

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037767.D
 Acq On : 18 Sep 2023 10:34
 Operator : JC/MD
 Sample : VX0918MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBL01

Quant Time: Sep 18 17:54:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

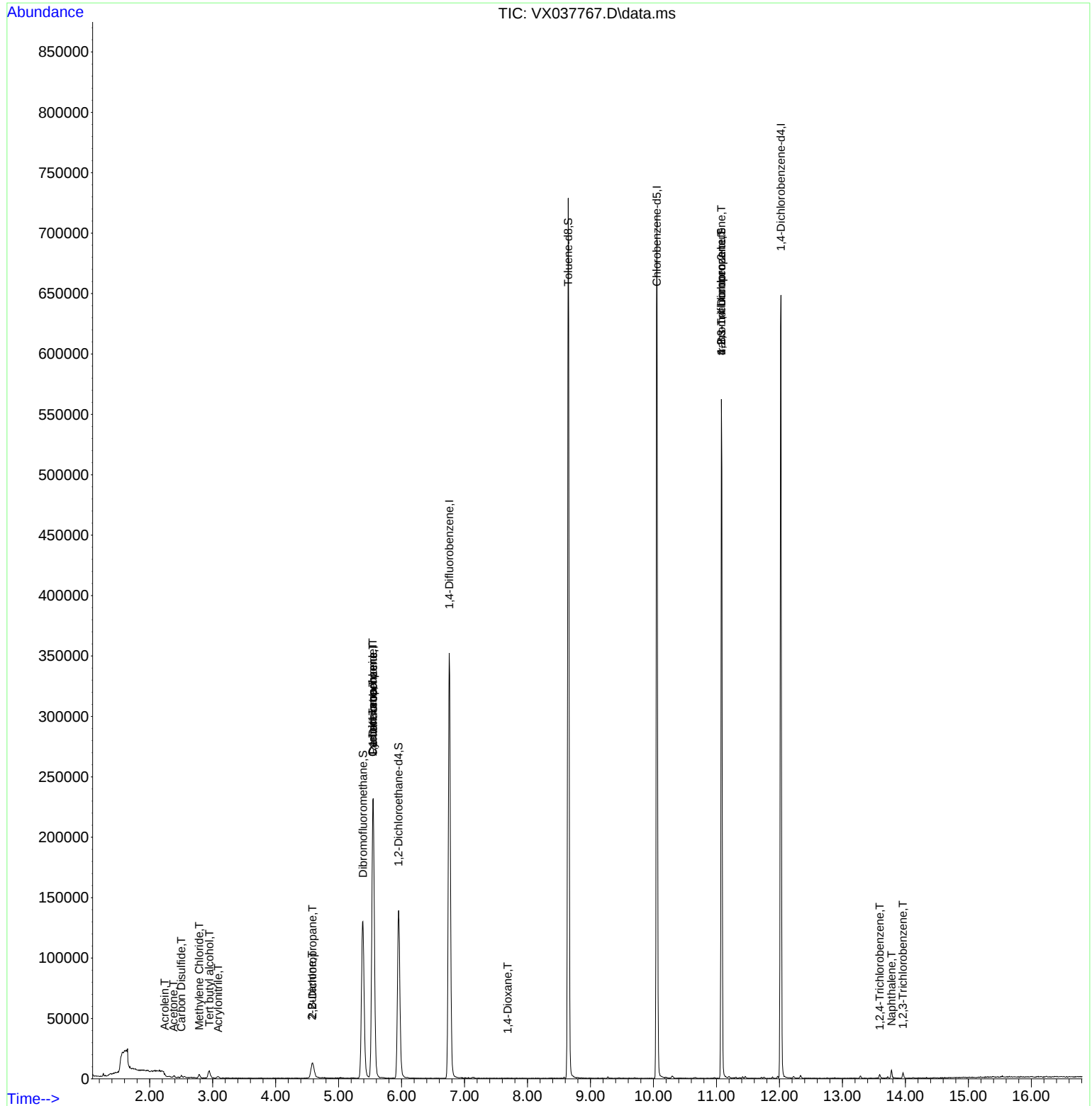
Internal Standards						
1) Pentafluorobenzene	5.550	168	228585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	372428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	133879	44.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.160%		
35) Dibromofluoromethane	5.385	113	116044	46.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.647	98	439998	47.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.079	95	146798	43.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.260%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	4174	6.475	ug/l	# 80
13) Acrolein	2.239	56	769	1.208	ug/l	86
15) Acrylonitrile	3.087	53	512	0.357	ug/l	95
16) Acetone	2.380	43	1442	0.998	ug/l	93
17) Carbon Disulfide	2.501	76	2158	0.386	ug/l	# 95
20) Methylene Chloride	2.788	84	1523	0.545	ug/l	# 82
25) 2-Butanone	4.574	43	1174	0.576	ug/l	# 51
26) 2,2-Dichloropropane	4.586	77	1349	0.360	ug/l	# 54
31) Cyclohexane	5.544	56	4880	1.266	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	17554	5.114	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	22266	6.199	ug/l	# 15
49) 1,4-Dioxane	7.683	88	207	2.737	ug/l	# 36
76) 1,2,3-Trichloropropane	11.079	75	73676	22.559	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	73676	72.266	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1132	0.394	ug/l	95
95) Naphthalene	13.780	128	4982	0.512	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1421	0.480	ug/l	94

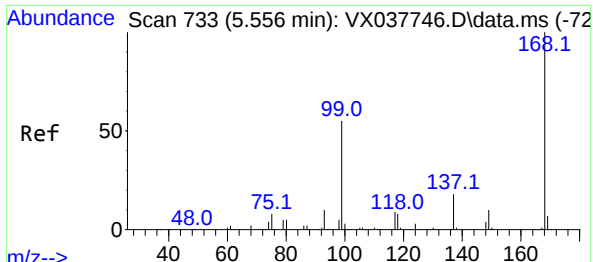
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 16 04:55:44 2023
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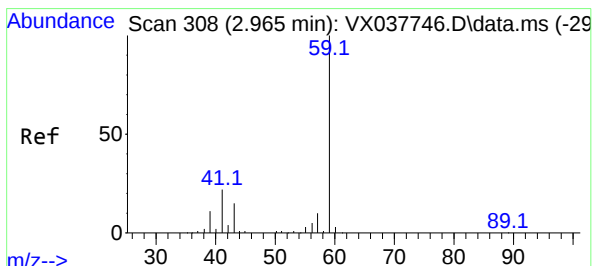
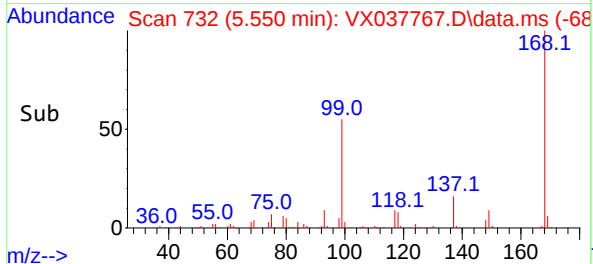
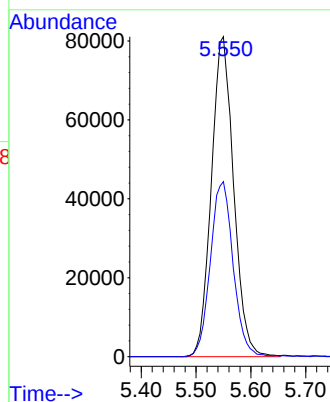
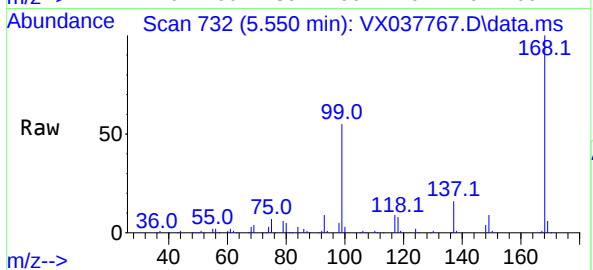




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

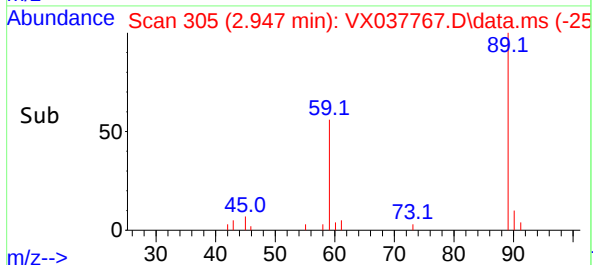
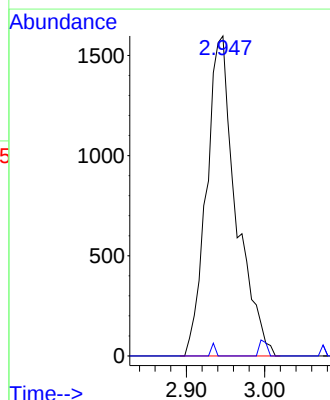
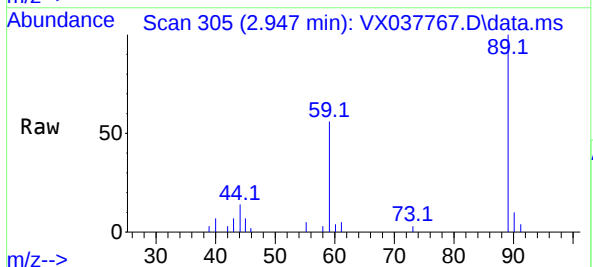
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

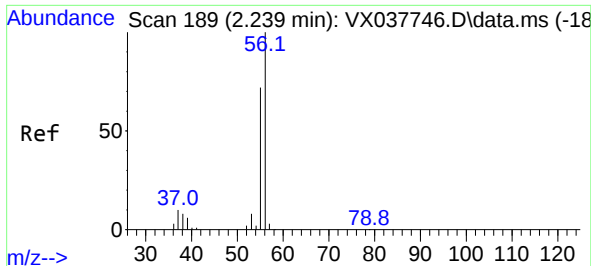
Tgt Ion:168 Resp: 228585
Ion Ratio Lower Upper
168 100
99 54.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 6.475 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 59 Resp: 4174
Ion Ratio Lower Upper
59 100
57 0.6 6.0 9.0#

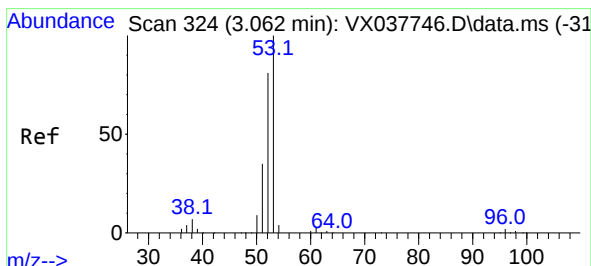
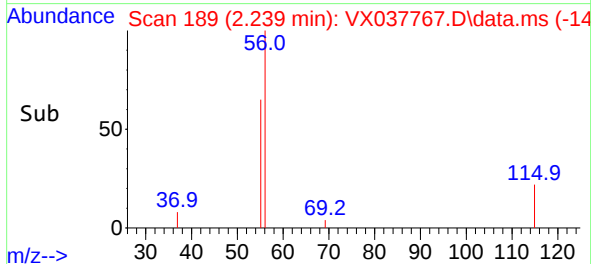
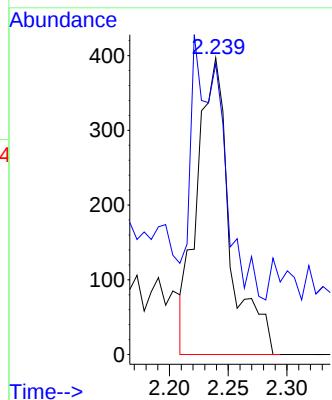
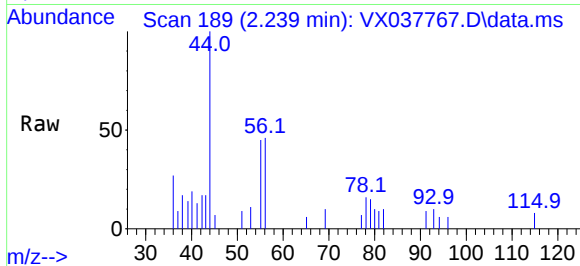




#13
Acrolein
Concen: 1.208 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

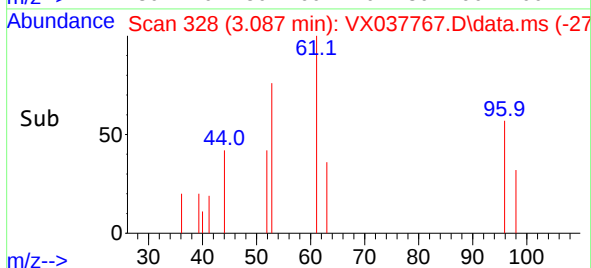
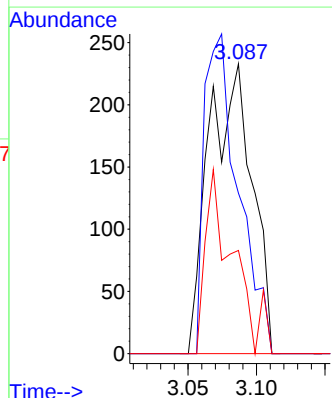
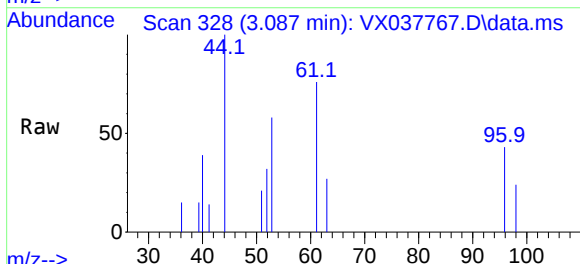
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

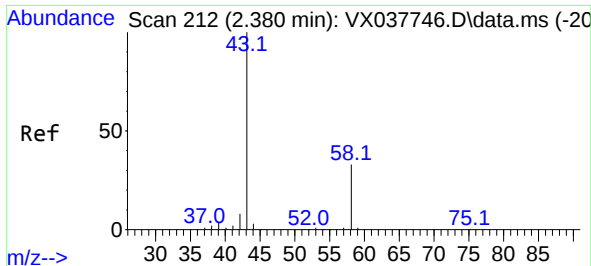
Tgt Ion: 56 Resp: 769
Ion Ratio Lower Upper
56 100
55 83.0 57.1 85.7



#15
Acrylonitrile
Concen: 0.357 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 53 Resp: 512
Ion Ratio Lower Upper
53 100
52 86.7 66.0 99.0
51 41.4 29.8 44.6

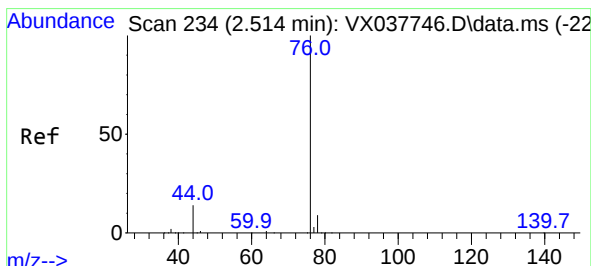
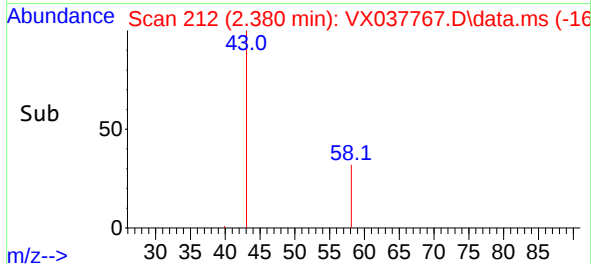
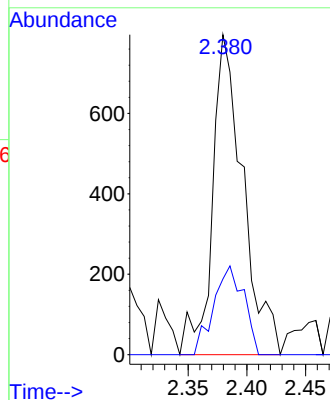
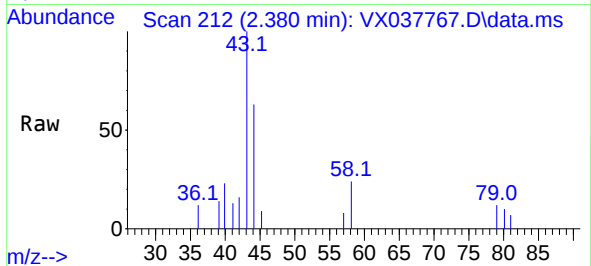




#16
Acetone
Concen: 0.998 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

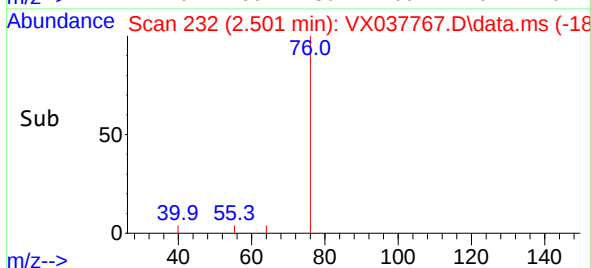
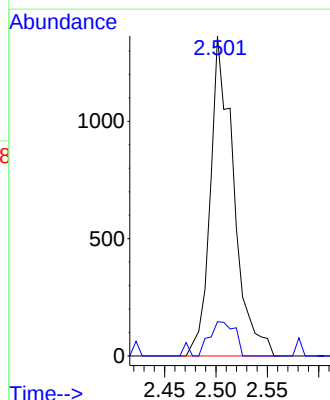
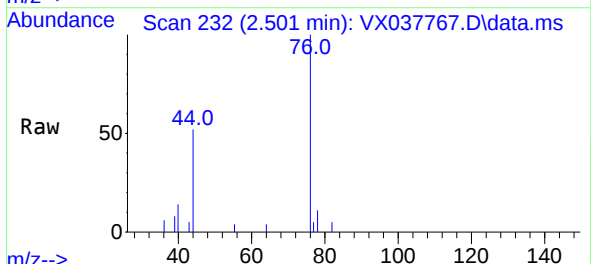
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

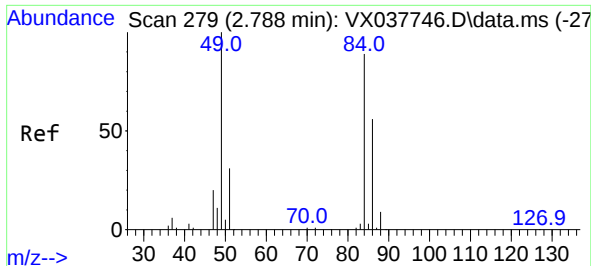
Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

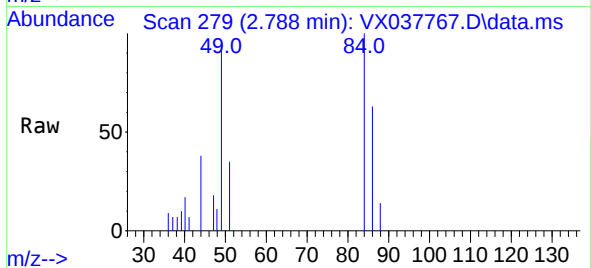
Tgt Ion: 76 Resp: 2158
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#





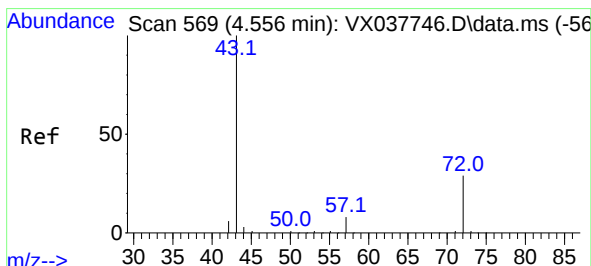
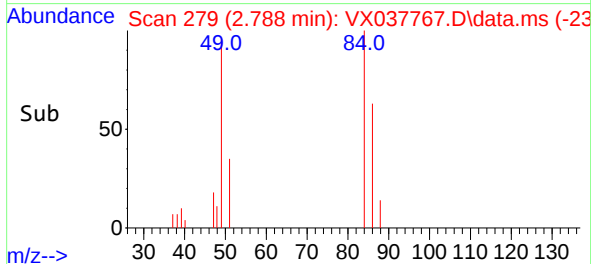
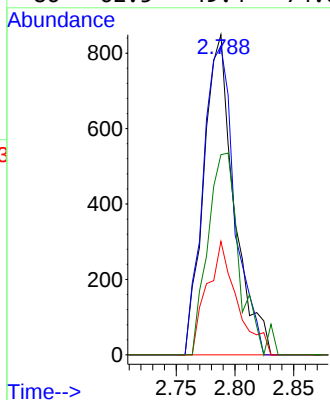
#20
Methylene Chloride
Concen: 0.545 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01



Tgt Ion: 84 Resp: 1523

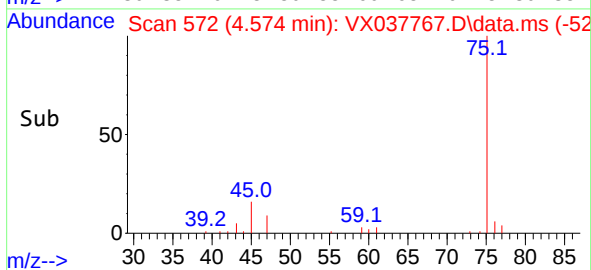
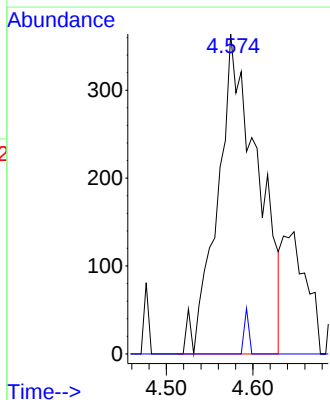
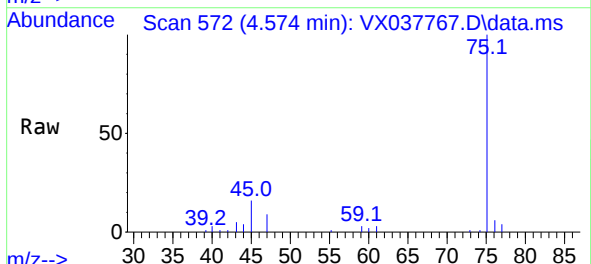
Ion	Ratio	Lower	Upper
84	100		
49	96.5	103.6	155.4#
51	35.5	33.8	50.6
86	62.5	49.4	74.0

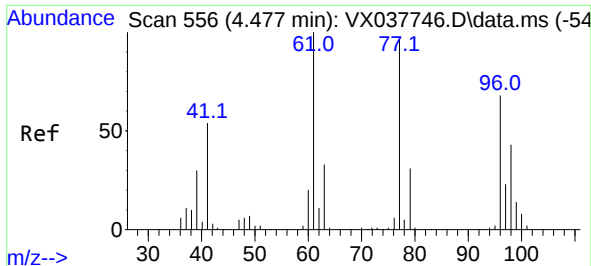


#25
2-Butanone
Concen: 0.576 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 43 Resp: 1174

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#26

2,2-Dichloropropane

Concen: 0.360 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.110 min

Lab File: VX037767.D

Acq: 18 Sep 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

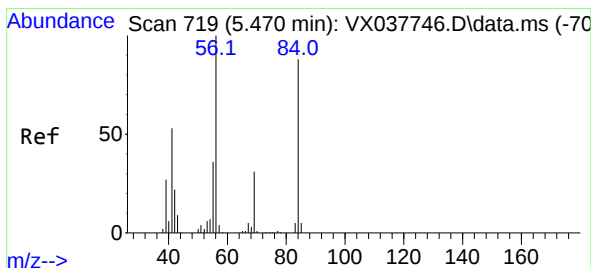
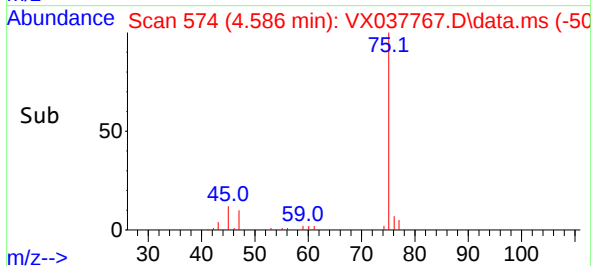
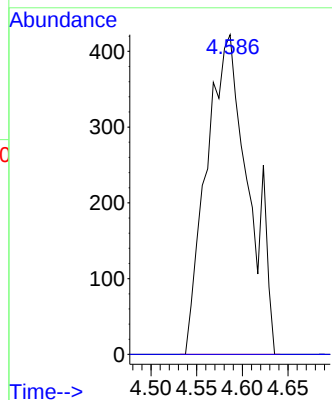
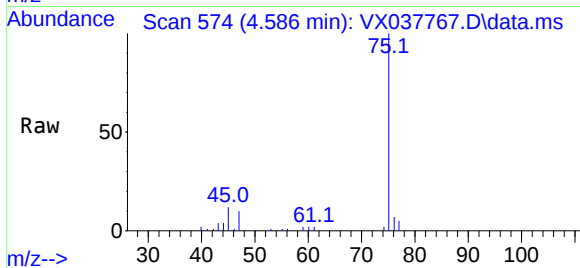
VX0918MBL01

Tgt Ion: 77 Resp: 1349

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037767.D

Acq: 18 Sep 2023 10:34

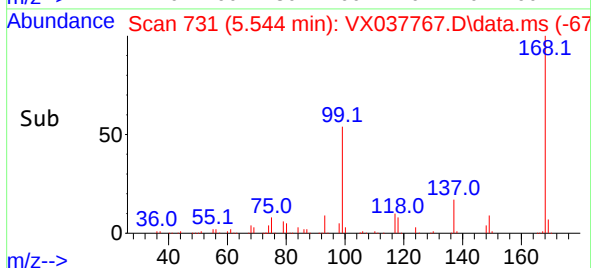
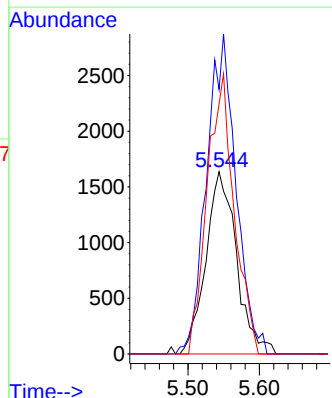
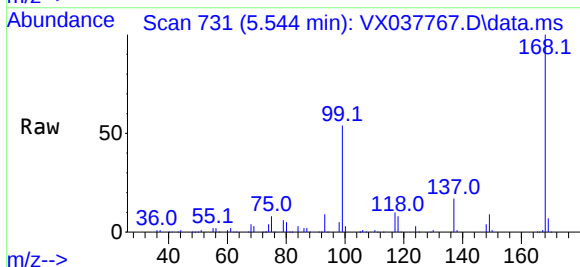
Tgt Ion: 56 Resp: 4880

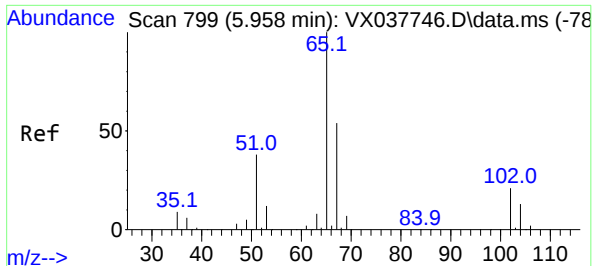
Ion Ratio Lower Upper

56 100

69 145.1 23.4 35.2#

84 137.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.578 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037767.D

Acq: 18 Sep 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

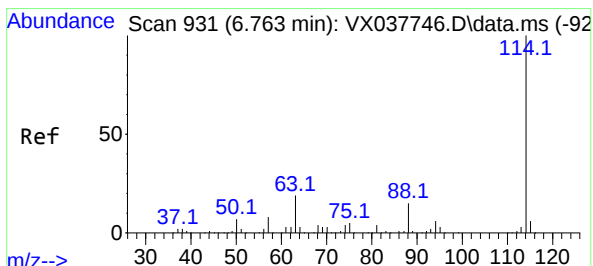
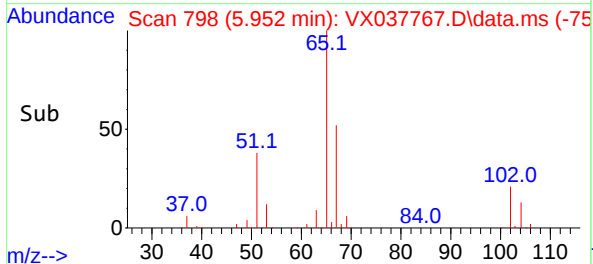
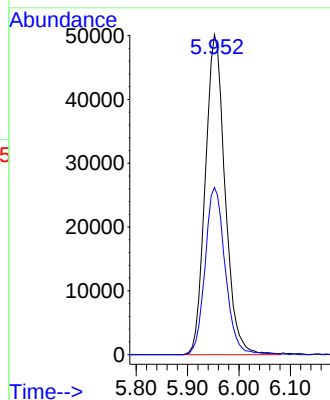
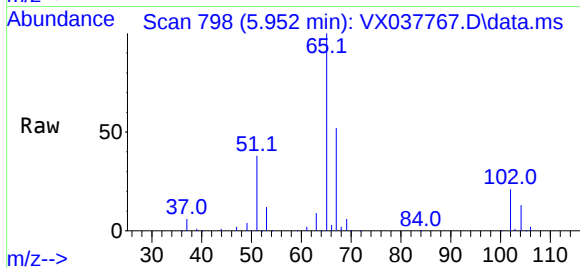
VX0918MBL01

Tgt Ion: 65 Resp: 133879

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037767.D

Acq: 18 Sep 2023 10:34

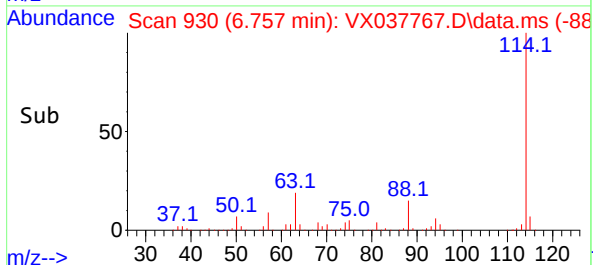
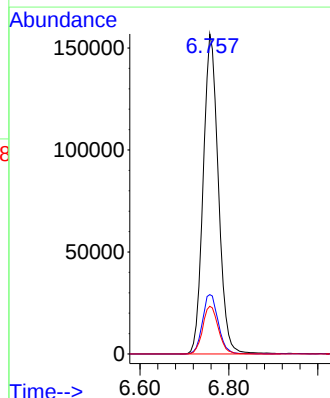
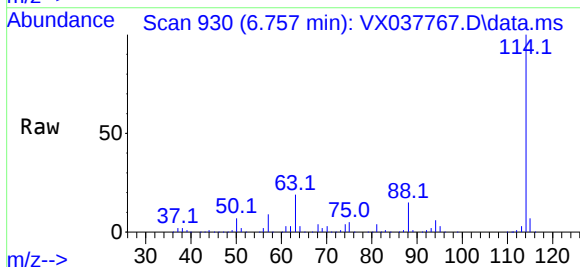
Tgt Ion: 114 Resp: 372428

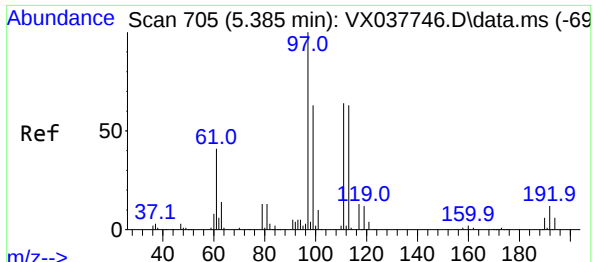
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.568 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037767.D

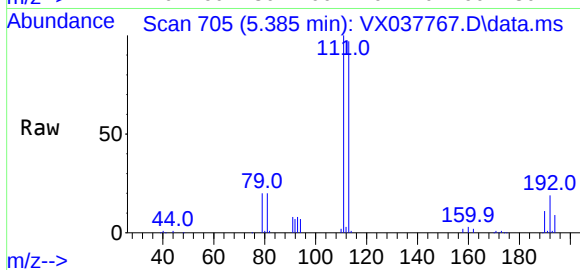
Acq: 18 Sep 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBL01



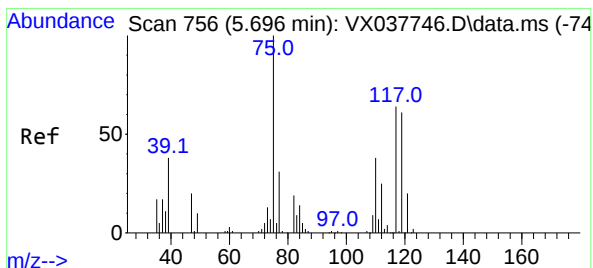
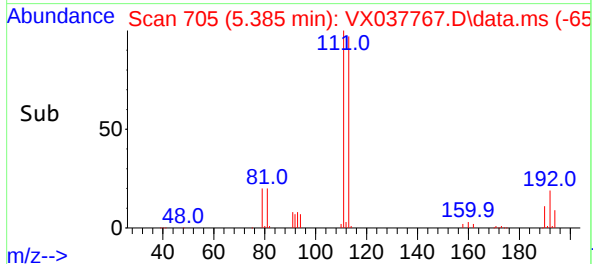
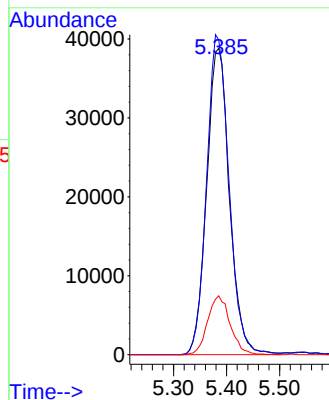
Tgt Ion:113 Resp: 116044

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.114 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.153 min

Lab File: VX037767.D

Acq: 18 Sep 2023 10:34

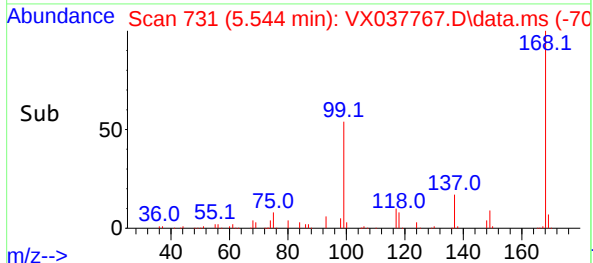
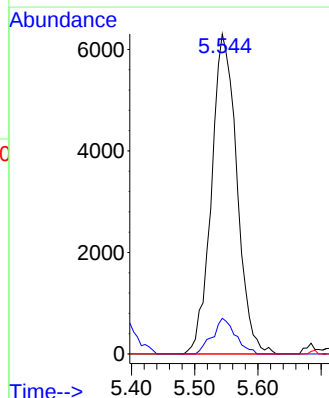
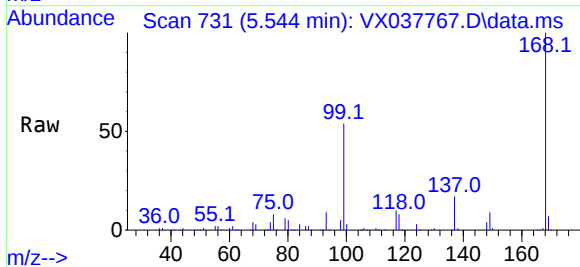
Tgt Ion: 75 Resp: 17554

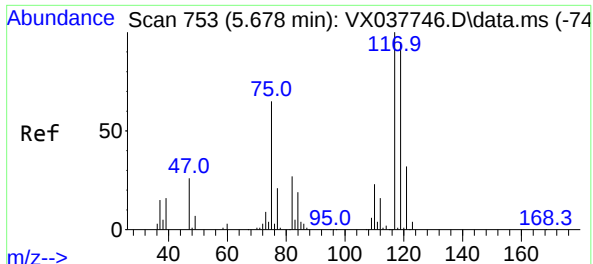
Ion Ratio Lower Upper

75 100

110 10.1 17.0 50.9#

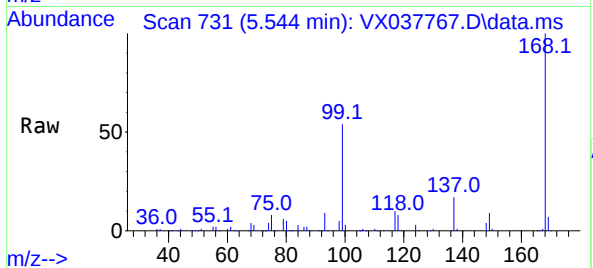
77 0.0 24.7 37.1#



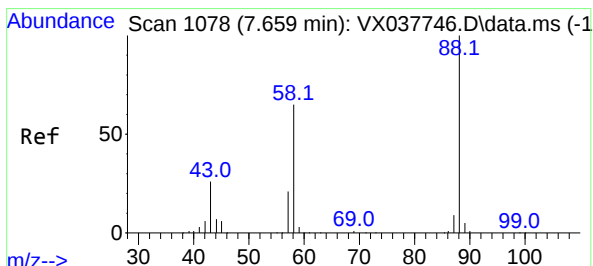
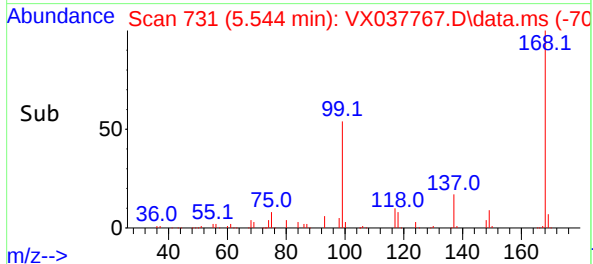
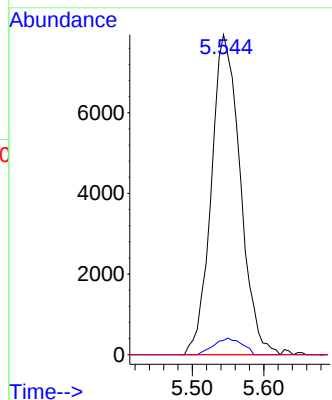


#38
Carbon Tetrachloride
Concen: 6.199 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

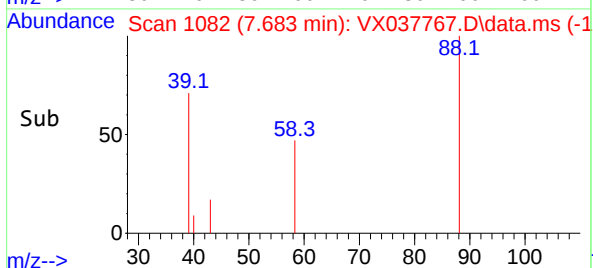
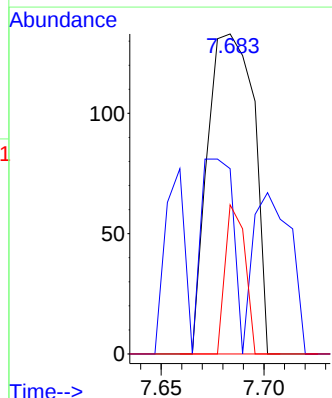
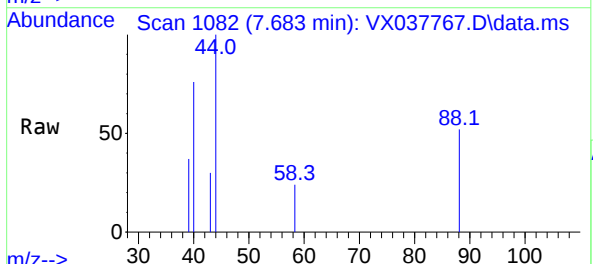


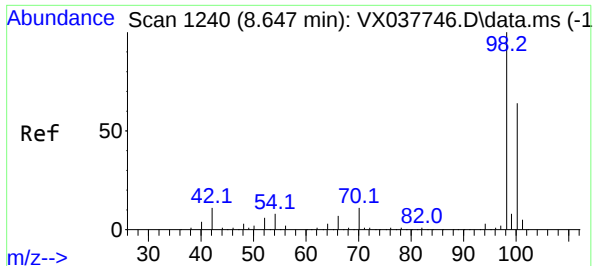
Tgt Ion:117 Resp: 22266
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 2.737 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 42.0 0.0 0.0#
58 20.3 60.1 90.1#

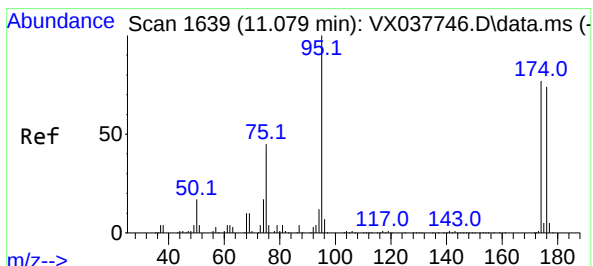
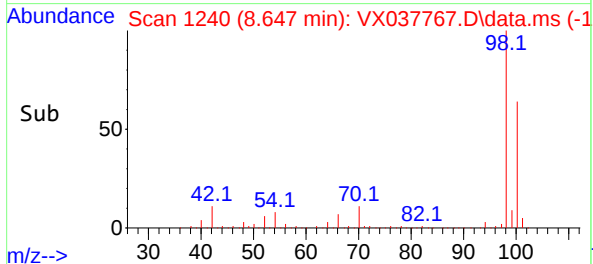
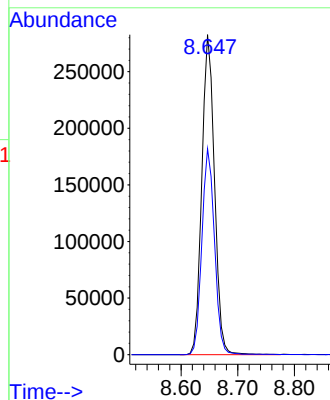
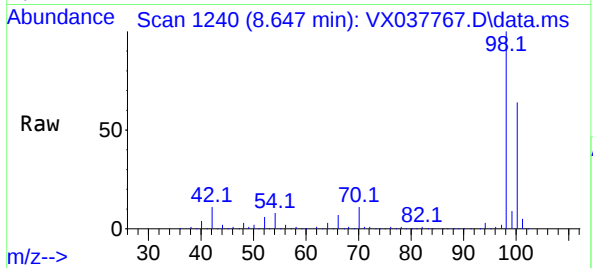




#50
Toluene-d8
Concen: 47.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

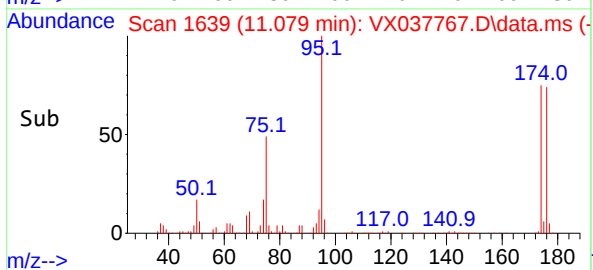
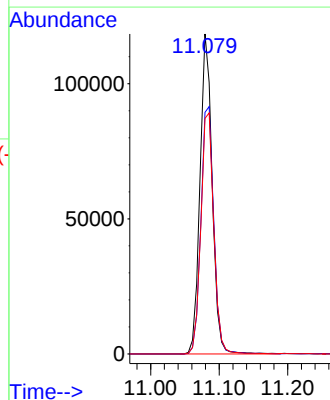
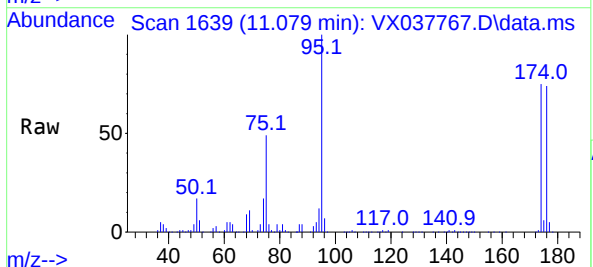
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

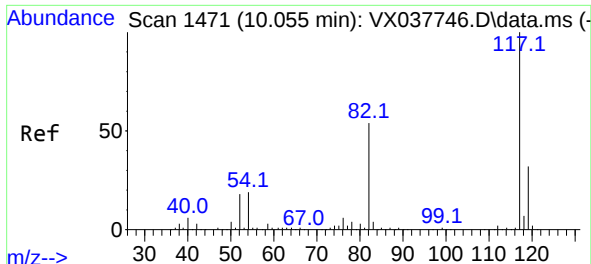
Tgt Ion: 98 Resp: 439998
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 95 Resp: 146798
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 80.0 0.0 131.0

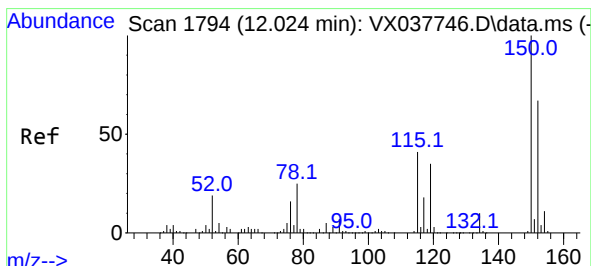
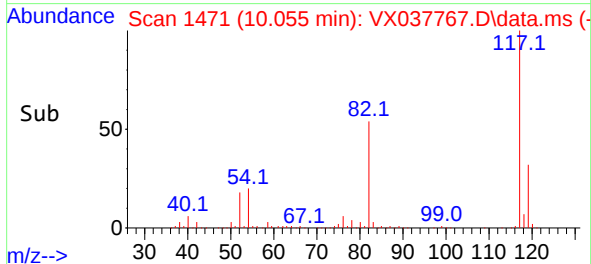
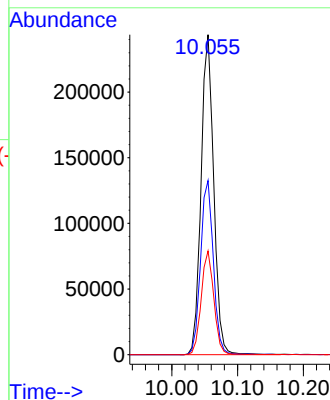
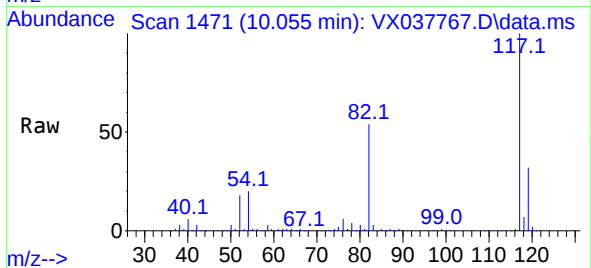




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

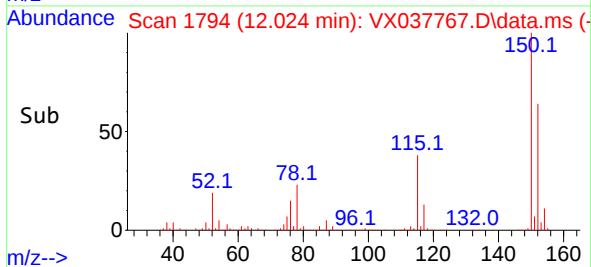
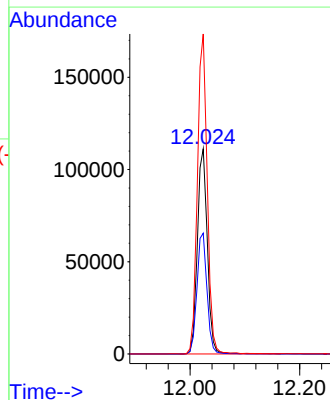
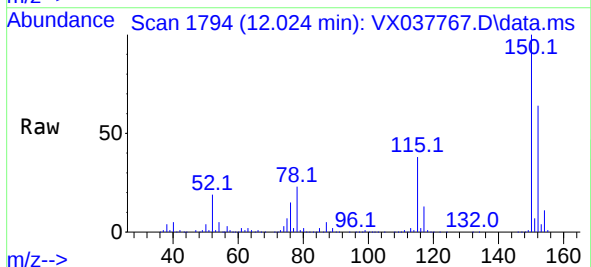
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

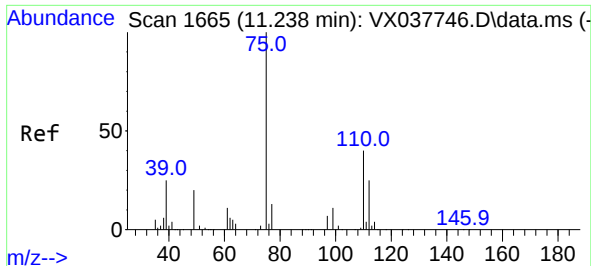
Tgt Ion:117 Resp: 325675
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion:152 Resp: 141203
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 154.6 0.0 345.0

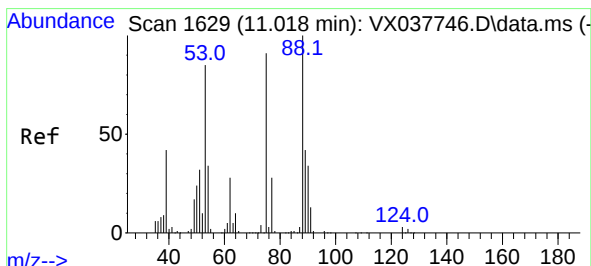
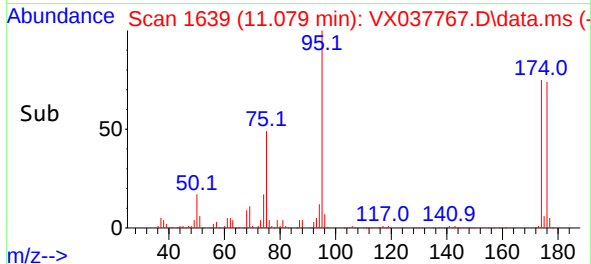
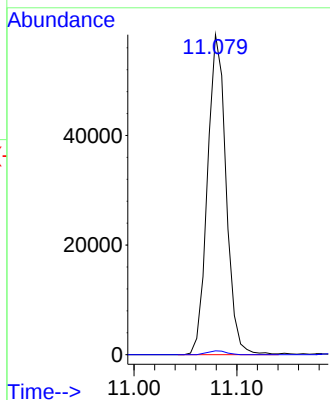
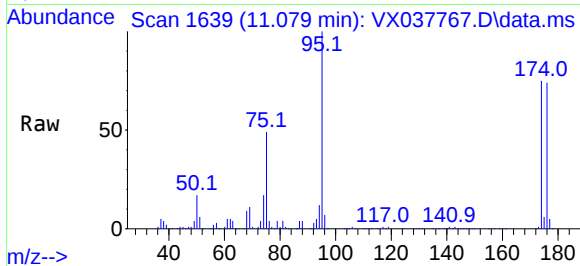




#76
1,2,3-Trichloropropane
Concen: 22.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

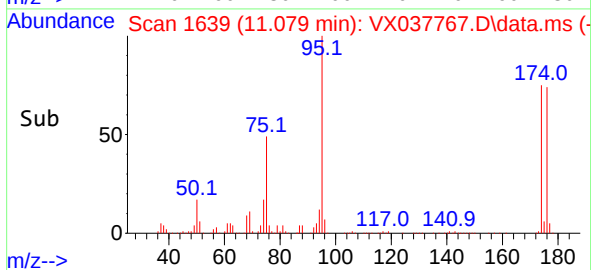
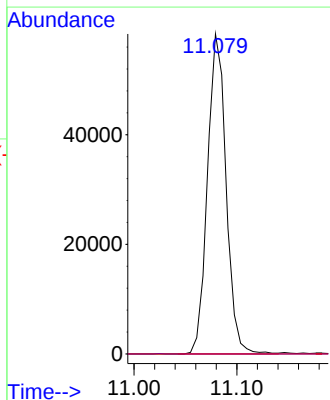
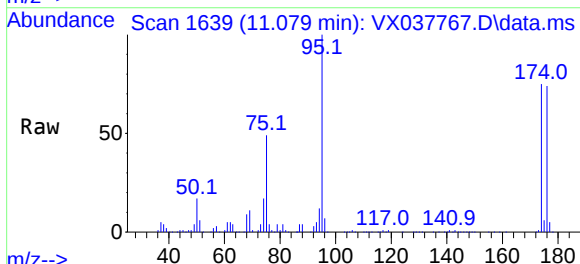
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

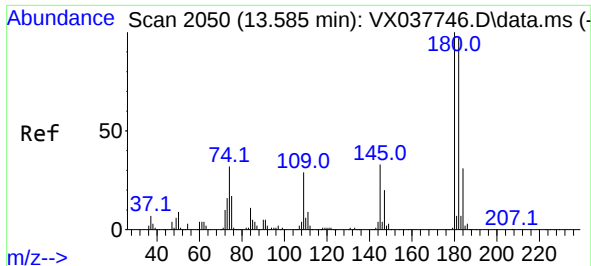
Tgt Ion: 75 Resp: 73676
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

Tgt Ion: 75 Resp: 73676
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

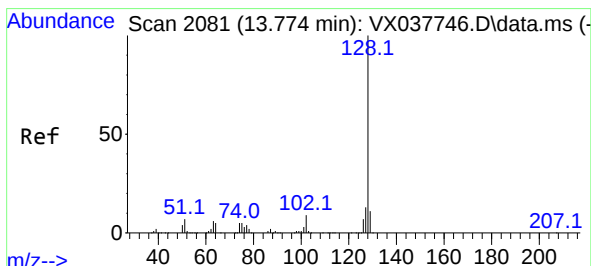
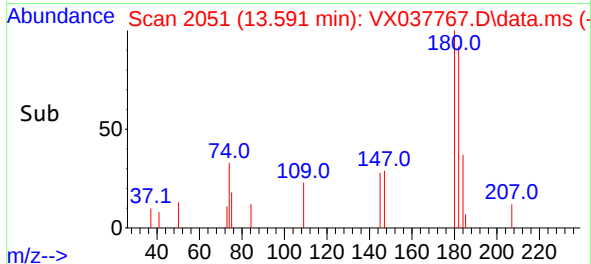
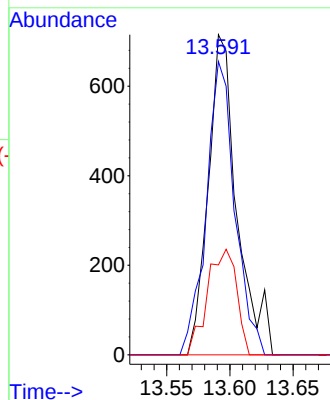
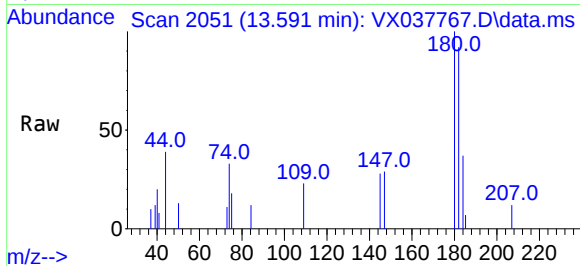




#93
1,2,4-Trichlorobenzene
Concen: 0.394 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

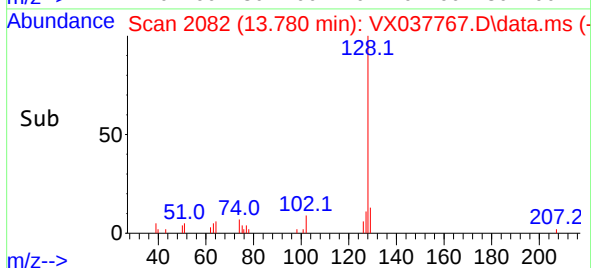
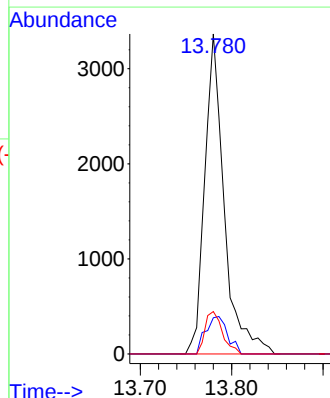
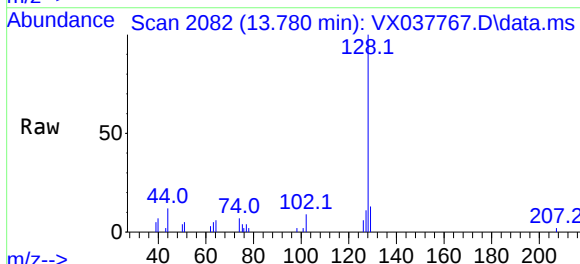
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

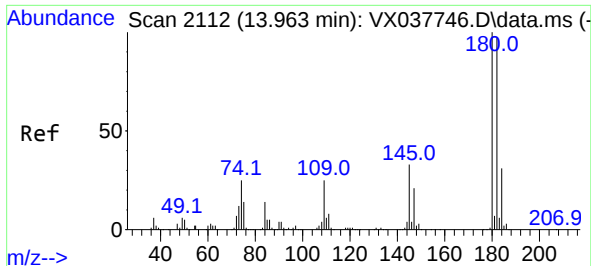
Tgt Ion:180	Resp:	1132
Ion	Ratio	Lower Upper
180	100	
182	91.1	48.3 144.8
145	33.4	18.0 54.0



#95
Naphthalene
Concen: 0.512 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX037767.D
Acq: 18 Sep 2023 10:34

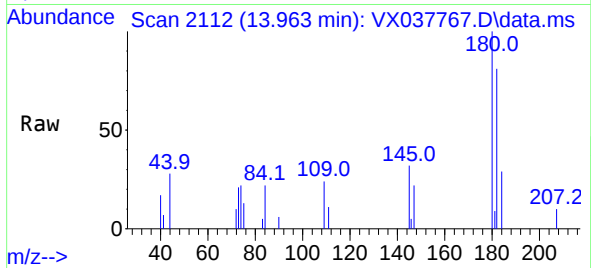
Tgt Ion:128	Resp:	4982
Ion	Ratio	Lower Upper
128	100	
127	13.1	10.3 15.5
129	11.8	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.480 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037767.D
 Acq: 18 Sep 2023 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBL01



Tgt Ion:180 Resp: 1421

Ion	Ratio	Lower	Upper
180	100		
182	86.6	46.9	140.6
145	33.8	17.8	53.5

