

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039432.D
 Acq On : 22 Dec 2023 12:13
 Operator : JC/MD
 Sample : VX1222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:21:55 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)

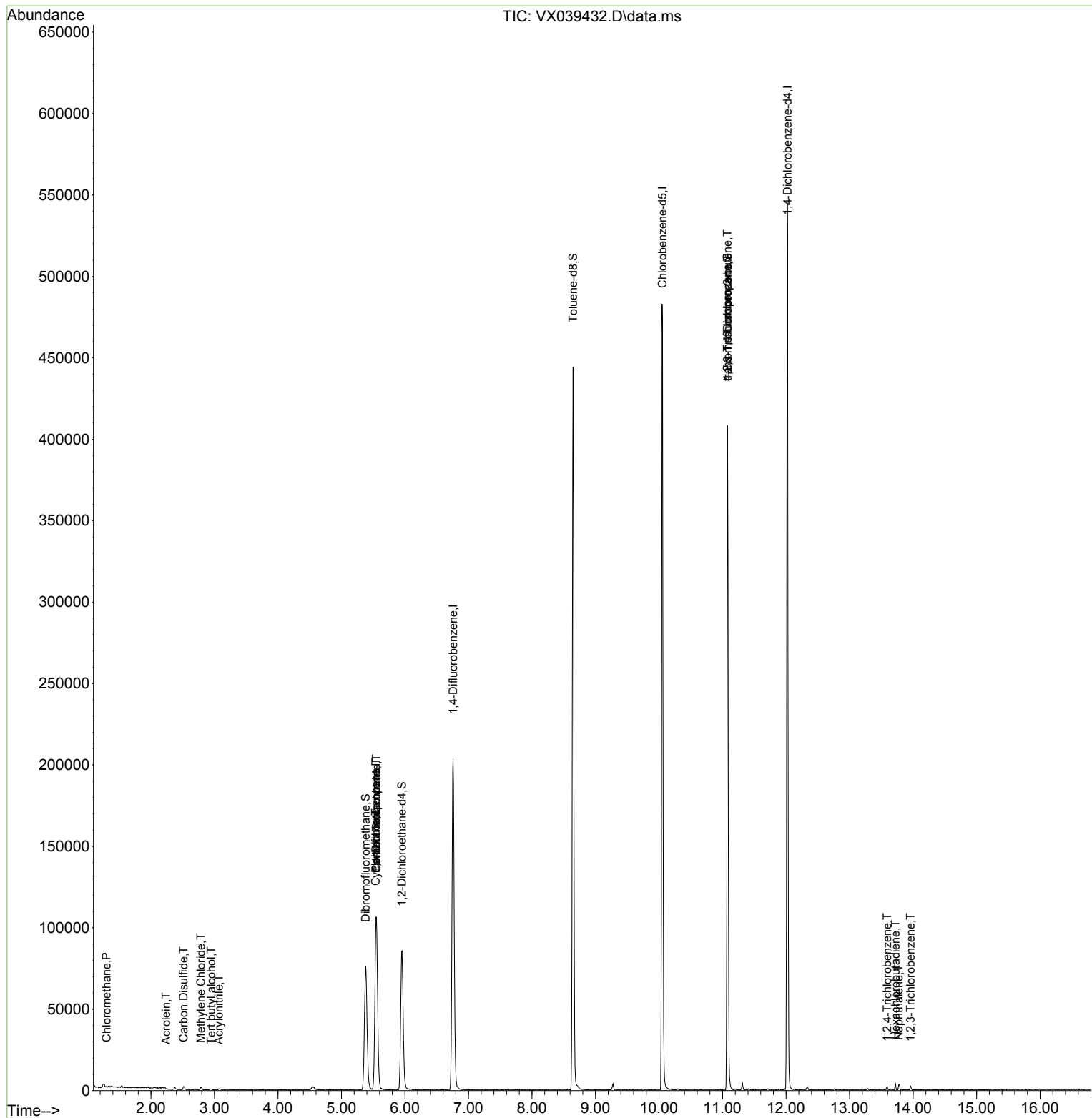
Internal Standards						
1) Pentafluorobenzene	5.543	168	93493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84570	49.377	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.760%		
35) Dibromofluoromethane	5.379	113	66489	48.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	8.647	98	254442	49.683	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	111553	52.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.580%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	295	0.203	ug/l #	43
11) Tert butyl alcohol	2.946	59	397	0.923	ug/l #	78
13) Acrolein	2.239	56	167	0.487	ug/l	91
15) Acrylonitrile	3.068	53	534	0.620	ug/l #	85
16) Acetone	2.373	43	1158	Below Cal	#	70
17) Carbon Disulfide	2.514	76	1399	0.398	ug/l #	76
20) Methylene Chloride	2.788	84	784	0.549	ug/l	90
31) Cyclohexane	5.537	56	2667	1.206	ug/l #	41
36) 1,1-Dichloropropene	5.543	75	9400	4.318	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10978	5.285	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	62038	23.170	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62038	65.362	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	620	0.285	ug/l	95
94) Hexachlorobutadiene	13.725	225	511	0.624	ug/l	90
95) Naphthalene	13.774	128	2725	0.360	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	699	0.333	ug/l	96

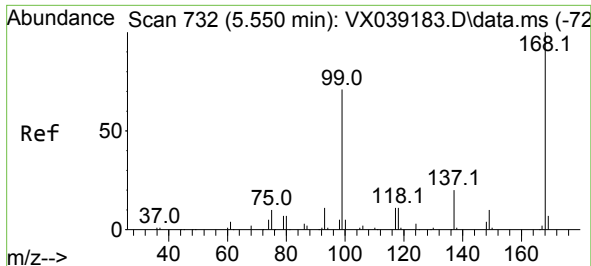
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX039432.D
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

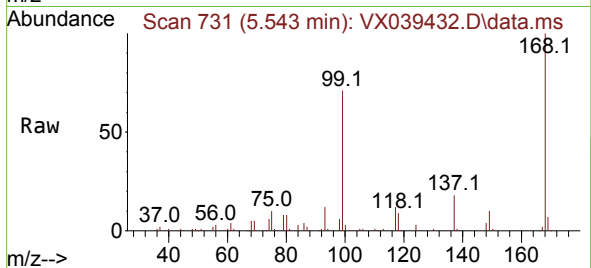
Quant Time: Dec 23 06:21:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



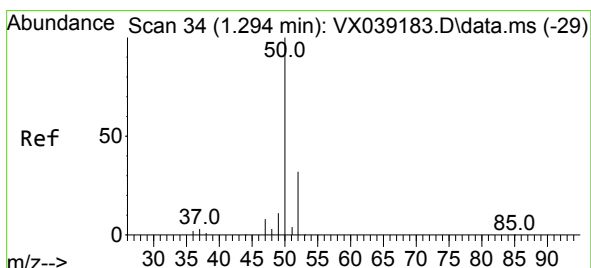
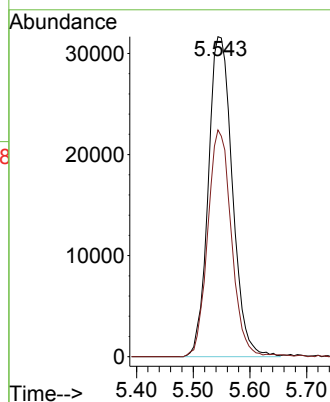
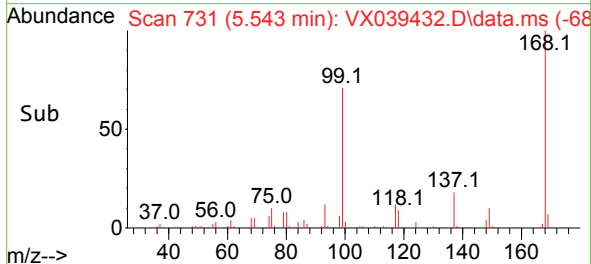


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

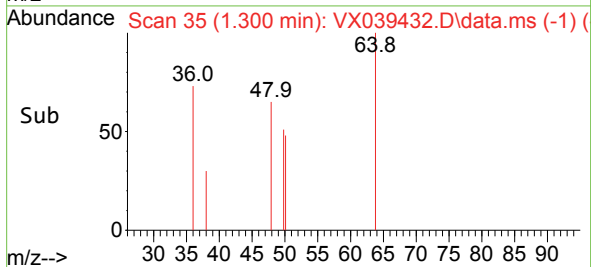
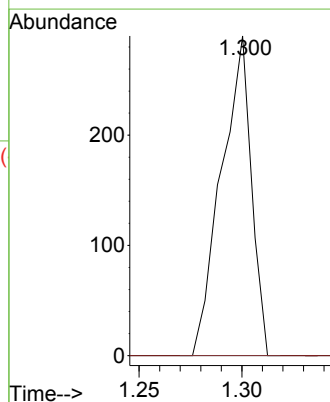
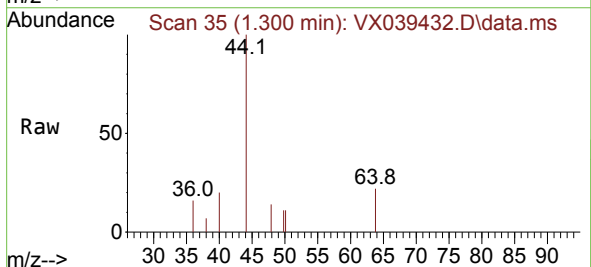


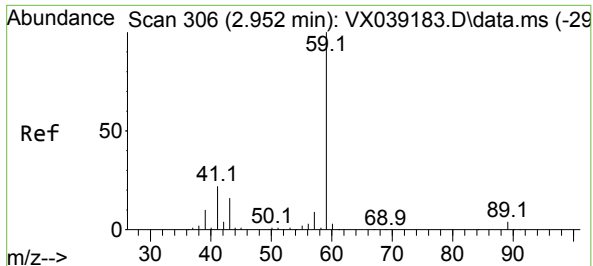
Tgt Ion:168 Resp: 93493
Ion Ratio Lower Upper
168 100
99 70.8 56.6 85.0



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion: 50 Resp: 295
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.923 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

Instrument :

MSVOA_X

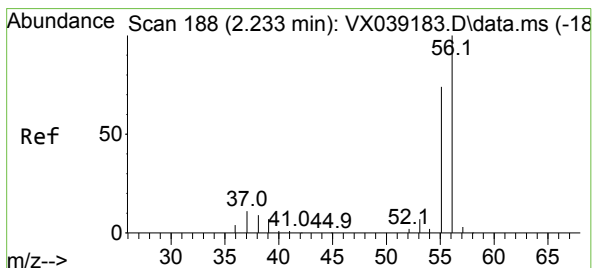
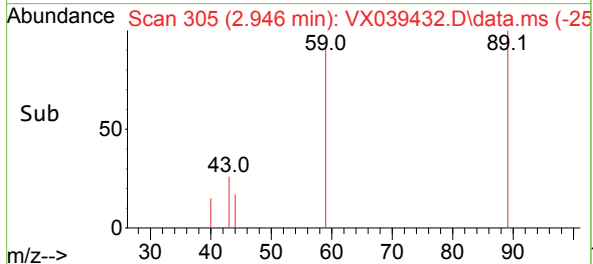
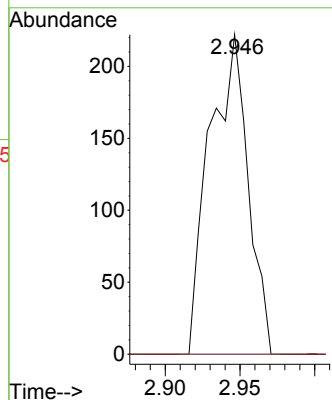
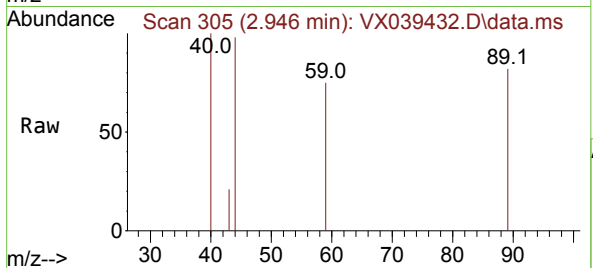
ClientSampleId :

Tgt Ion: 59 Resp: 397

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.487 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX039432.D

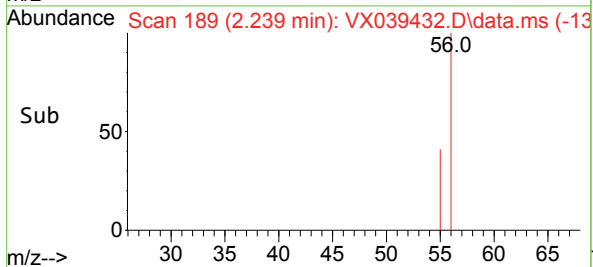
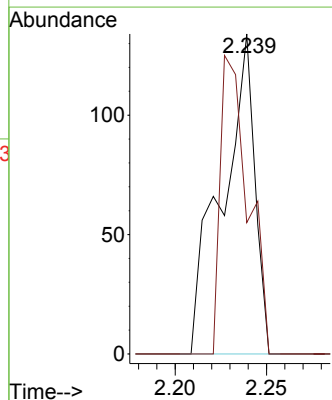
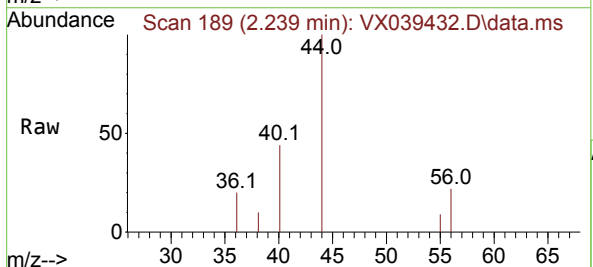
Acq: 22 Dec 2023 12:13

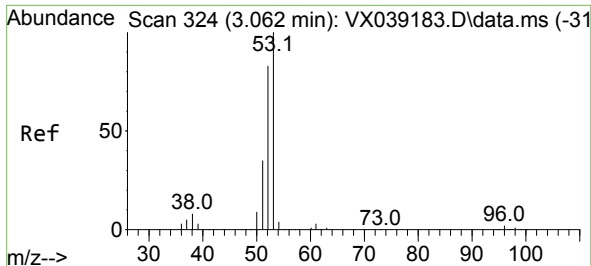
Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

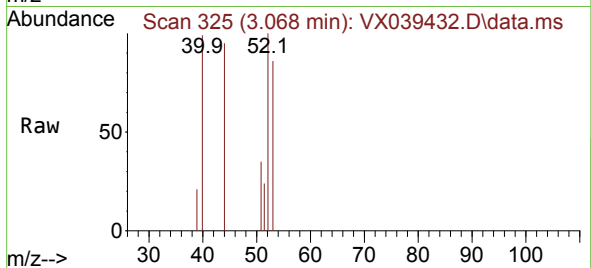
55 79.0 57.1 85.7



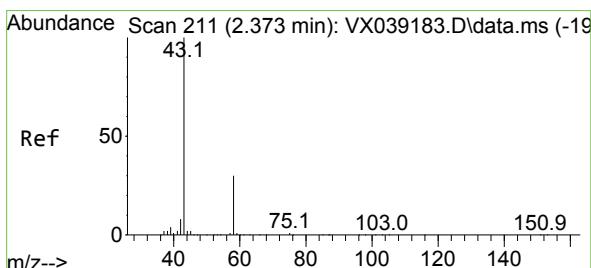
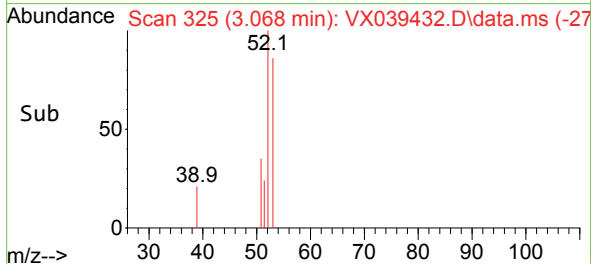
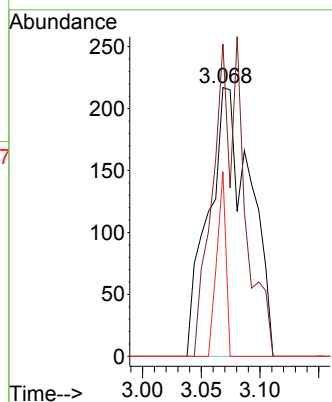


#15
Acrylonitrile
Concen: 0.620 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

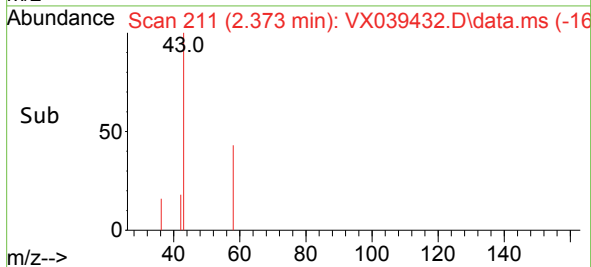
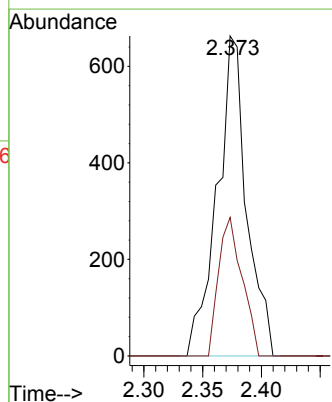
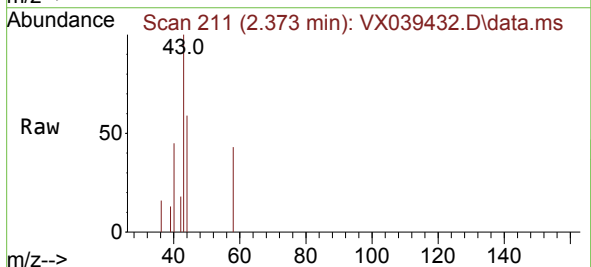


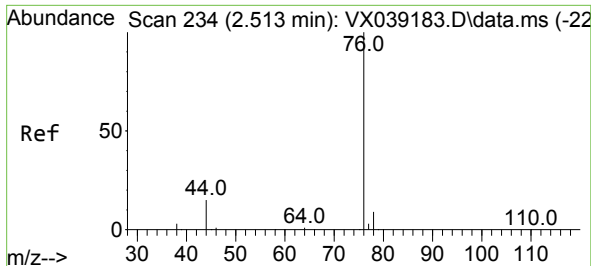
Tgt Ion: 53 Resp: 534
Ion Ratio Lower Upper
53 100
52 86.5 66.0 99.0
51 15.0 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

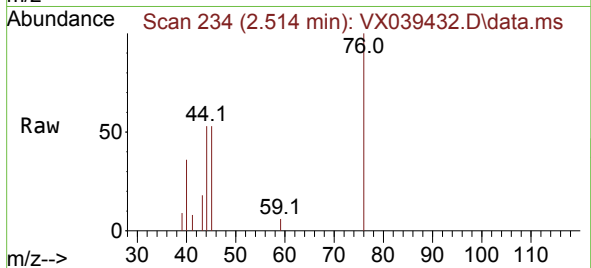
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 43.3 21.9 32.9#



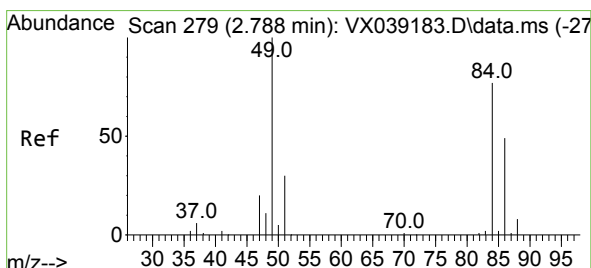
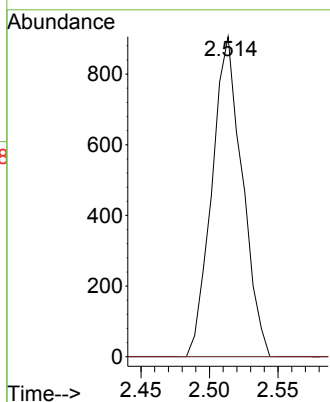
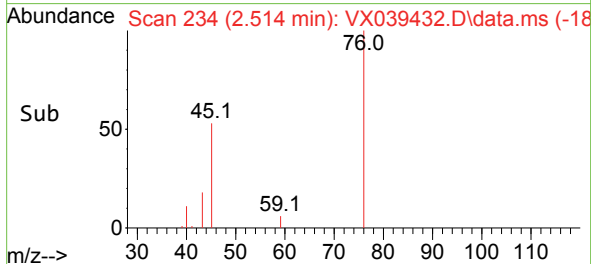


#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

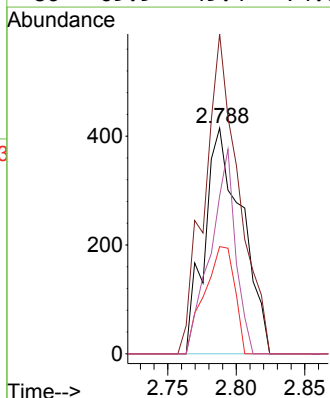
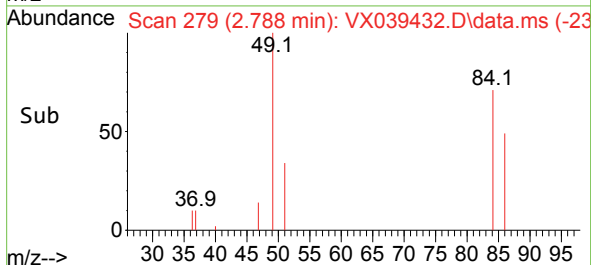
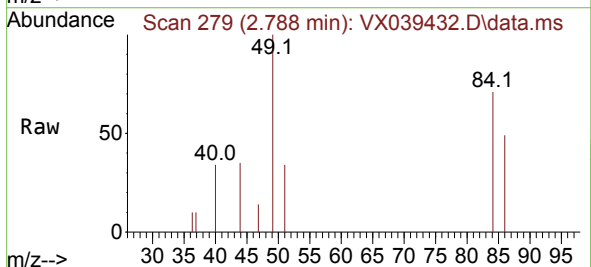


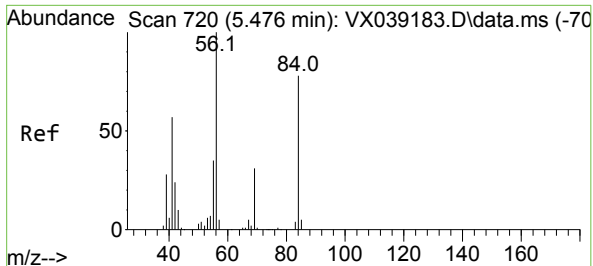
Tgt Ion: 76 Resp: 1399
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.549 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

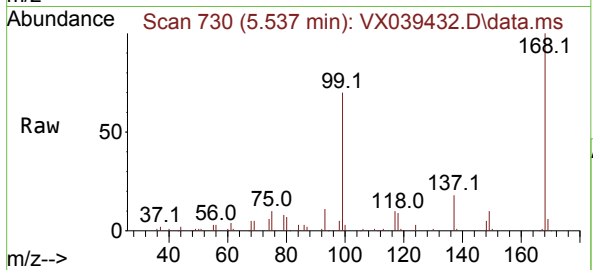
Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
49 141.7 103.6 155.4
51 47.5 33.8 50.6
86 69.9 49.4 74.0



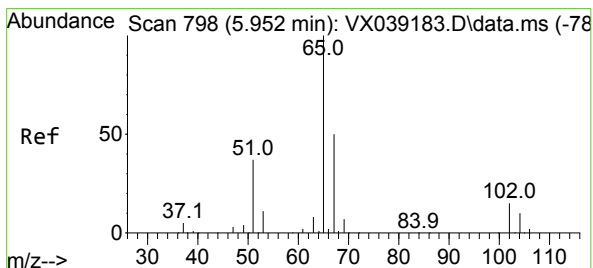
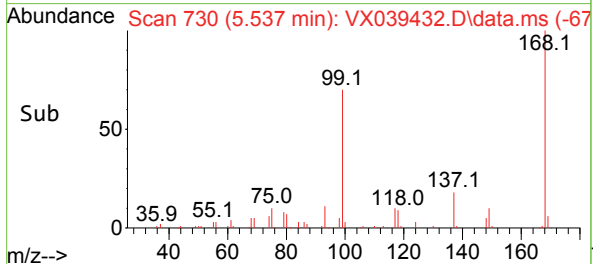
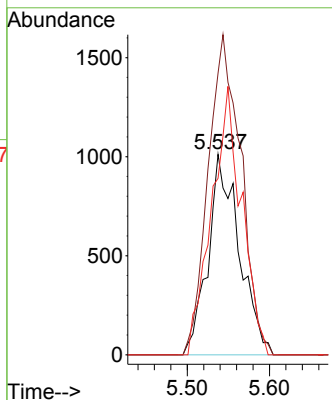


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.061 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

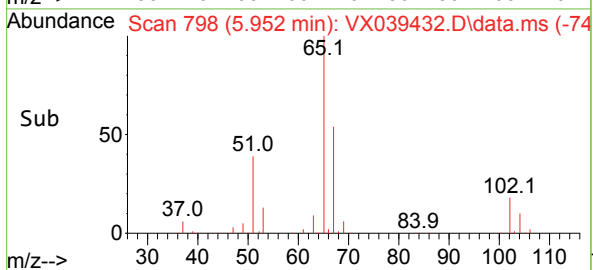
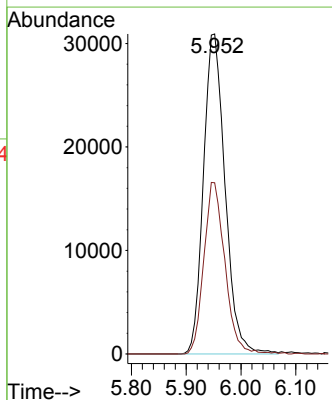
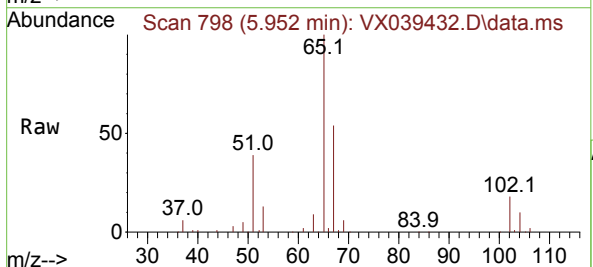


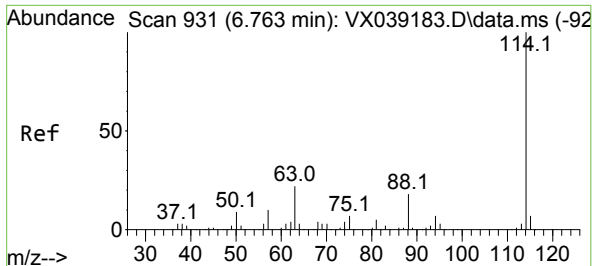
Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 140.4 23.4 35.2#
84 88.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.377 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

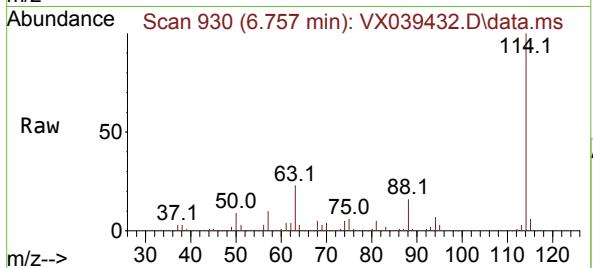
Tgt Ion: 65 Resp: 84570
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



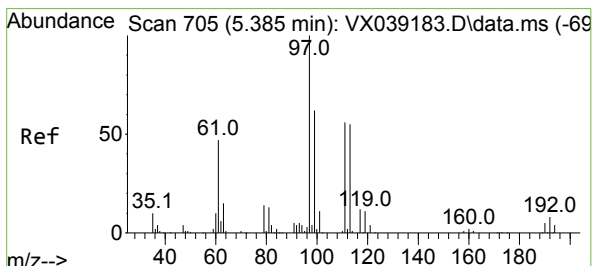
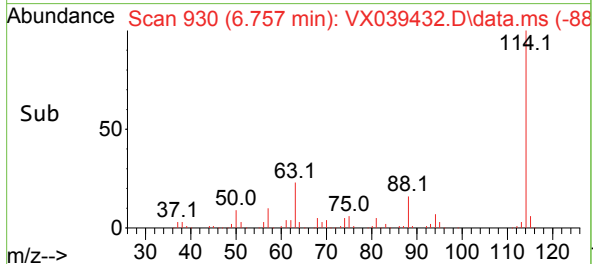
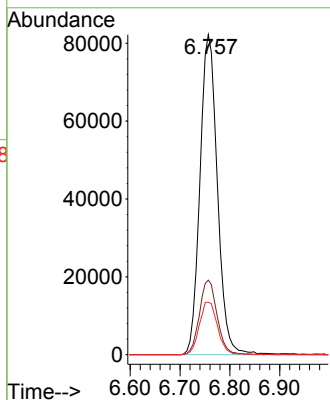


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

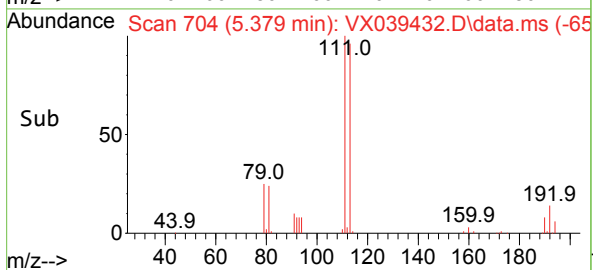
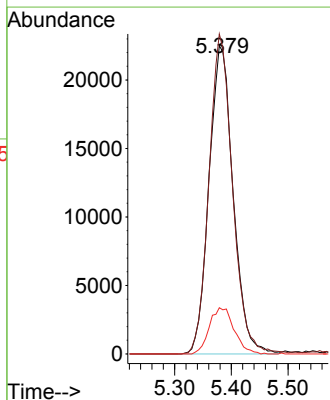
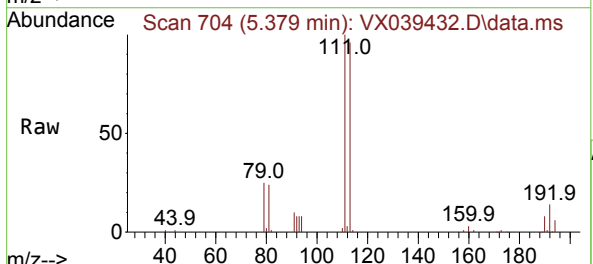


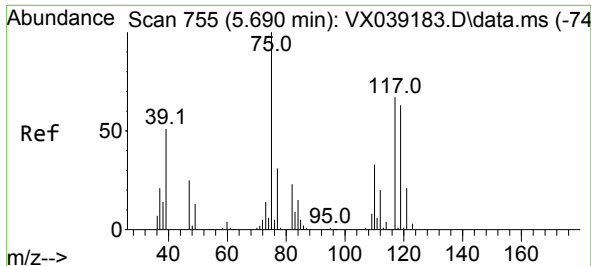
Tgt Ion:114 Resp: 199677
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

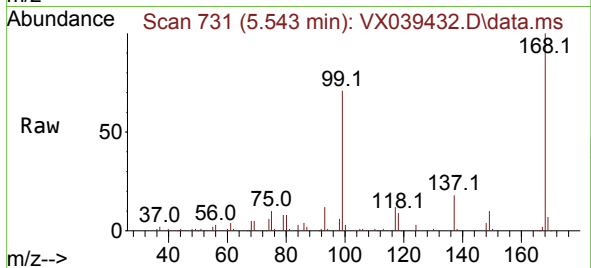
Tgt Ion:113 Resp: 66489
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 15.4 13.3 19.9



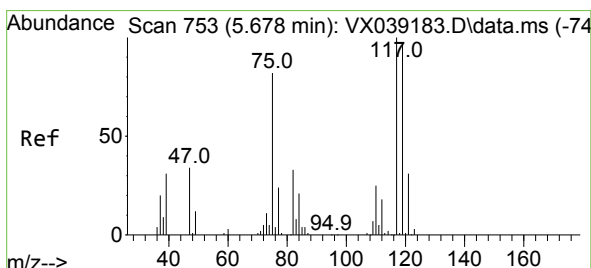
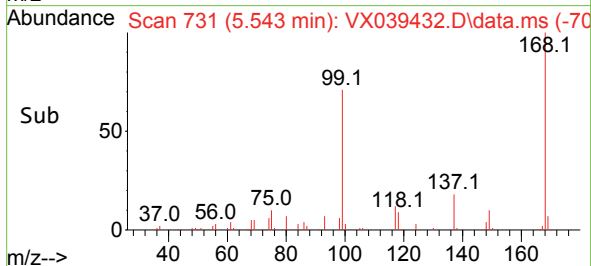
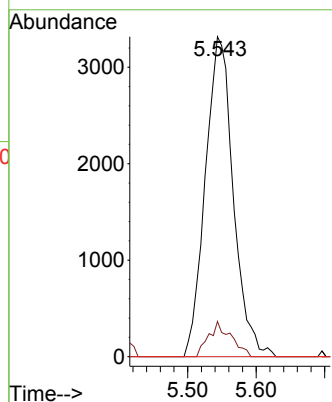


#36
1,1-Dichloropropene
Concen: 4.318 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Instrument :
MSVOA_X
ClientSampleId :

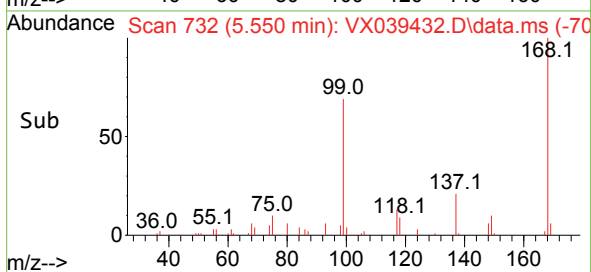
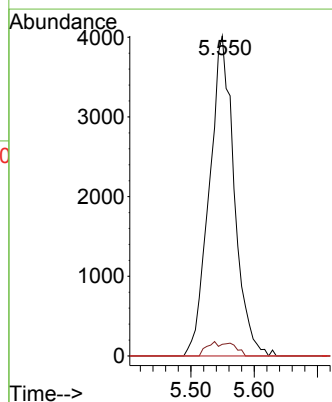
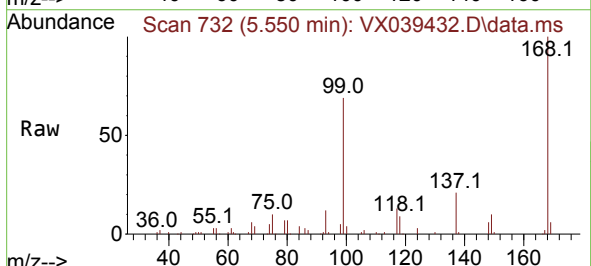


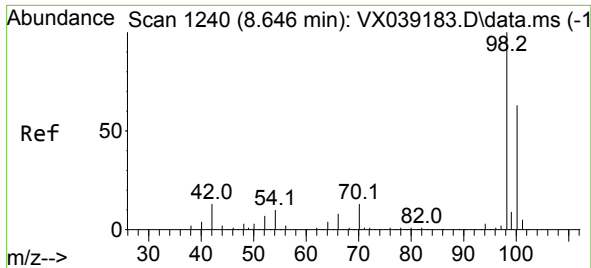
Tgt Ion: 75 Resp: 9400
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.285 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion: 117 Resp: 10978
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

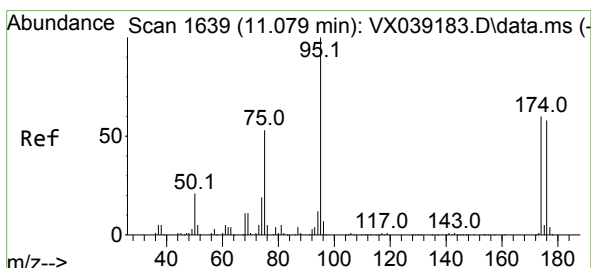
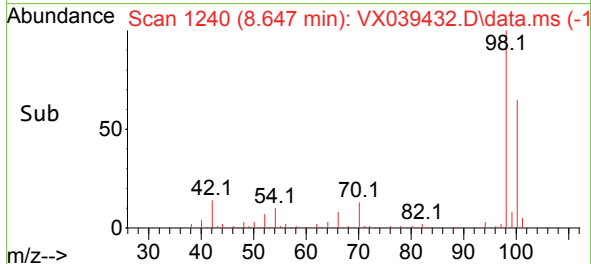
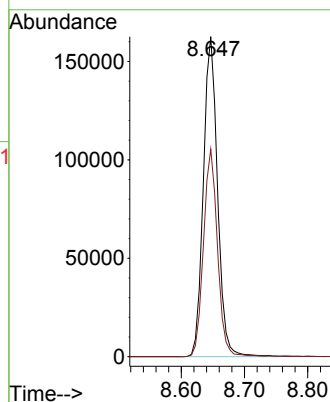
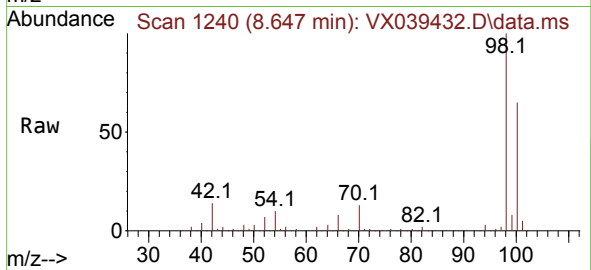




#50
Toluene-d8
Concen: 49.683 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

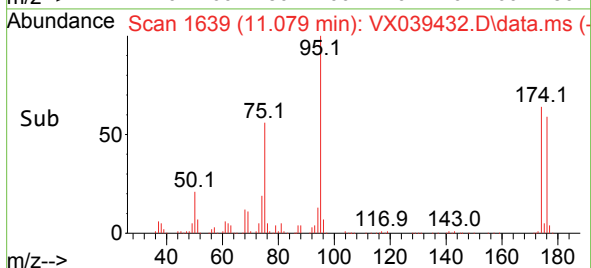
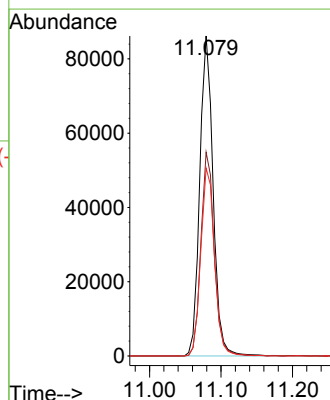
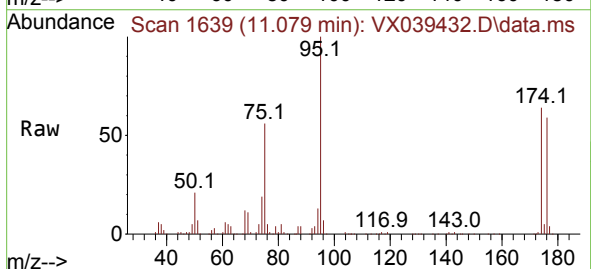
Instrument :
MSVOA_X
ClientSampleId :

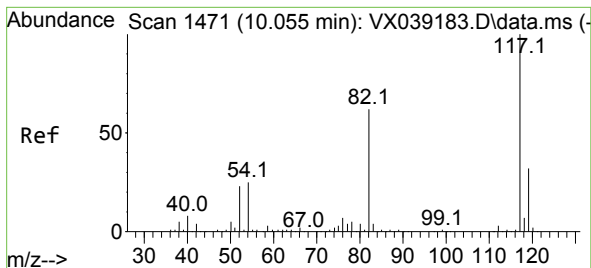
Tgt Ion: 98 Resp: 254442
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

Tgt Ion: 95 Resp: 111553
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.6
176 60.4 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: VX039432.D

Acq: 22 Dec 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

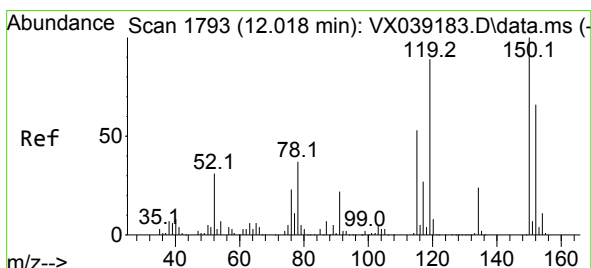
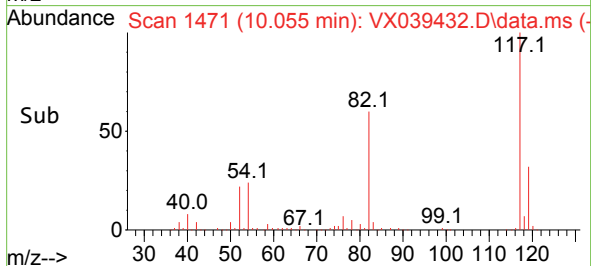
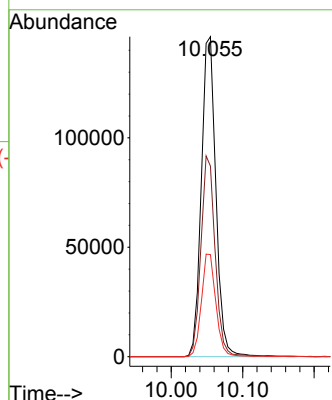
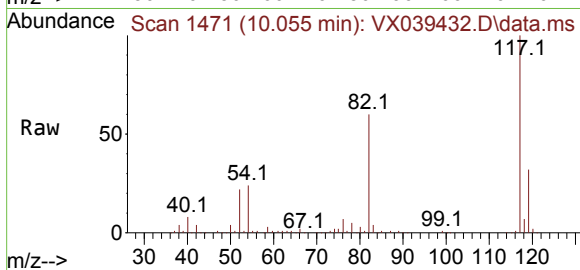
Tgt Ion:117 Resp: 206848

Ion Ratio Lower Upper

117 100

82 59.5 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

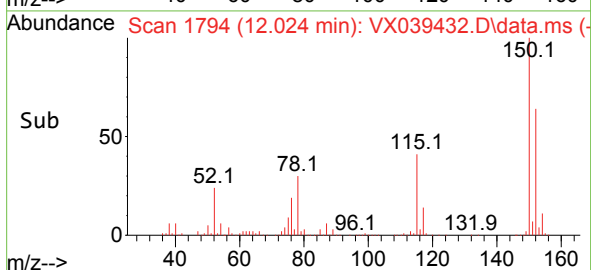
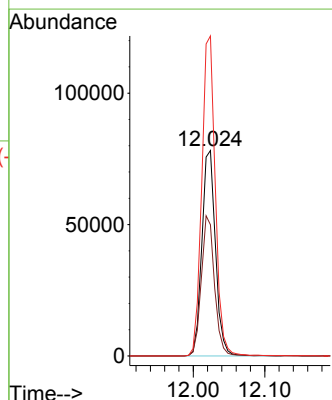
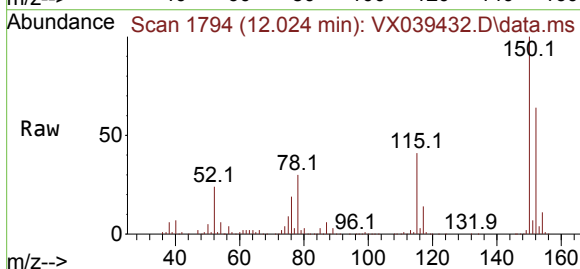
Tgt Ion:152 Resp: 103492

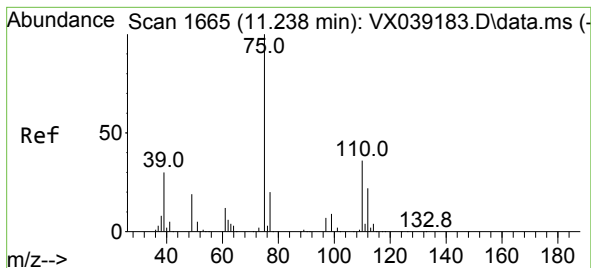
Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 155.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.170 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

Instrument :

MSVOA_X

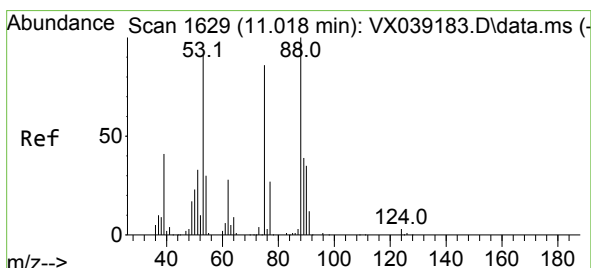
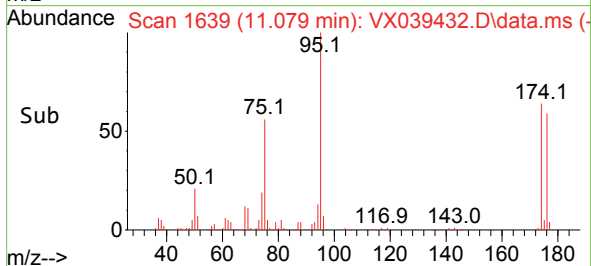
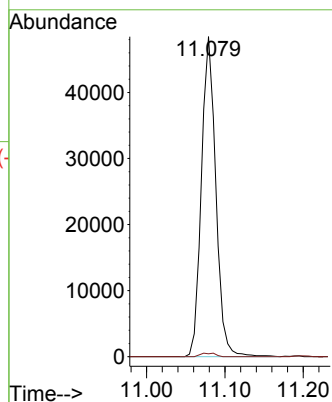
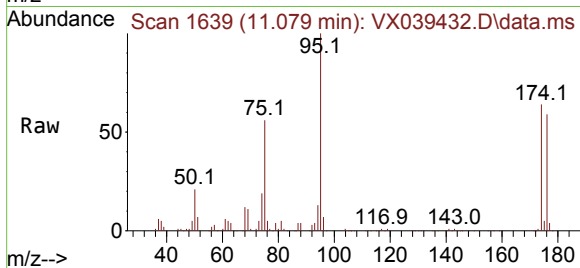
ClientSampleId :

Tgt Ion: 75 Resp: 62038

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

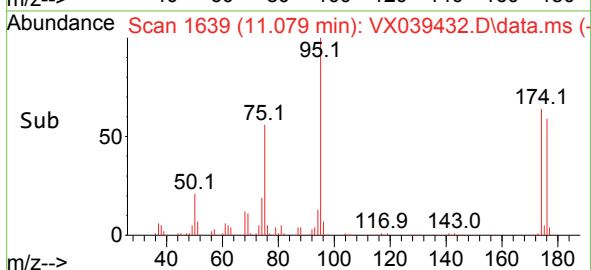
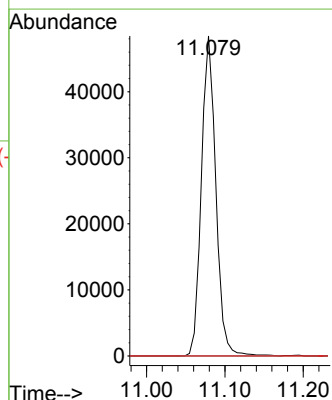
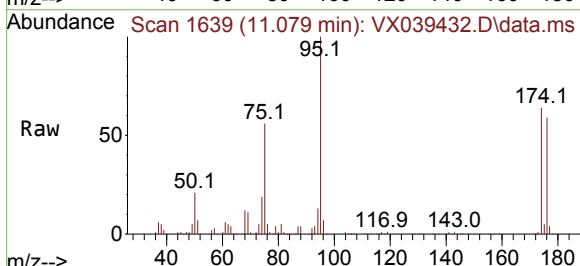
Tgt Ion: 75 Resp: 62038

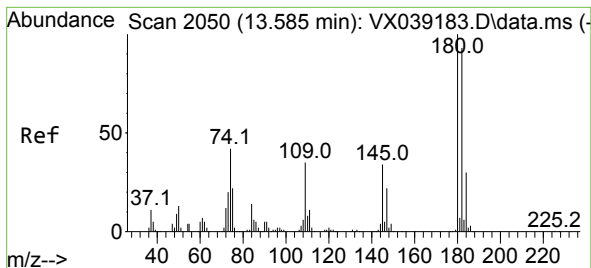
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.285 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

Instrument :

MSVOA_X

ClientSampleId :

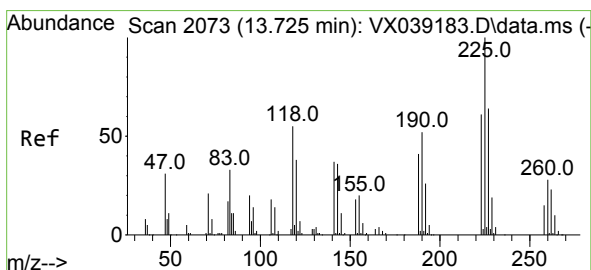
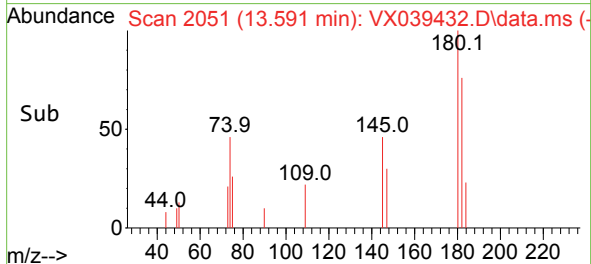
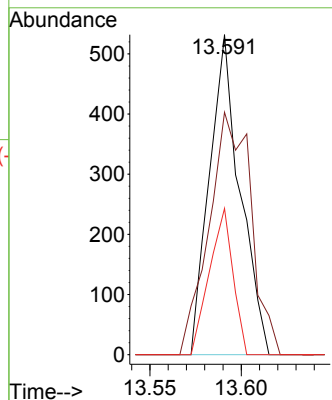
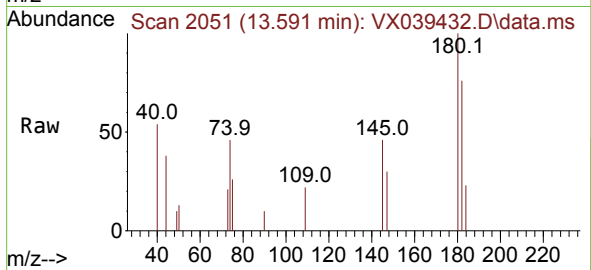
Tgt Ion:180 Resp: 620

Ion Ratio Lower Upper

180 100

182 103.2 48.3 144.8

145 35.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.624 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039432.D

Acq: 22 Dec 2023 12:13

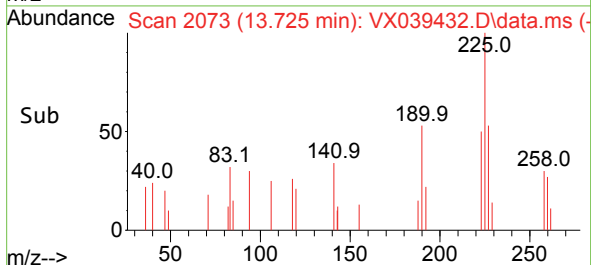
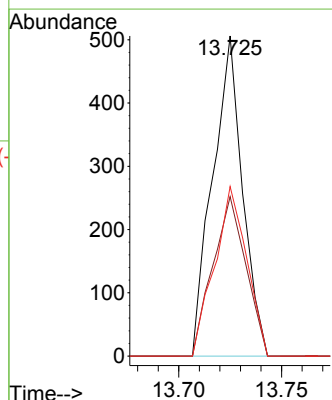
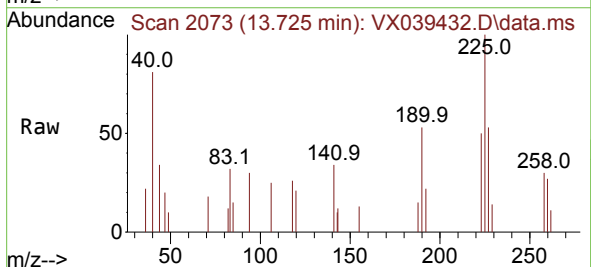
Tgt Ion:225 Resp: 511

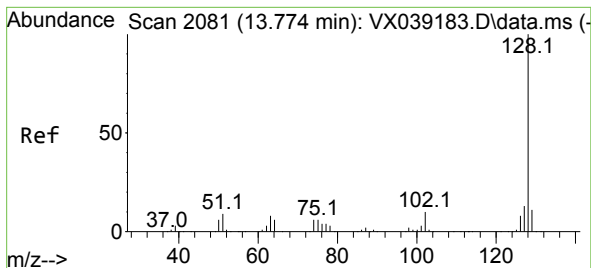
Ion Ratio Lower Upper

225 100

223 55.0 31.1 93.2

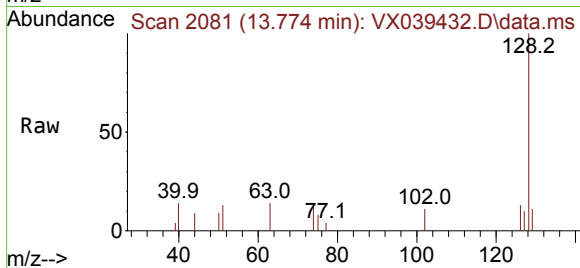
227 56.9 32.5 97.5



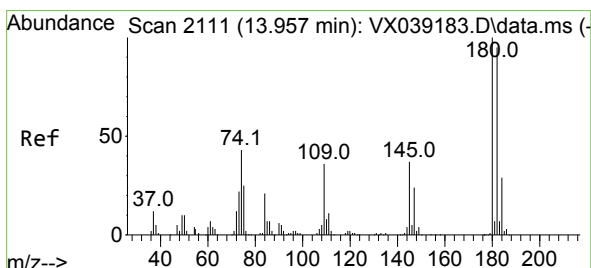
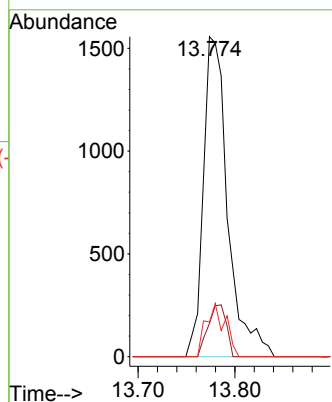
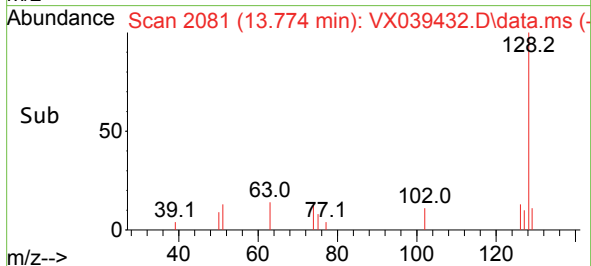


#95
Naphthalene
Concen: 0.360 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13

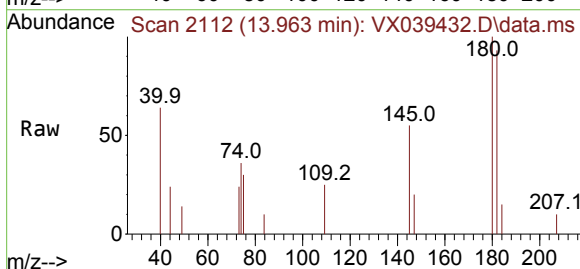
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2725
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 13.2 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039432.D
Acq: 22 Dec 2023 12:13



Tgt Ion:180 Resp: 699
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 42.6 17.8 53.5

