

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039196.D
 Acq On : 14 Dec 2023 10:09
 Operator : JC/MD
 Sample : VX1214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 02:55:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

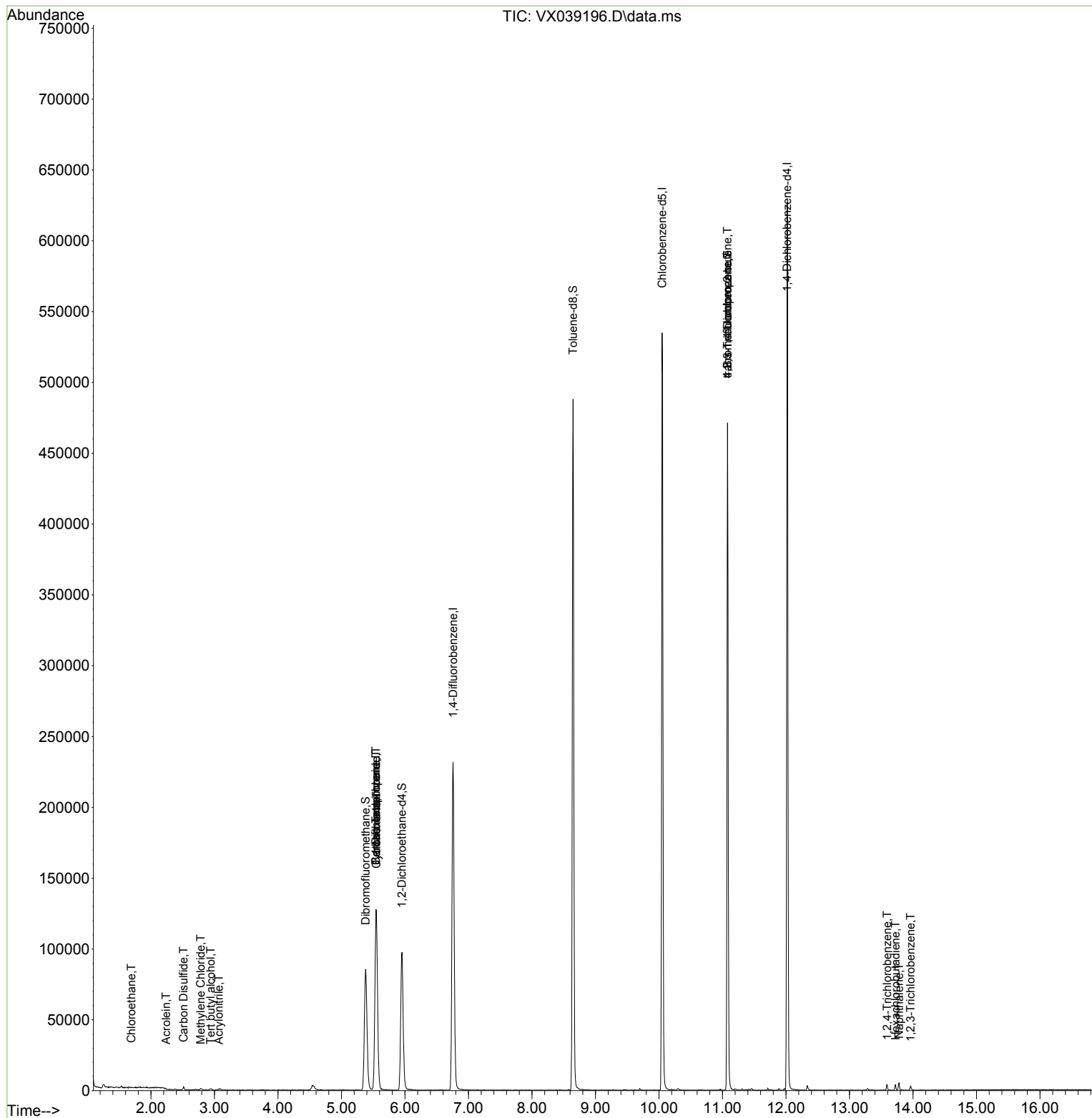
Internal Standards						
1) Pentafluorobenzene	5.544	168	110052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	229477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96021	47.628	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.379	113	74289	47.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	8.647	98	283190	48.901	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.800%		
62) 4-Bromofluorobenzene	11.079	95	130111	54.454	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.900%		
Target Compounds						Qvalue
6) Chloroethane	1.691	64	195	0.203	ug/l #	43
11) Tert butyl alcohol	2.941	59	738	1.458	ug/l #	78
13) Acrolein	2.240	56	205	0.508	ug/l #	47
15) Acrylonitrile	3.069	53	621	0.613	ug/l	92
16) Acetone	2.374	43	639	Below Cal		96
17) Carbon Disulfide	2.514	76	1895	0.458	ug/l #	94
20) Methylene Chloride	2.782	84	564	0.336	ug/l #	72
31) Cyclohexane	5.550	56	3174	1.219	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	10809	4.391	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12550	5.343	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	71409	24.190	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71409	68.239	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1149	0.480	ug/l	91
94) Hexachlorobutadiene	13.725	225	597	0.661	ug/l	87
95) Naphthalene	13.780	128	3761	0.451	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	739	0.319	ug/l	96

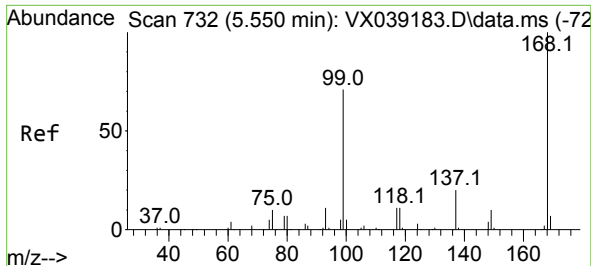
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039196.D
Acq On : 14 Dec 2023 10:09
Operator : JC/MD
Sample : VX1214MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

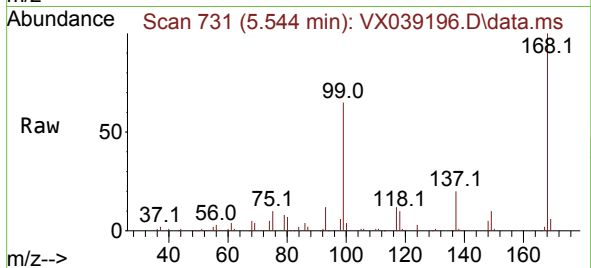
Quant Time: Dec 15 02:55:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



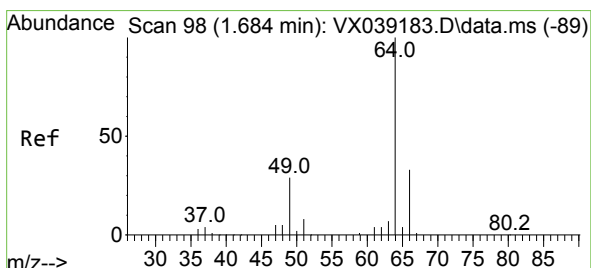
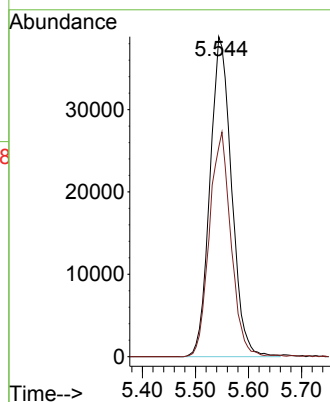
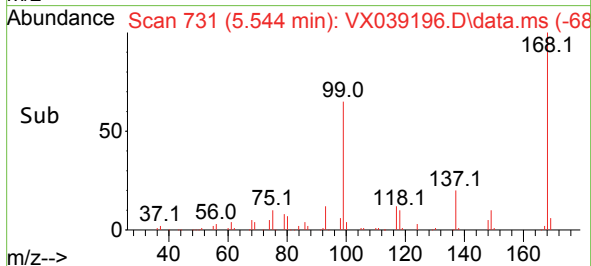


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :

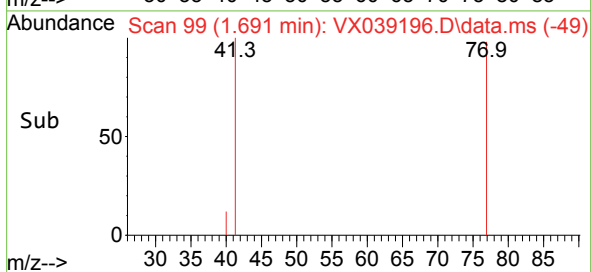
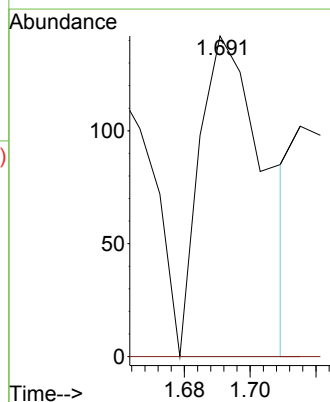
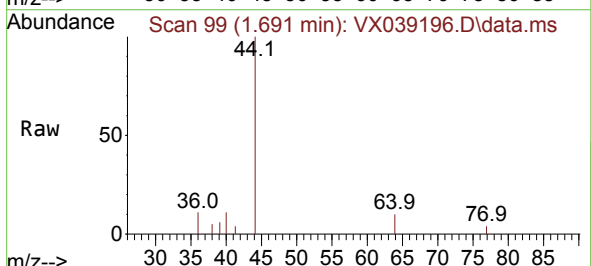


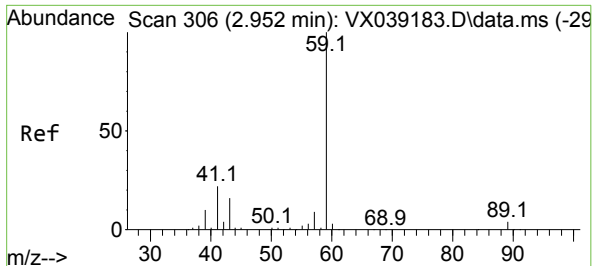
Tgt Ion:168 Resp: 110052
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.007 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

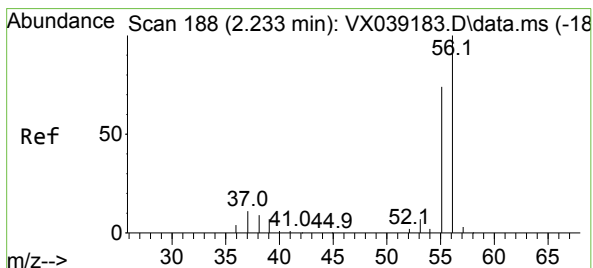
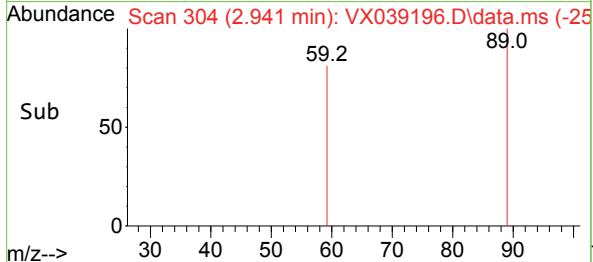
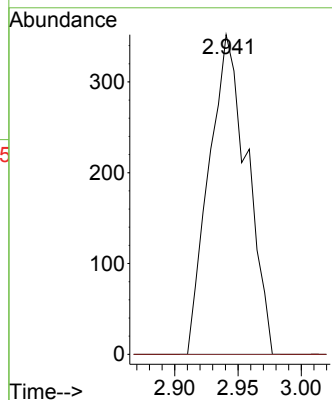
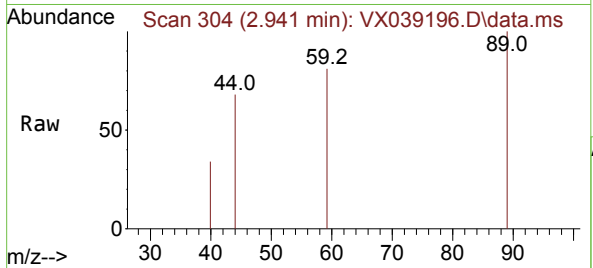




#11
Tert butyl alcohol
Concen: 1.458 ug/l
RT: 2.941 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

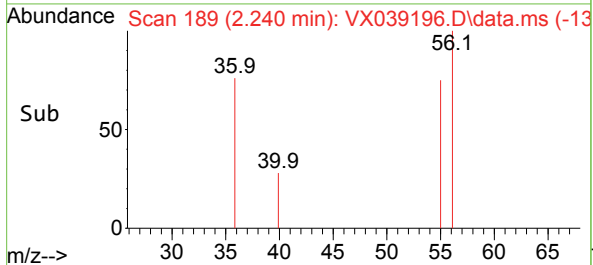
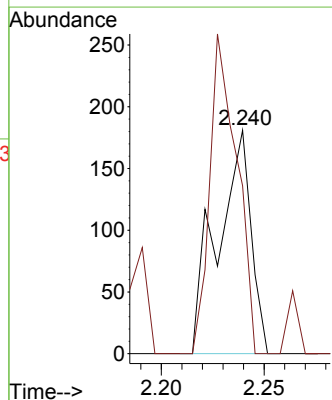
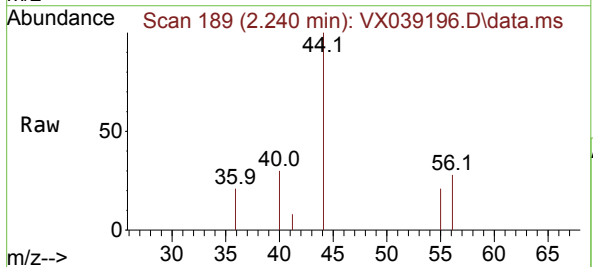
Instrument :
MSVOA_X
ClientSampleId :

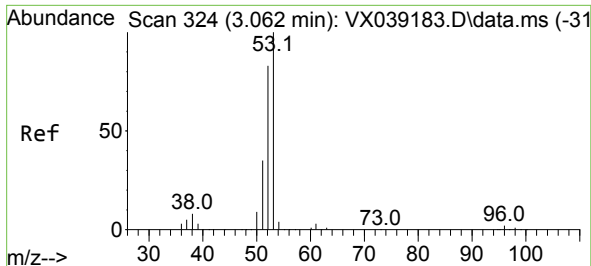
Tgt Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.508 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

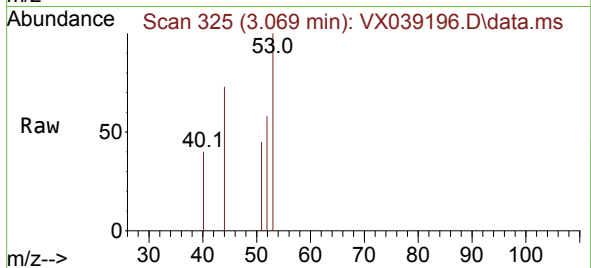
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 115.6 57.1 85.7#



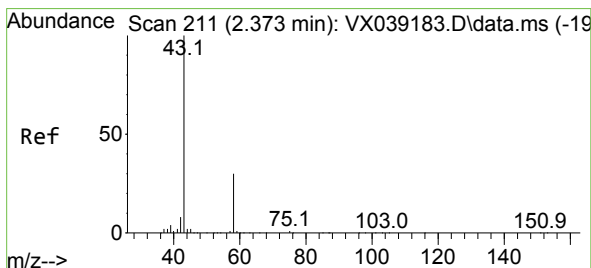
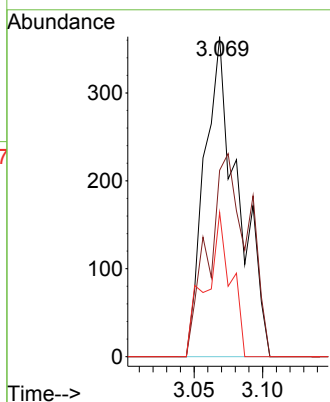


#15
Acrylonitrile
Concen: 0.613 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :

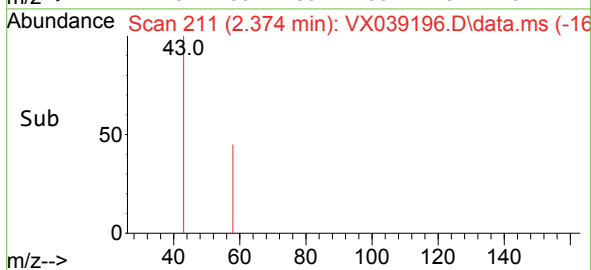
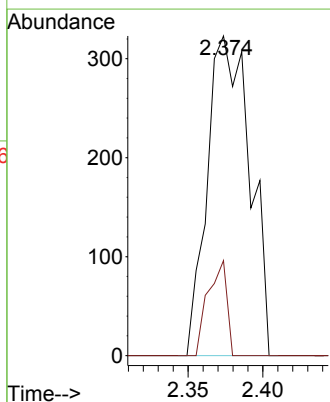
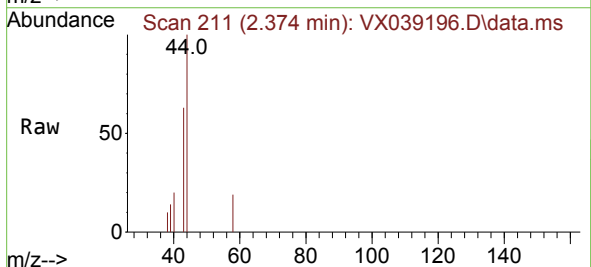


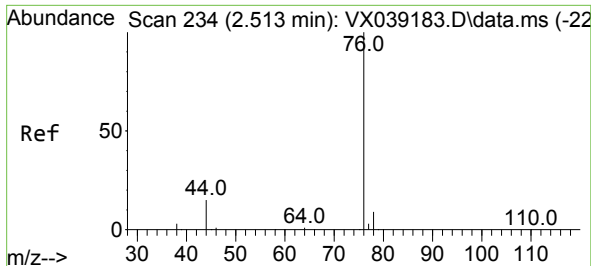
Tgt Ion: 53 Resp: 621
Ion Ratio Lower Upper
53 100
52 74.7 66.0 99.0
51 33.5 29.8 44.6



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9

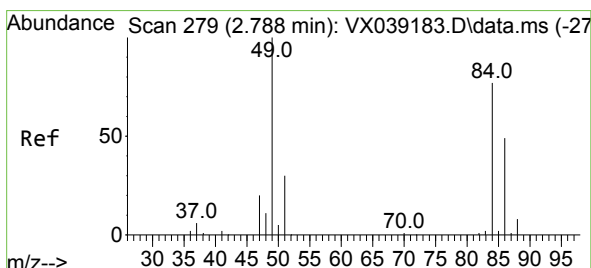
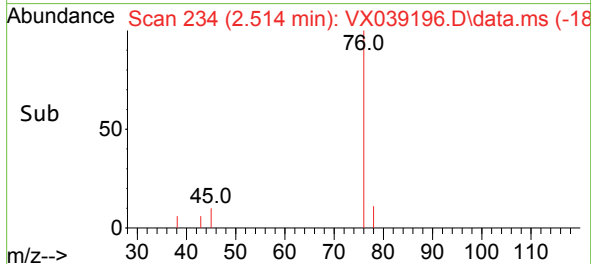
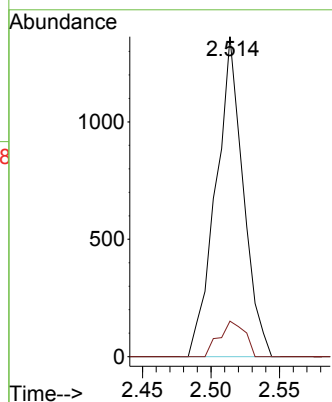
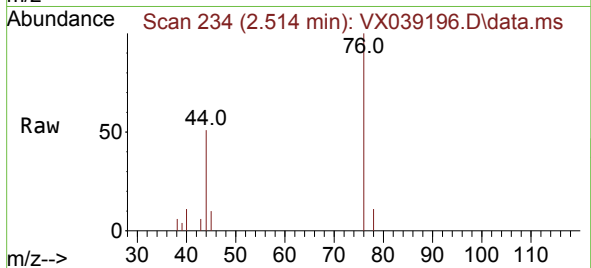




#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

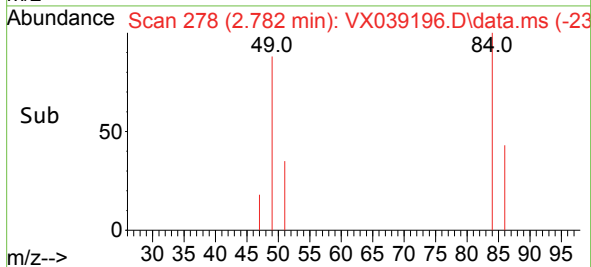
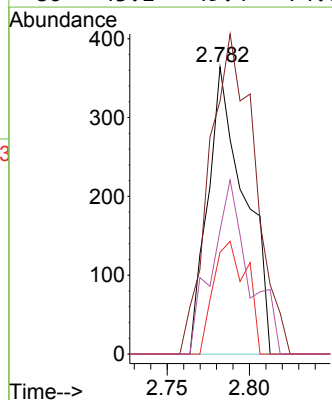
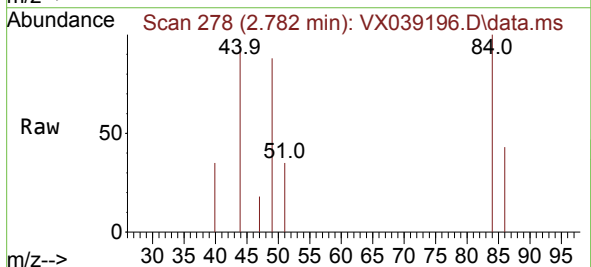
Instrument :
MSVOA_X
ClientSampleId :

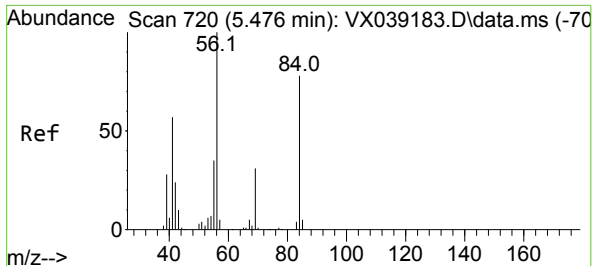
Tgt Ion: 76 Resp: 1895
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.6#



#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

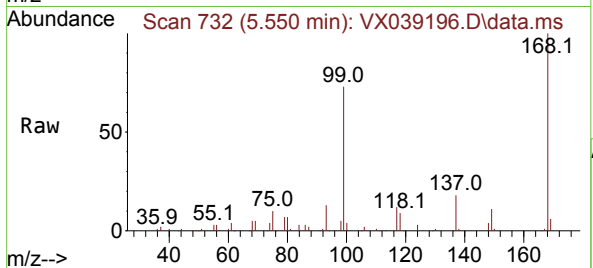
Tgt Ion: 84 Resp: 564
Ion Ratio Lower Upper
84 100
49 88.2 103.6 155.4#
51 35.4 33.8 50.6
86 43.1 49.4 74.0#



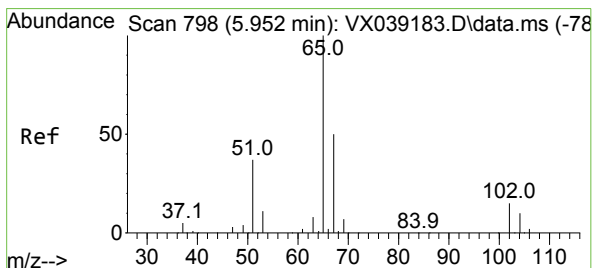
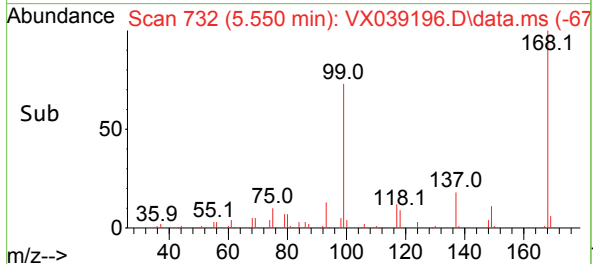
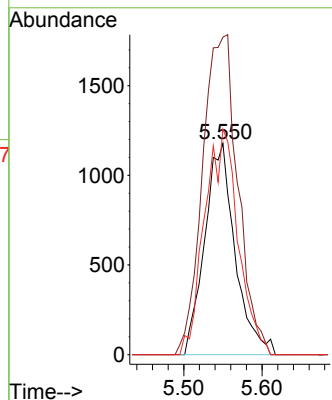


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :

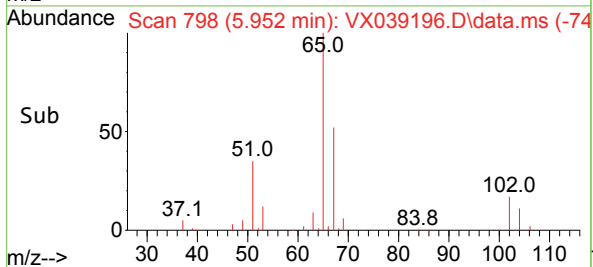
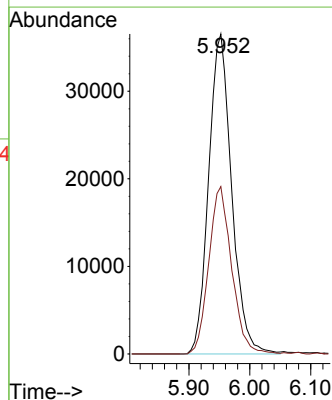
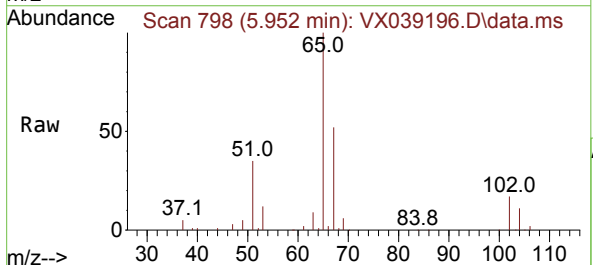


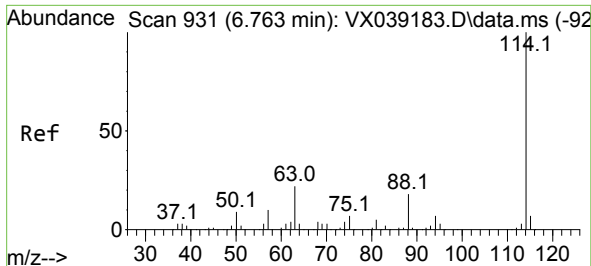
Tgt Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 150.4 23.4 35.2#
84 106.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.628 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 65 Resp: 96021
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

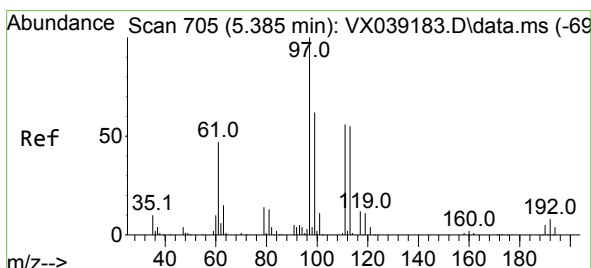
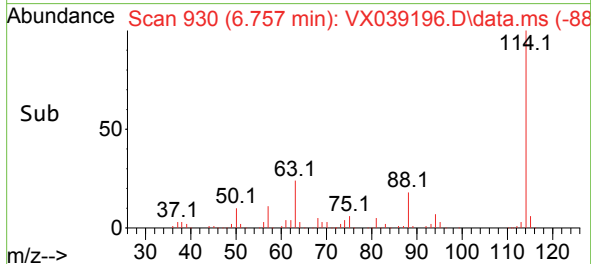
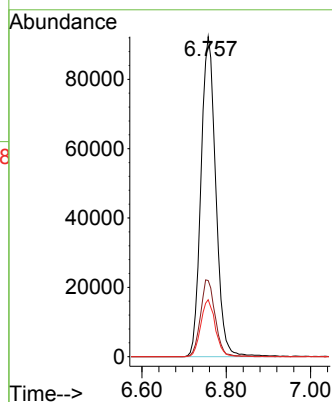
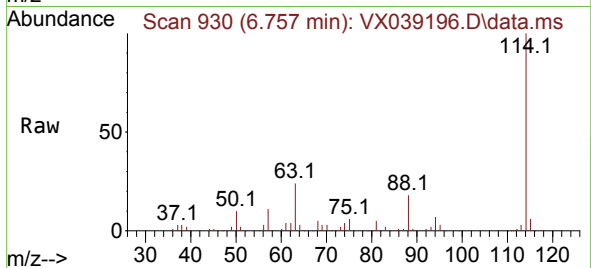




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

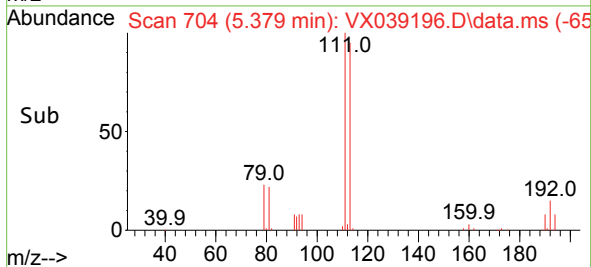
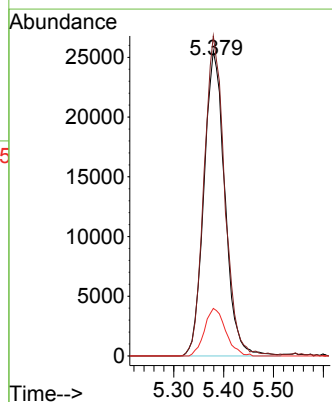
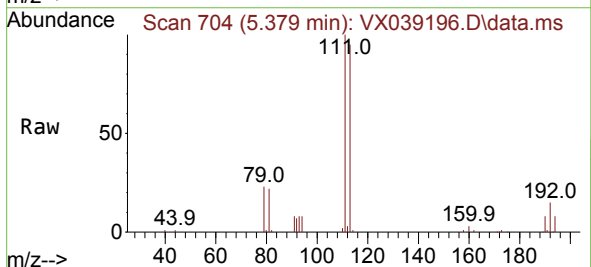
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MSVOA_X
ClientSampleId :

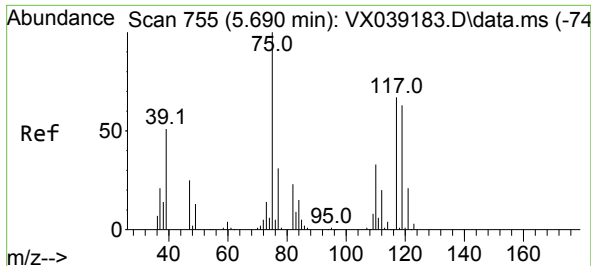
Tgt Ion:114 Resp: 225791
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.625 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

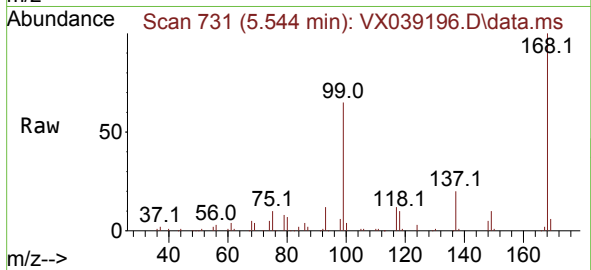
Tgt Ion:113 Resp: 74289
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.8 13.3 19.9



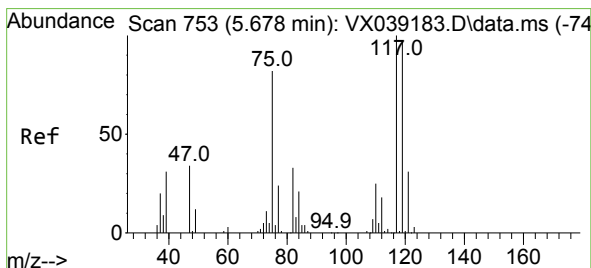
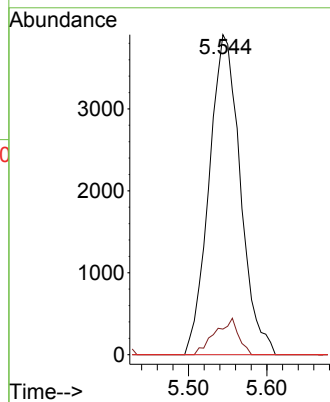
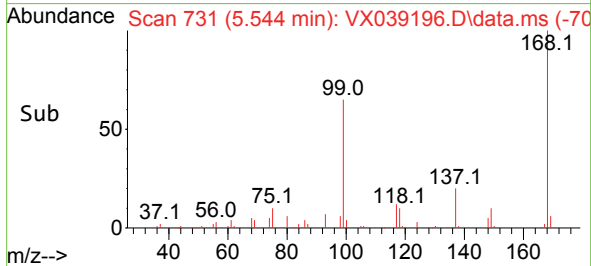


#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :

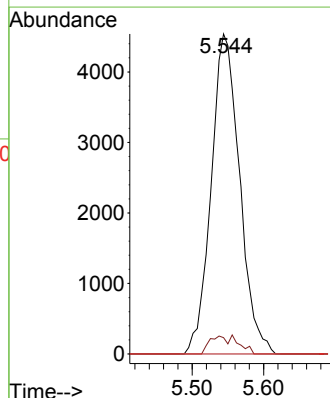
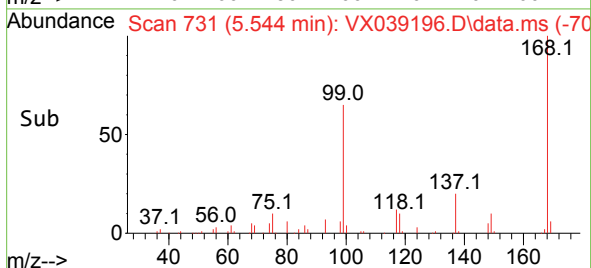
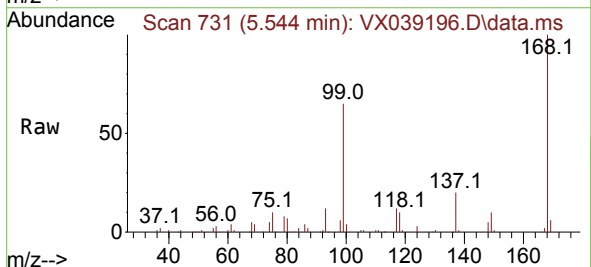


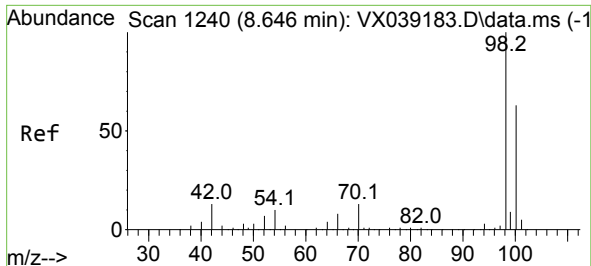
Tgt Ion: 75 Resp: 10809
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 117 Resp: 12550
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

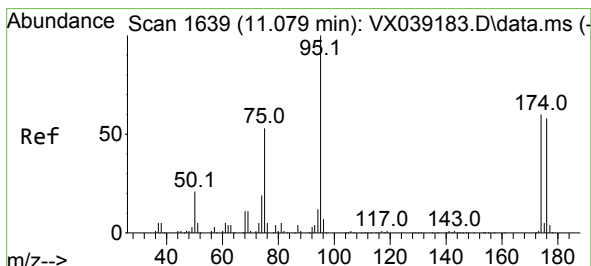
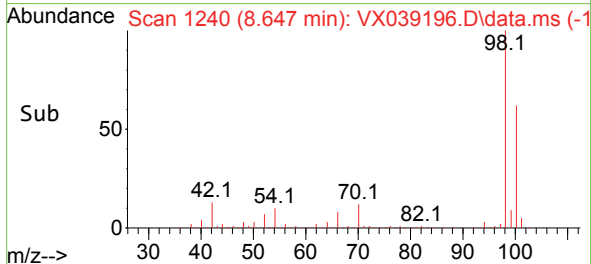
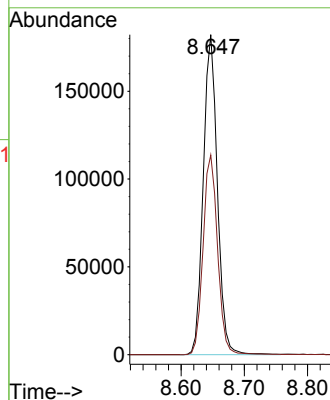
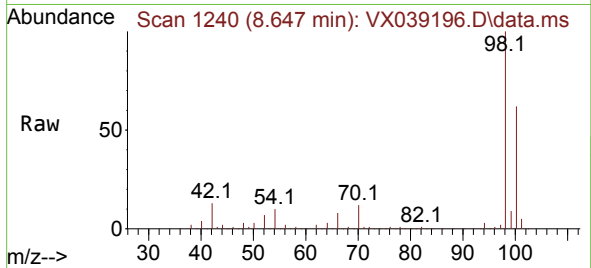




#50
Toluene-d8
Concen: 48.901 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

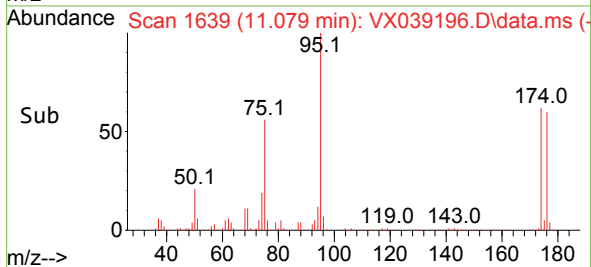
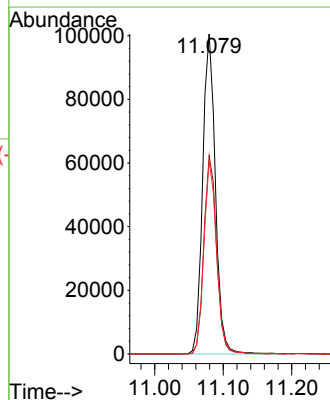
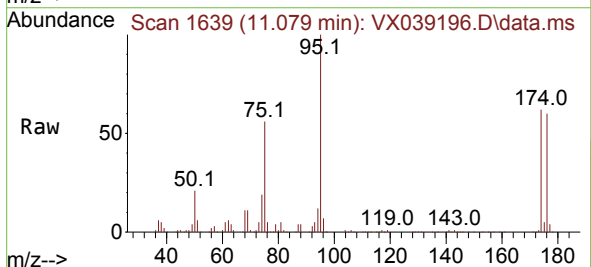
Instrument :
MSVOA_X
ClientSampleId :

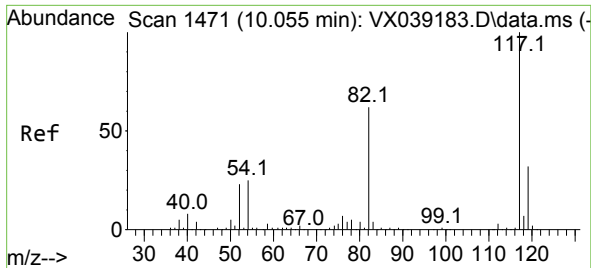
Tgt Ion: 98 Resp: 283190
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion: 95 Resp: 130111
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 60.3 0.0 131.0

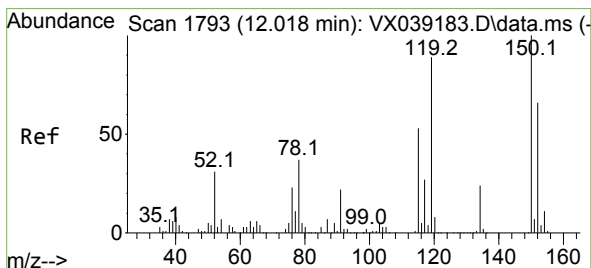
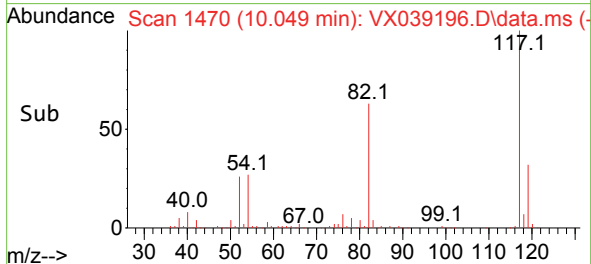
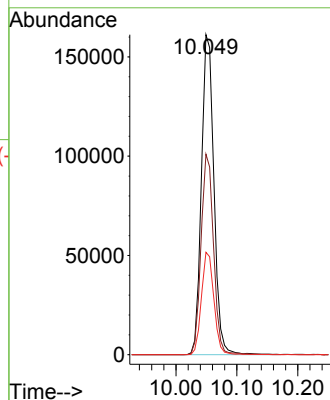
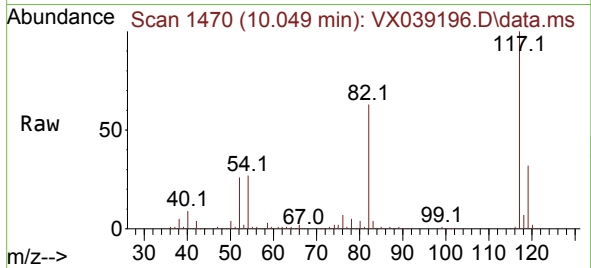




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

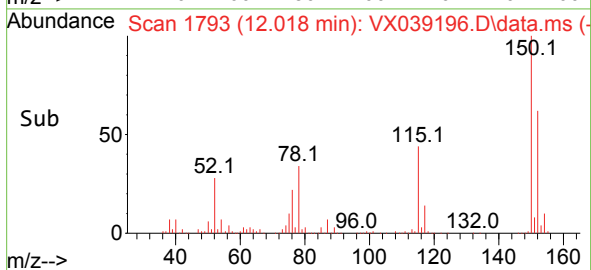
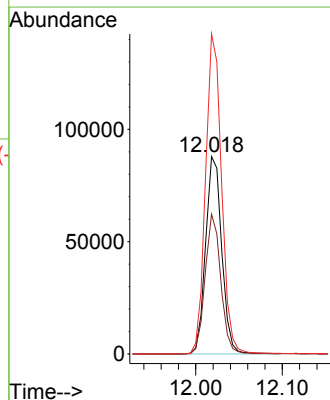
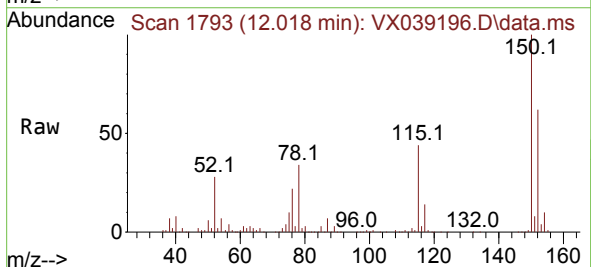
Instrument :
MSVOA_X
ClientSampleId :

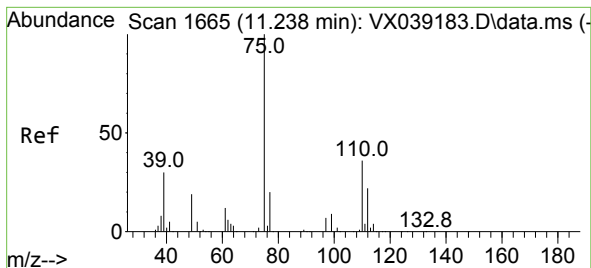
Tgt Ion:117 Resp: 229477
Ion Ratio Lower Upper
117 100
82 62.7 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039196.D
Acq: 14 Dec 2023 10:09

Tgt Ion:152 Resp: 114103
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 160.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

Instrument :

MSVOA_X

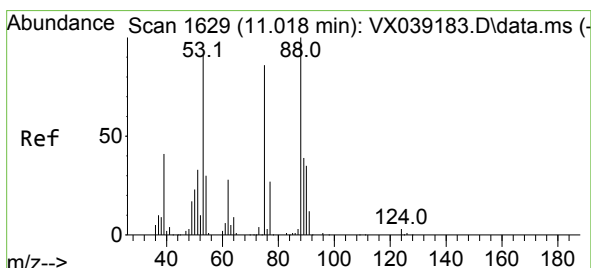
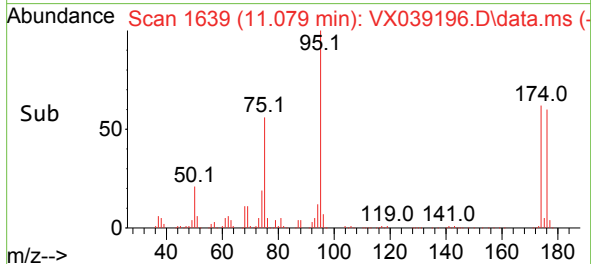
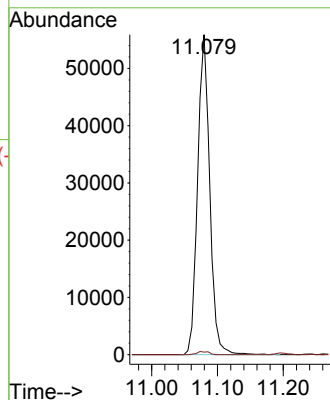
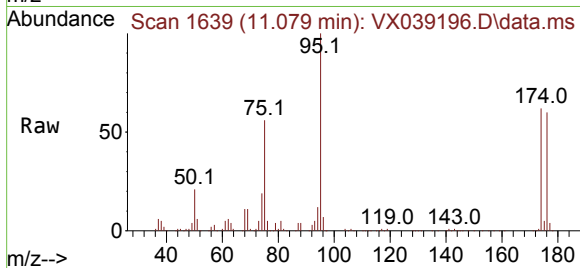
ClientSampleId :

Tgt Ion: 75 Resp: 71409

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.239 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

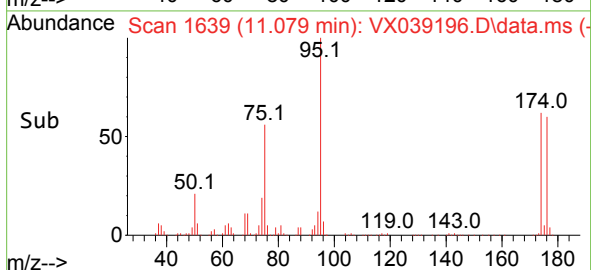
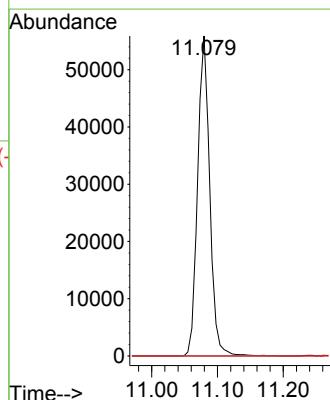
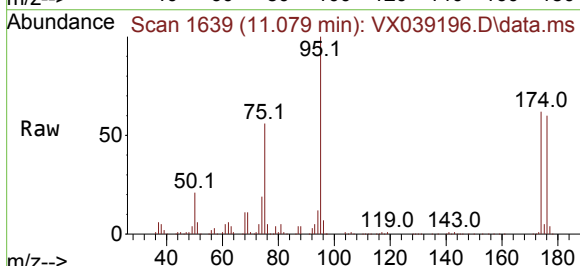
Tgt Ion: 75 Resp: 71409

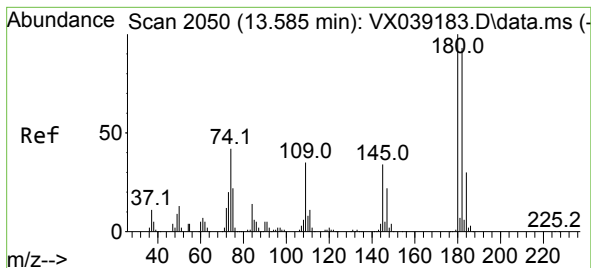
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.480 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.007 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

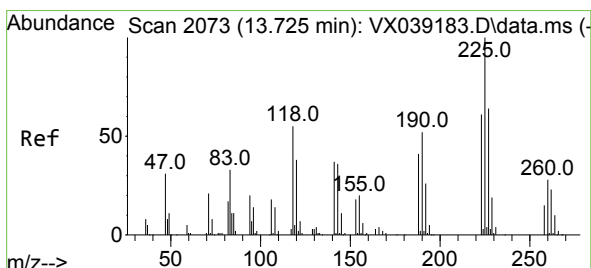
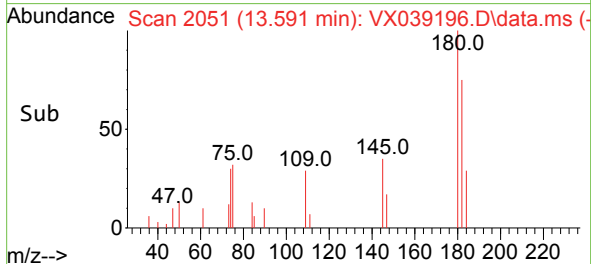
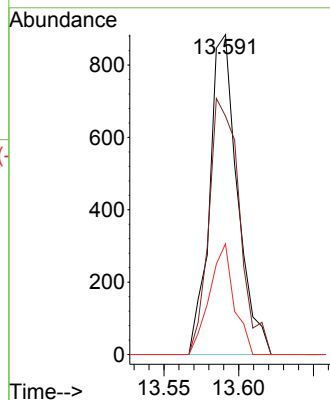
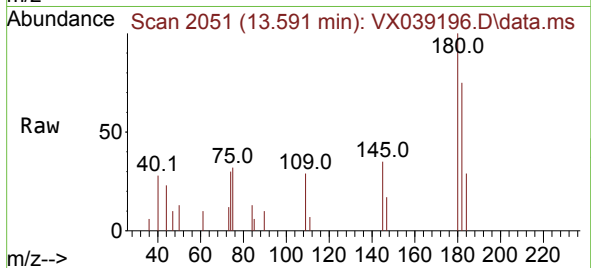
Tgt Ion:180 Resp: 1149

Ion Ratio Lower Upper

180 100

182 87.6 48.3 144.8

145 30.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.661 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

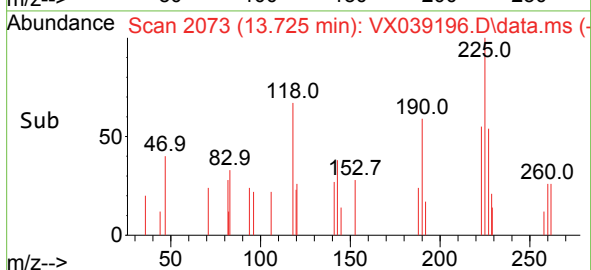
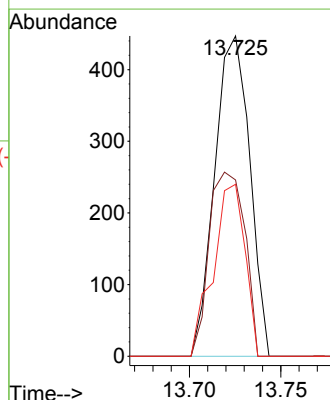
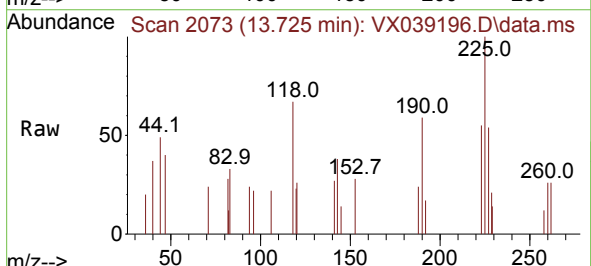
Tgt Ion:225 Resp: 597

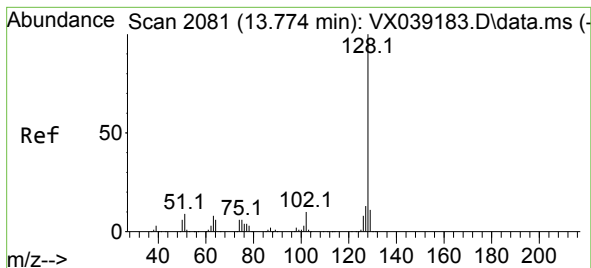
Ion Ratio Lower Upper

225 100

223 58.5 31.1 93.2

227 48.7 32.5 97.5





#95

Naphthalene

Concen: 0.451 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039196.D

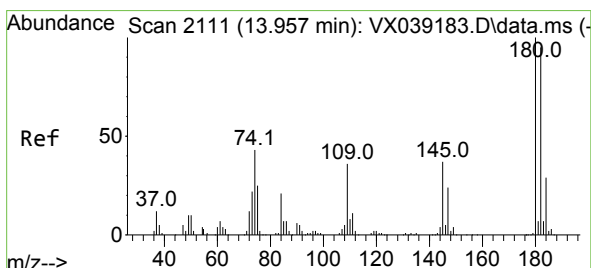
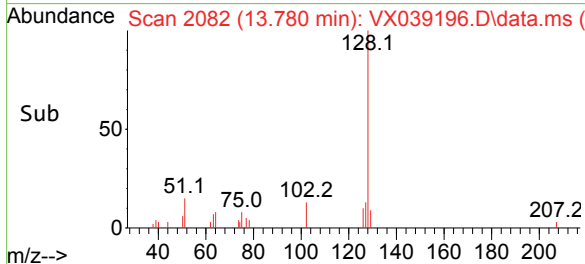
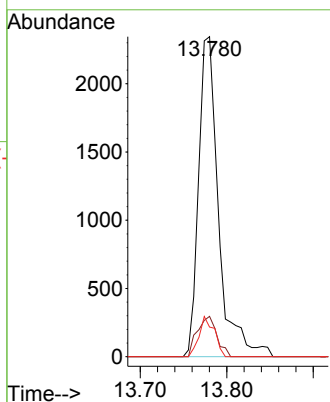
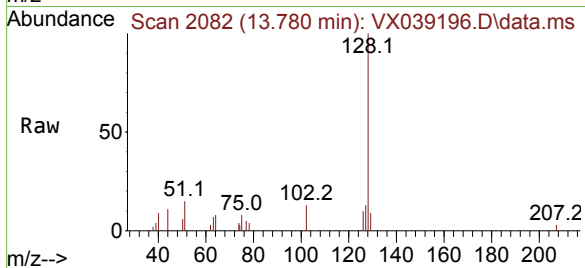
Acq: 14 Dec 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	128	Resp:	3761
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	9.6	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.319 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039196.D

Acq: 14 Dec 2023 10:09

Tgt Ion:	180	Resp:	739
Ion	Ratio	Lower	Upper
180	100		
182	90.9	46.9	140.6
145	32.2	17.8	53.5

