

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040475.D
 Acq On : 27 Feb 2024 09:35
 Operator : JC/MD
 Sample : VX0227MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBL01

Quant Time: Feb 28 01:57:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

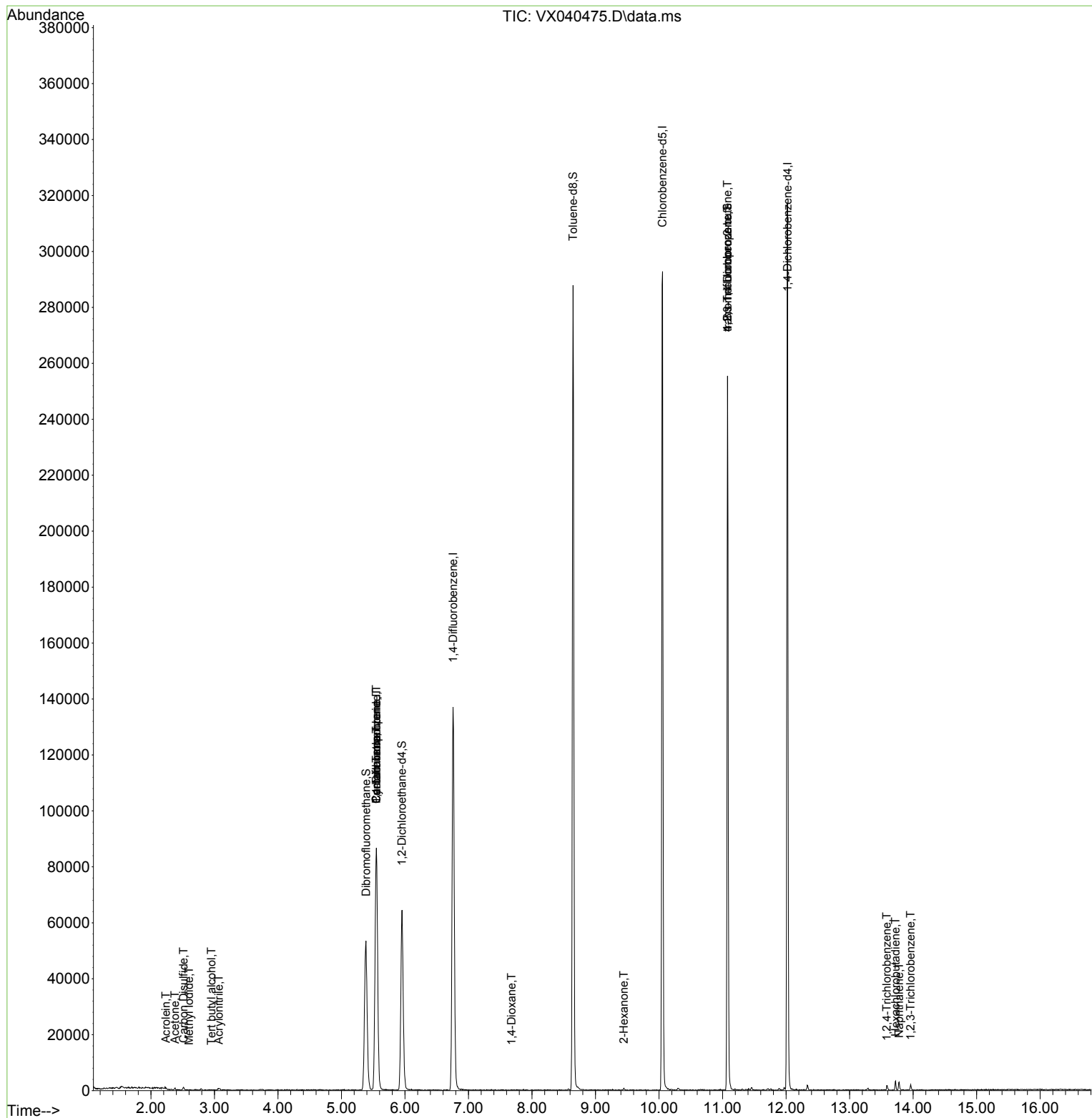
Internal Standards						
1) Pentafluorobenzene	5.549	168	76016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62016	48.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.560%		
35) Dibromofluoromethane	5.385	113	45590	49.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	8.646	98	165026	48.876	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	63426	49.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.560%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.599	142	21	3.028	ug/l #	34
11) Tert butyl alcohol	2.952	59	131	0.613	ug/l #	78
13) Acrolein	2.233	56	195	1.423	ug/l #	40
15) Acrylonitrile	3.068	53	502	0.936	ug/l #	80
16) Acetone	2.379	43	296	0.714	ug/l #	47
17) Carbon Disulfide	2.513	76	1159	0.483	ug/l #	76
31) Cyclohexane	5.549	56	2266	1.573	ug/l #	48
36) 1,1-Dichloropropene	5.549	75	7118	4.967	ug/l #	52
38) Carbon Tetrachloride	5.549	117	8521	6.155	ug/l #	15
49) 1,4-Dioxane	7.677	88	38	1.633	ug/l #	12
59) 2-Hexanone	9.445	43	468	0.374	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	36841	26.598	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36841	77.278	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	605	0.445	ug/l	86
94) Hexachlorobutadiene	13.725	225	404	0.728	ug/l	78
95) Naphthalene	13.780	128	2214	0.510	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	642	0.497	ug/l	78

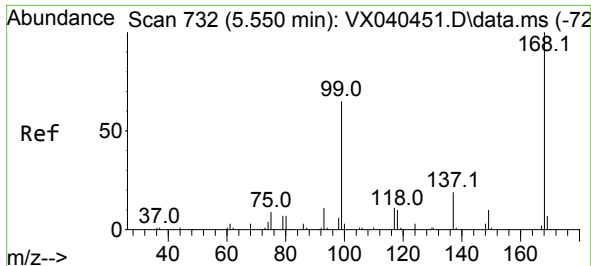
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX040475.D

Acq: 27 Feb 2024 09:35

Instrument :

MSVOA_X

ClientSampleId :

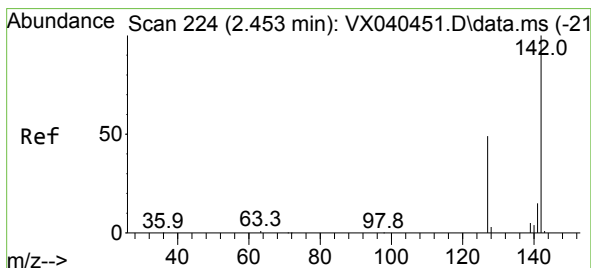
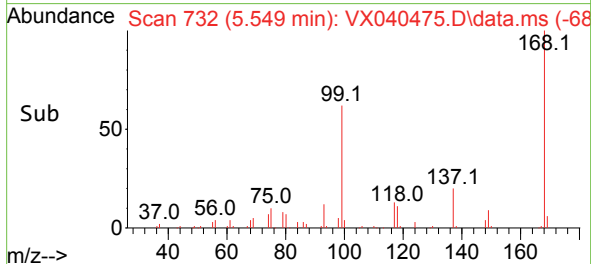
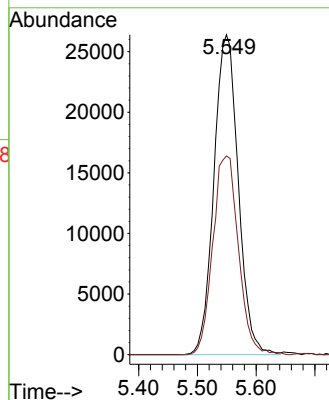
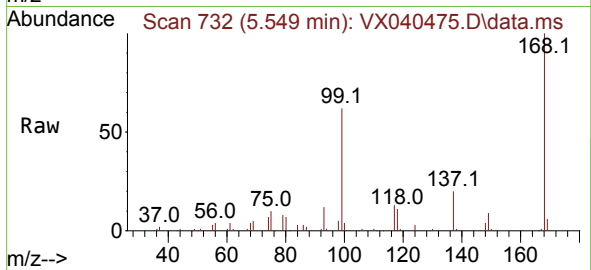
VX0227MBL01

Tgt Ion:168 Resp: 76016

Ion Ratio Lower Upper

168 100

99 62.1 56.6 85.0



#10

Methyl Iodide

Concen: 3.028 ug/l

RT: 2.599 min Scan# 248

Delta R.T. 0.146 min

Lab File: VX040475.D

Acq: 27 Feb 2024 09:35

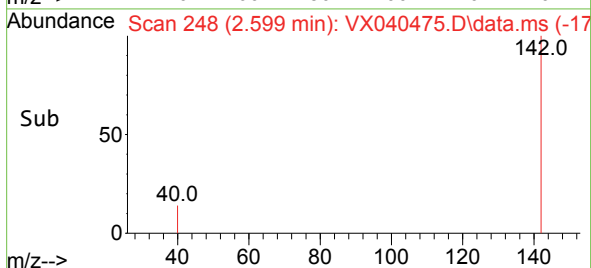
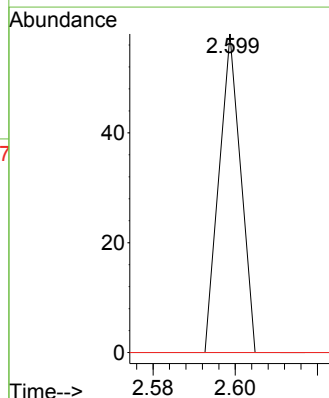
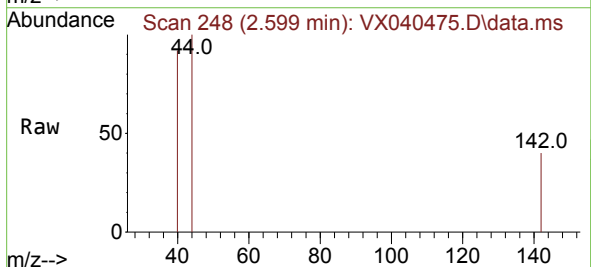
Tgt Ion:142 Resp: 21

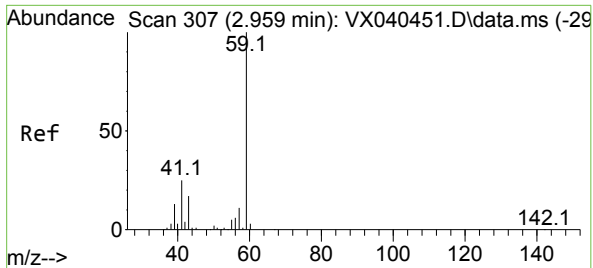
Ion Ratio Lower Upper

142 100

127 0.0 41.6 62.4#

141 0.0 11.6 17.4#

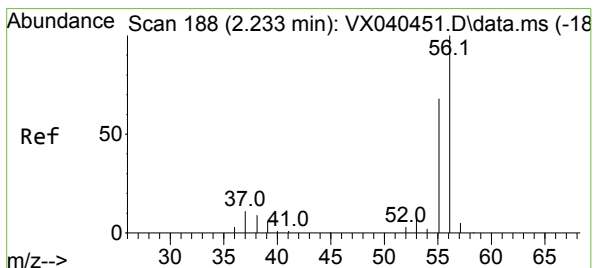
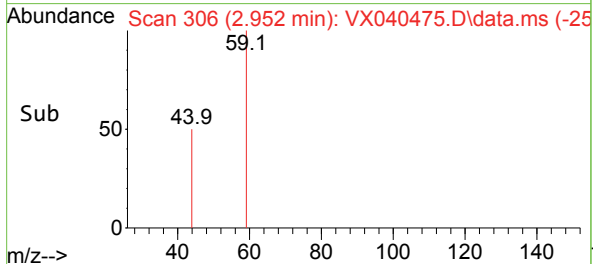
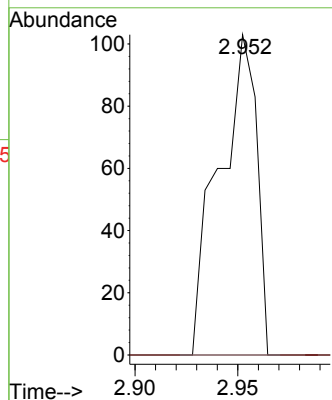
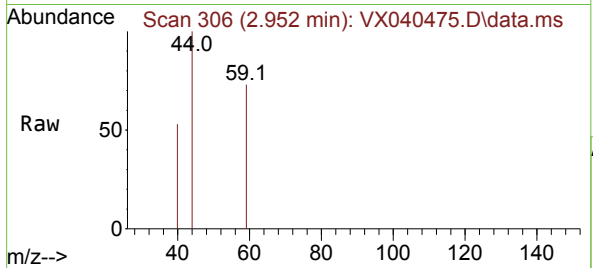




#11
Tert butyl alcohol
Concen: 0.613 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.007 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

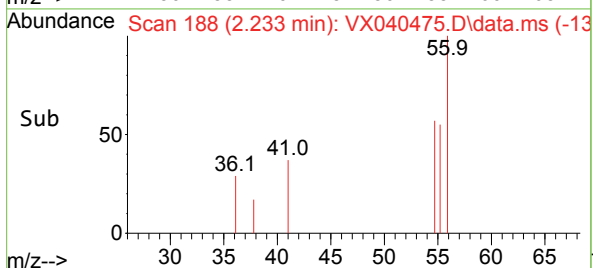
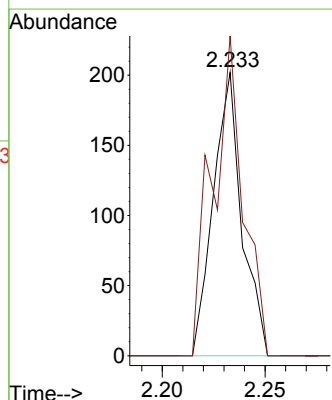
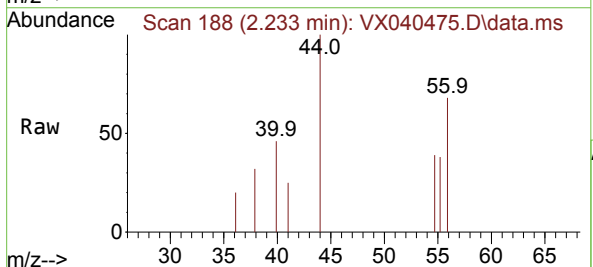
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

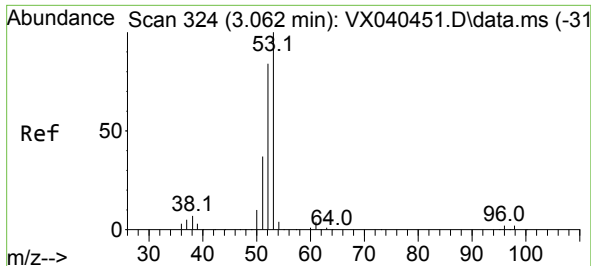
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 1.423 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 121.5 57.1 85.7#

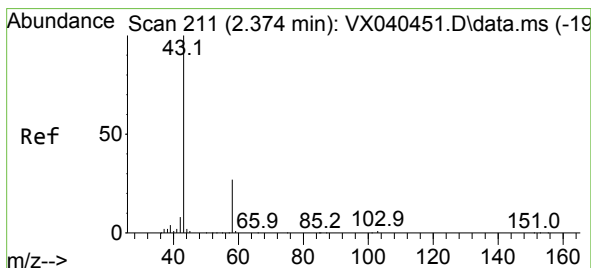
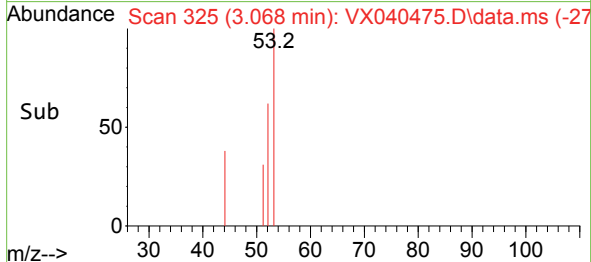
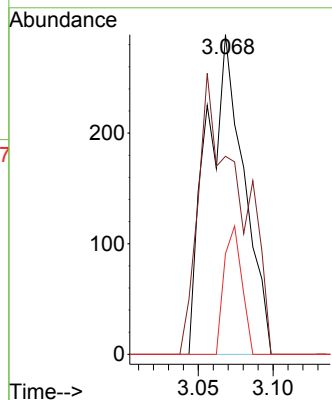
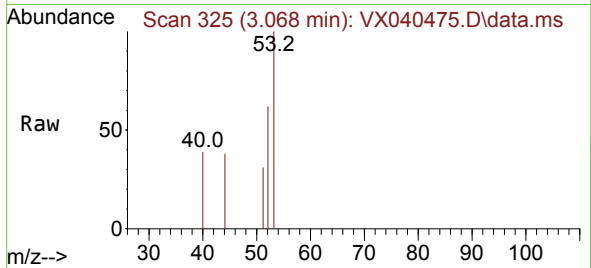




#15
Acrylonitrile
Concen: 0.936 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

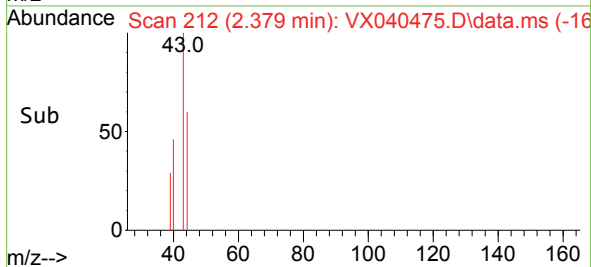
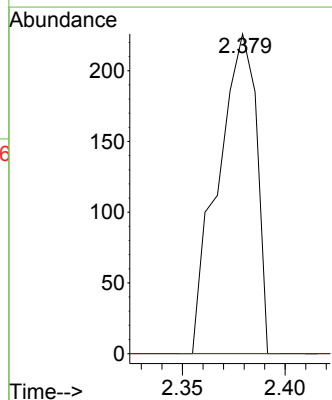
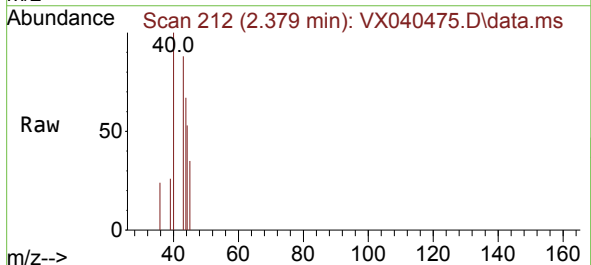
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

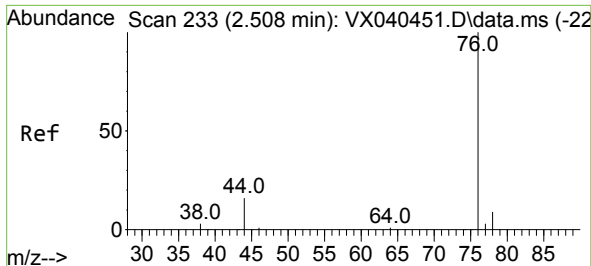
Tgt Ion: 53 Resp: 502
Ion Ratio Lower Upper
53 100
52 96.4 66.0 99.0
51 19.1 29.8 44.6#



#16
Acetone
Concen: 0.714 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

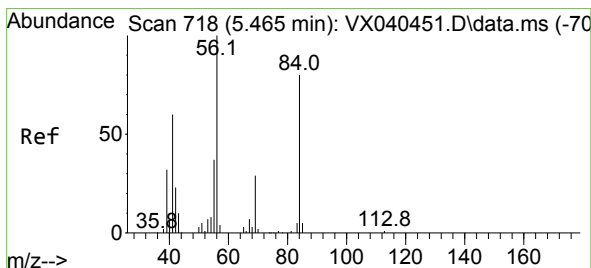
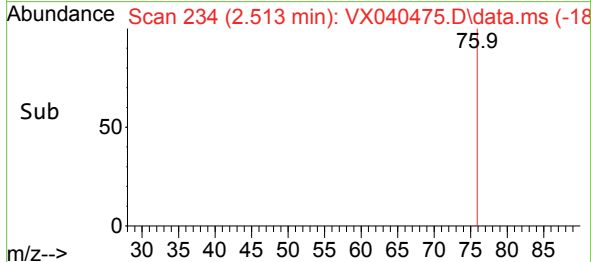
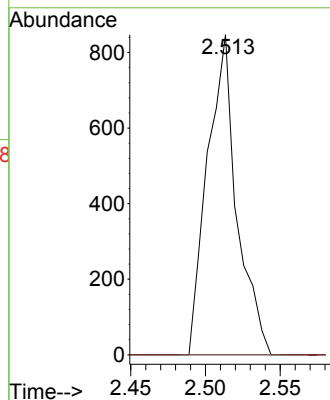
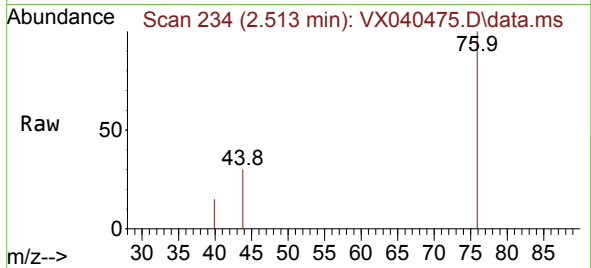




#17
Carbon Disulfide
Concen: 0.483 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

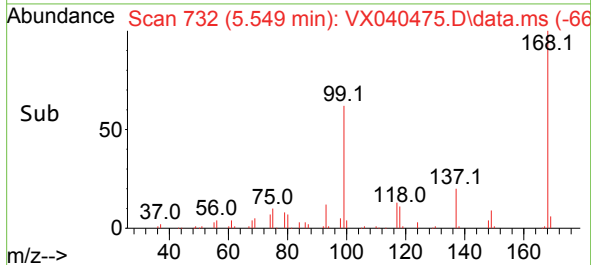
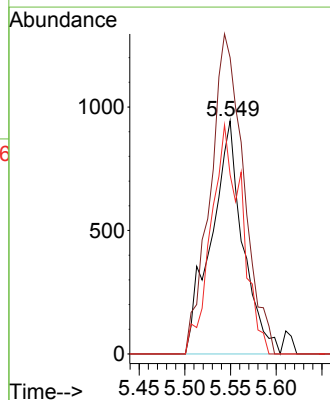
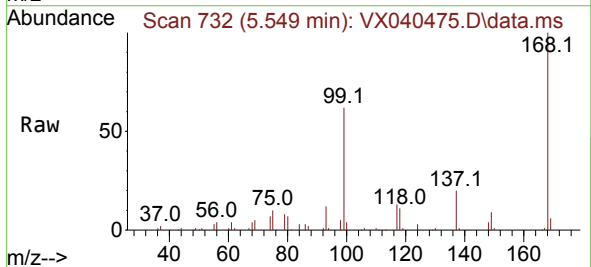
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

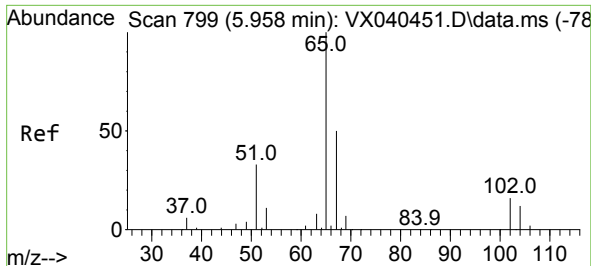
Tgt Ion: 76 Resp: 1159
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.573 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 56 Resp: 2266
Ion Ratio Lower Upper
56 100
69 127.1 23.4 35.2#
84 76.9 65.9 98.9

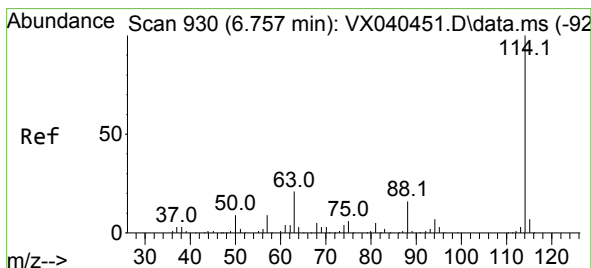
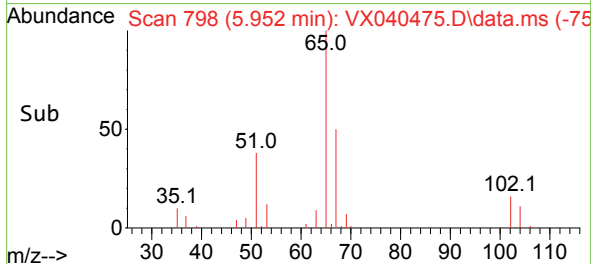
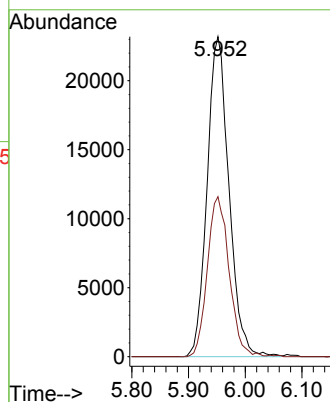
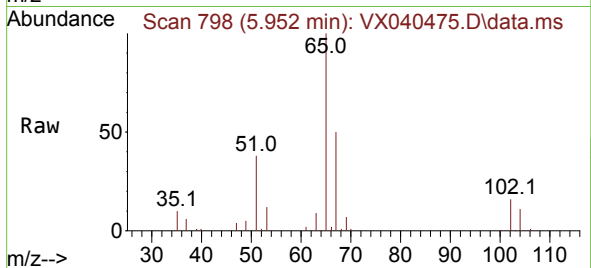




#33
1,2-Dichloroethane-d4
Concen: 48.777 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.007 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

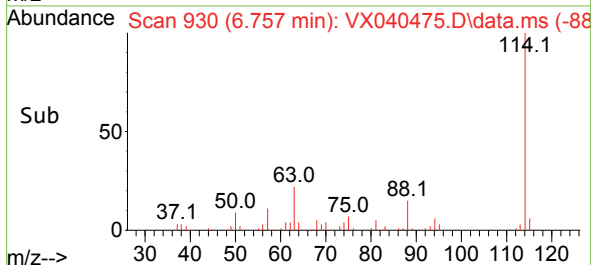
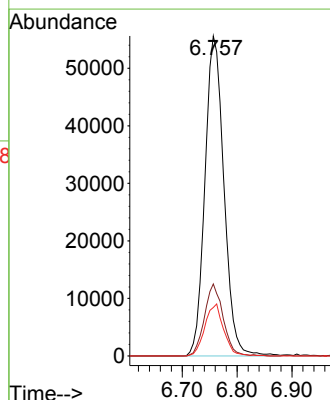
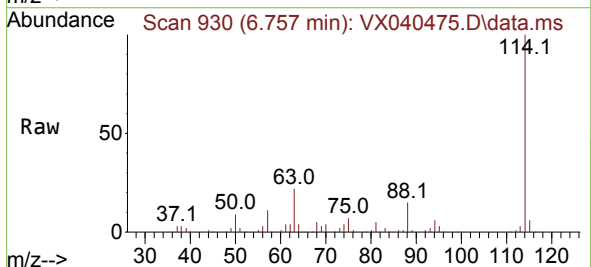
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

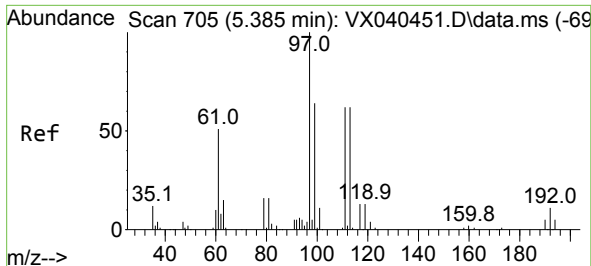
Tgt Ion: 65 Resp: 62016
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 114 Resp: 133762
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 15.2 0.0 36.6

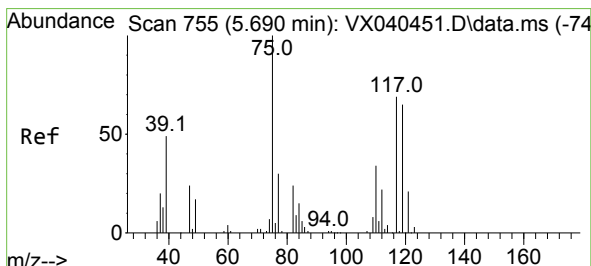
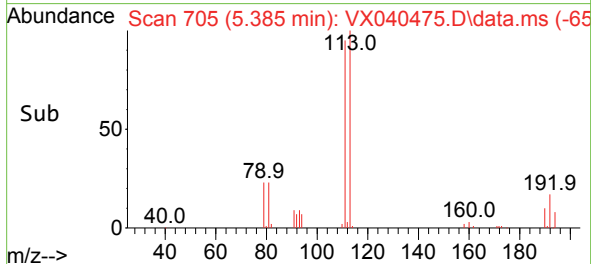
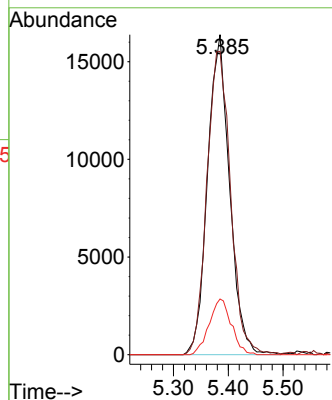
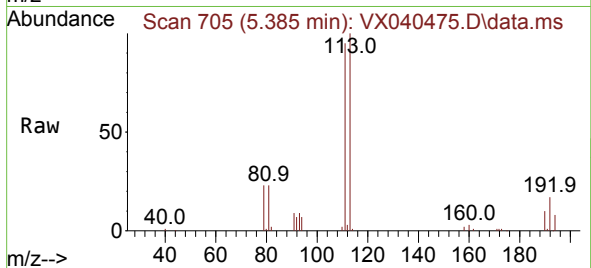




#35
Dibromofluoromethane
Concen: 49.012 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

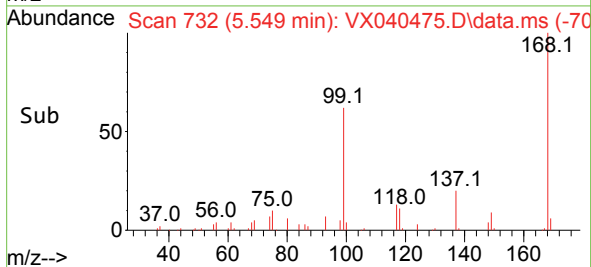
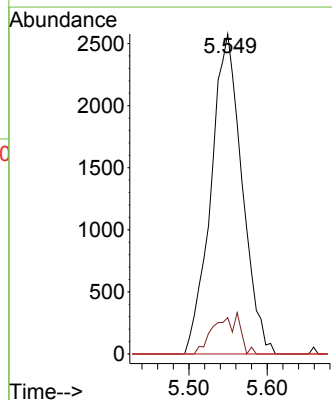
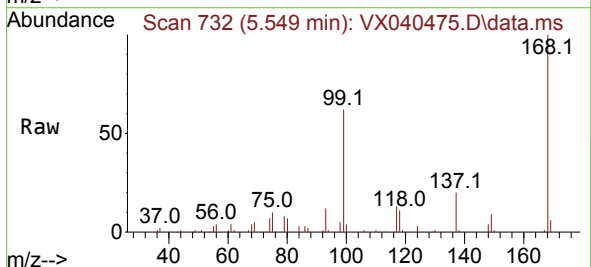
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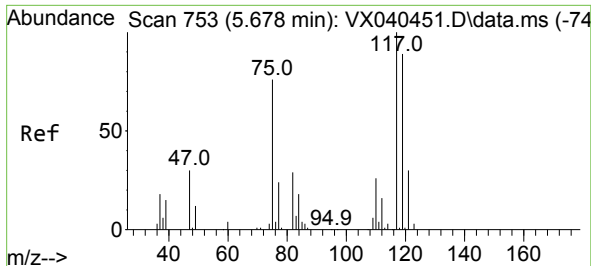
Tgt Ion:113 Resp: 45590
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

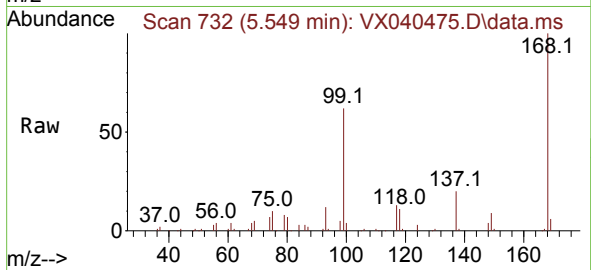
Tgt Ion: 75 Resp: 7118
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



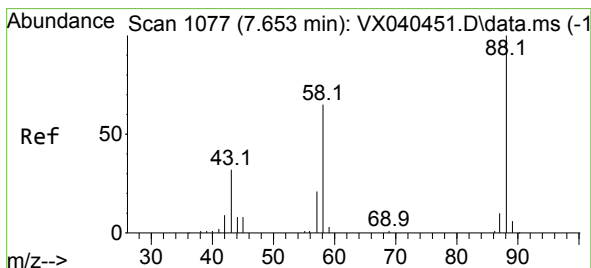
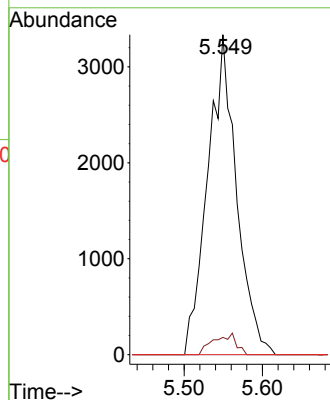
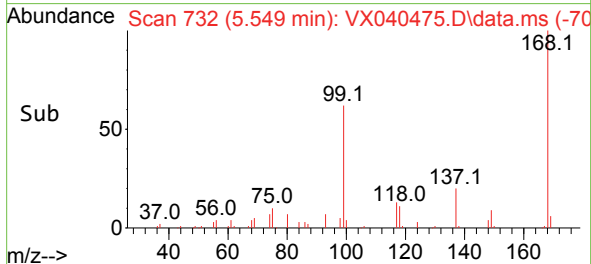


#38
Carbon Tetrachloride
Concen: 6.155 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

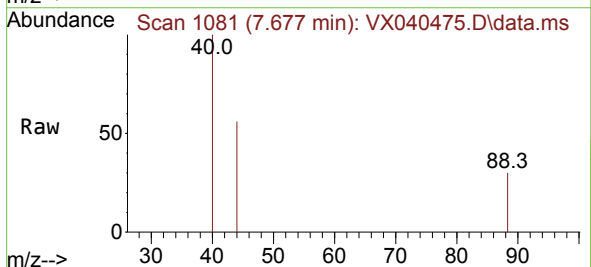
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01



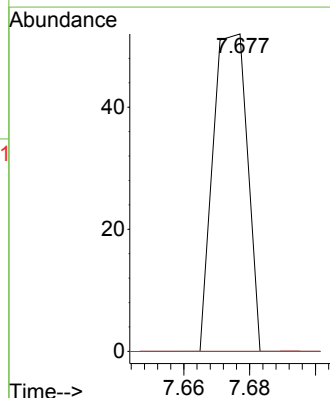
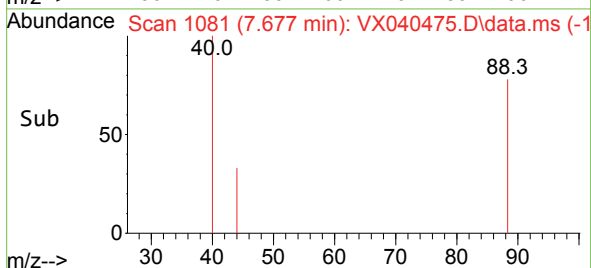
Tgt Ion:117 Resp: 8521
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

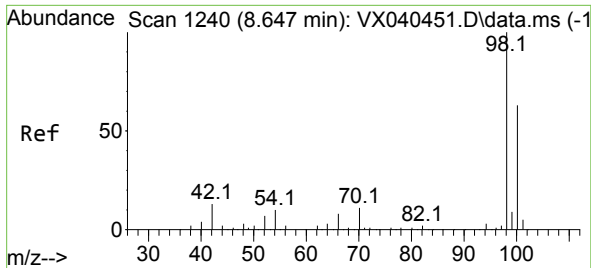


#49
1,4-Dioxane
Concen: 1.633 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35



Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

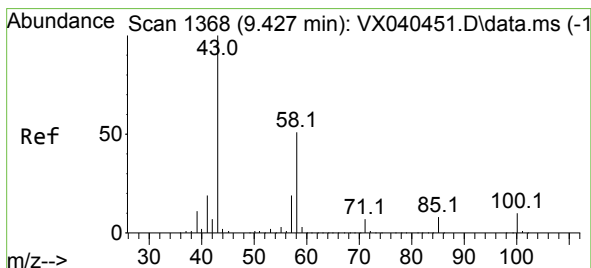
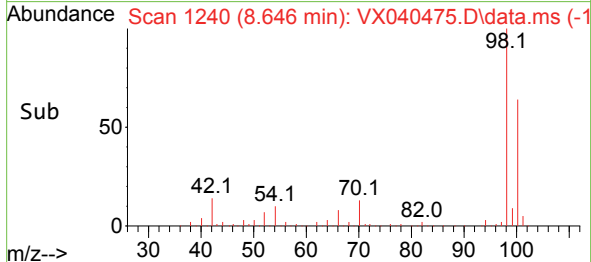
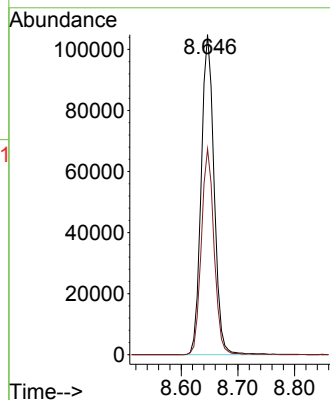
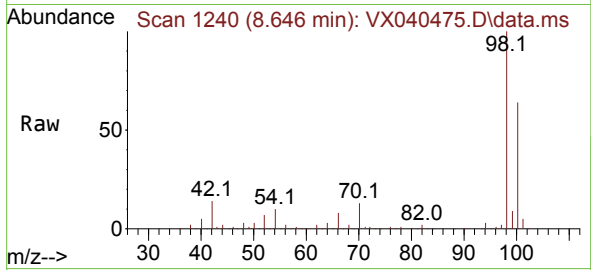




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

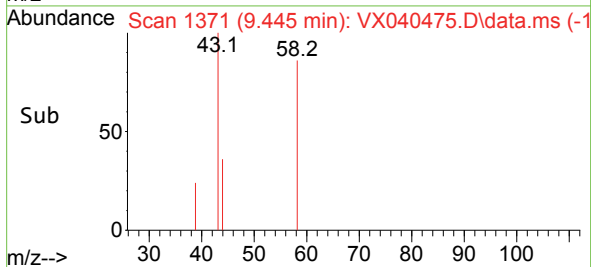
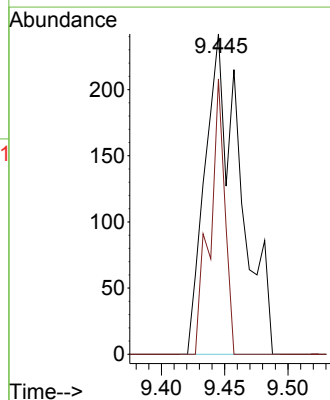
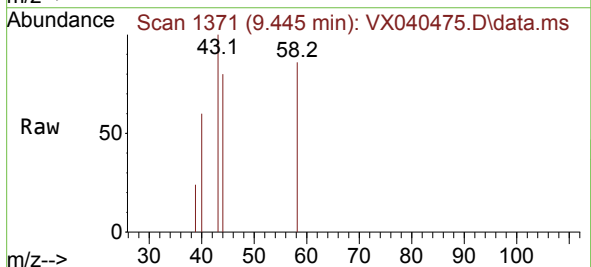
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

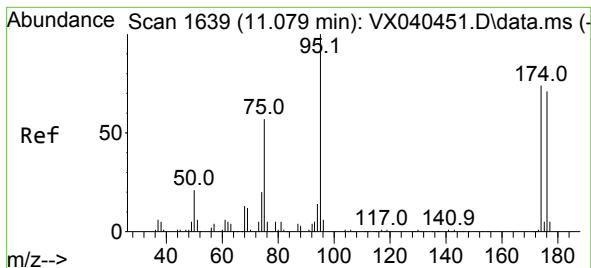
Tgt Ion: 98 Resp: 165026
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#59
2-Hexanone
Concen: 0.374 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 36.5 26.2 78.5

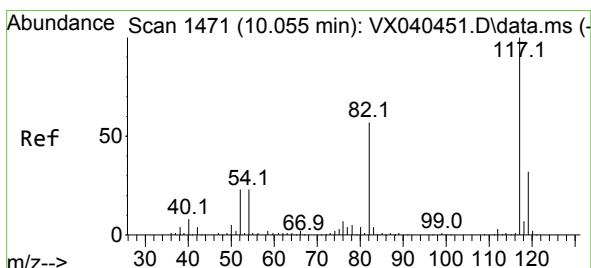
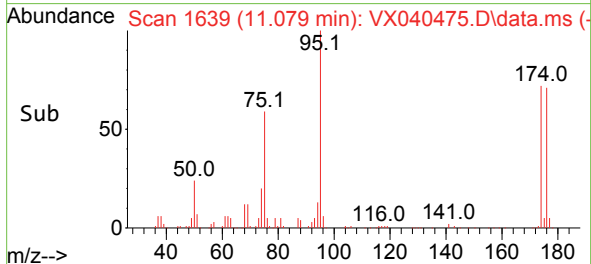
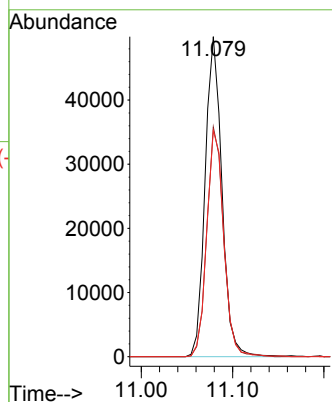
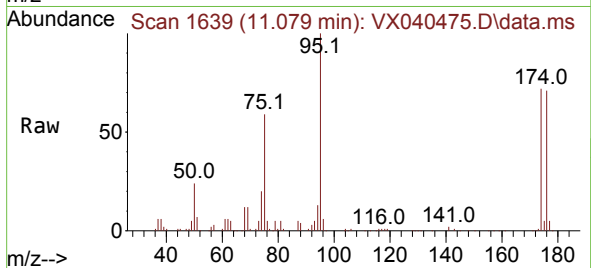




#62
4-Bromofluorobenzene
Concen: 49.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

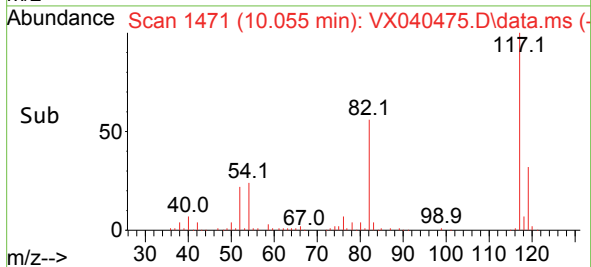
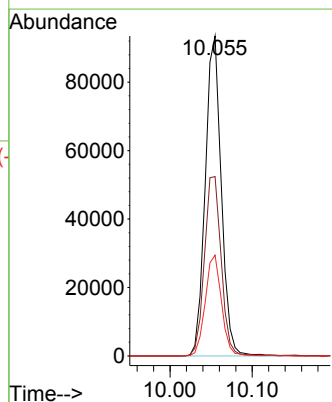
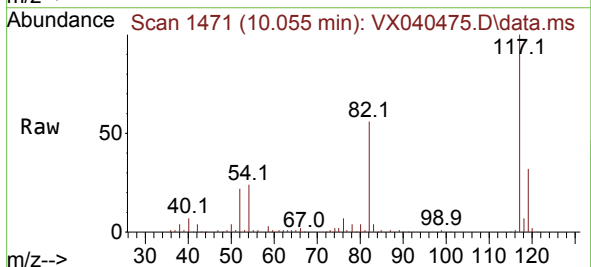
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

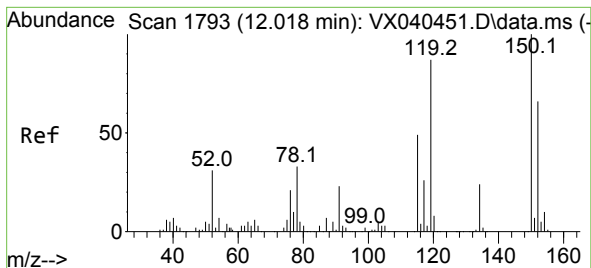
Tgt Ion: 95 Resp: 63426
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion: 117 Resp: 126759
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040475.D

Acq: 27 Feb 2024 09:35

Instrument :

MSVOA_X

ClientSampleId :

VX0227MBL01

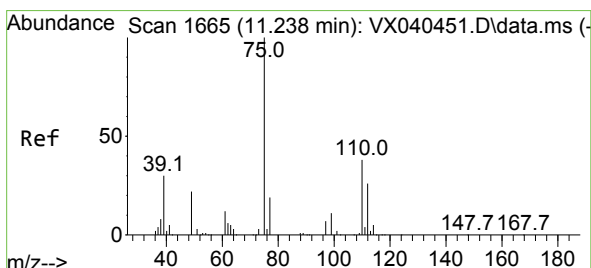
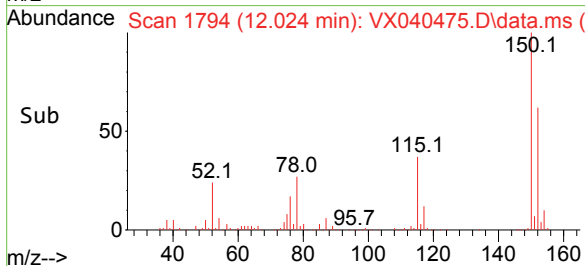
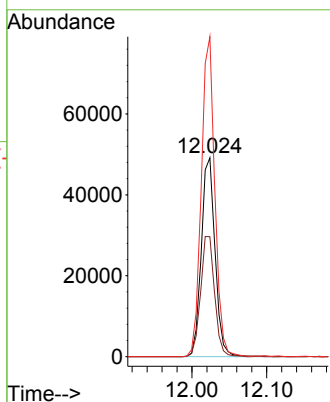
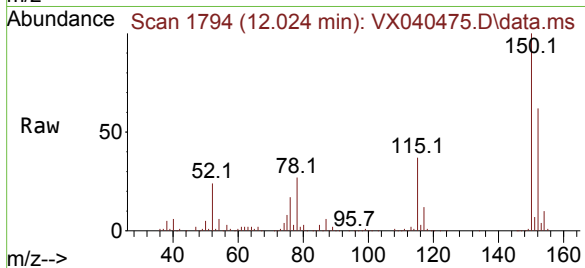
Tgt Ion:152 Resp: 62935

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.598 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040475.D

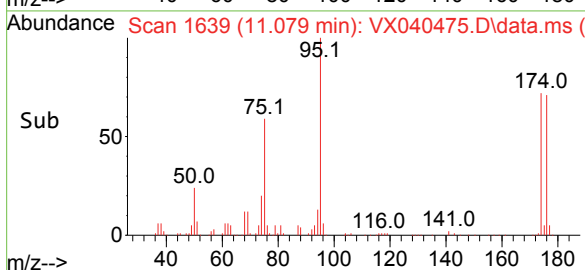
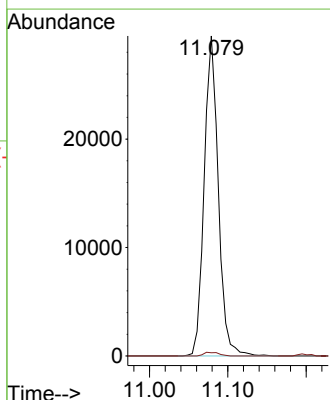
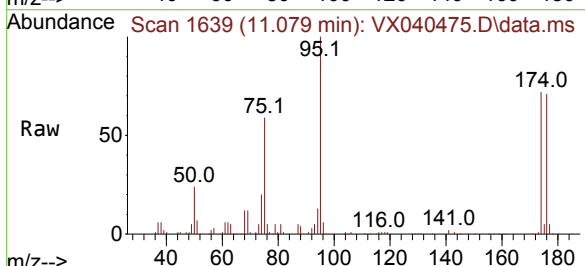
Acq: 27 Feb 2024 09:35

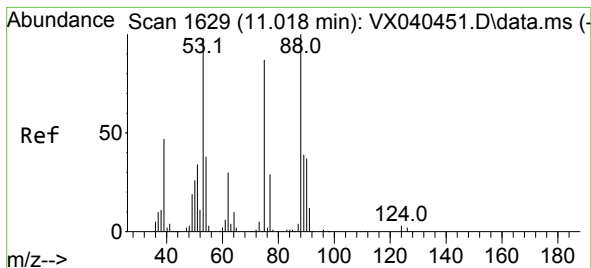
Tgt Ion: 75 Resp: 36841

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

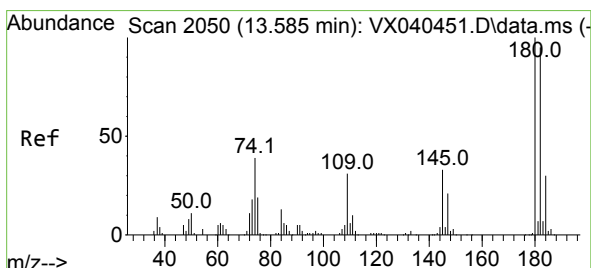
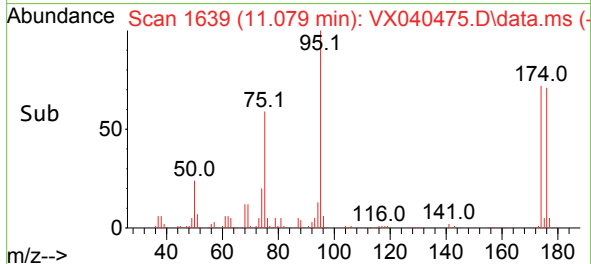
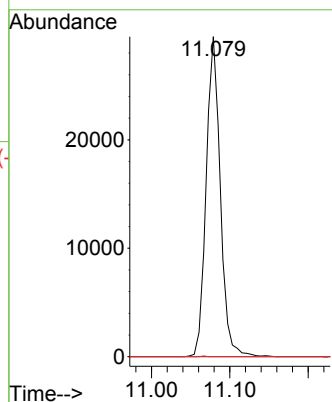
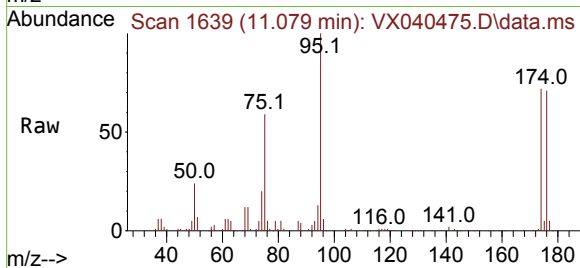




#81
trans-1,4-Dichloro-2-butene
Concen: 77.278 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

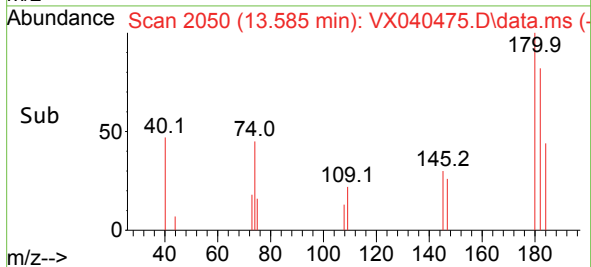
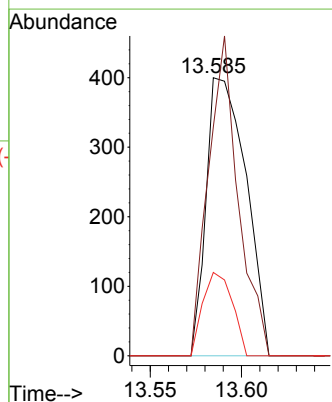
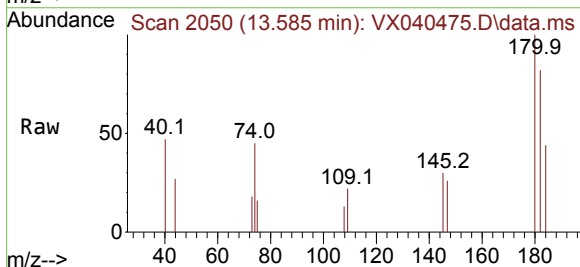
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

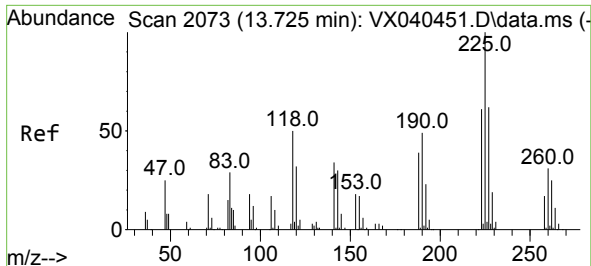
Tgt Ion: 75 Resp: 36841
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.445 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

Tgt Ion:180 Resp: 605
Ion Ratio Lower Upper
180 100
182 86.4 48.3 144.8
145 22.3 18.0 54.0

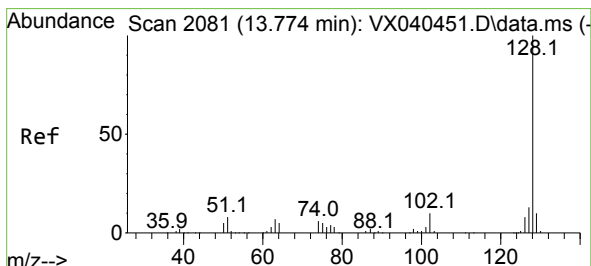
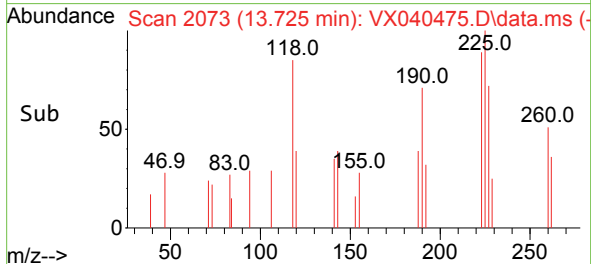
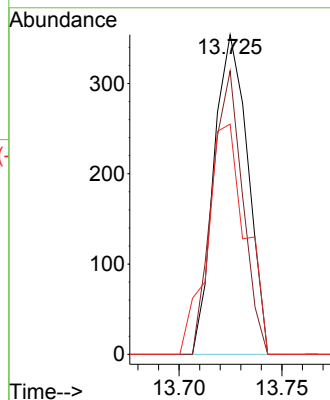
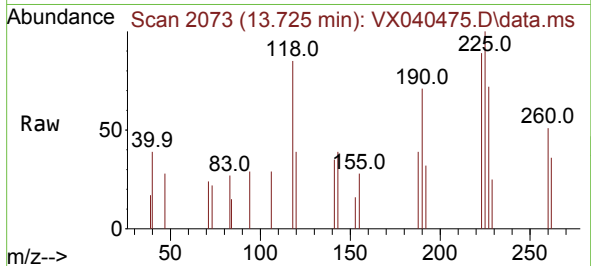




#94
Hexachlorobutadiene
Concen: 0.728 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

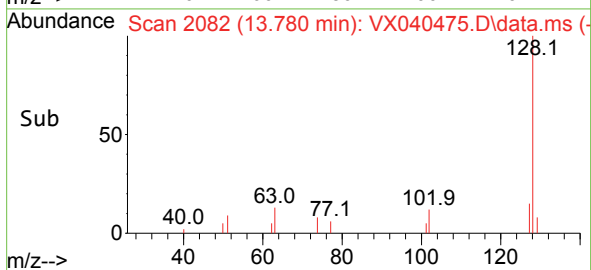
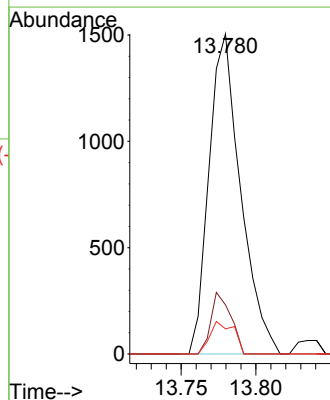
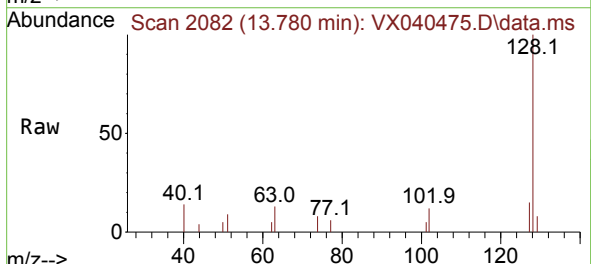
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

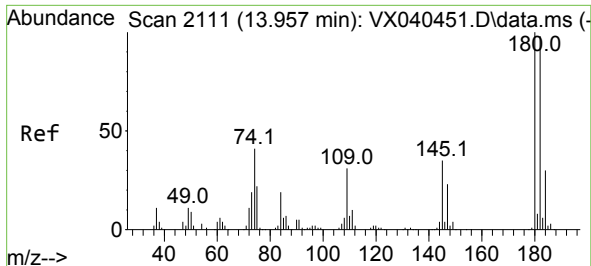
Tgt Ion:225 Resp: 404
Ion Ratio Lower Upper
225 100
223 80.0 31.1 93.2
227 81.7 32.5 97.5



#95
Naphthalene
Concen: 0.510 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040475.D
Acq: 27 Feb 2024 09:35

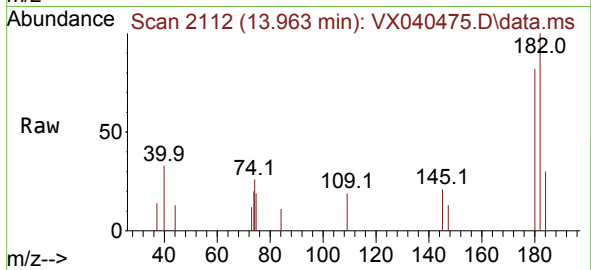
Tgt Ion:128 Resp: 2214
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 7.6 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.497 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040475.D
 Acq: 27 Feb 2024 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBL01



Tgt Ion:	180	Resp:	642
Ion	Ratio	Lower	Upper
180	100		
182	74.6	46.9	140.6
145	18.5	17.8	53.5

