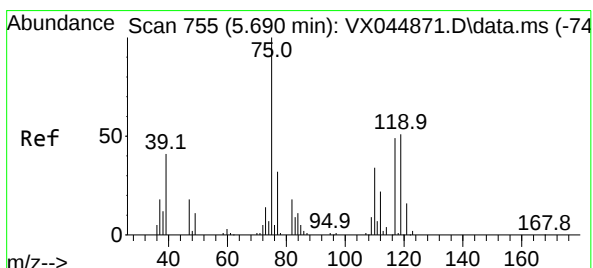
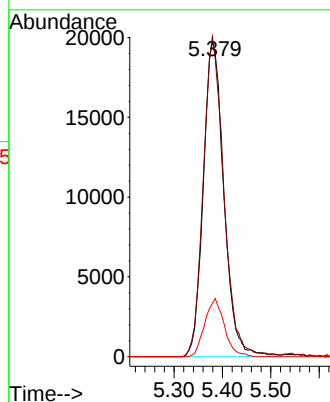
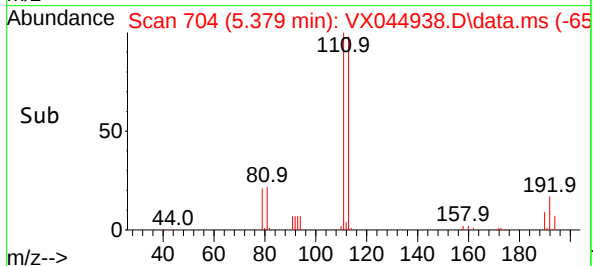


#35
Dibromofluoromethane
Concen: 51.778 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

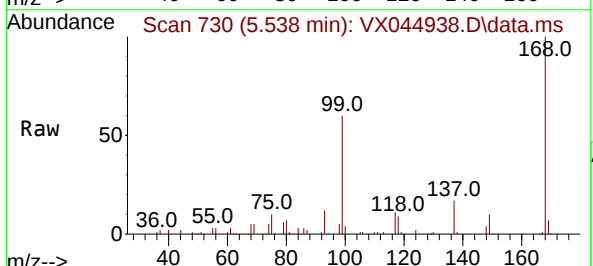
Instrument :
MSVOA_X
ClientSampleId :



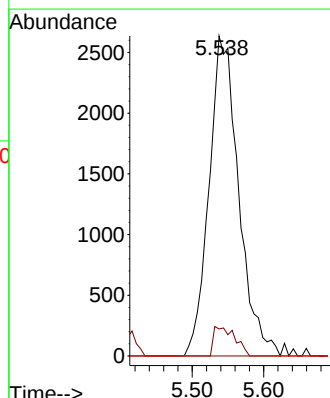
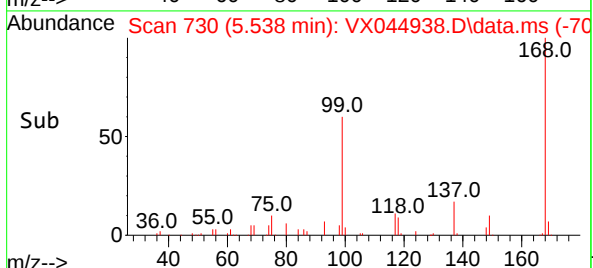
Tgt Ion:113 Resp: 58379
Ion Ratio Lower Upper
113 100
111 101.4 83.5 125.3
192 17.5 14.4 21.6

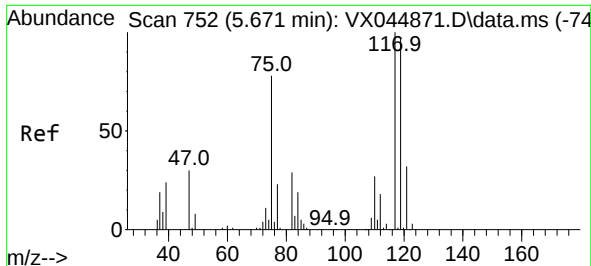


#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07



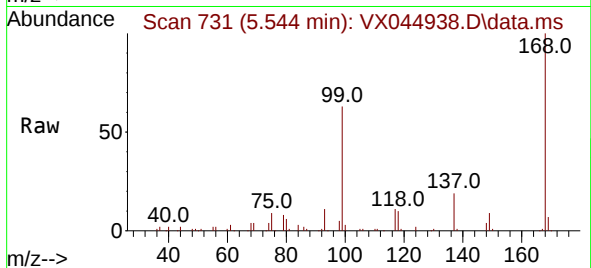
Tgt Ion: 75 Resp: 7572
Ion Ratio Lower Upper
75 100
110 6.6 17.2 51.6#
77 0.0 24.6 37.0#



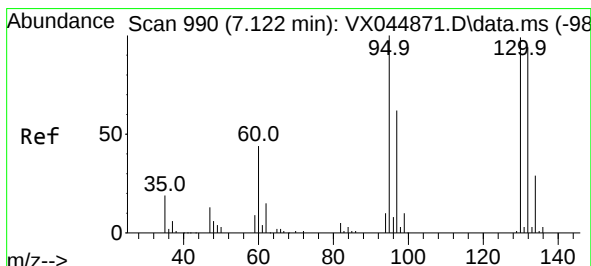
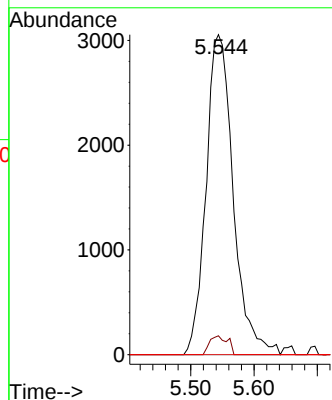
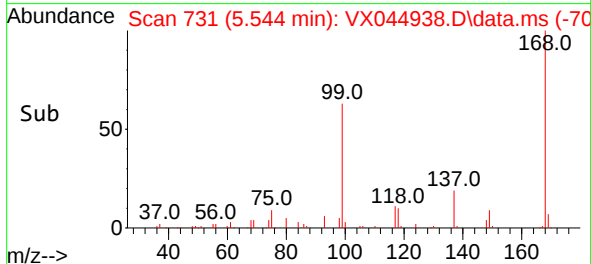


#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :

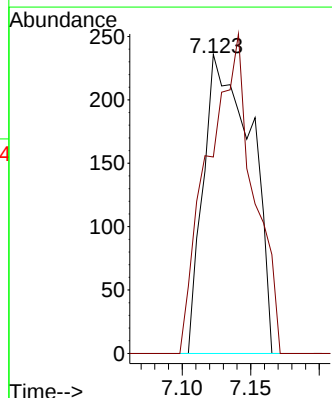
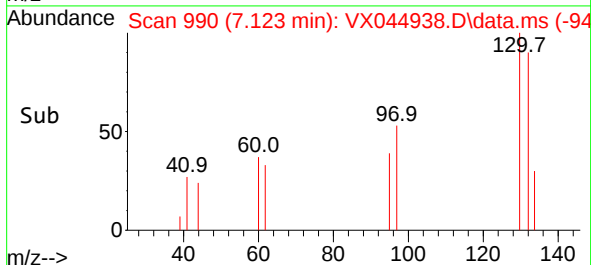
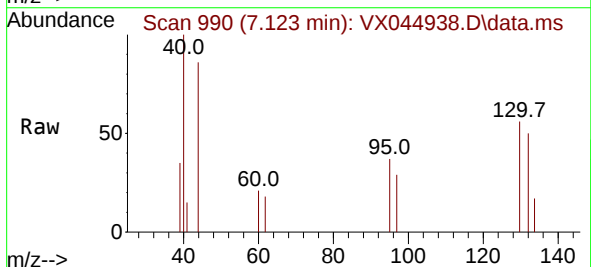


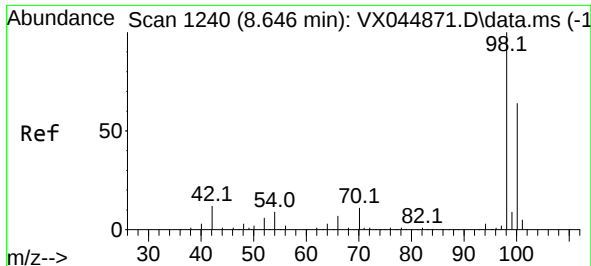
Tgt Ion:117 Resp: 9130
Ion Ratio Lower Upper
117 100
119 5.9 77.5 116.3#
121 0.0 25.6 38.4#



#44
Trichloroethene
Concen: 0.488 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:130 Resp: 567
Ion Ratio Lower Upper
130 100
95 65.7 0.0 202.4

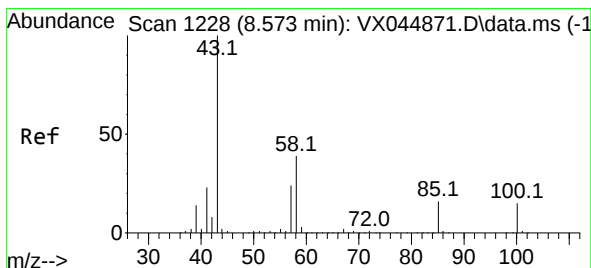
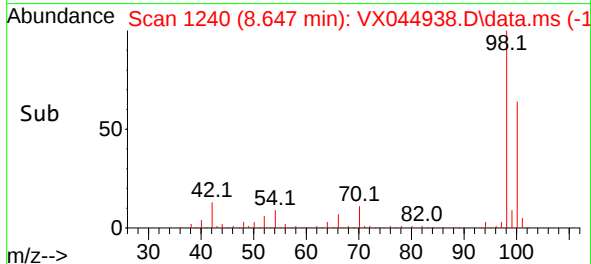
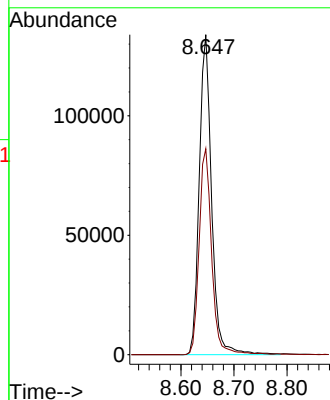
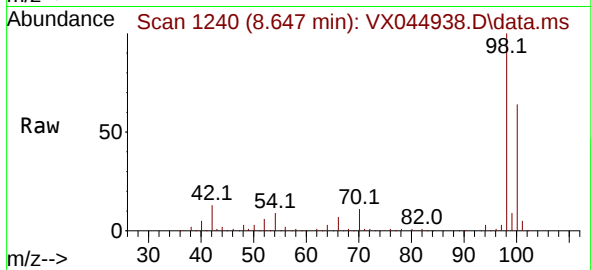




#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

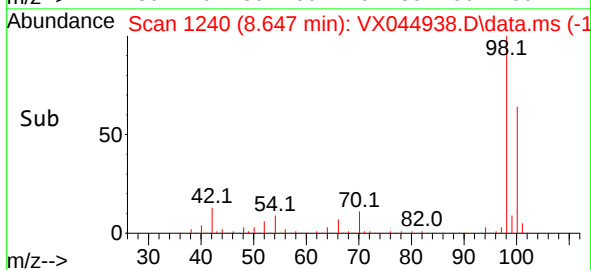
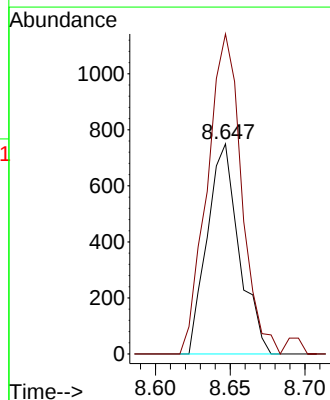
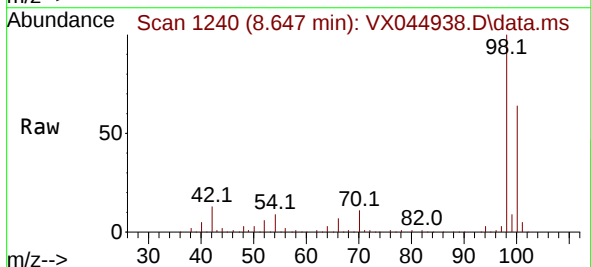
Instrument :
MSVOA_X
ClientSampleId :

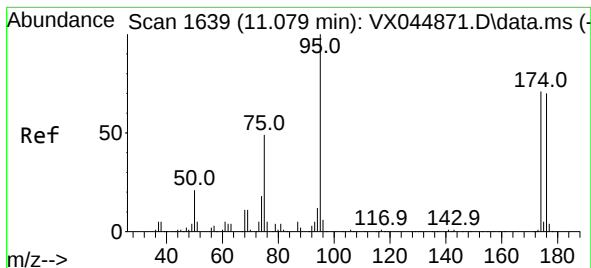
Tgt Ion: 98 Resp: 216198
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 164.2 30.8 46.2#

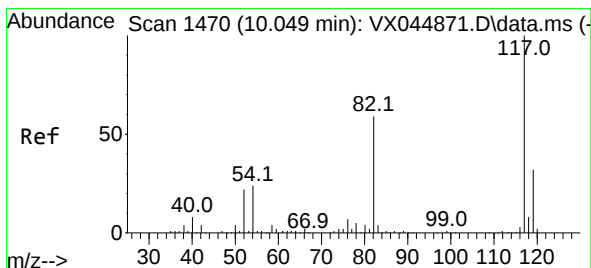
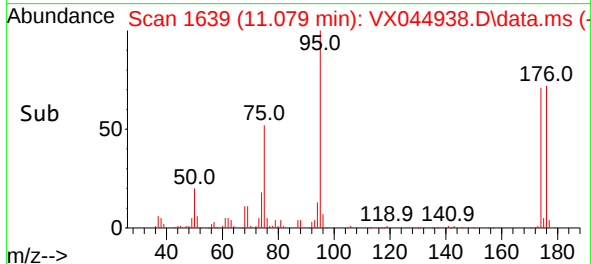
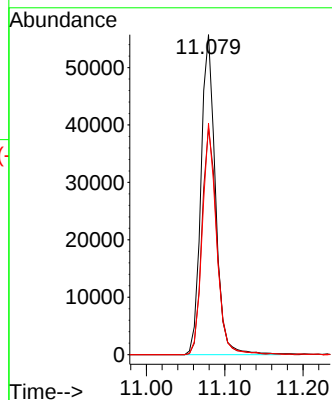
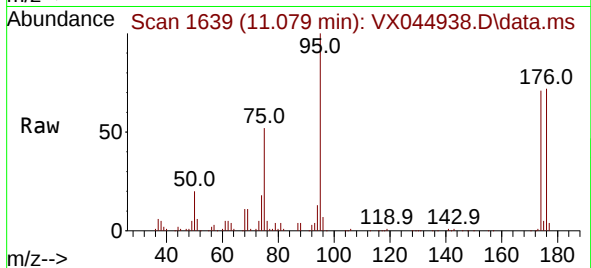




#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

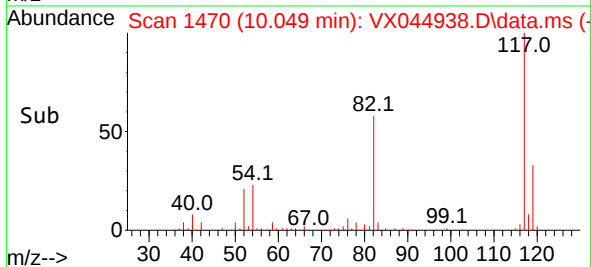
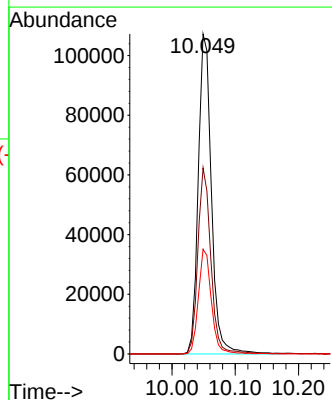
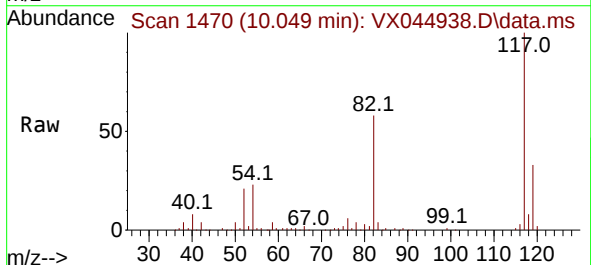
Instrument :
MSVOA_X
ClientSampleId :

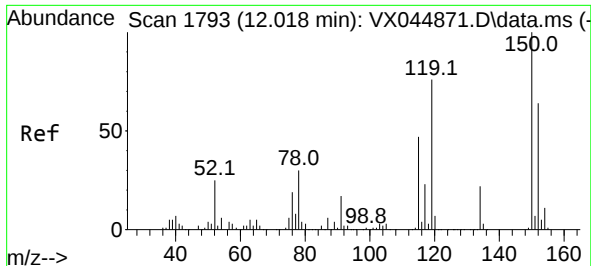
Tgt Ion: 95 Resp: 71446
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 71.0 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 117 Resp: 155759
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 32.7 25.4 38.0

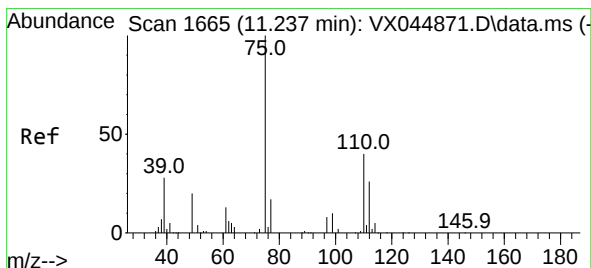
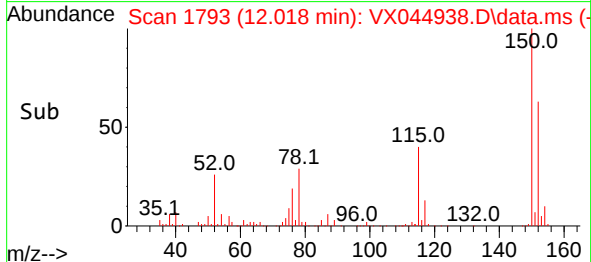
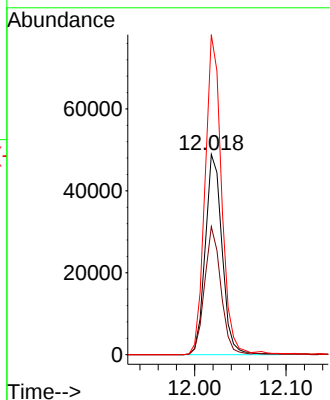
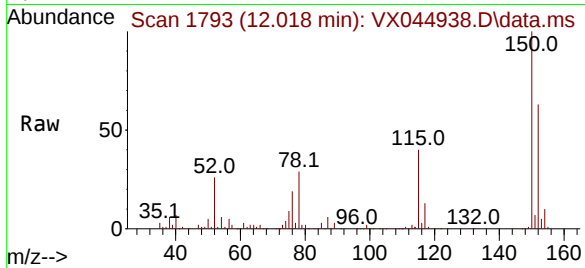




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

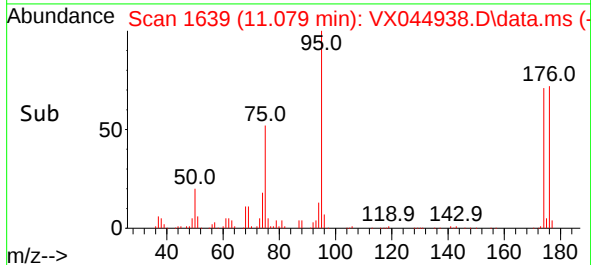
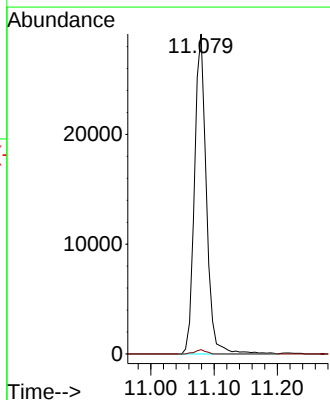
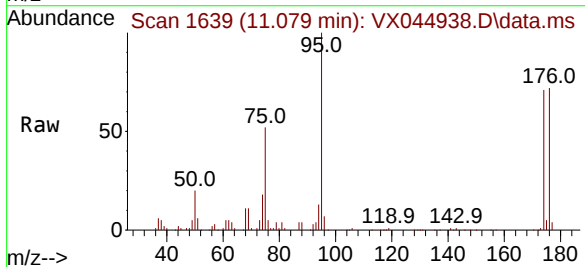
Instrument :
MSVOA_X
ClientSampleId :

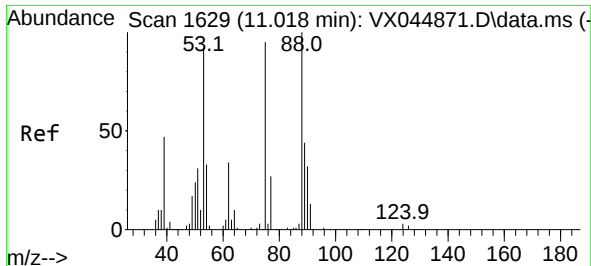
Tgt Ion:152 Resp: 62222
Ion Ratio Lower Upper
152 100
115 62.6 43.4 130.1
150 158.0 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 27.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 75 Resp: 38187
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#

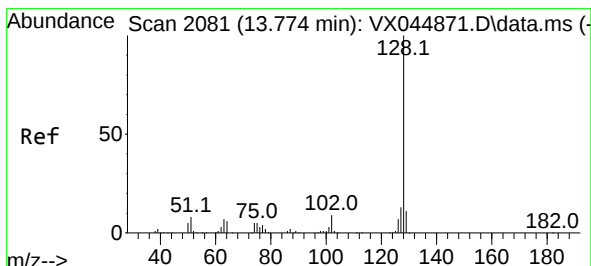
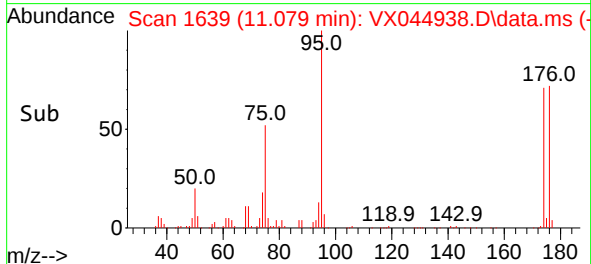
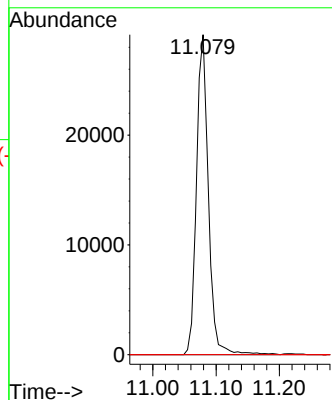
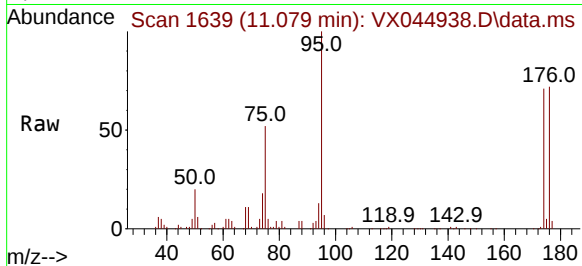




#81
trans-1,4-Dichloro-2-butene
Concen: 71.205 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38187
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 0.574 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:128 Resp: 2579
Ion Ratio Lower Upper
128 100
127 9.5 10.1 15.1#
129 6.5 8.9 13.3#

