

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042103.D
 Acq On : 01 Jul 2024 10:49
 Operator : JC/MD
 Sample : VX0701WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBL01

Quant Time: Jul 01 16:05:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

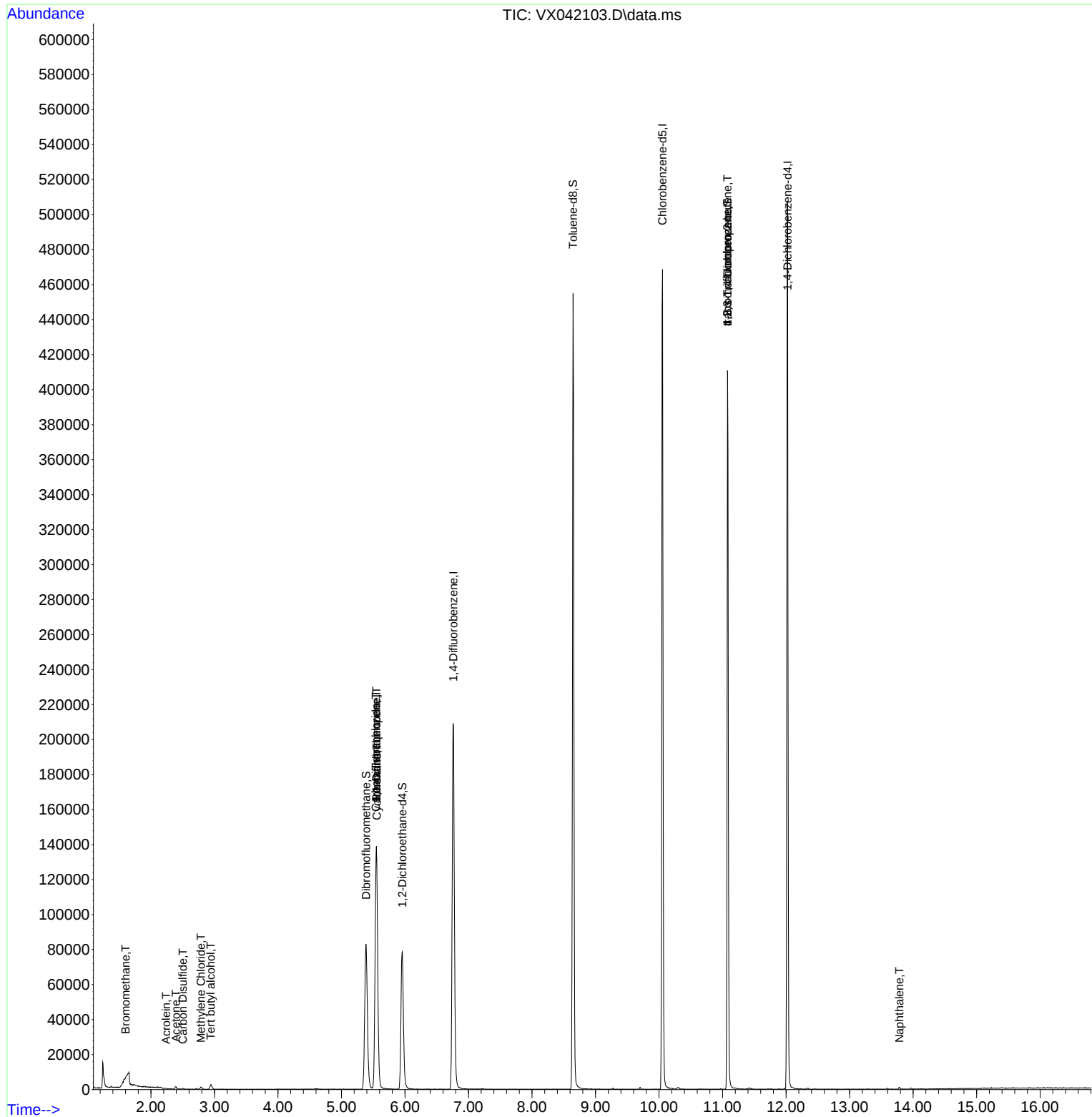
Internal Standards						
1) Pentafluorobenzene	5.550	168	154466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	237627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77229	43.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	74206	44.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.020%
50) Toluene-d8	8.647	98	281481	47.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.040%
62) 4-Bromofluorobenzene	11.079	95	109444	50.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	299	0.409	ug/l	92
6) Chloroethane	1.679	64	263	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1645	4.866	ug/l	# 78
13) Acrolein	2.239	56	138	0.364	ug/l	# 51
16) Acetone	2.392	43	1474	1.885	ug/l	92
17) Carbon Disulfide	2.502	76	604	0.222	ug/l	# 78
20) Methylene Chloride	2.788	84	740	0.432	ug/l	# 80
31) Cyclohexane	5.556	56	2241	1.076	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8730	4.876	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	12983	6.563	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	50254	21.932	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	50254	62.286	ug/l	# 5
95) Naphthalene	13.786	128	1250	0.884	ug/l	# 87

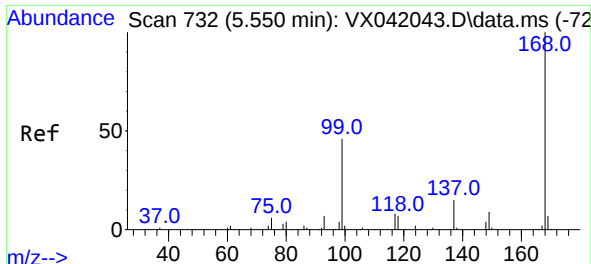
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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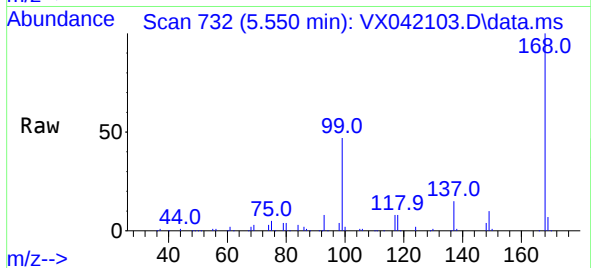
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



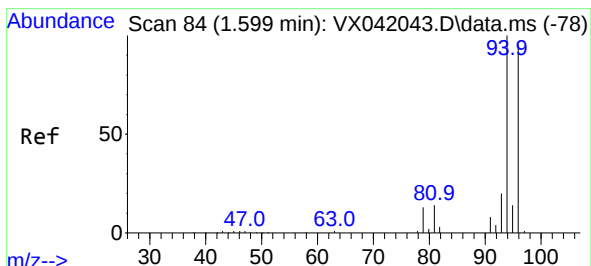
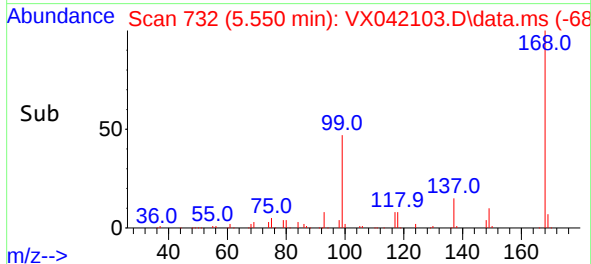
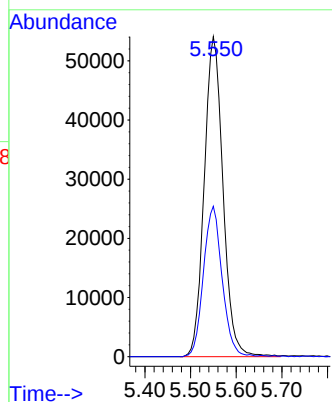


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

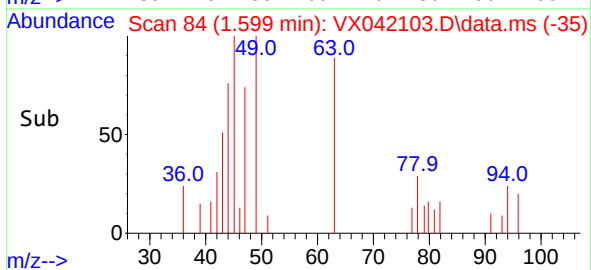
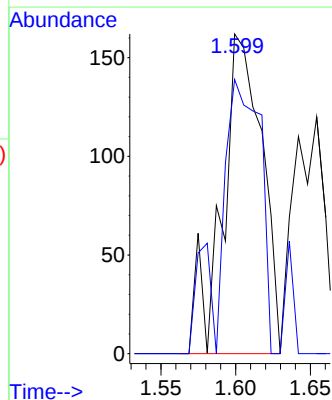
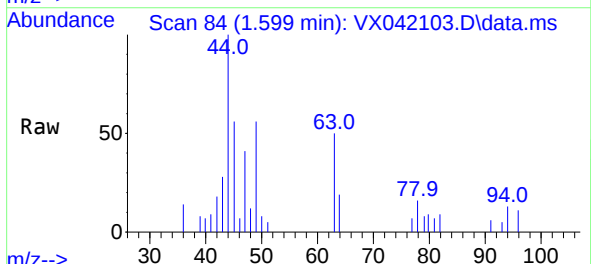


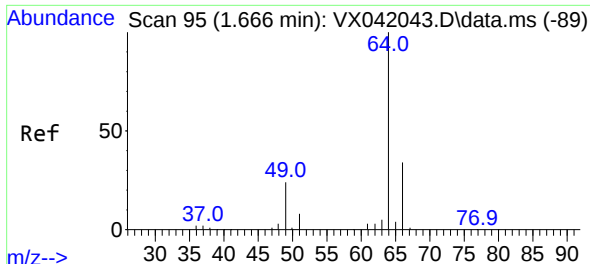
Tgt Ion:168 Resp: 154466
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 85.8 74.6 111.8

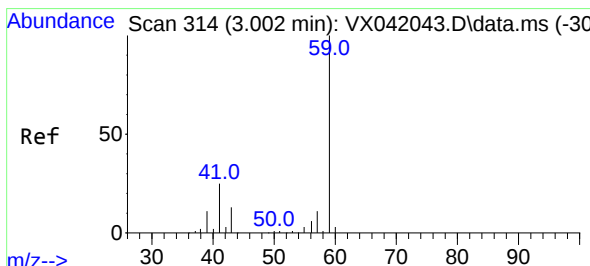
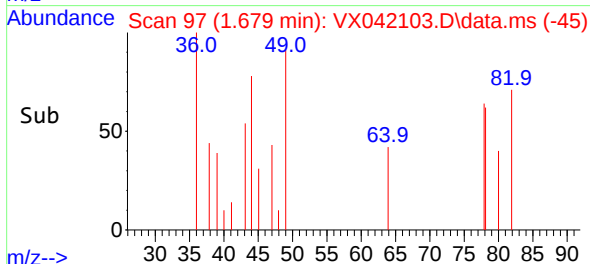
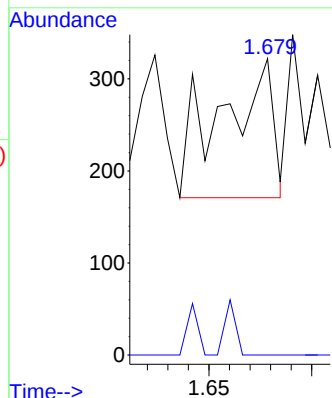
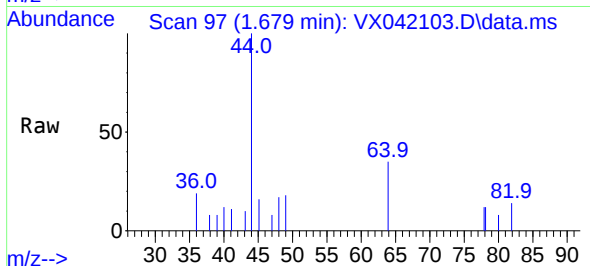




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

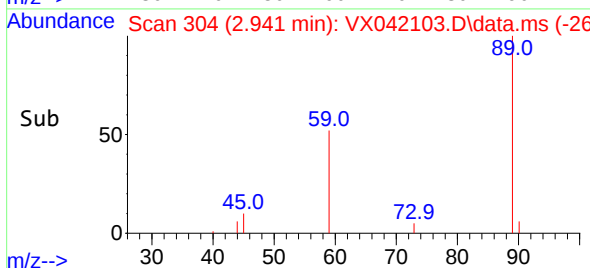
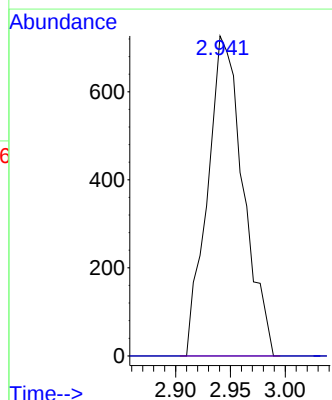
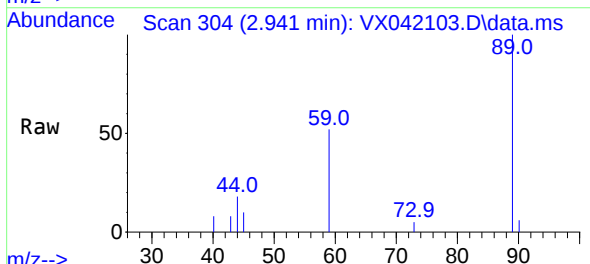
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

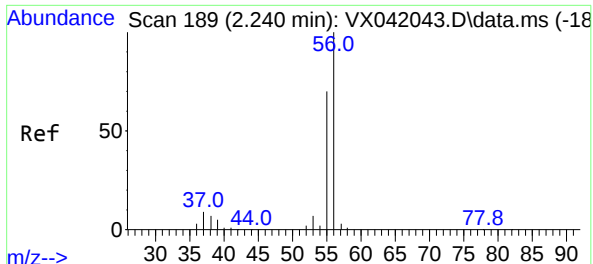
Tgt Ion: 64 Resp: 263
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 4.866 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion: 59 Resp: 1645
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

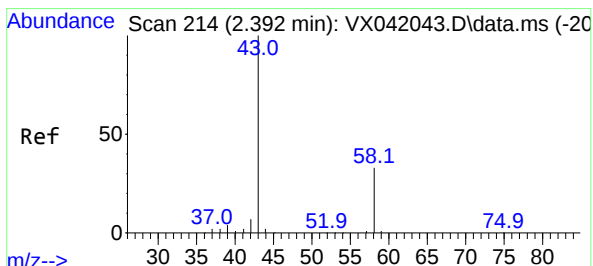
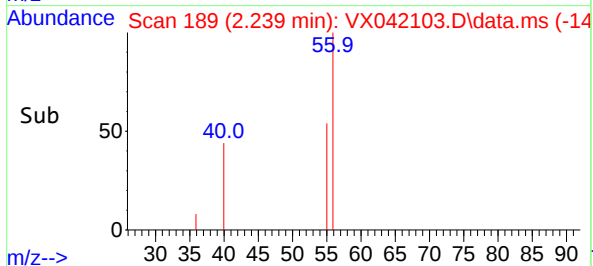
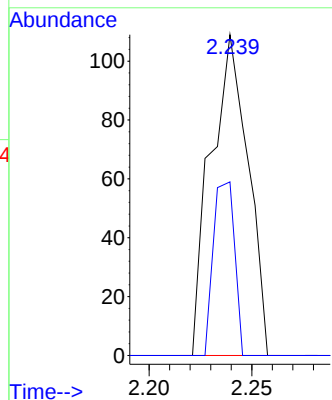
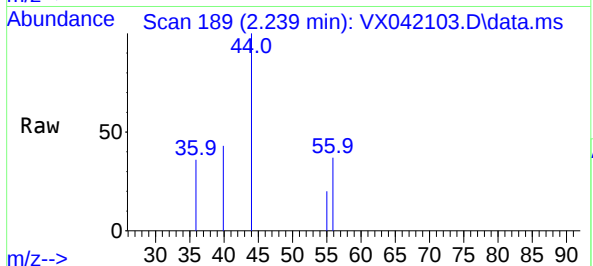




#13
Acrolein
Concen: 0.364 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

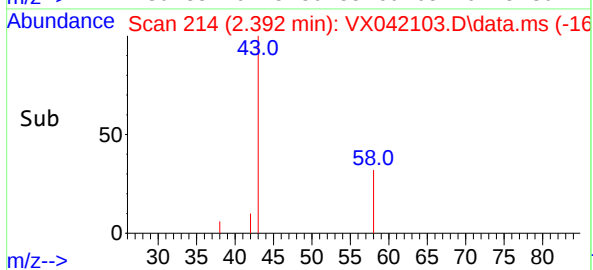
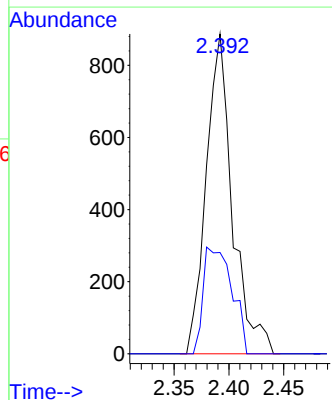
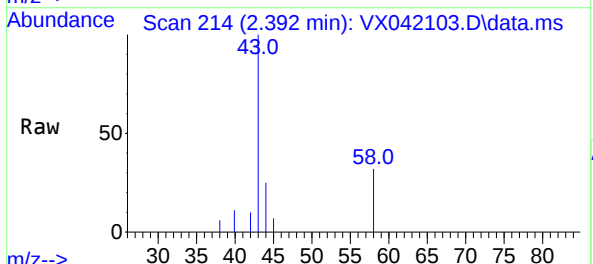
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

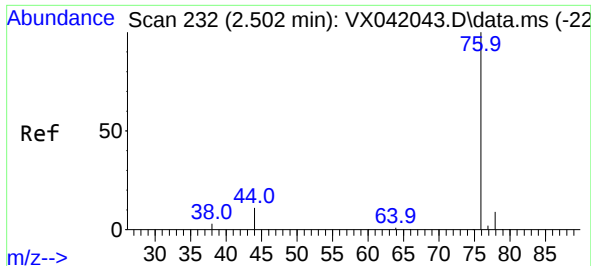
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 30.4 57.1 85.7#



#16
Acetone
Concen: 1.885 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

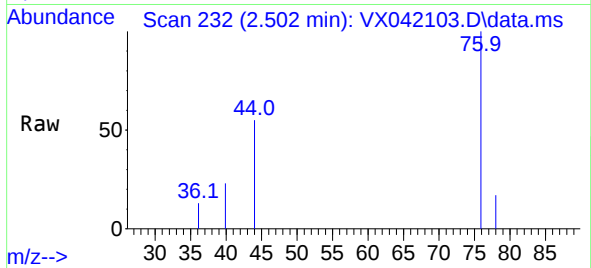
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9



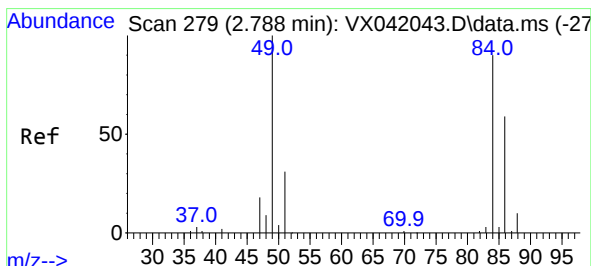
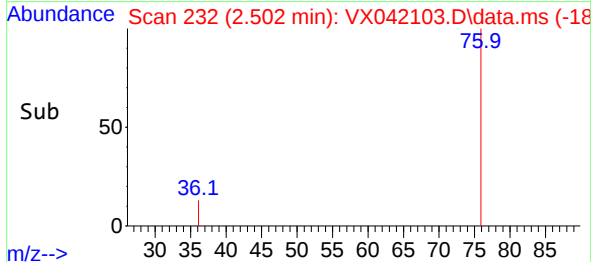
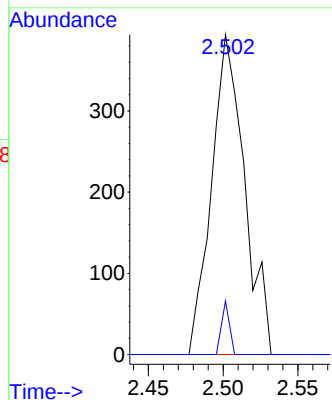


#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

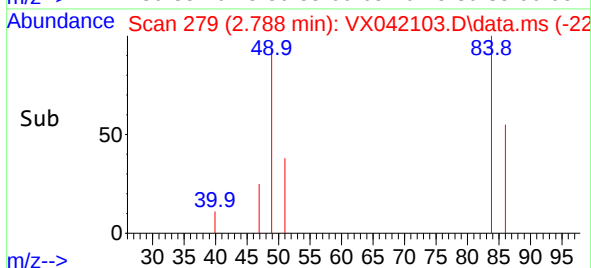
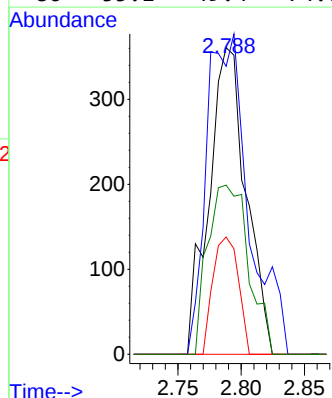
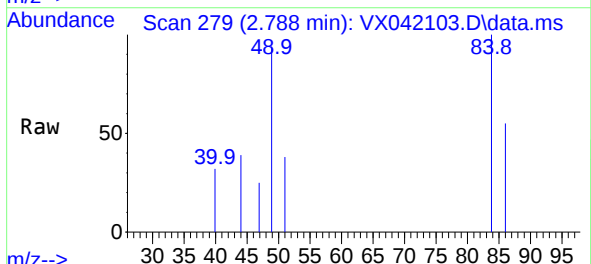


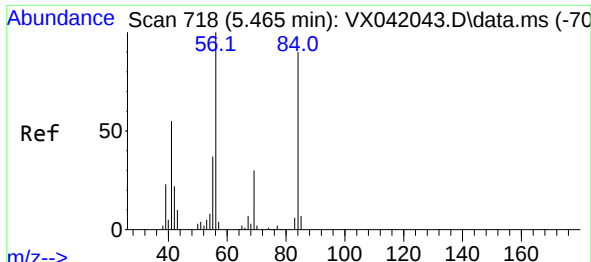
Tgt Ion: 76 Resp: 604
Ion Ratio Lower Upper
76 100
78 16.8 7.0 10.6#



#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

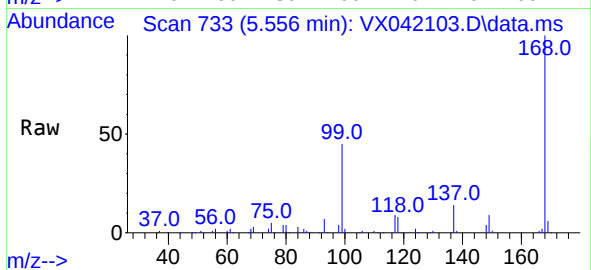
Tgt Ion: 84 Resp: 740
Ion Ratio Lower Upper
84 100
49 93.9 103.6 155.4#
51 38.2 33.8 50.6
86 55.1 49.4 74.0



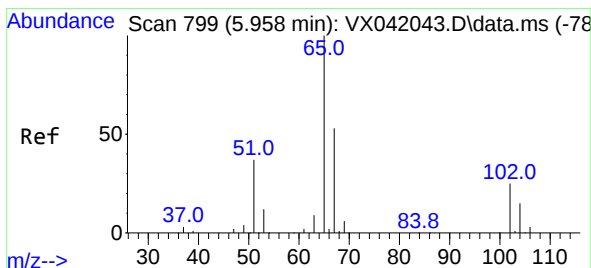
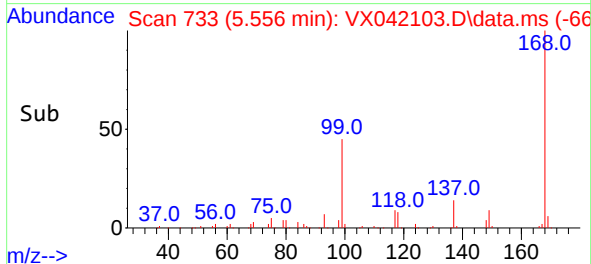
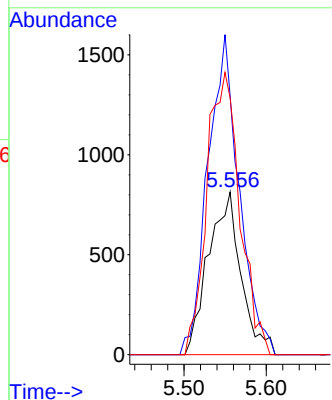


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

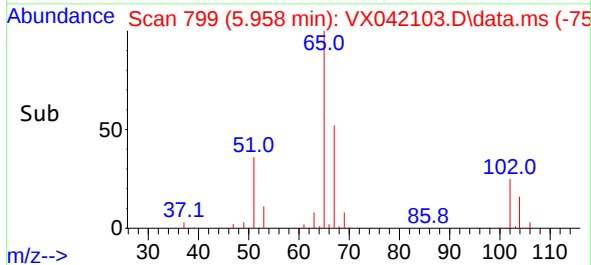
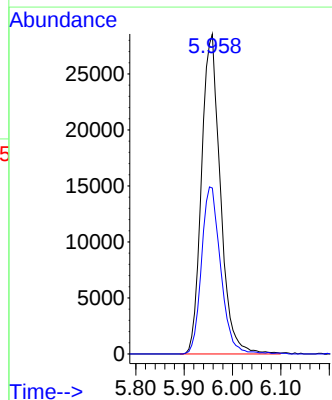
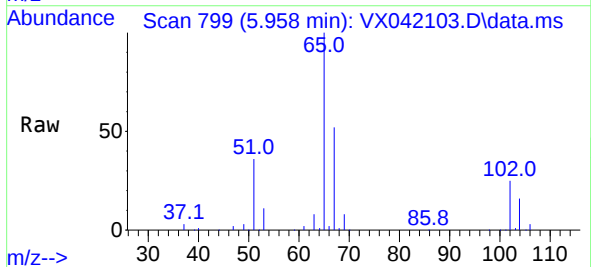


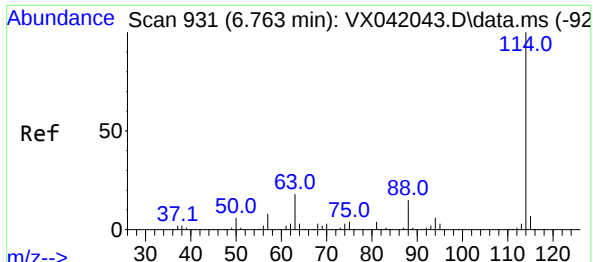
Tgt Ion: 56 Resp: 2241
Ion Ratio Lower Upper
56 100
69 159.1 23.4 35.2#
84 157.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion: 65 Resp: 77229
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

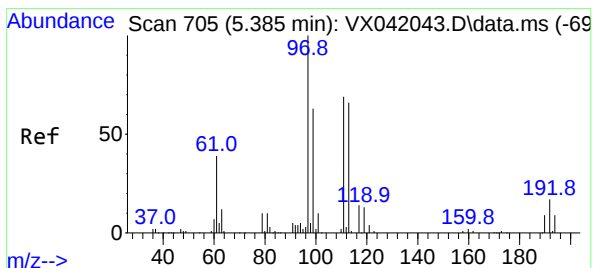
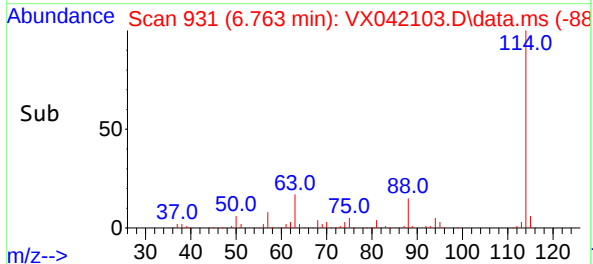
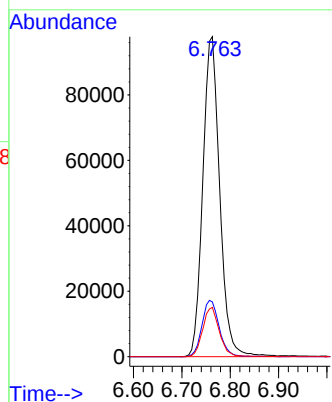
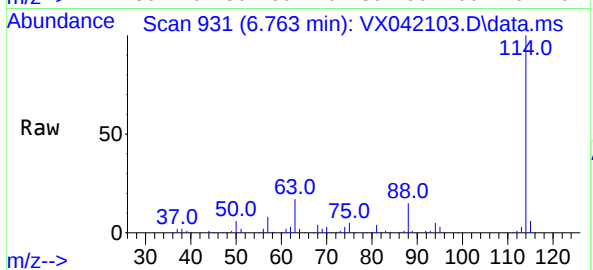




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

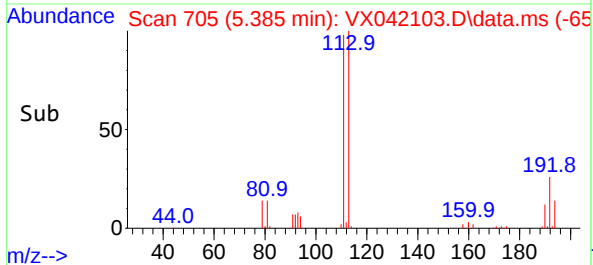
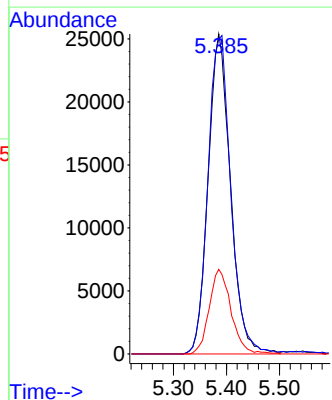
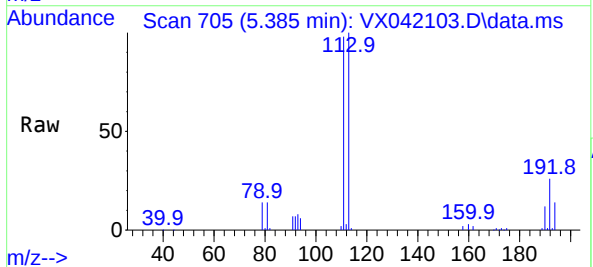
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

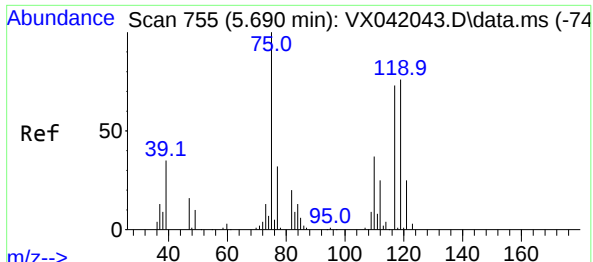
Tgt Ion:114 Resp: 237627
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

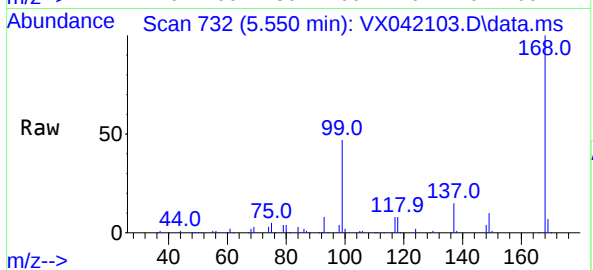
Tgt Ion:113 Resp: 74206
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.9 13.3 19.9#



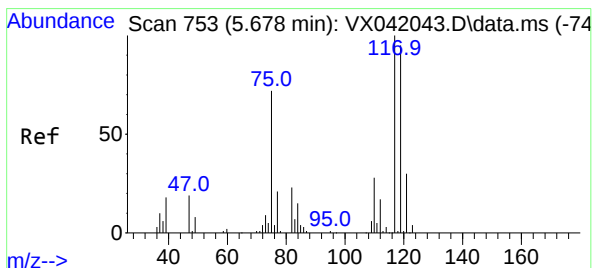
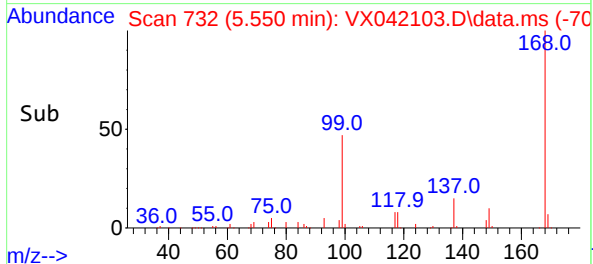
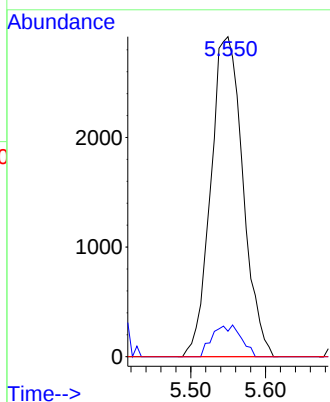


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

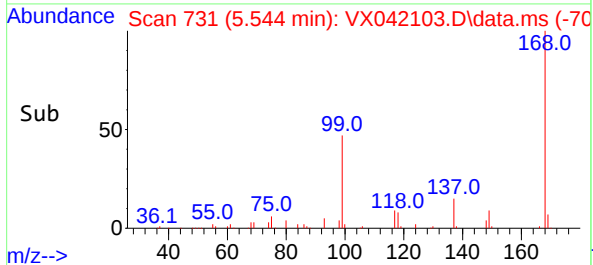
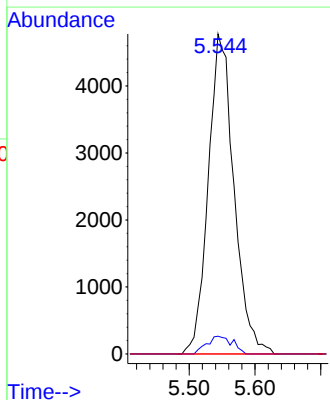
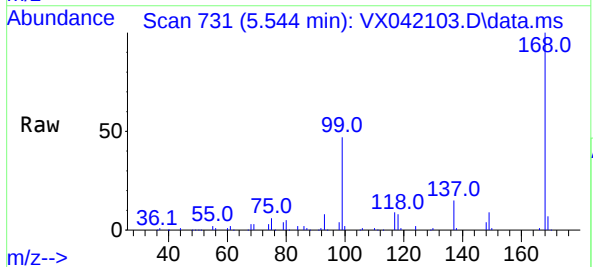


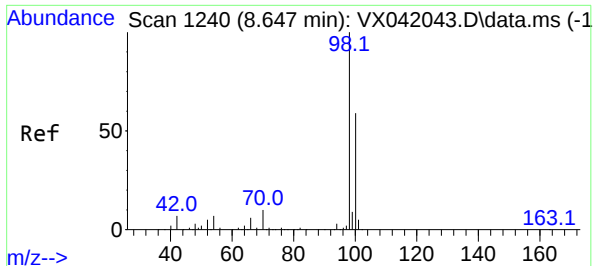
Tgt Ion: 75 Resp: 8730
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion: 117 Resp: 12983
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

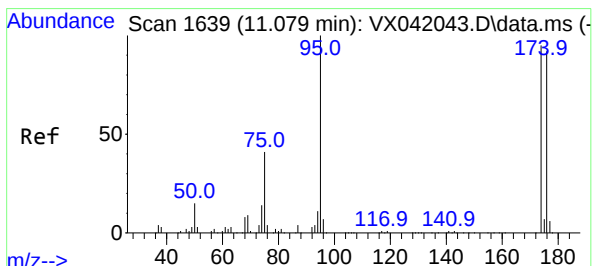
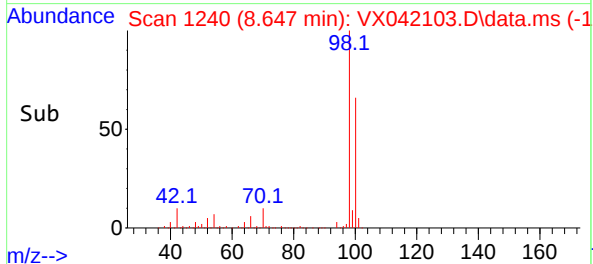
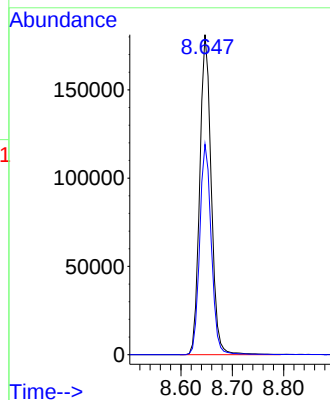
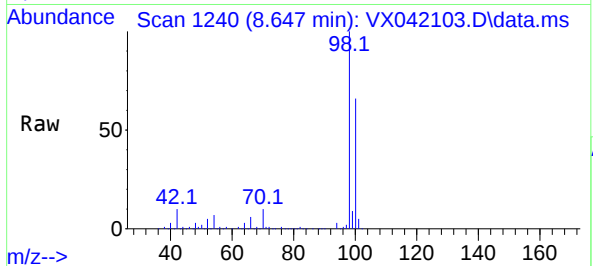




#50
Toluene-d8
Concen: 47.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

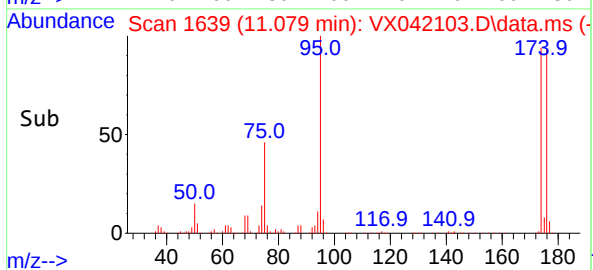
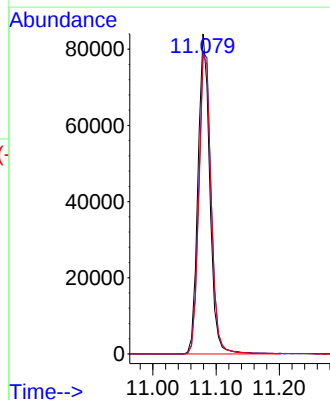
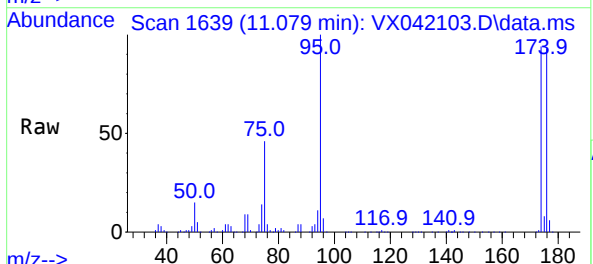
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

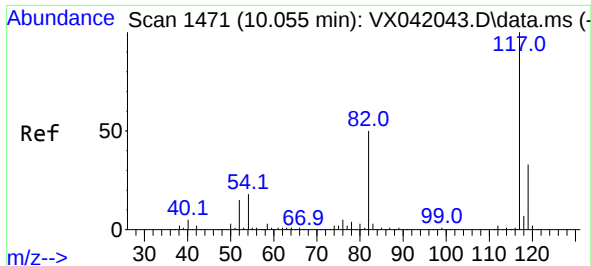
Tgt Ion: 98 Resp: 281481
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion: 95 Resp: 109444
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.9 0.0 131.0

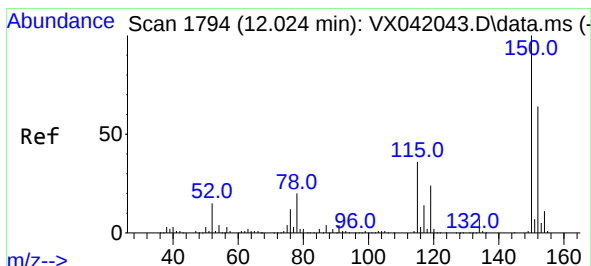
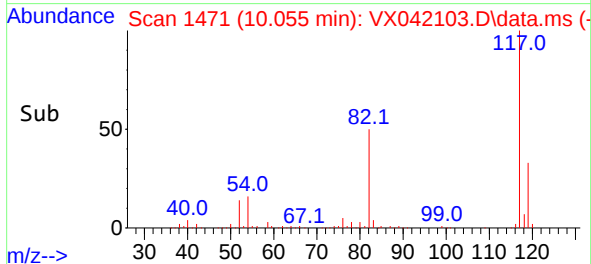
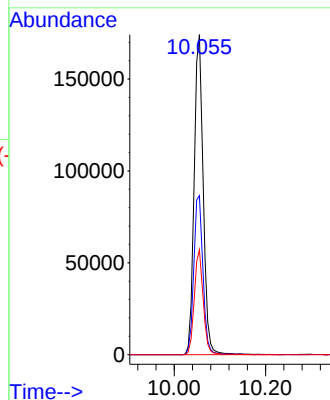
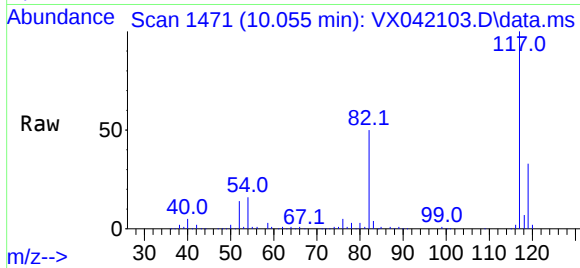




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

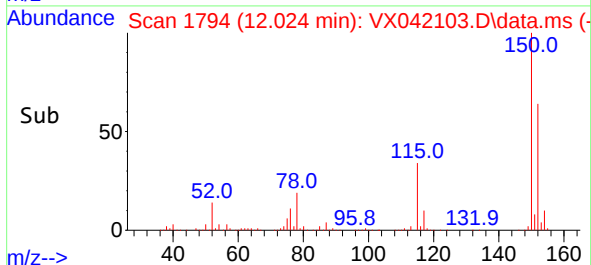
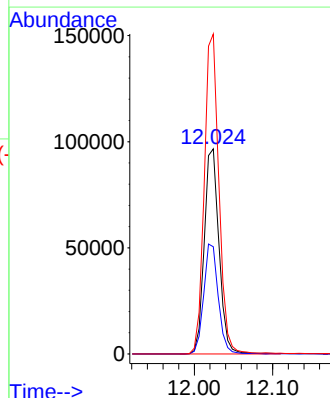
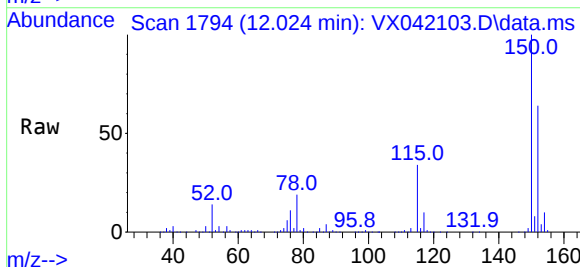
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

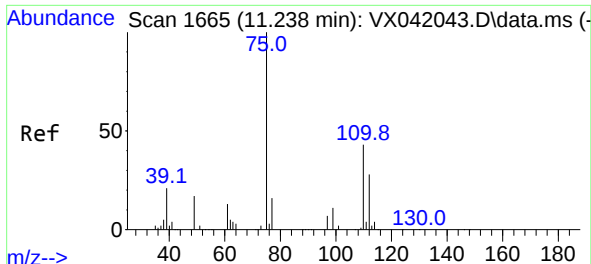
Tgt Ion:117 Resp: 240875
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Tgt Ion:152 Resp: 126215
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 154.3 0.0 345.0

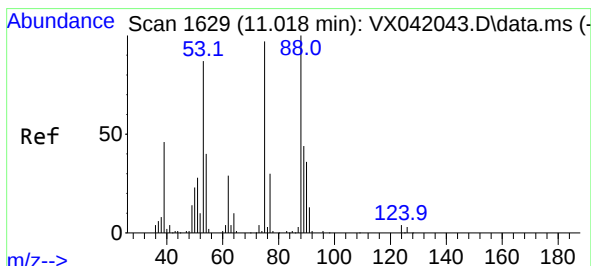
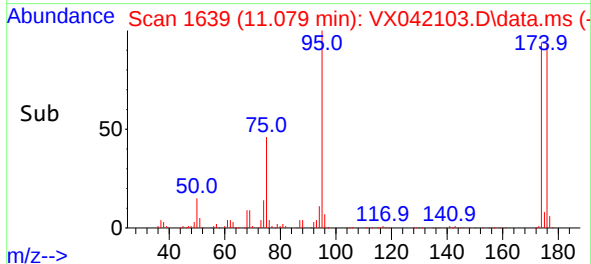
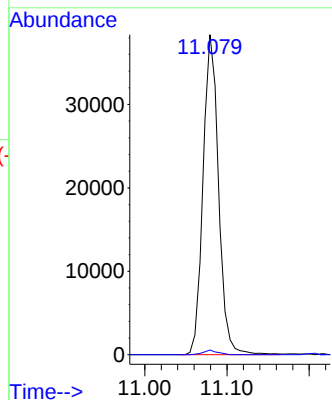
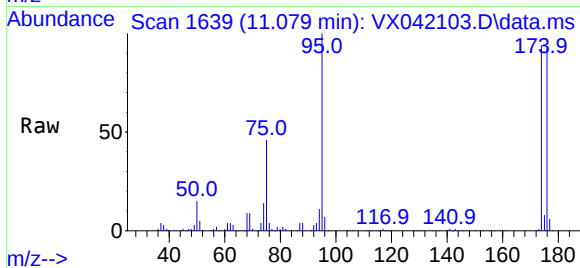




#76
1,2,3-Trichloropropane
Concen: 21.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

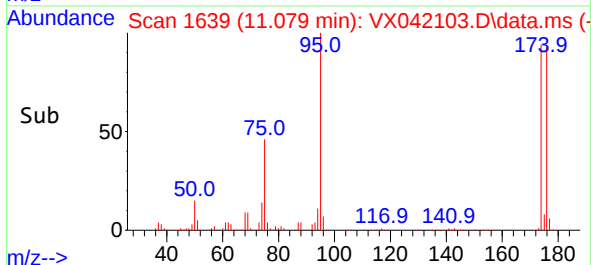
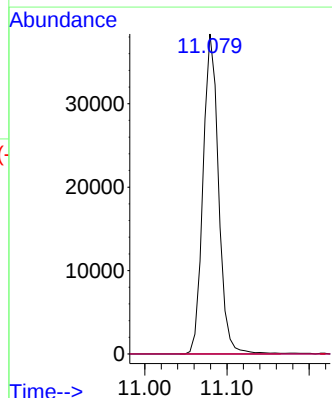
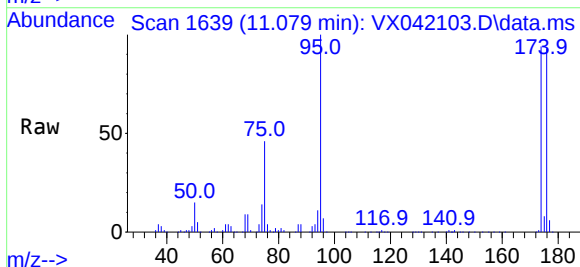
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

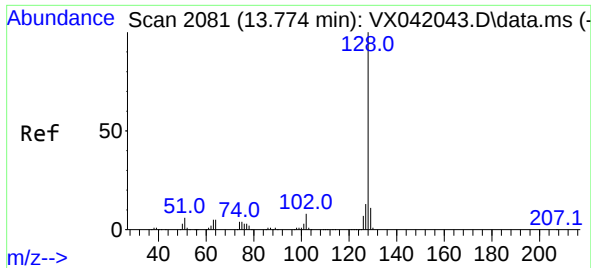
Tgt Ion: 75 Resp: 50254
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

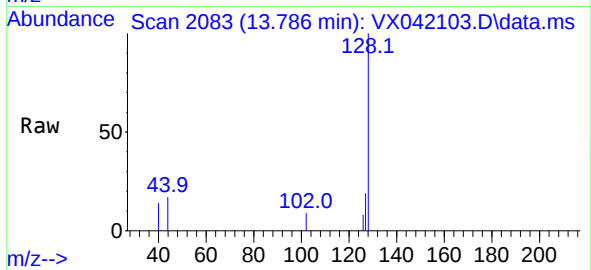
Tgt Ion: 75 Resp: 50254
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.884 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042103.D
Acq: 01 Jul 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01



Tgt Ion:	128	Resp:	1250
Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.3	15.5#
129	4.2	8.8	13.2#

