

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040154.D
 Acq On : 07 Feb 2024 16:05
 Operator : JC/MD
 Sample : P1337-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Feb 08 00:35:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

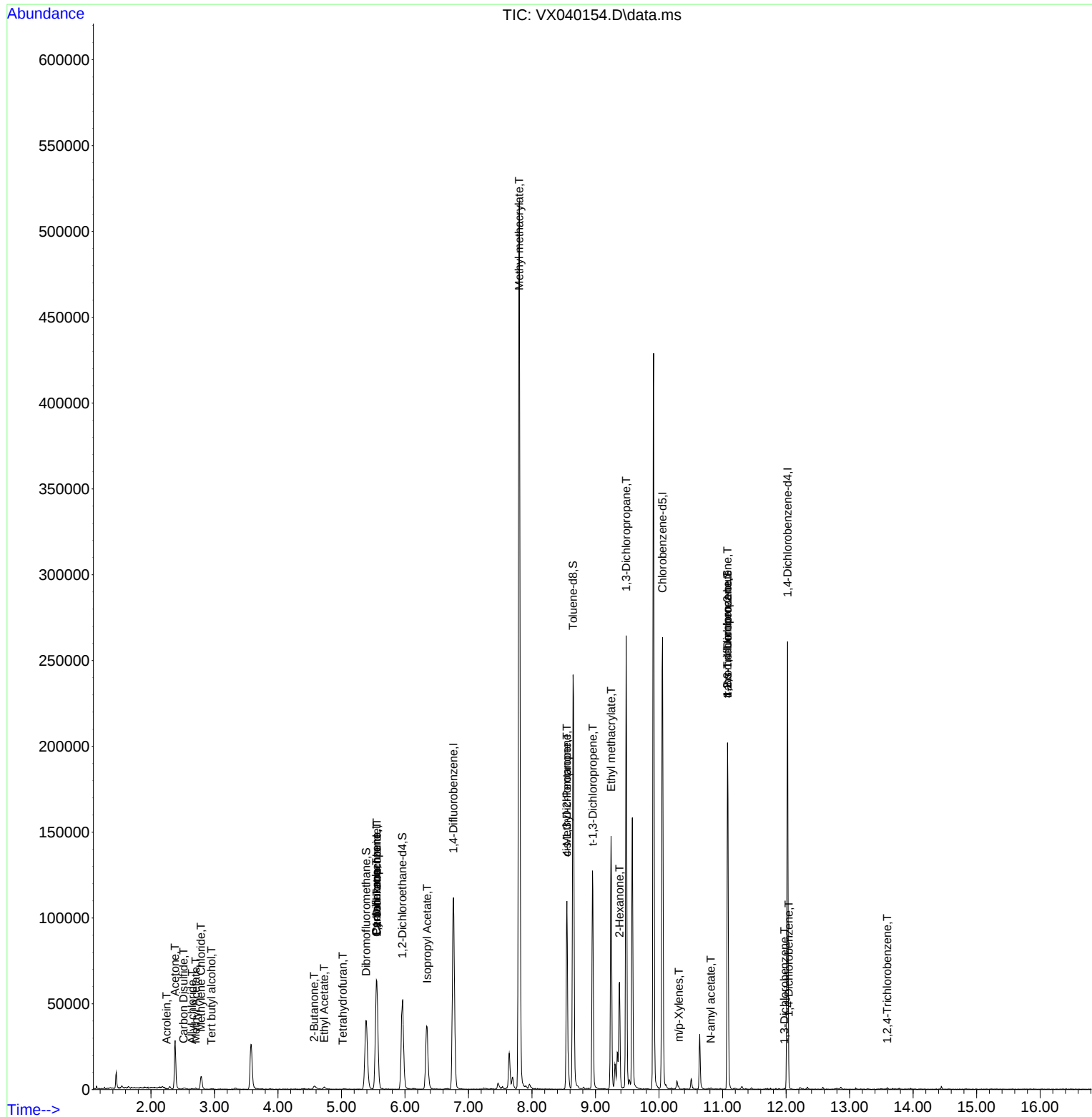
Internal Standards						
1) Pentafluorobenzene	5.550	168	52350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47669	56.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.160%
35) Dibromofluoromethane	5.385	113	33463	46.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	137344	50.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.520%
62) 4-Bromofluorobenzene	11.079	95	51547	49.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	510	3.336	ug/l #	78
13) Acrolein	2.245	56	80	0.546	ug/l #	43
14) Allyl chloride	2.648	41	351	0.331	ug/l #	65
16) Acetone	2.380	43	28685	72.665	ug/l	98
17) Carbon Disulfide	2.514	76	639	0.371	ug/l #	76
18) Methyl Acetate	2.703	43	761	0.814	ug/l #	86
20) Methylene Chloride	2.788	84	3626	5.169	ug/l	97
25) 2-Butanone	4.568	43	1758	3.204	ug/l	98
29) Tetrahydrofuran	5.019	42	145	0.416	ug/l #	57
31) Cyclohexane	5.550	56	1685	1.597	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	5722	5.469	ug/l #	50
37) Ethyl Acetate	4.727	43	2319	2.029	ug/l #	83
38) Carbon Tetrachloride	5.556	117	6537	6.529	ug/l #	16
43) Isopropyl Acetate	6.348	43	52239	28.989	ug/l	97
48) Methyl methacrylate	7.799	41	47190	53.160	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	41712	33.909	ug/l #	45
53) t-1,3-Dichloropropene	8.958	75	250	0.224	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14908	12.523	ug/l #	72
56) Ethyl methacrylate	9.244	69	297	0.259	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1980	1.529	ug/l #	42
59) 2-Hexanone	9.378	43	47087	48.009	ug/l #	26
68) m/p-Xylenes	10.311	106	327	0.222	ug/l	99
74) N-amyl acetate	10.817	43	341	0.445	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	30970	34.272	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30970	95.881	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	298	0.210	ug/l #	43
88) 1,4-Dichlorobenzene	12.042	146	357	0.246	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	218	0.255	ug/l #	83

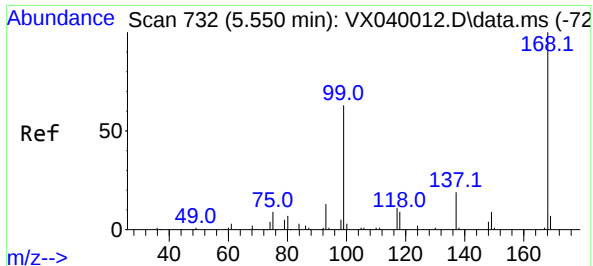
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
Data File : VX040154.D
Acq On : 07 Feb 2024 16:05
Operator : JC/MD
Sample : P1337-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-1

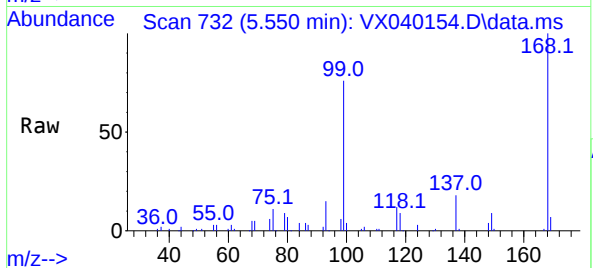
Quant Time: Feb 08 00:35:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



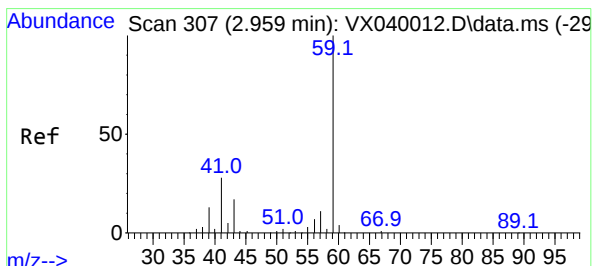
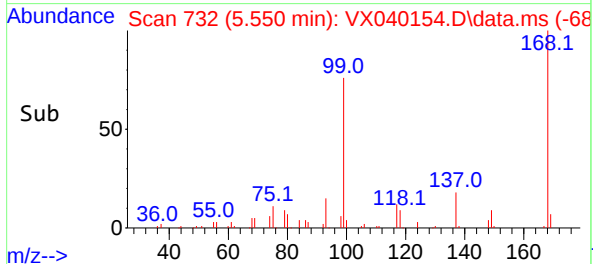
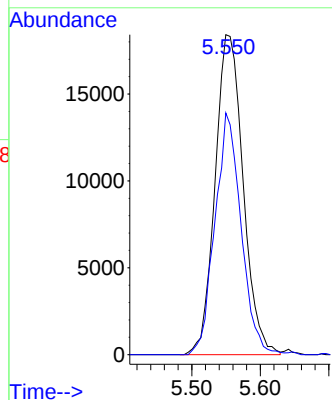


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
TP-1

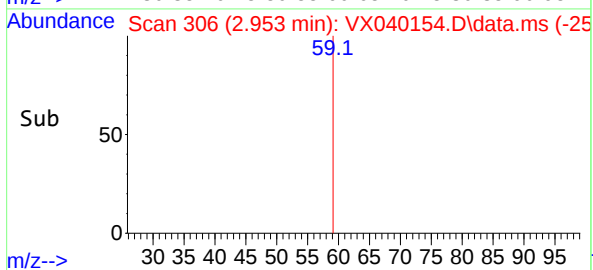
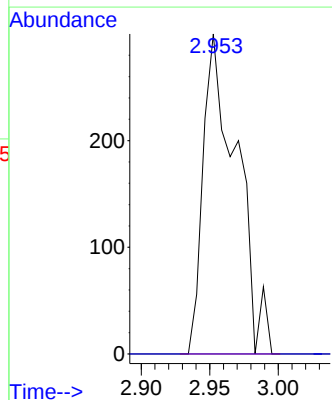
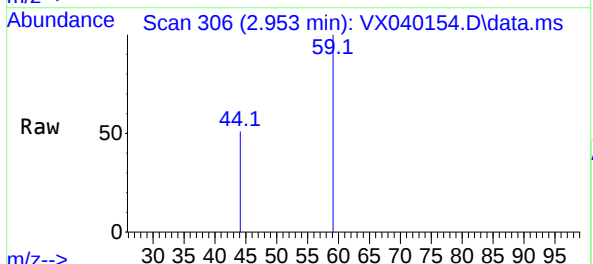


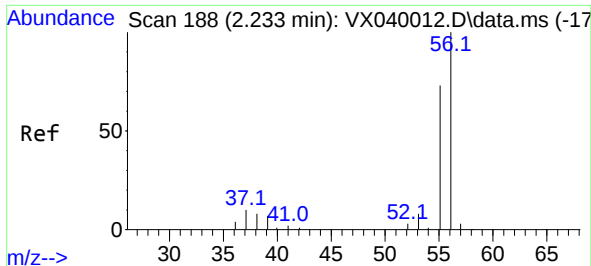
Tgt Ion:168 Resp: 52350
Ion Ratio Lower Upper
168 100
99 75.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.336 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

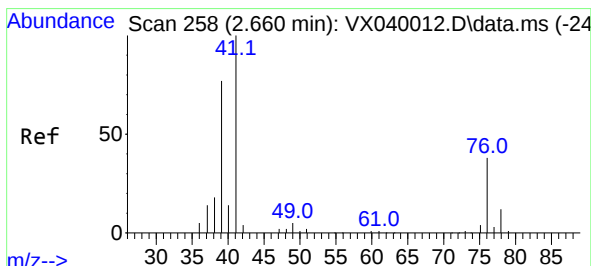
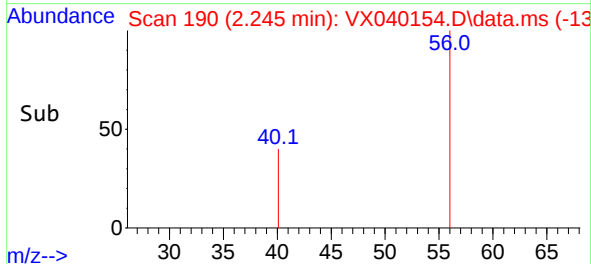
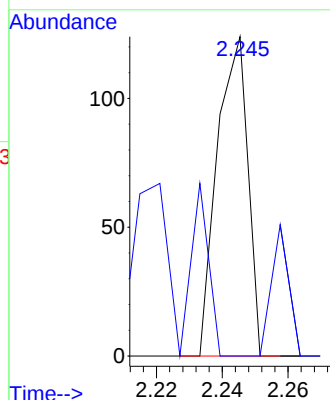
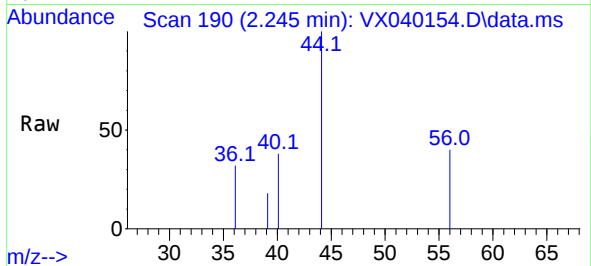




#13
Acrolein
Concen: 0.546 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

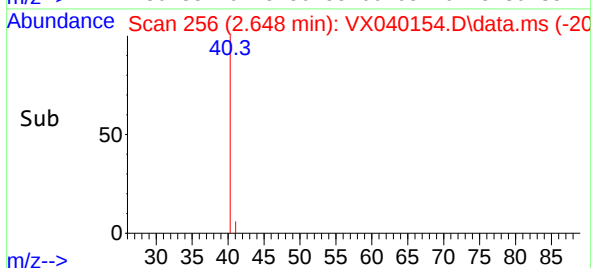
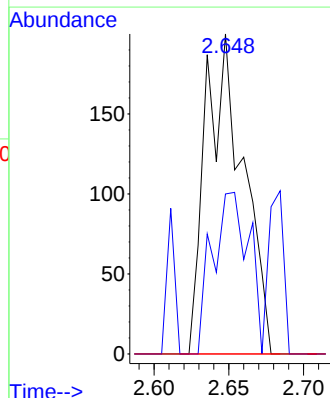
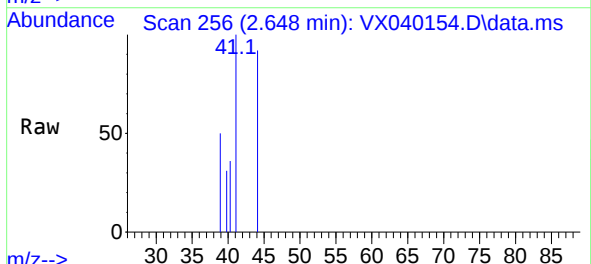
Instrument :
MSVOA_X
ClientSampleId :
TP-1

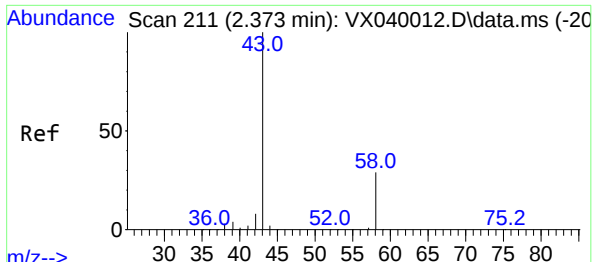
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 23.8 57.1 85.7#



#14
Allyl chloride
Concen: 0.331 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.012 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 41 Resp: 351
Ion Ratio Lower Upper
41 100
39 48.7 55.8 83.6#
76 0.0 24.3 36.5#

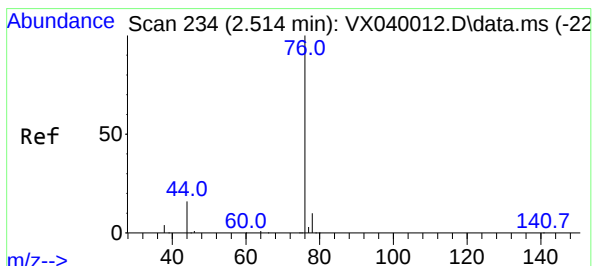
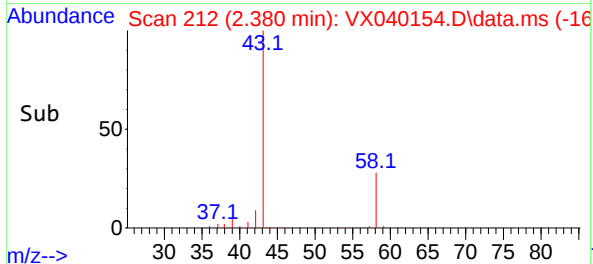
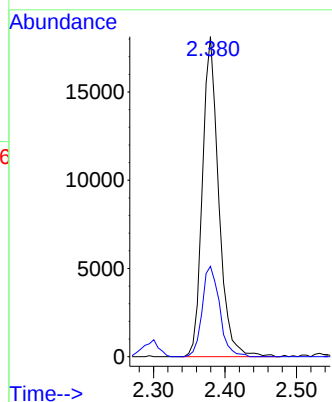
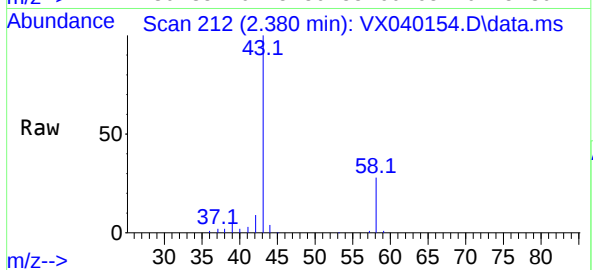




#16
Acetone
Concen: 72.665 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

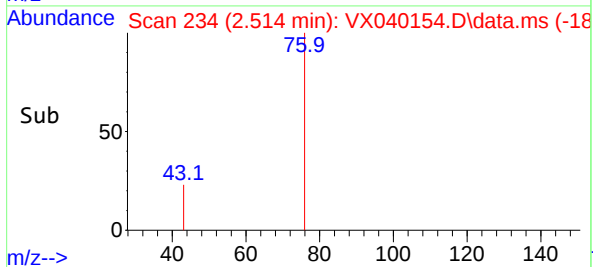
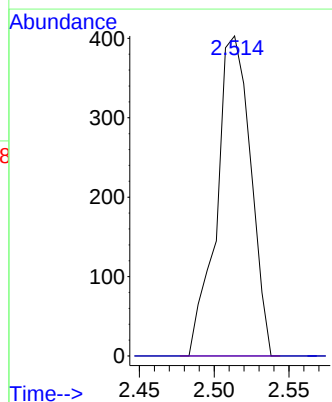
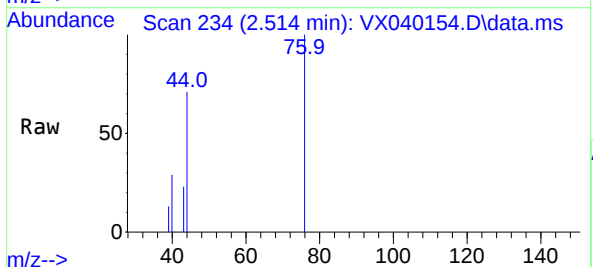
Instrument :
MSVOA_X
ClientSampleId :
TP-1

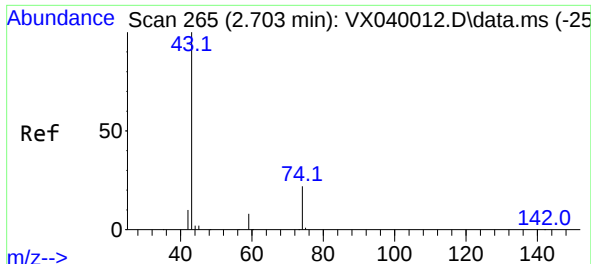
Tgt Ion: 43 Resp: 28685
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 76 Resp: 639
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

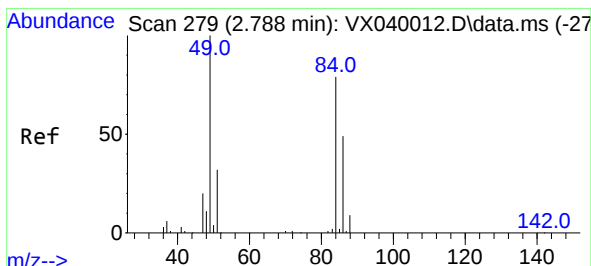
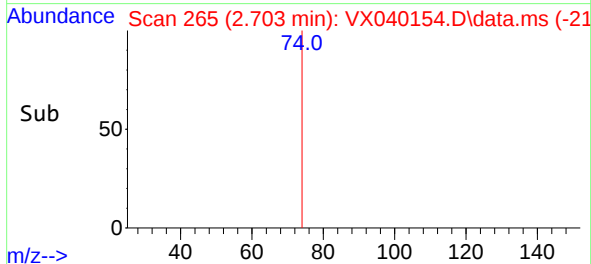
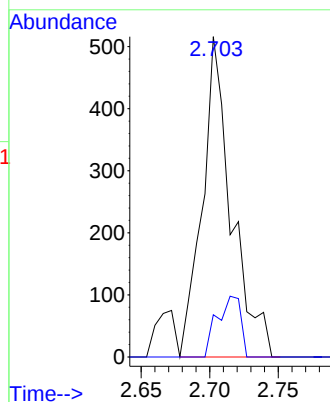
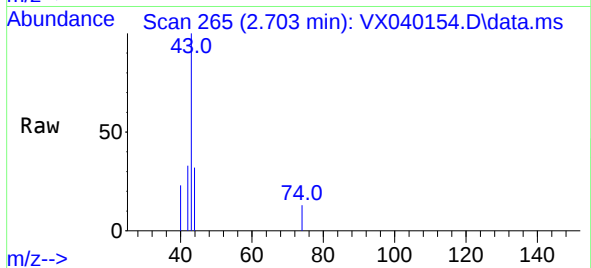




#18
Methyl Acetate
Concen: 0.814 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

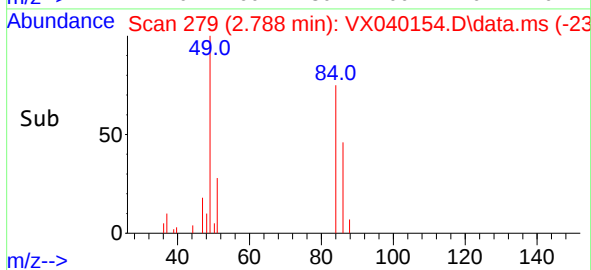
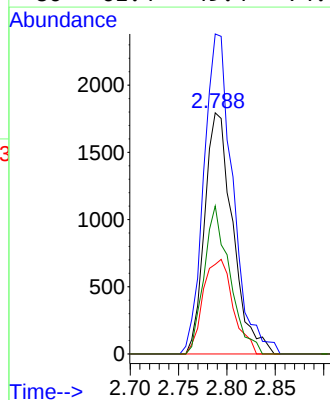
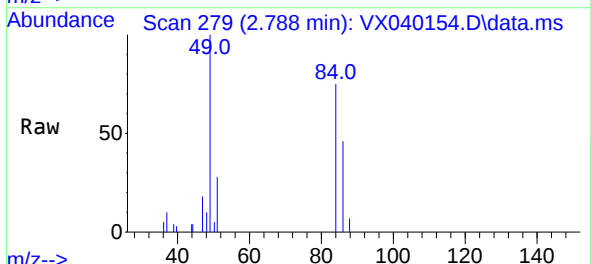
Instrument :
MSVOA_X
ClientSampleId :
TP-1

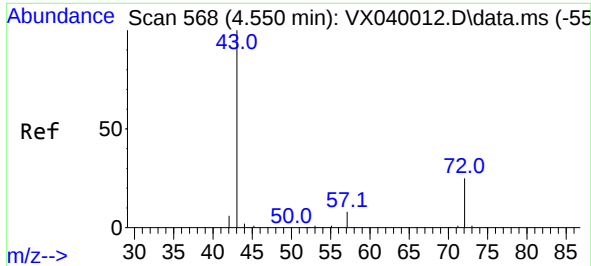
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
74 15.4 17.8 26.8#



#20
Methylene Chloride
Concen: 5.169 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 84 Resp: 3626
Ion Ratio Lower Upper
84 100
49 132.7 103.6 155.4
51 37.2 33.8 50.6
86 61.4 49.4 74.0

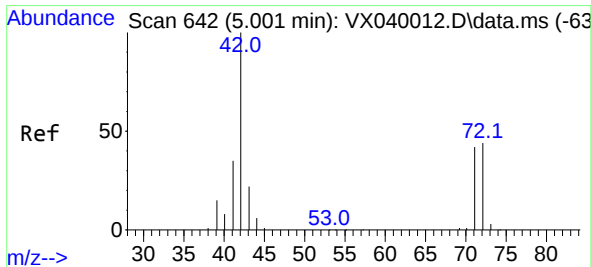
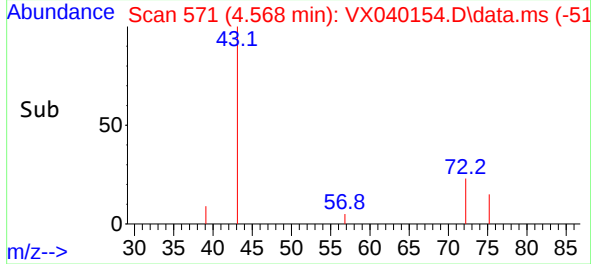
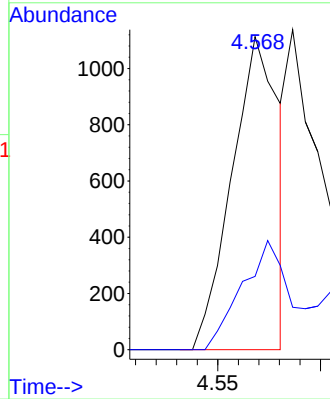
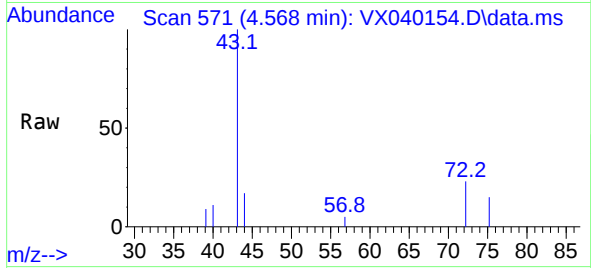




#25
2-Butanone
Concen: 3.204 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

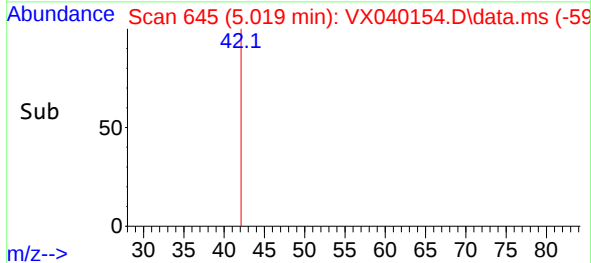
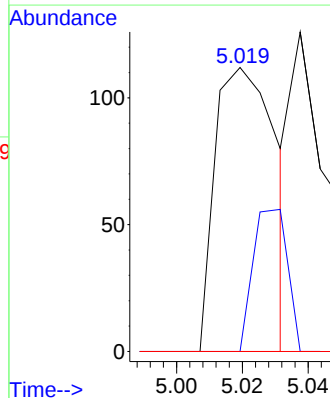
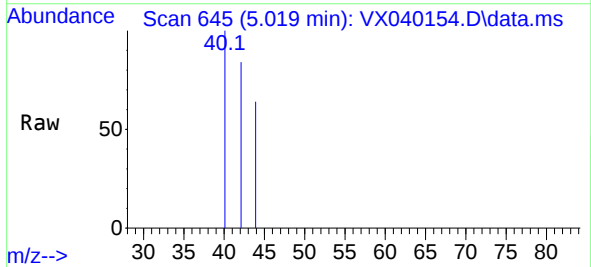
Instrument :
MSVOA_X
ClientSampleId :
TP-1

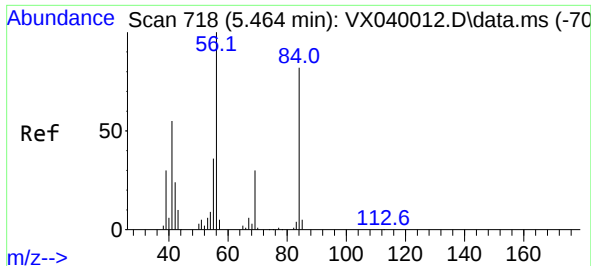
Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.416 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 42 Resp: 145
Ion Ratio Lower Upper
42 100
72 28.3 34.2 51.4#
71 0.0 32.2 48.2#

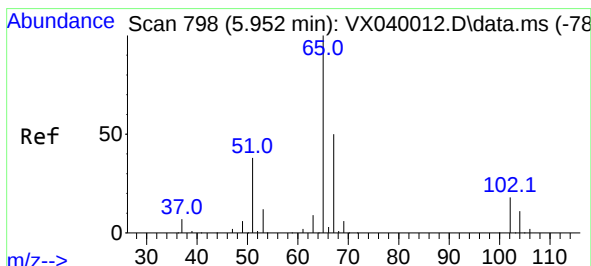
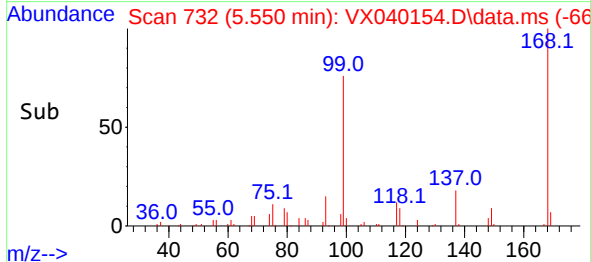
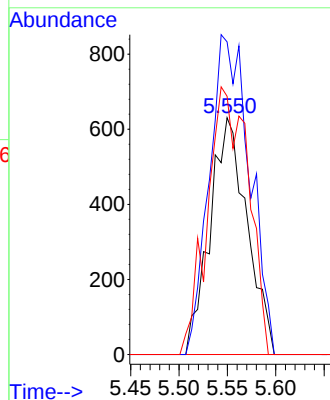
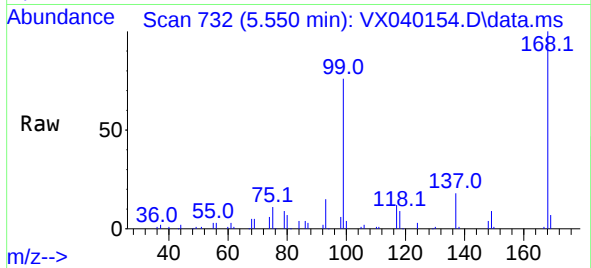




#31
Cyclohexane
Concen: 1.597 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

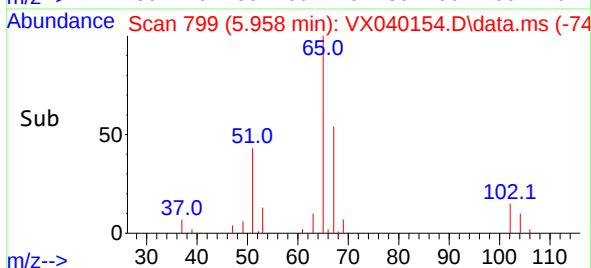
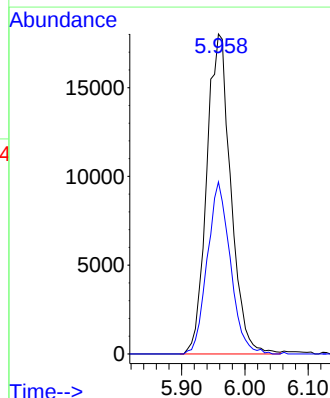
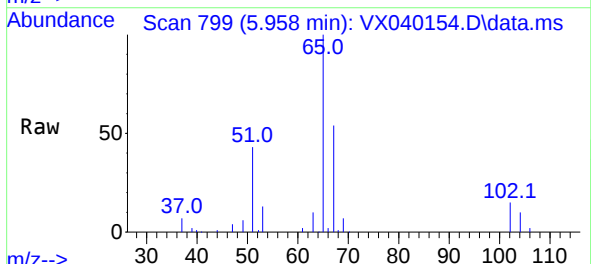
Instrument :
MSVOA_X
ClientSampleId :
TP-1

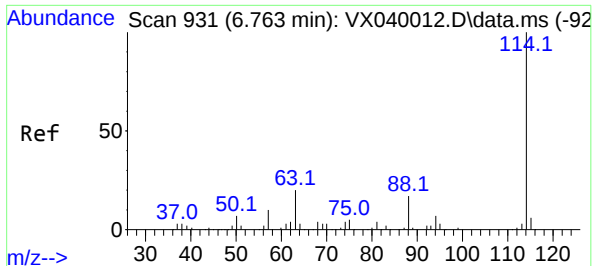
Tgt Ion: 56 Resp: 1685
Ion Ratio Lower Upper
56 100
69 132.0 23.4 35.2#
84 109.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.580 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 65 Resp: 47669
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX040154.D

Acq: 07 Feb 2024 16:05

Instrument :

MSVOA_X

ClientSampleId :

TP-1

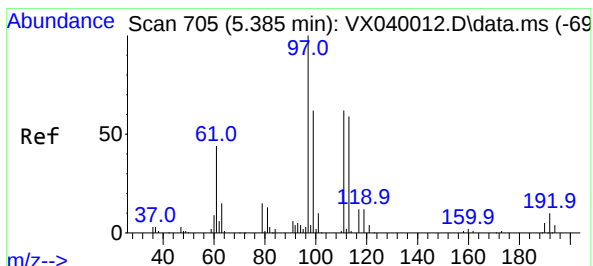
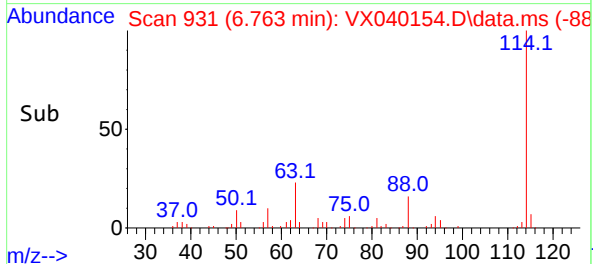
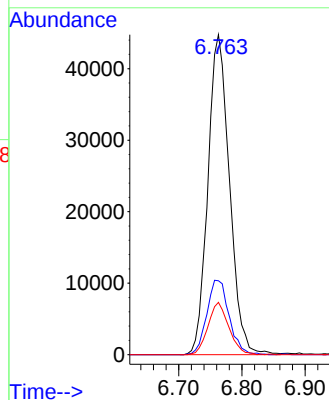
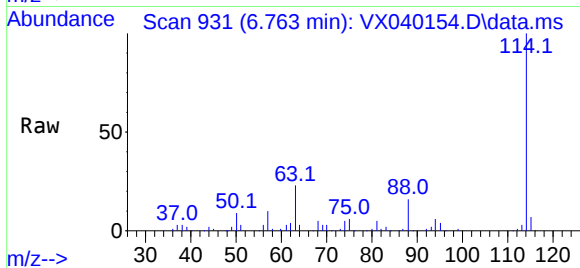
Tgt Ion:114 Resp: 106280

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 16.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.253 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040154.D

Acq: 07 Feb 2024 16:05

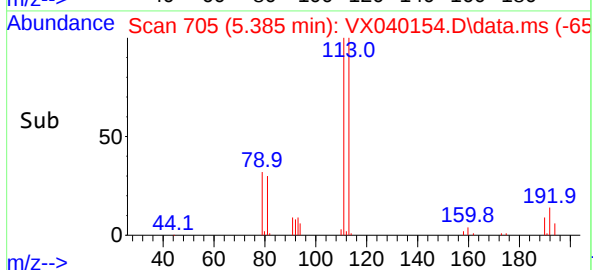
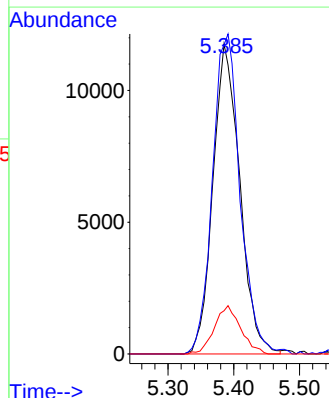
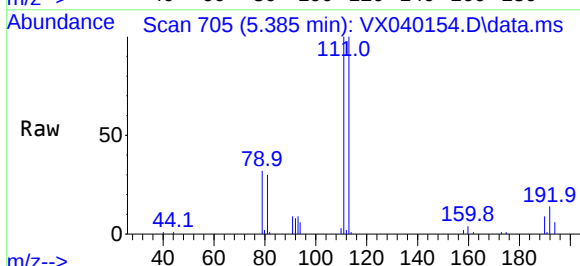
Tgt Ion:113 Resp: 33463

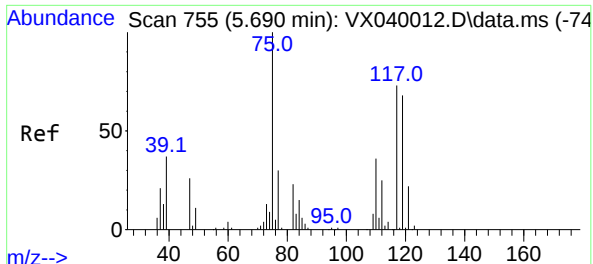
Ion Ratio Lower Upper

113 100

111 106.3 82.9 124.3

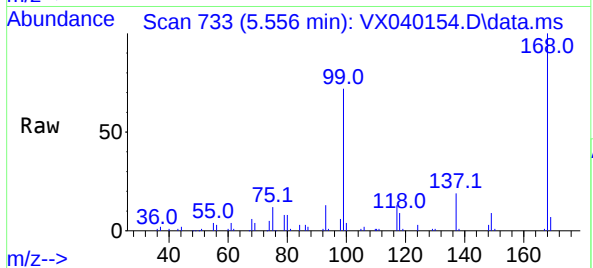
192 15.2 13.3 19.9



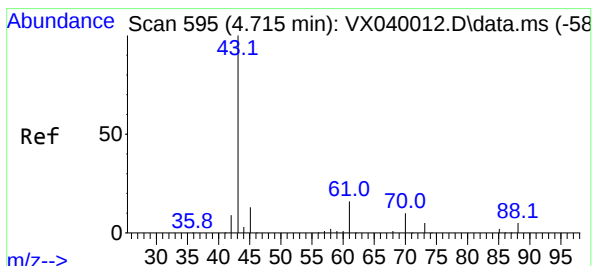
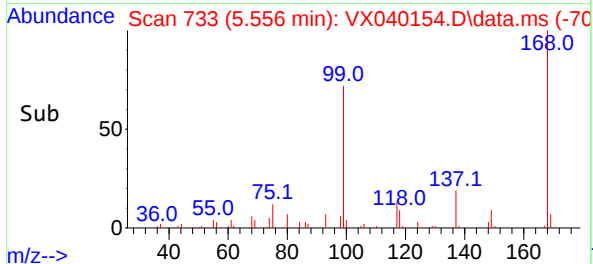
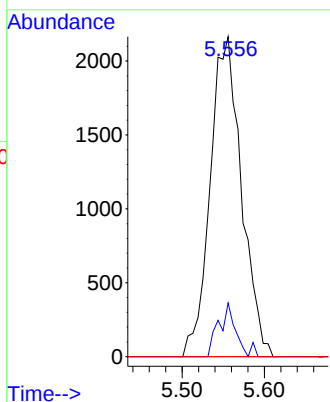


#36
1,1-Dichloropropene
Concen: 5.469 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
TP-1

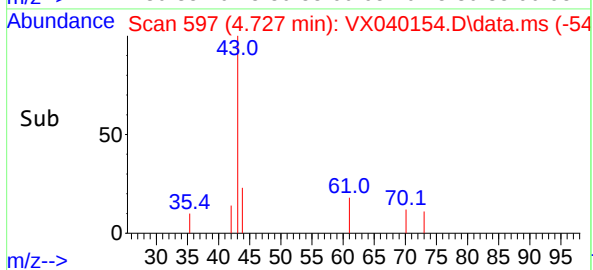
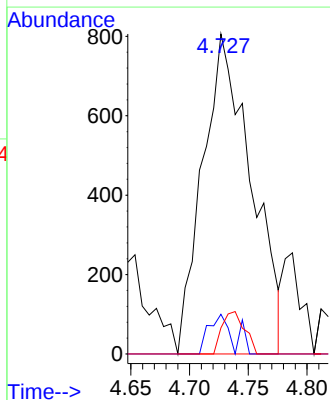
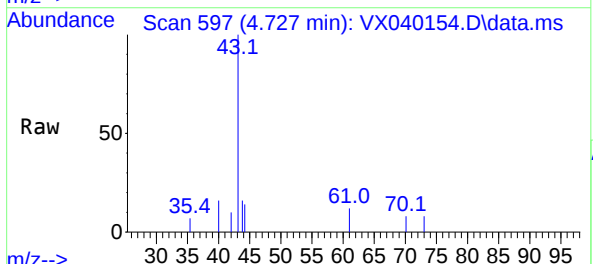


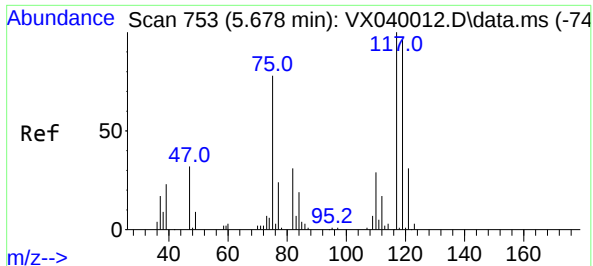
Tgt Ion: 75 Resp: 5722
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.029 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
61 4.9 10.6 16.0#
70 6.2 8.3 12.5#

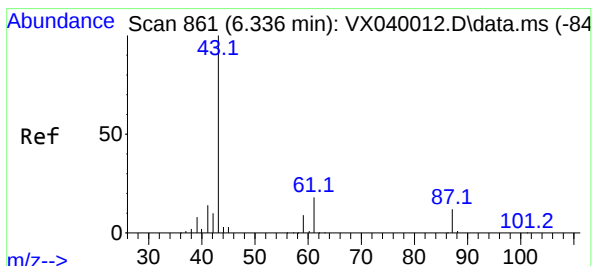
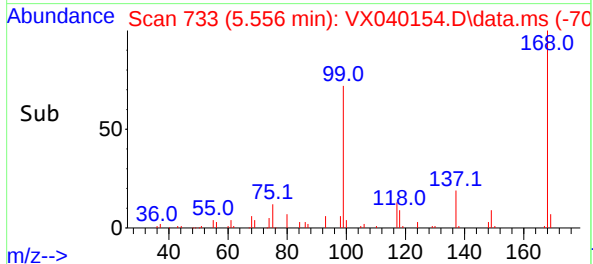
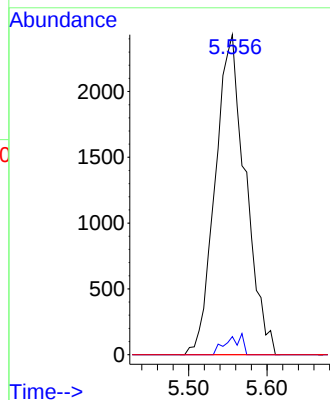
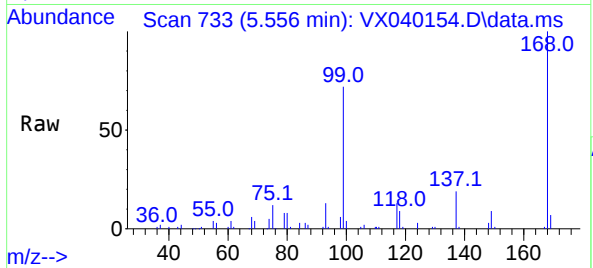




#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

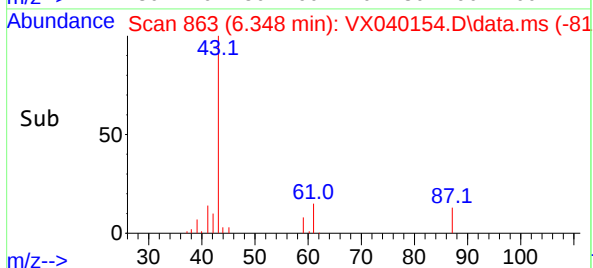
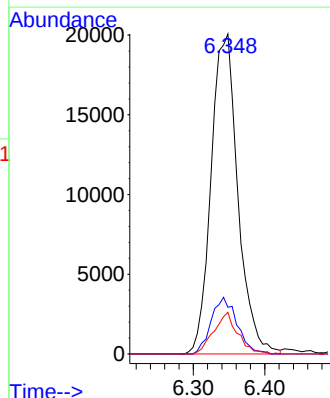
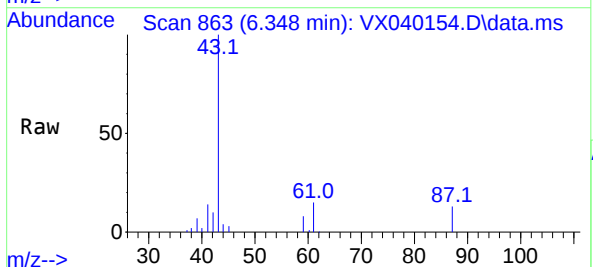
Instrument :
MSVOA_X
ClientSampleId :
TP-1

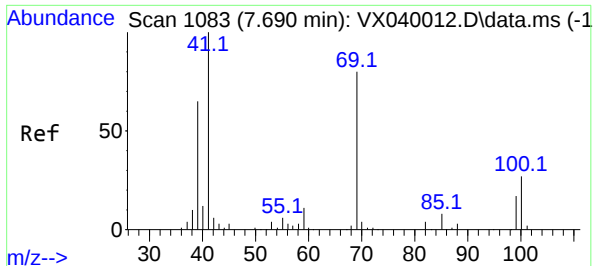
Tgt Ion:117 Resp: 6537
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 28.989 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 43 Resp: 52239
Ion Ratio Lower Upper
43 100
61 17.1 15.2 22.8
87 11.6 9.8 14.6

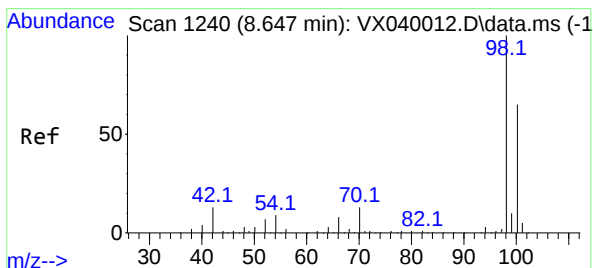
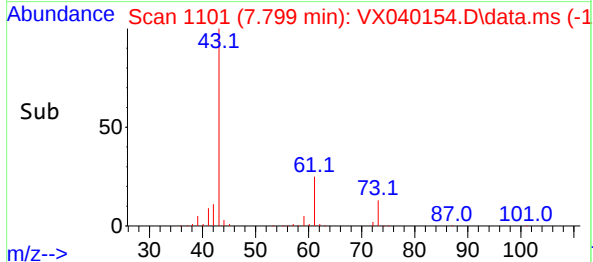
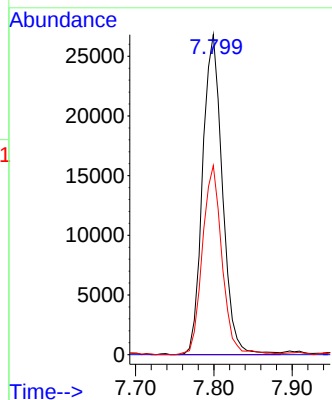
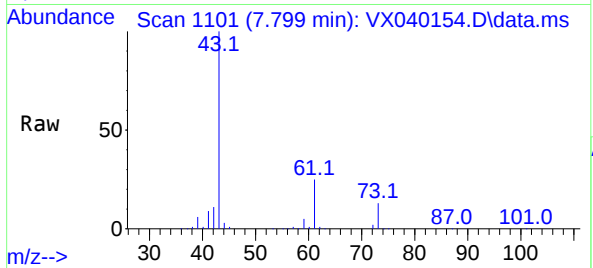




#48
Methyl methacrylate
Concen: 53.160 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

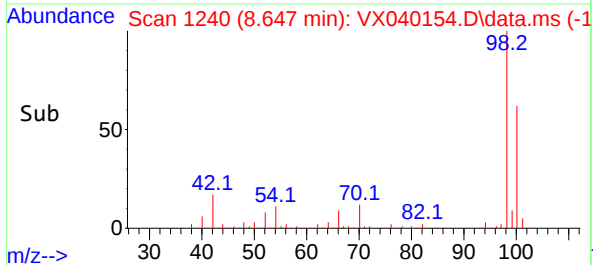
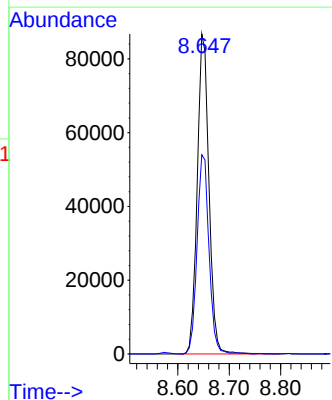
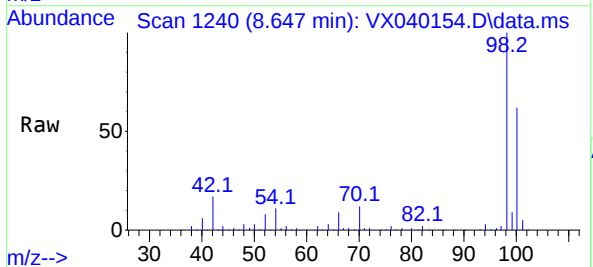
Instrument :
MSVOA_X
ClientSampleId :
TP-1

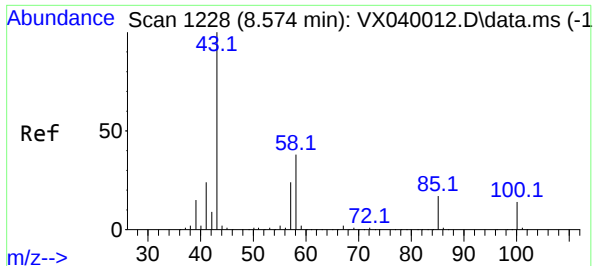
Tgt Ion: 41 Resp: 47190
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 58.4 47.7 71.5



#50
Toluene-d8
Concen: 50.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 98 Resp: 137344
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

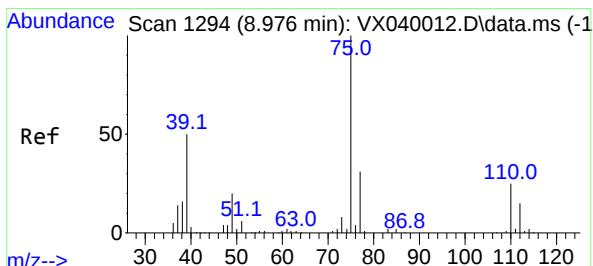
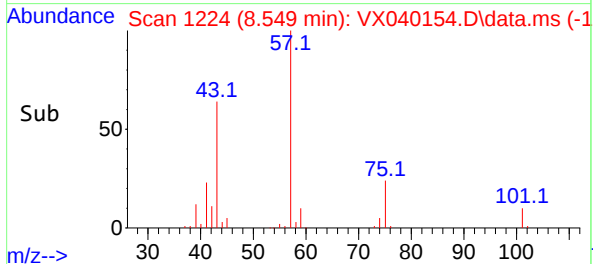
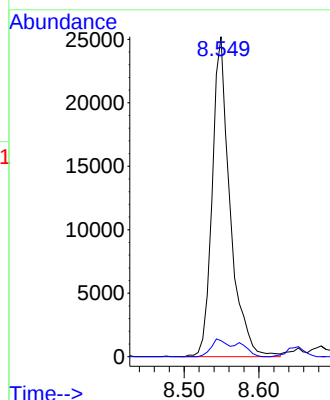
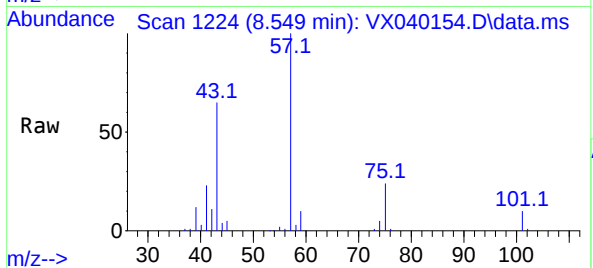




#51
4-Methyl-2-Pentanone
Concen: 33.909 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

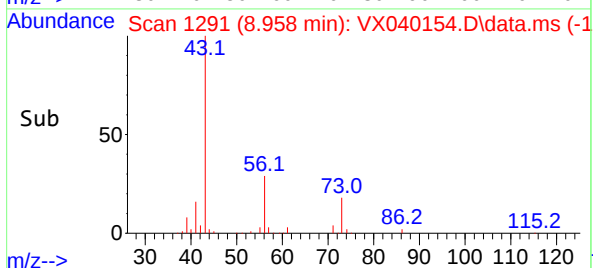
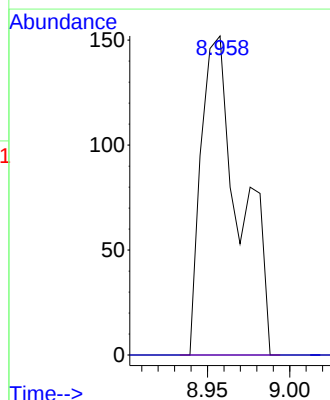
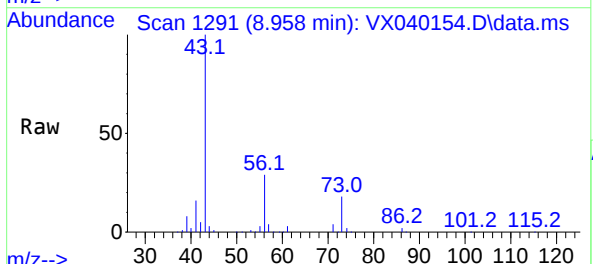
Instrument :
MSVOA_X
ClientSampleId :
TP-1

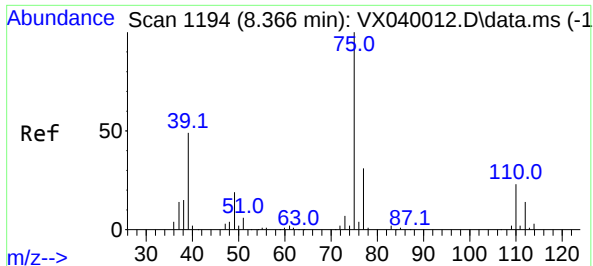
Tgt Ion: 43 Resp: 41712
Ion Ratio Lower Upper
43 100
58 5.1 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.224 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

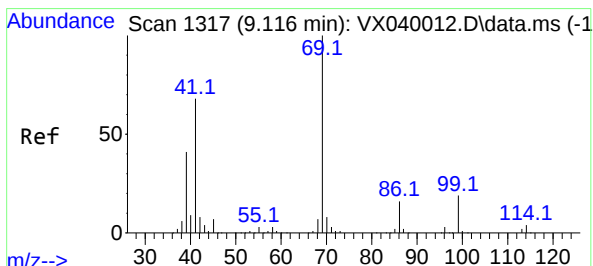
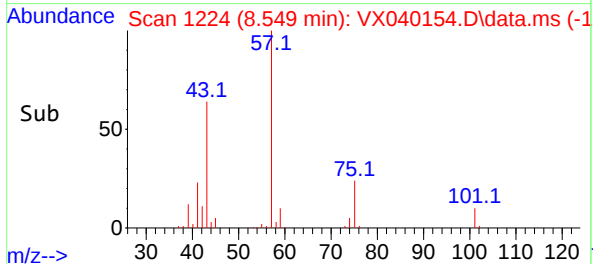
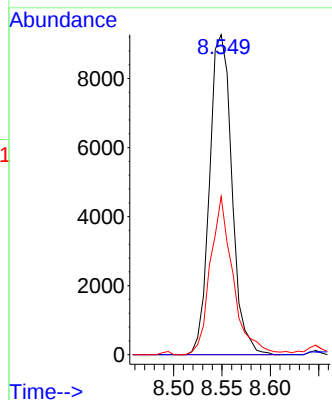
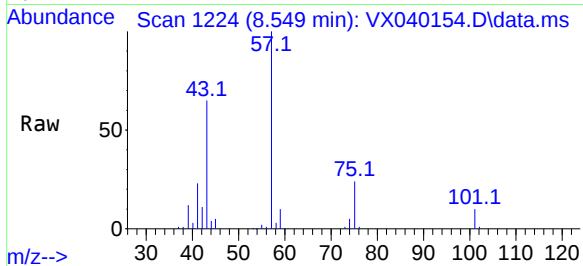




#54
 cis-1,3-Dichloropropene
 Concen: 12.523 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040154.D
 Acq: 07 Feb 2024 16:05

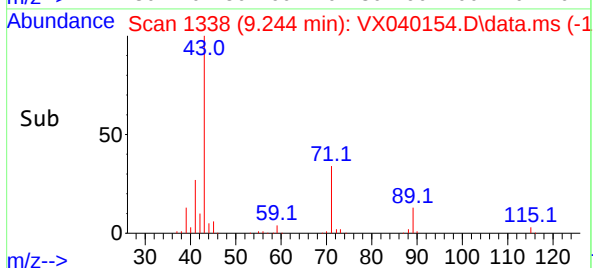
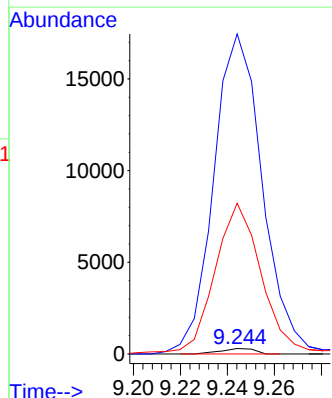
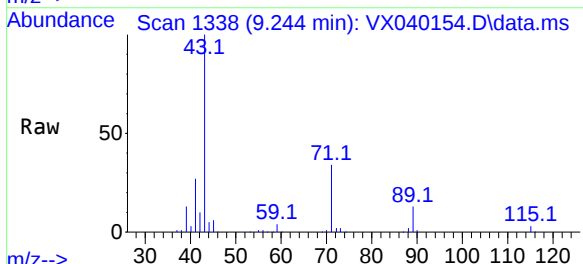
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

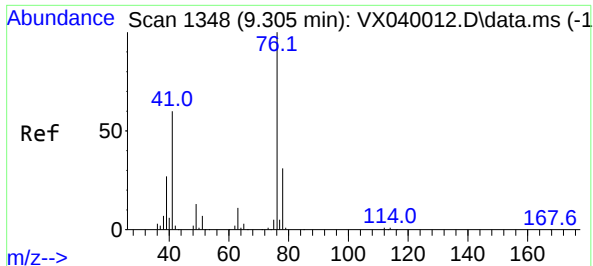
Tgt Ion: 75 Resp: 14908
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 49.4 46.7 70.1



#56
 Ethyl methacrylate
 Concen: 0.259 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX040154.D
 Acq: 07 Feb 2024 16:05

Tgt Ion: 69 Resp: 297
 Ion Ratio Lower Upper
 69 100
 41 8498.0 56.8 85.2#
 39 3833.3 32.0 48.0#

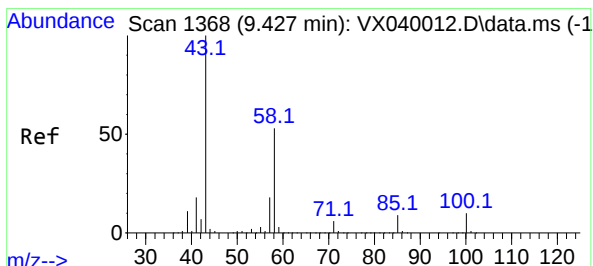
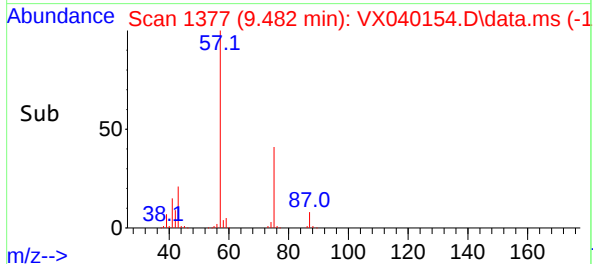
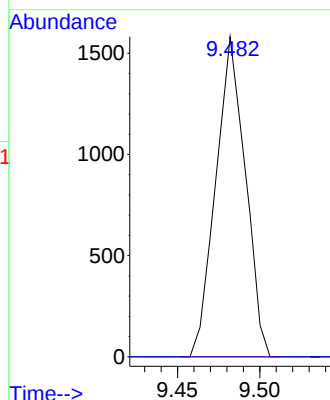
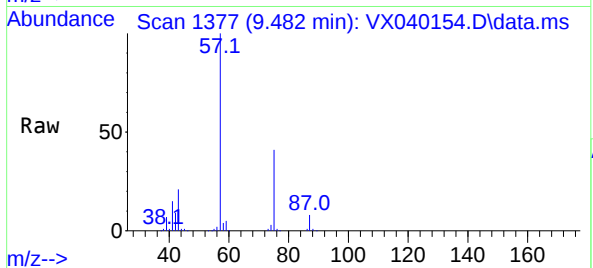




#57
1,3-Dichloropropane
Concen: 1.529 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

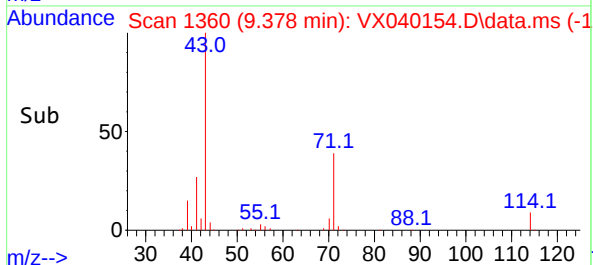
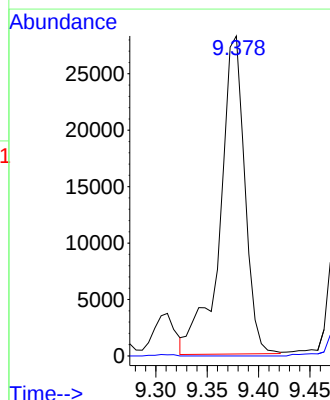
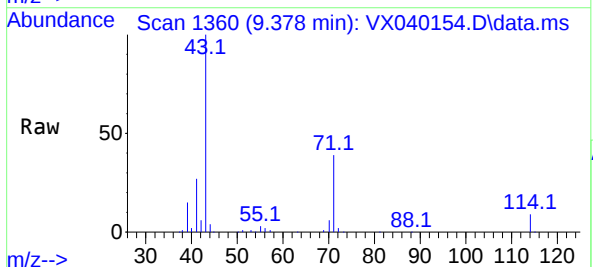
Instrument :
MSVOA_X
ClientSampleId :
TP-1

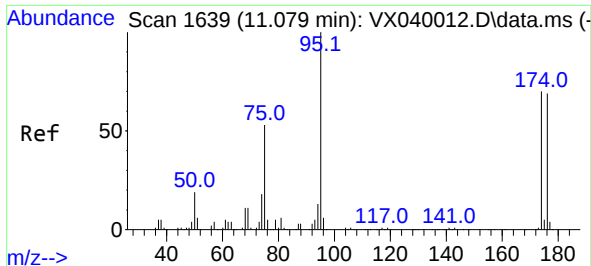
Tgt Ion: 76 Resp: 1980
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 48.009 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 43 Resp: 47087
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

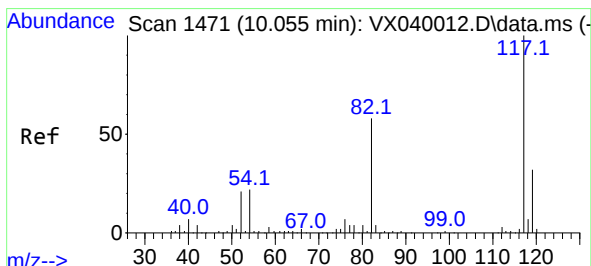
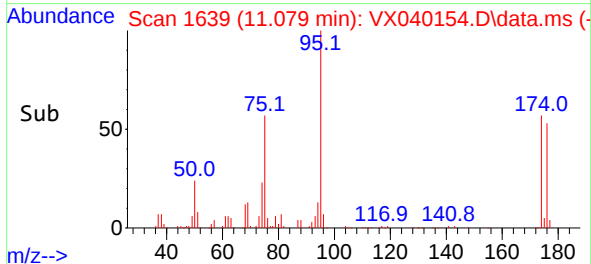
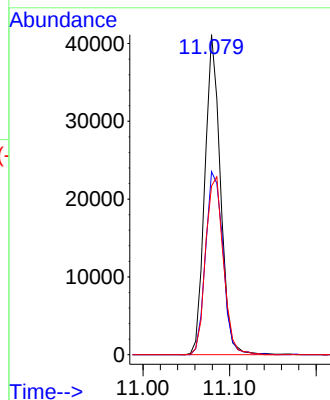
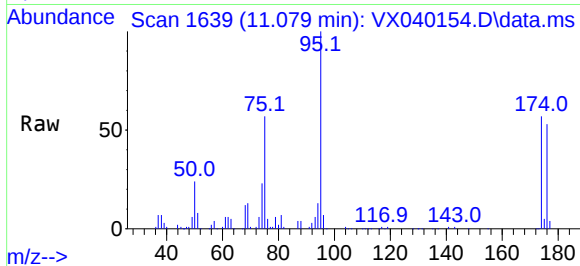




#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

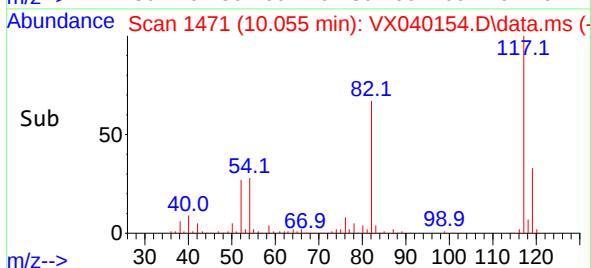
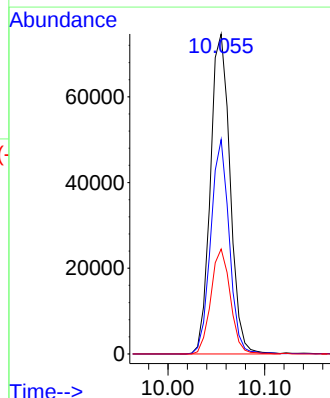
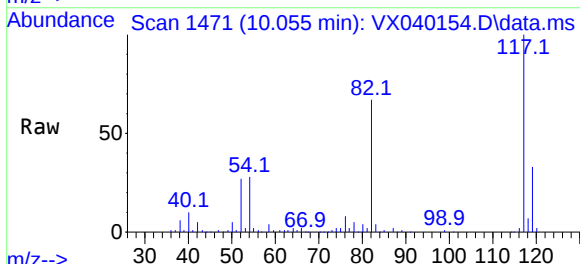
Instrument :
MSVOA_X
ClientSampleId :
TP-1

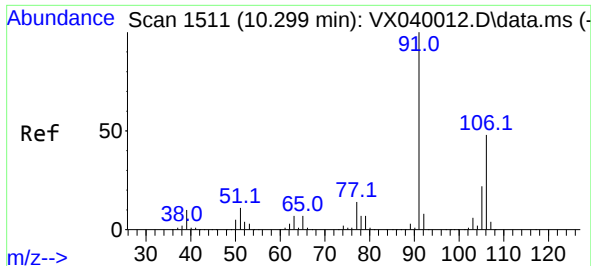
Tgt Ion: 95 Resp: 51547
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.6
176 63.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion: 117 Resp: 105357
Ion Ratio Lower Upper
117 100
82 67.0 46.2 69.4
119 32.8 25.5 38.3

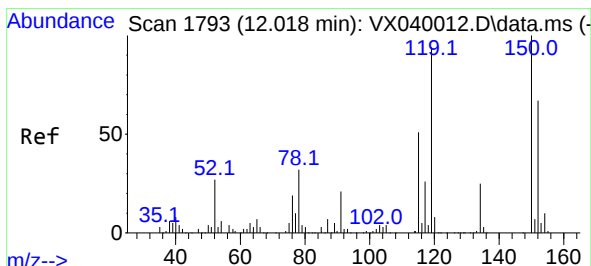
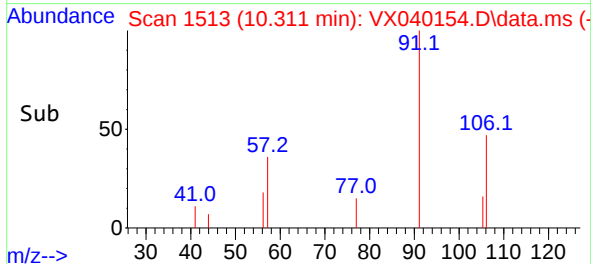
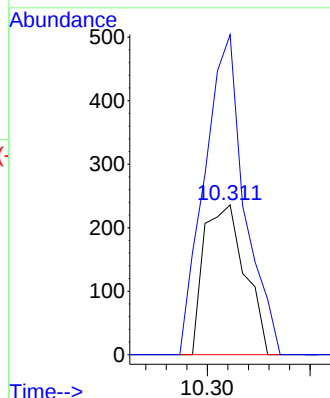
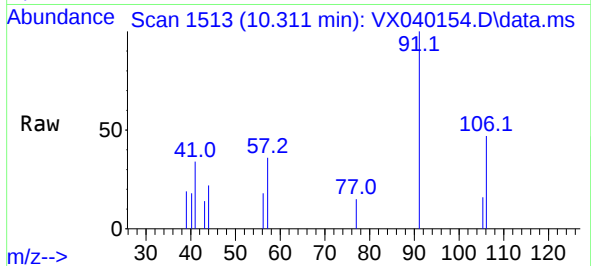




#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

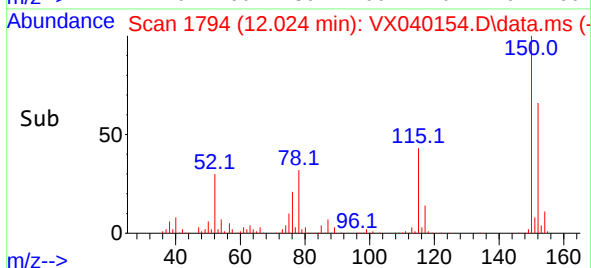
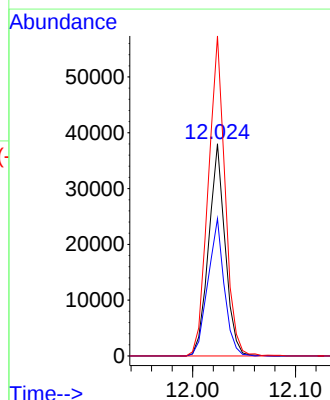
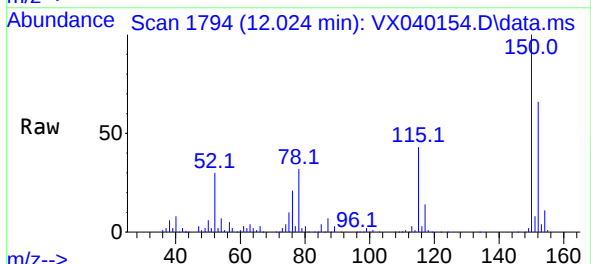
Instrument :
MSVOA_X
ClientSampleId :
TP-1

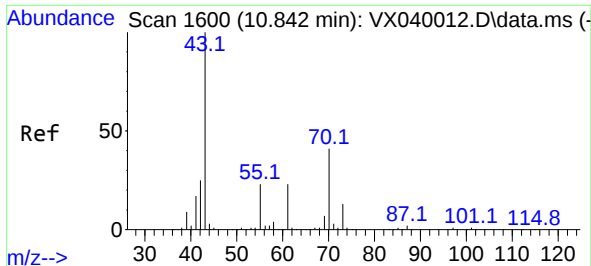
Tgt Ion:106 Resp: 327
Ion Ratio Lower Upper
106 100
91 208.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion:152 Resp: 42435
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 153.8 0.0 345.0

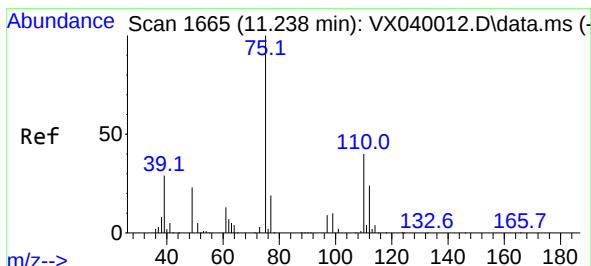
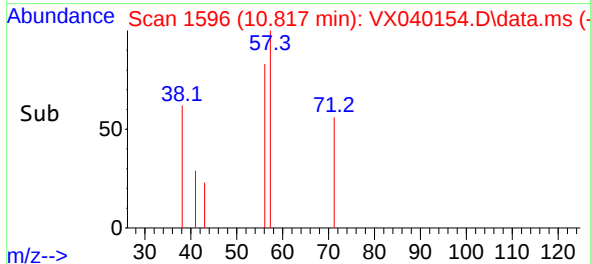
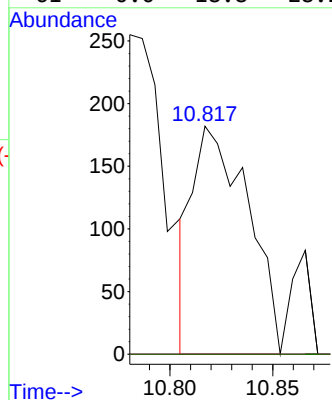
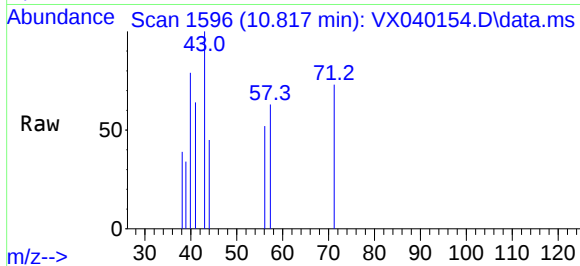




#74
N-amy1 acetate
Concen: 0.445 ug/l
RT: 10.817 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

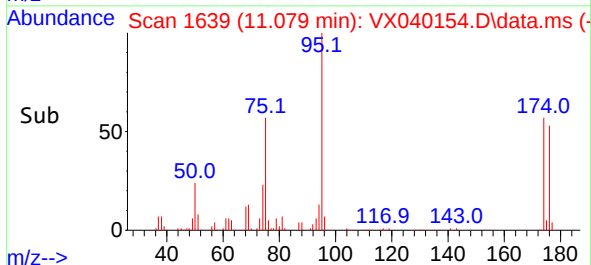
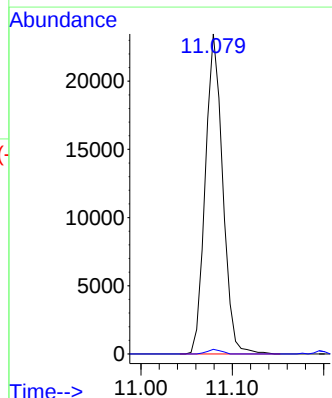
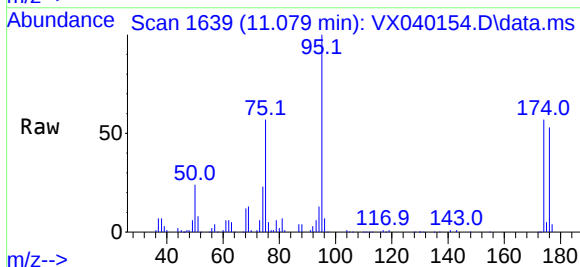
Instrument :
MSVOA_X
ClientSampleId :
TP-1

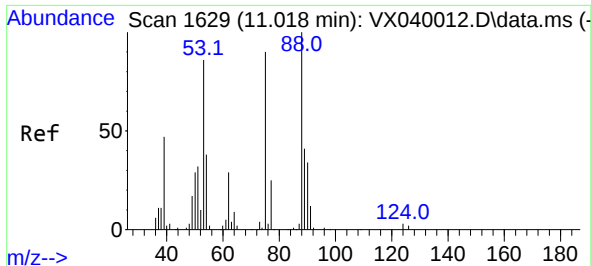
Tgt Ion:	43	Resp:	341
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	0.0	19.3	28.9#
61	0.0	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 34.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion:	75	Resp:	30970
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

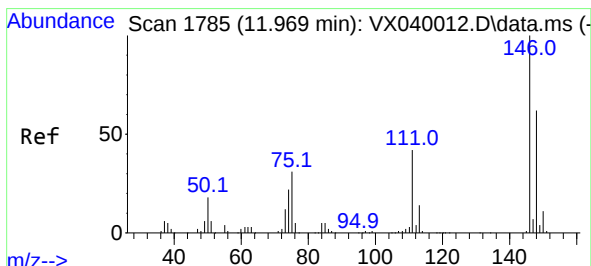
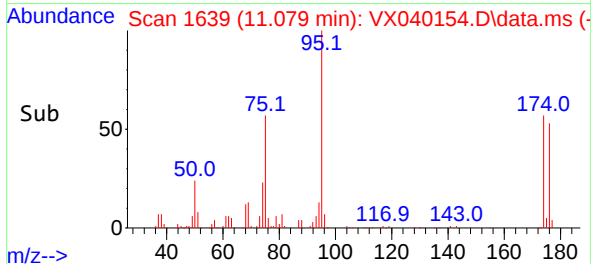
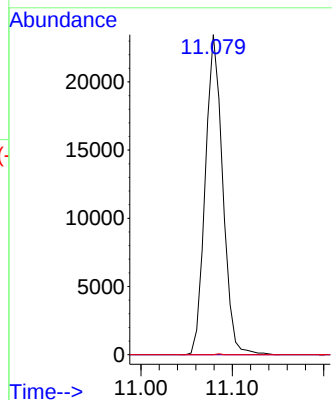
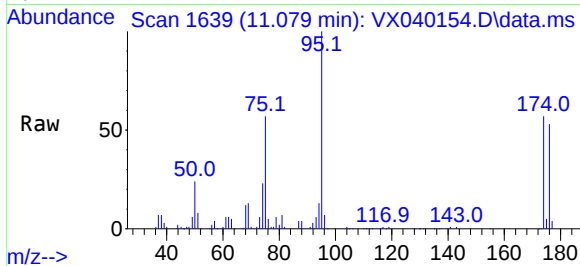




#81
trans-1,4-Dichloro-2-butene
Concen: 95.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

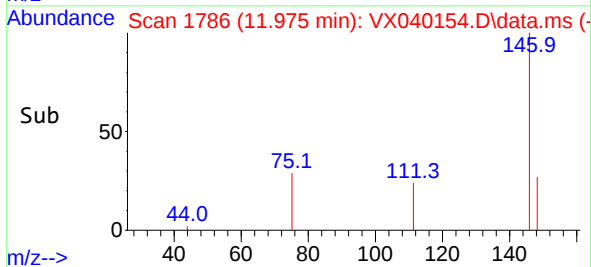
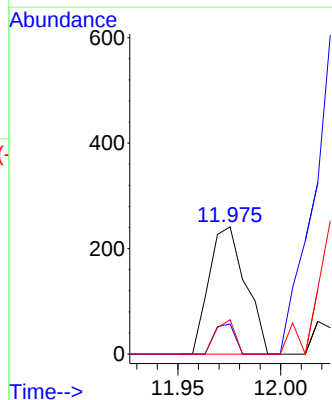
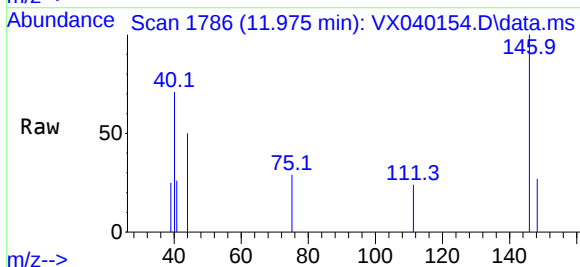
Instrument :
MSVOA_X
ClientSampleId :
TP-1

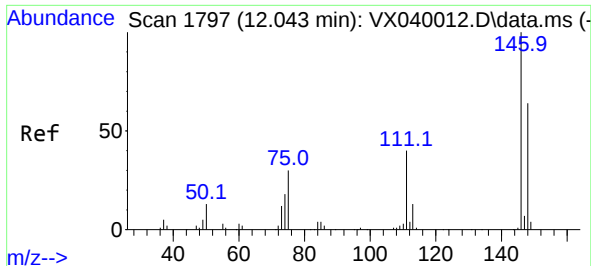
Tgt Ion: 75 Resp: 30970
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.210 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion:146 Resp: 298
Ion Ratio Lower Upper
146 100
111 13.4 22.1 66.1#
148 14.1 31.8 95.3#

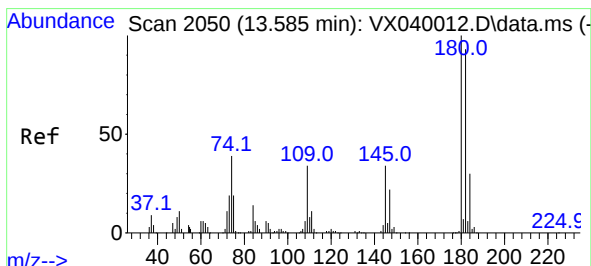
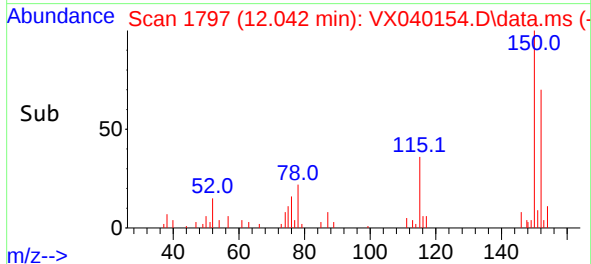
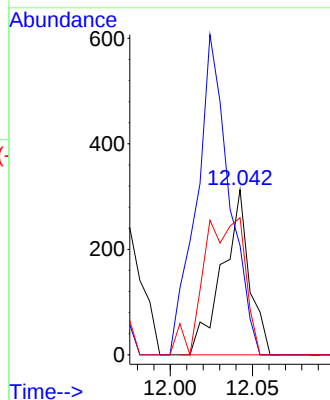
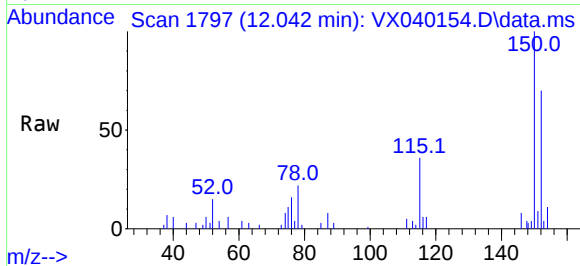




#88
1,4-Dichlorobenzene
Concen: 0.246 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:	146	Resp:	357
Ion	Ratio	Lower	Upper
146	100		
111	235.9	21.3	63.7#
148	126.9	31.8	95.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.255 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040154.D
Acq: 07 Feb 2024 16:05

Tgt Ion:	180	Resp:	218
Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.3	144.8
145	0.0	18.0	54.0#

