

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039531.D
 Acq On : 29 Dec 2023 09:43
 Operator : JC/MD
 Sample : VX1229MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229MBL01

Quant Time: Dec 30 01:53:29 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	84224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73654	47.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.480%
35) Dibromofluoromethane	5.379	113	57560	46.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	219477	48.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	88702	47.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.240%

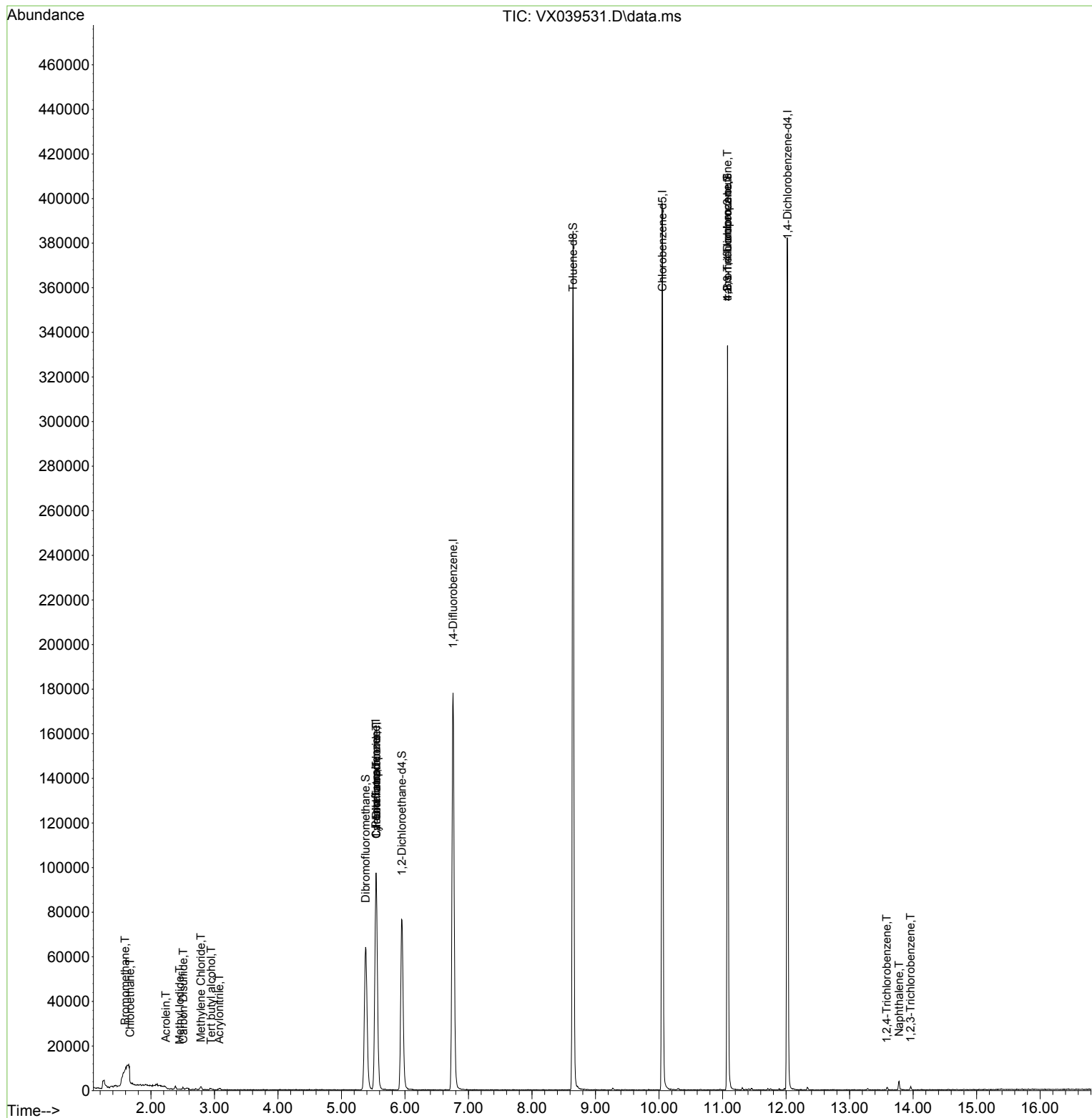
Target Compounds			Qvalue			
5) Bromomethane	1.593	94	408	0.581	ug/l #	67
6) Chloroethane	1.672	64	149	0.203	ug/l #	78
10) Methyl Iodide	2.453	142	247	0.219	ug/l #	34
11) Tert butyl alcohol	2.946	59	474	1.223	ug/l #	78
13) Acrolein	2.233	56	193	0.624	ug/l #	77
15) Acrylonitrile	3.075	53	499	0.643	ug/l #	73
16) Acetone	2.380	43	1283	Below Cal	#	73
17) Carbon Disulfide	2.508	76	1080	0.341	ug/l	98
20) Methylene Chloride	2.788	84	602	0.468	ug/l #	85
31) Cyclohexane	5.550	56	2287	1.148	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	7982	4.115	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9529	5.148	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	49650	25.875	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49650	72.994	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	403	0.259	ug/l	94
95) Naphthalene	13.780	128	2947	0.543	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	551	0.366	ug/l	86

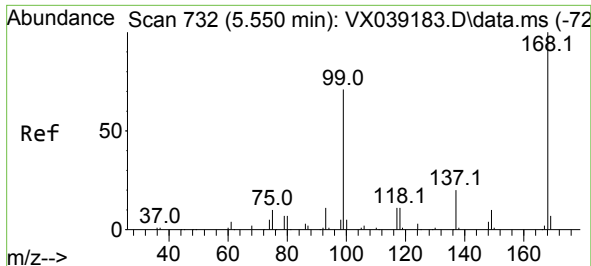
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX039531.D

Acq: 29 Dec 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

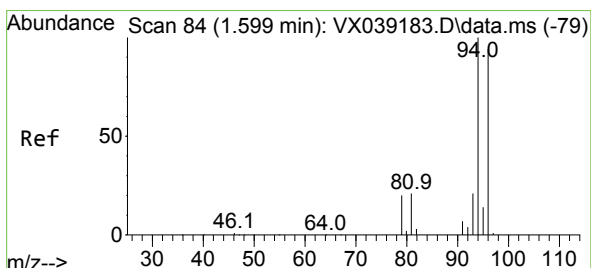
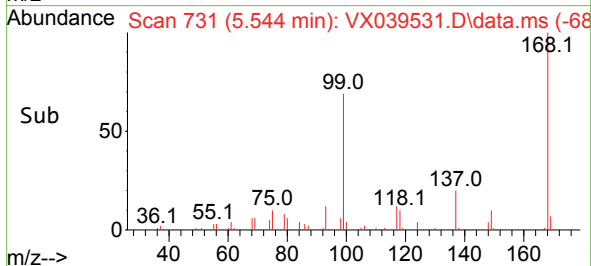
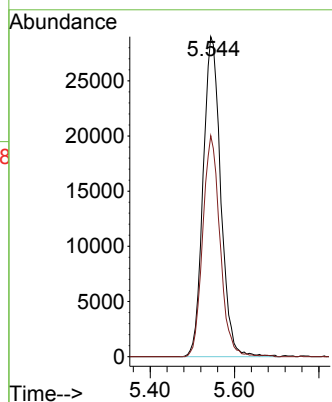
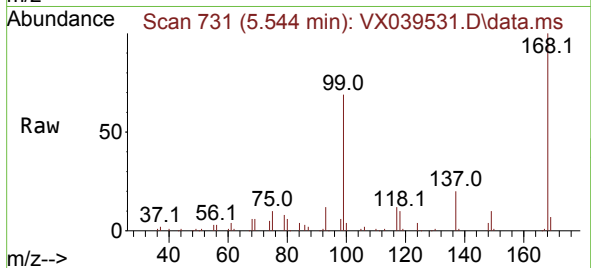
VX1229MBL01

Tgt Ion:168 Resp: 84224

Ion Ratio Lower Upper

168 100

99 69.0 56.6 85.0



#5

Bromomethane

Concen: 0.581 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX039531.D

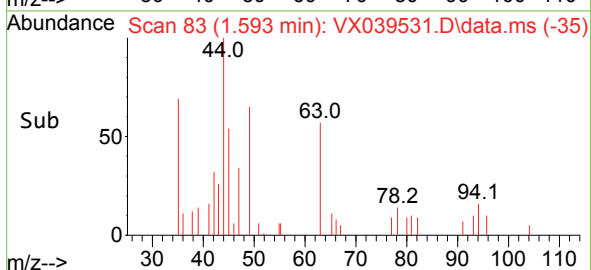
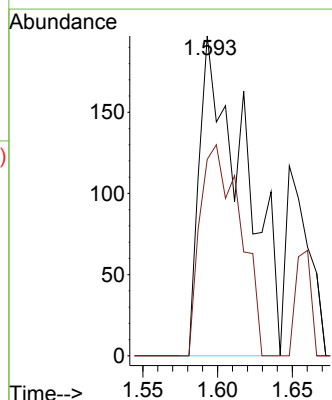
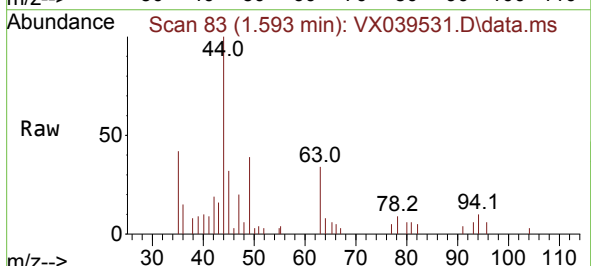
Acq: 29 Dec 2023 09:43

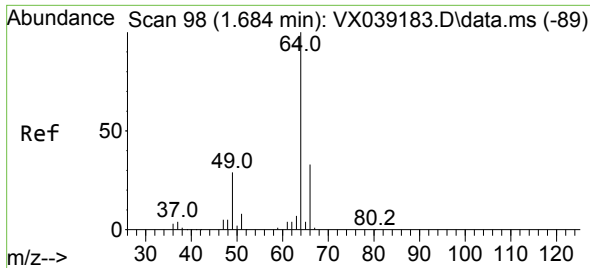
Tgt Ion: 94 Resp: 408

Ion Ratio Lower Upper

94 100

96 61.4 74.6 111.8#

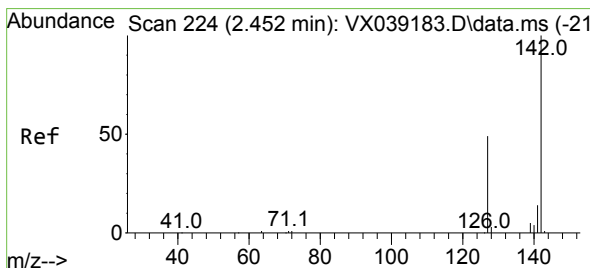
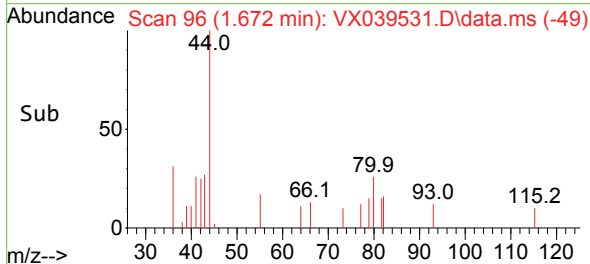
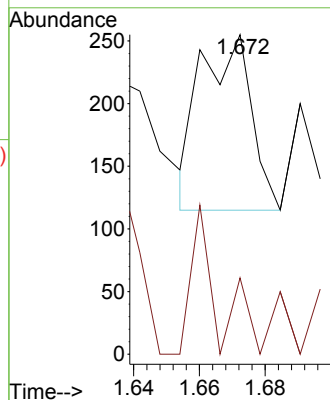
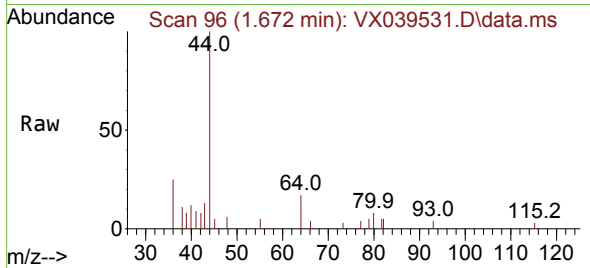




#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.672 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

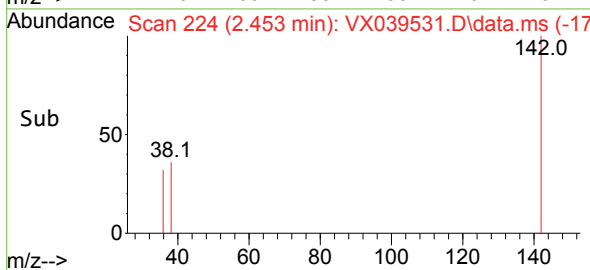
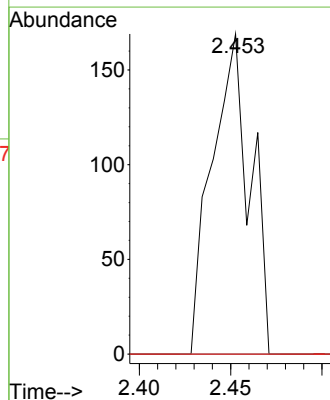
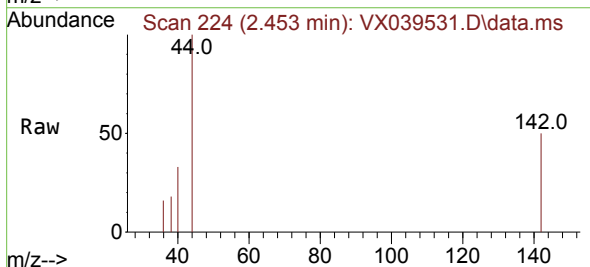
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

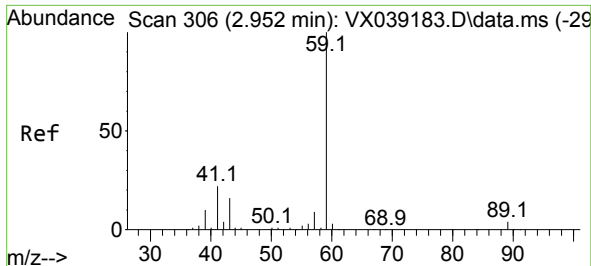
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 43.6 25.1 37.7#



#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 142 Resp: 247
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#

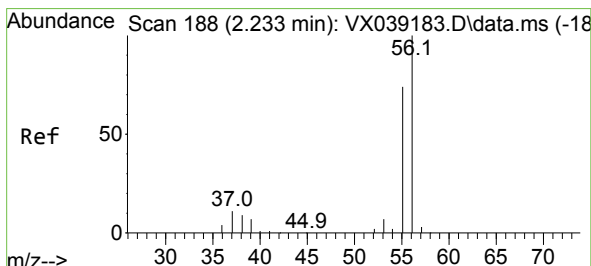
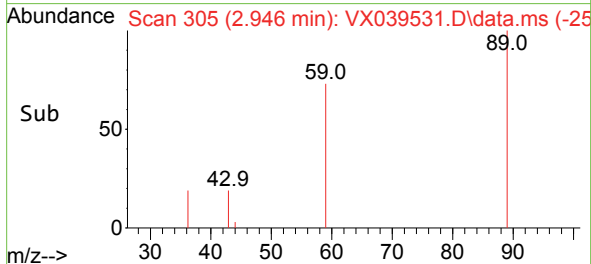
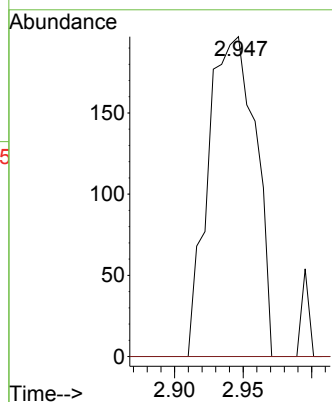
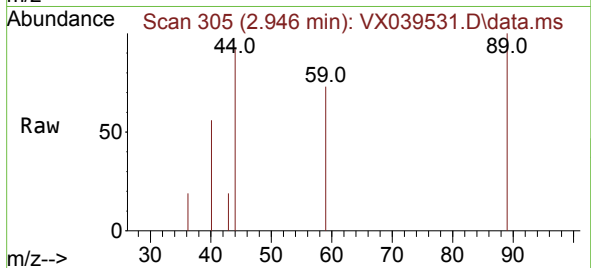




#11
Tert butyl alcohol
Concen: 1.223 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

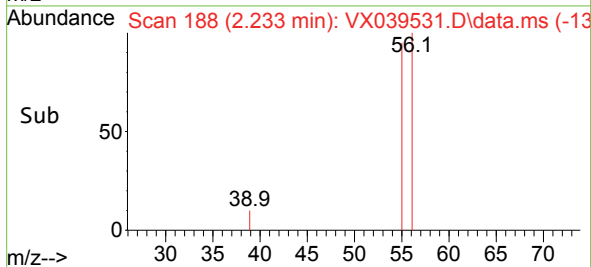
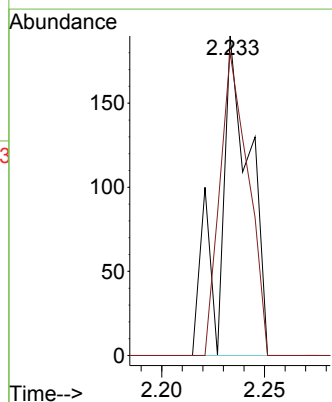
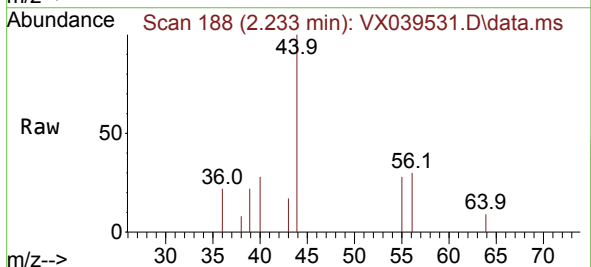
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

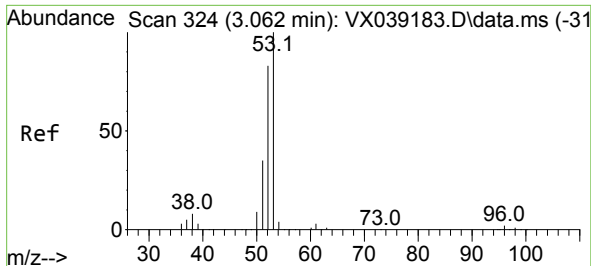
Tgt Ion: 59 Resp: 474
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.624 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 90.2 57.1 85.7#

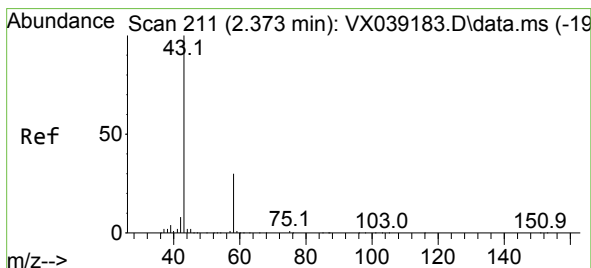
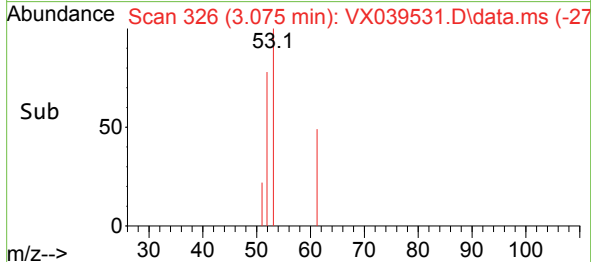
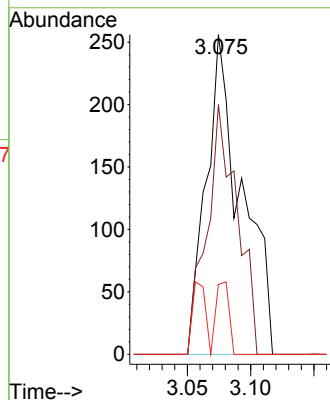
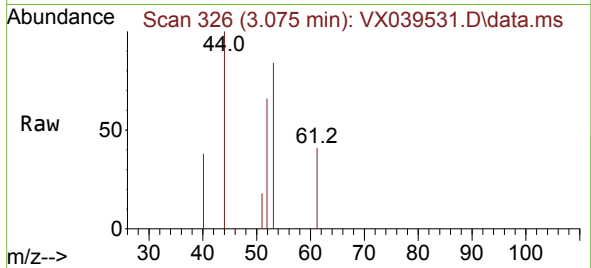




#15
Acrylonitrile
Concen: 0.643 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

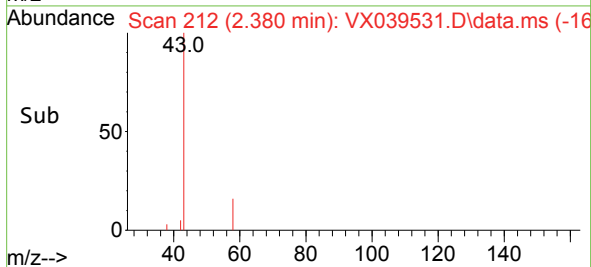
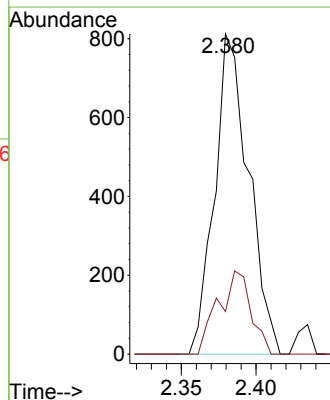
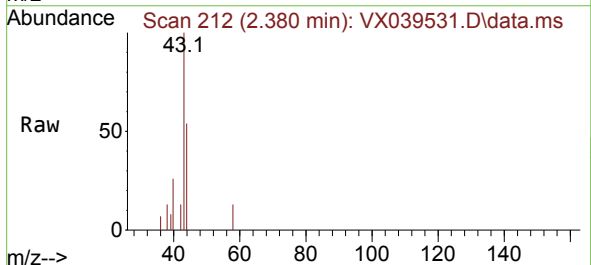
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

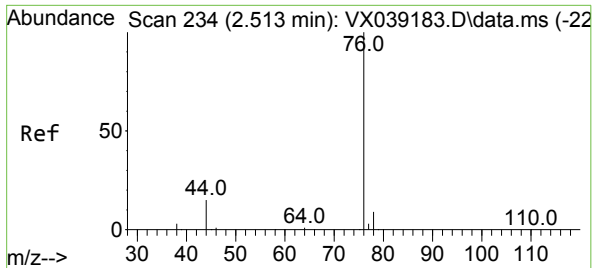
Tgt Ion: 53 Resp: 499
Ion Ratio Lower Upper
53 100
52 66.7 66.0 99.0
51 8.4 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 13.3 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.341 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039531.D

Acq: 29 Dec 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

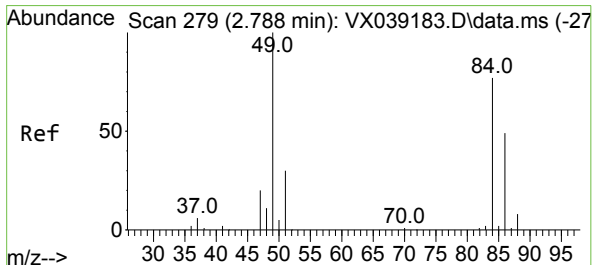
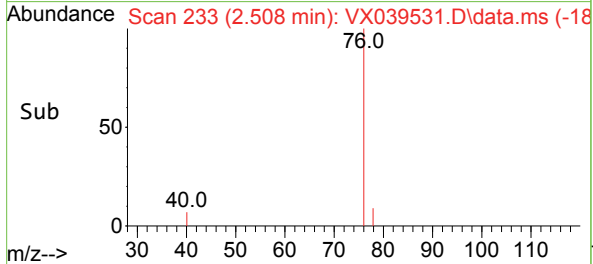
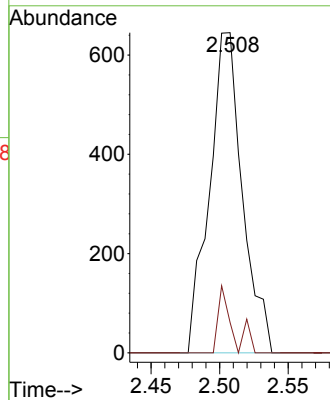
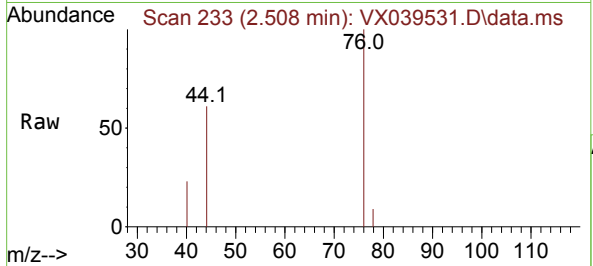
VX1229MBL01

Tgt Ion: 76 Resp: 1080

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039531.D

Acq: 29 Dec 2023 09:43

Tgt Ion: 84 Resp: 602

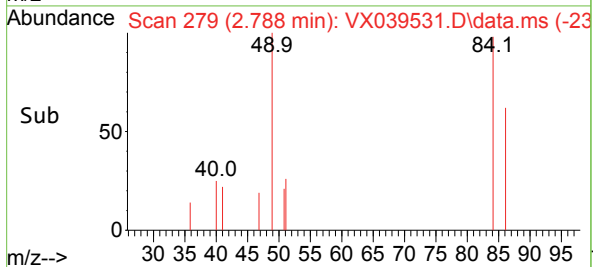
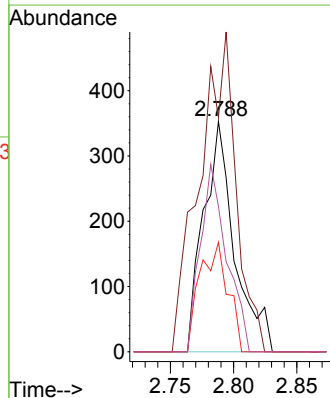
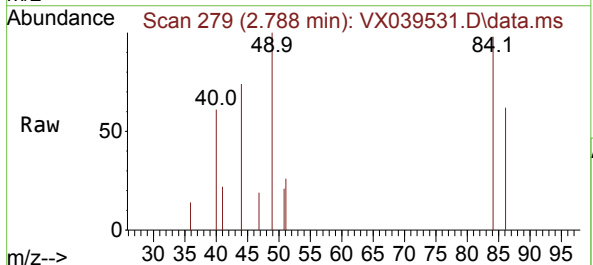
Ion Ratio Lower Upper

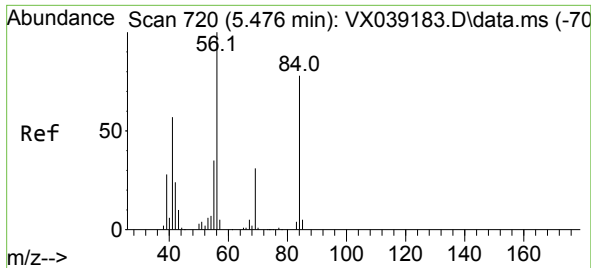
84 100

49 101.7 103.6 155.4#

51 47.6 33.8 50.6

86 63.2 49.4 74.0

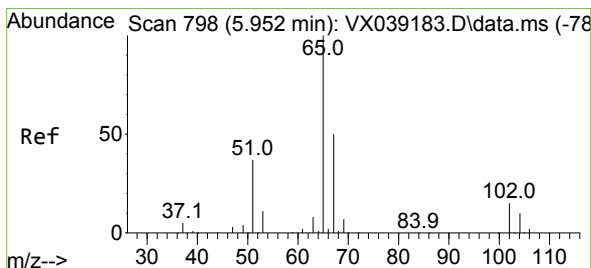
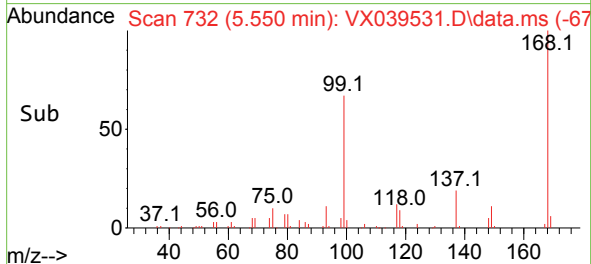
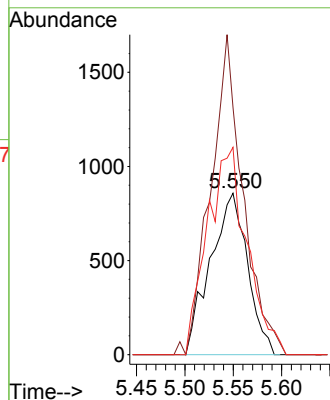
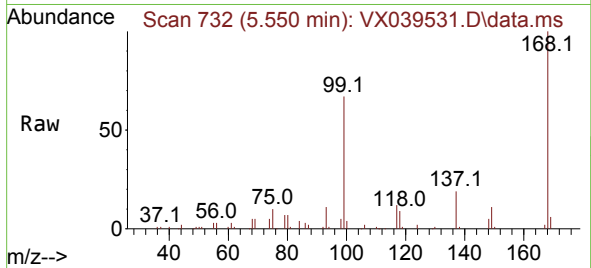




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

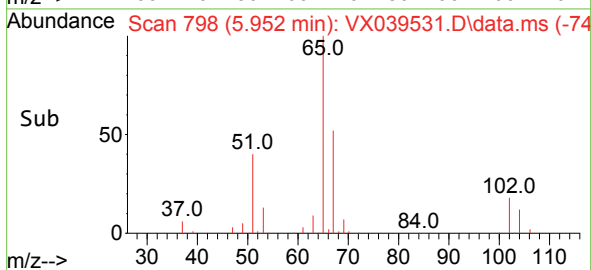
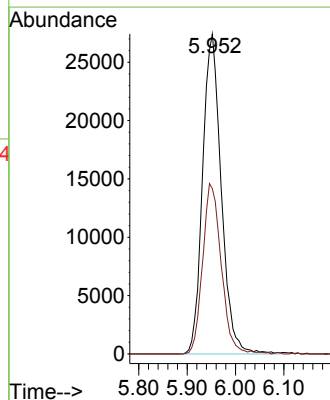
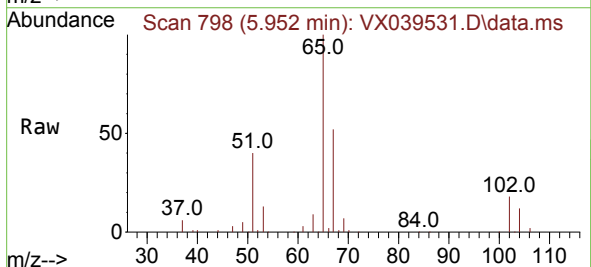
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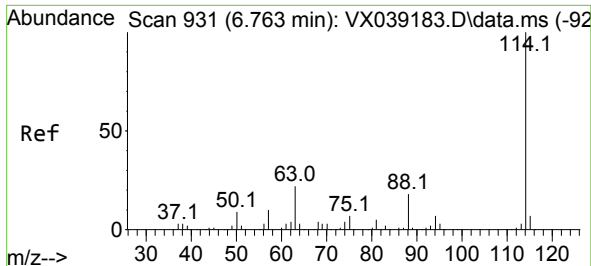
Tgt Ion: 56 Resp: 2287
Ion Ratio Lower Upper
56 100
69 146.2 23.4 35.2#
84 128.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.737 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 65 Resp: 73654
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

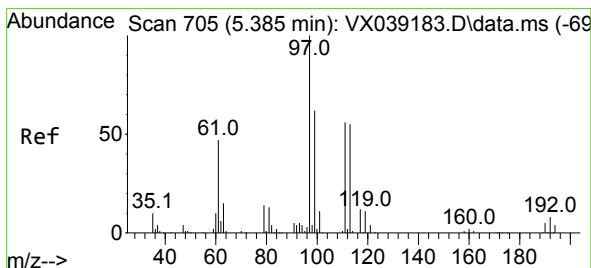
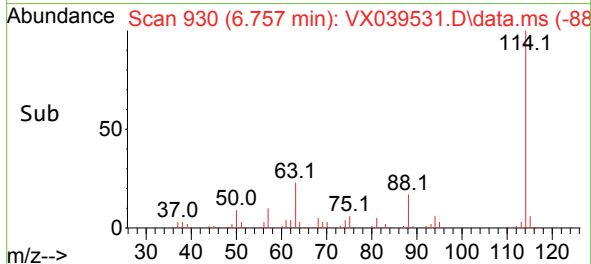
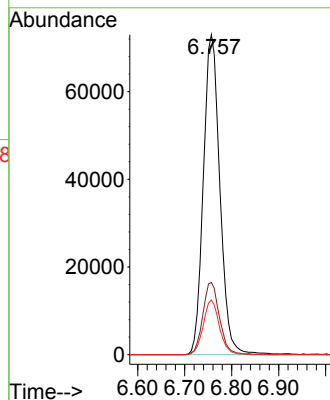
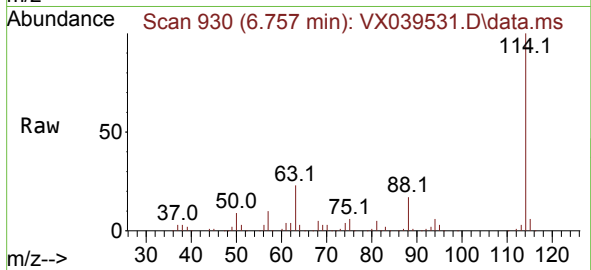




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

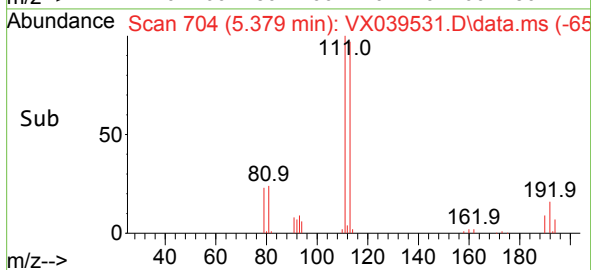
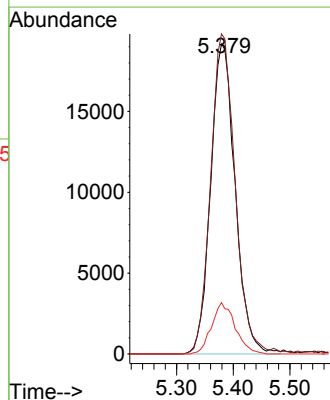
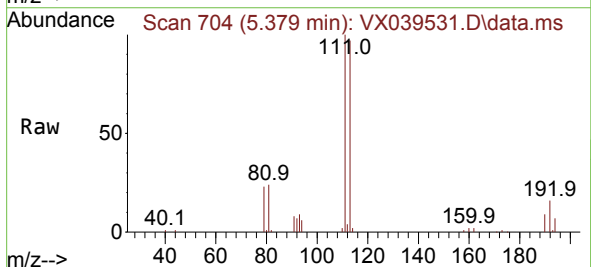
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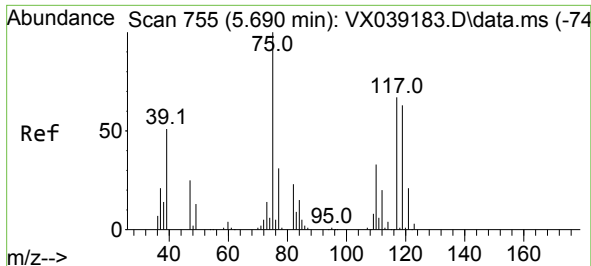
Tgt Ion:114 Resp: 177906
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.833 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion:113 Resp: 57560
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.0 13.3 19.9

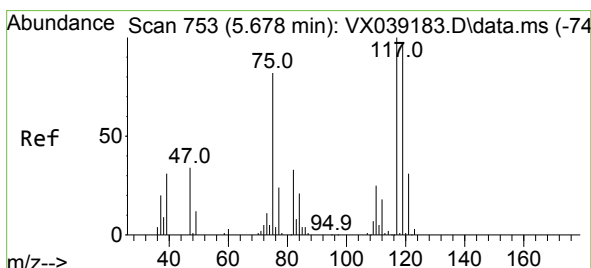
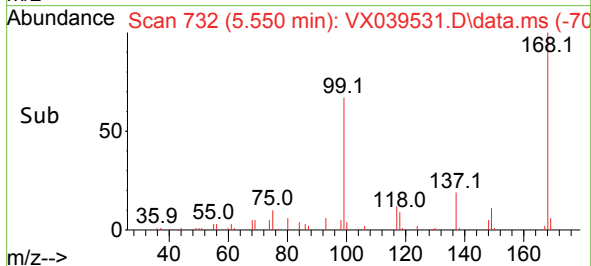
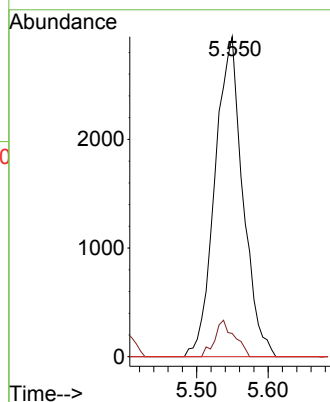
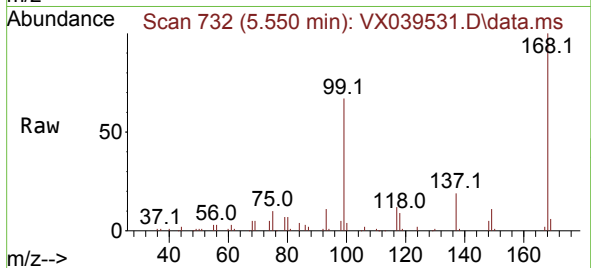




#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

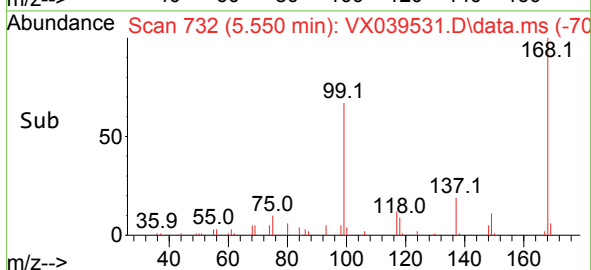
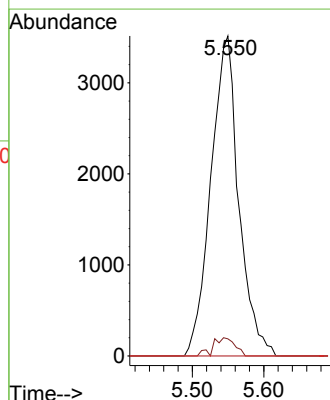
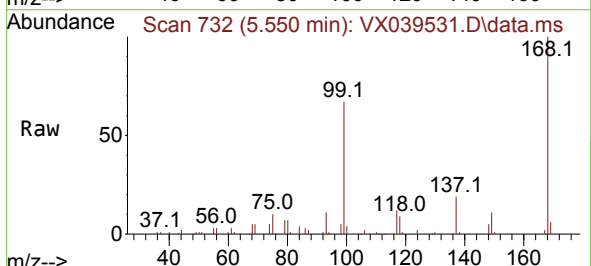
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

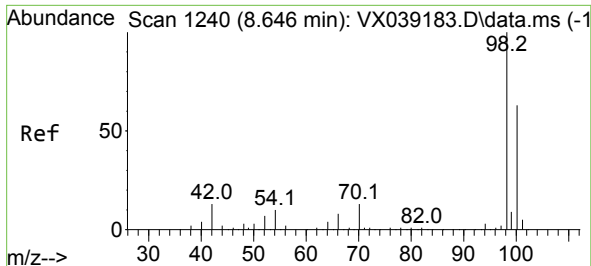
Tgt Ion: 75 Resp: 7982
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.148 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 117 Resp: 9529
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

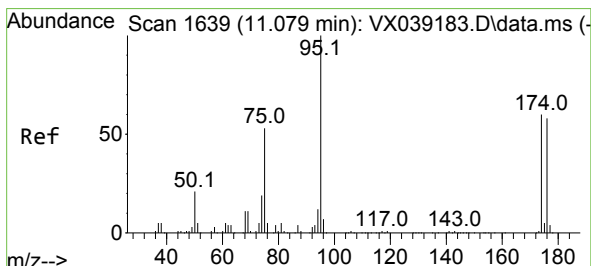
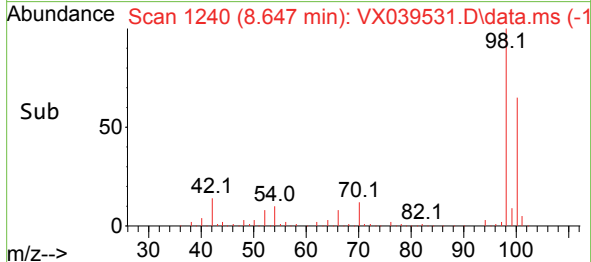
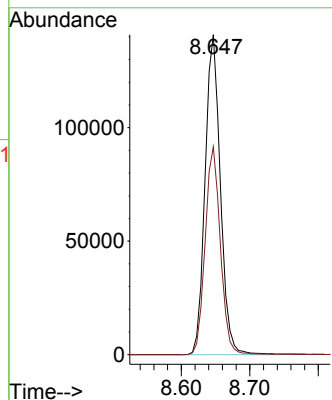
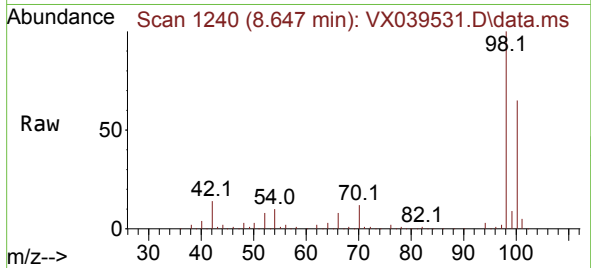




#50
Toluene-d8
Concen: 48.100 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

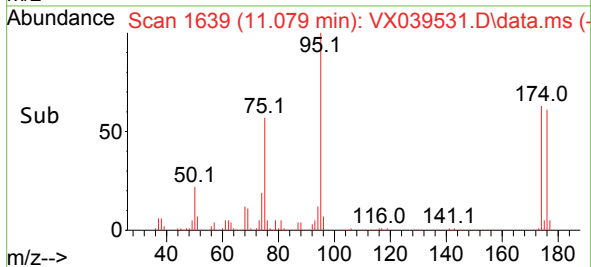
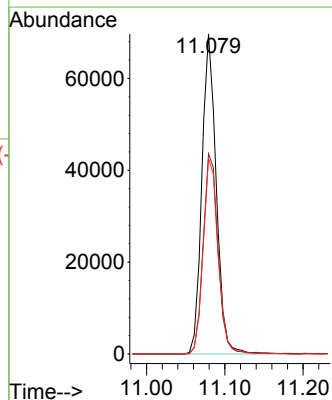
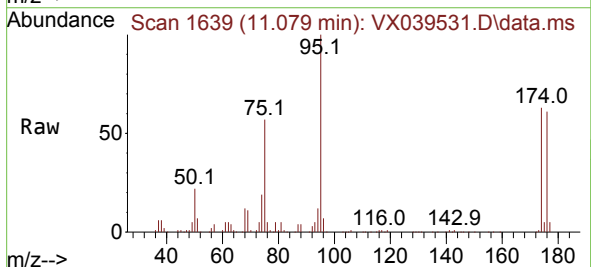
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

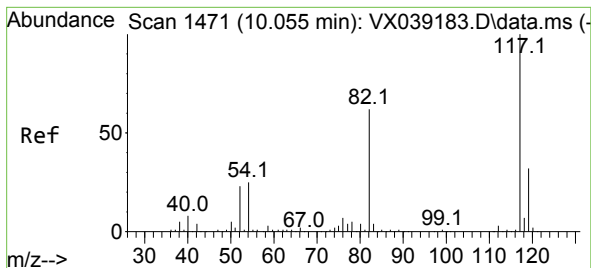
Tgt Ion: 98 Resp: 219477
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion: 95 Resp: 88702
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 63.3 0.0 131.0

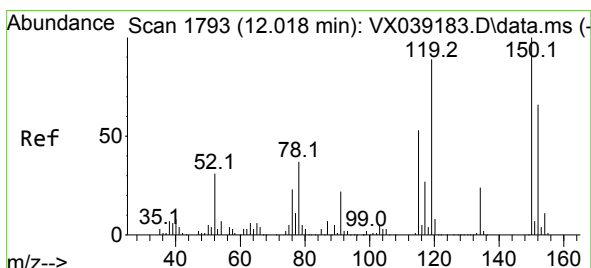
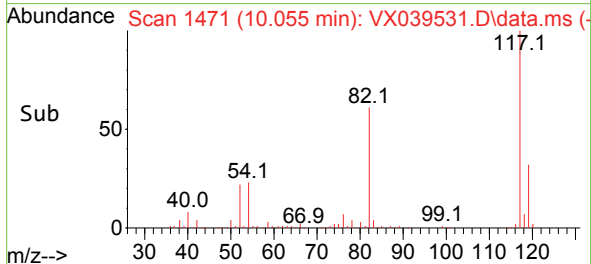
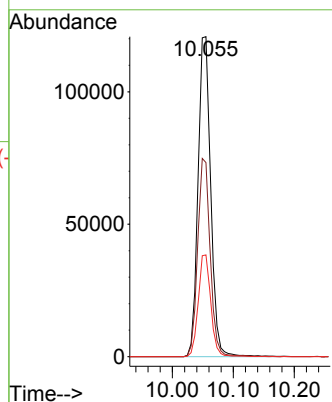
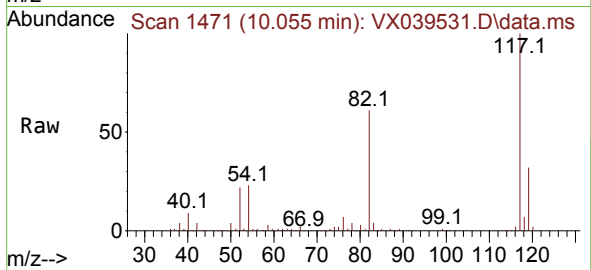




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

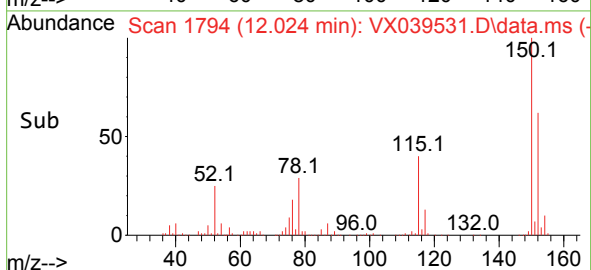
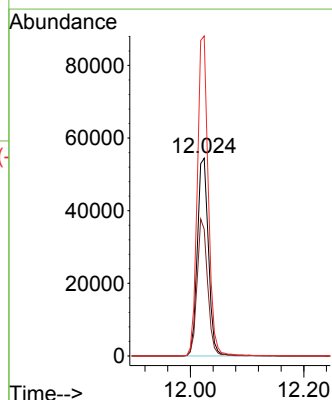
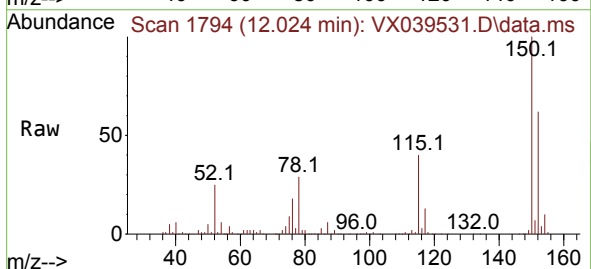
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

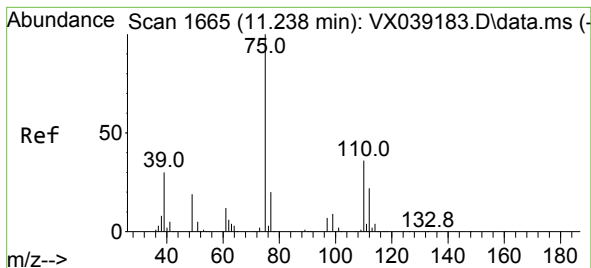
Tgt Ion:117 Resp: 174693
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion:152 Resp: 74167
Ion Ratio Lower Upper
152 100
115 65.7 43.3 129.9
150 158.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.875 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039531.D

Acq: 29 Dec 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

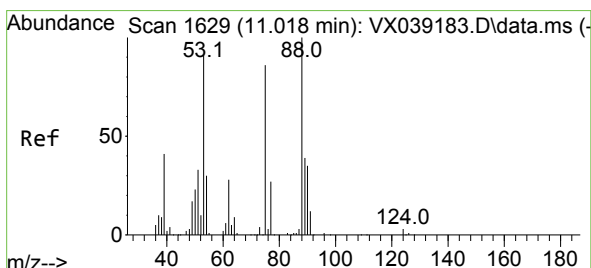
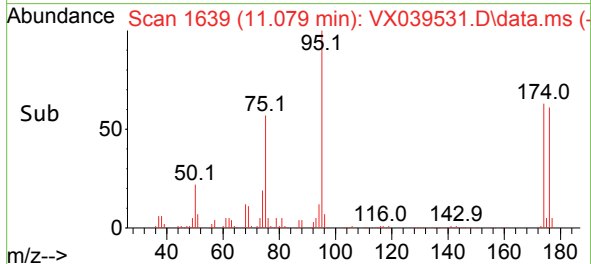
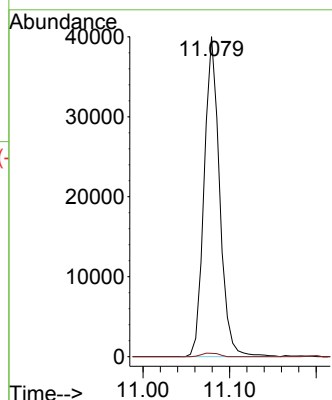
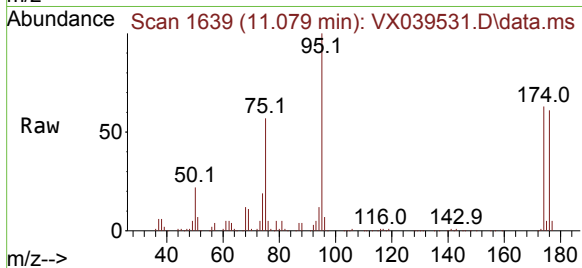
VX1229MBL01

Tgt Ion: 75 Resp: 49650

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.994 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039531.D

Acq: 29 Dec 2023 09:43

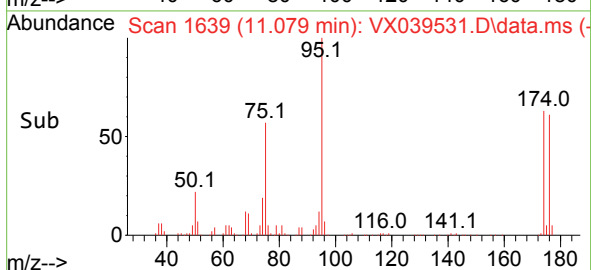
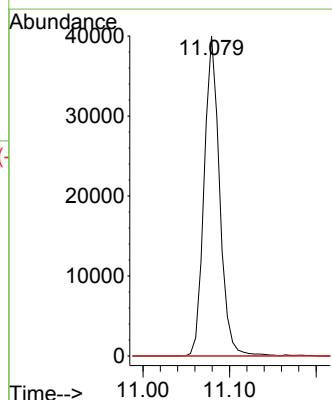
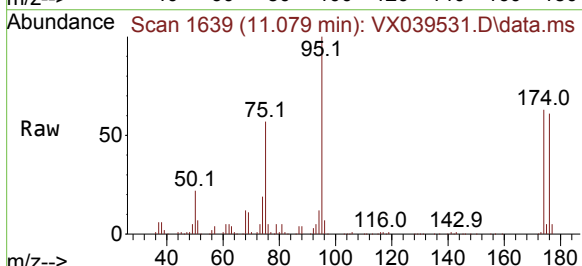
Tgt Ion: 75 Resp: 49650

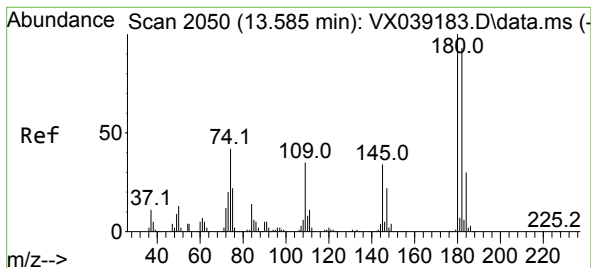
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

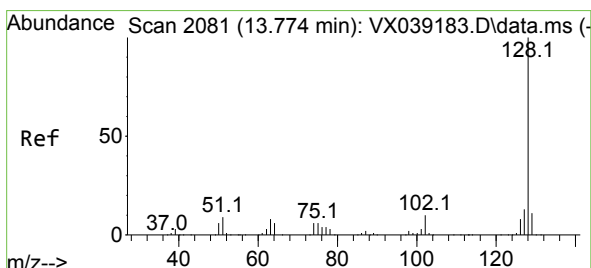
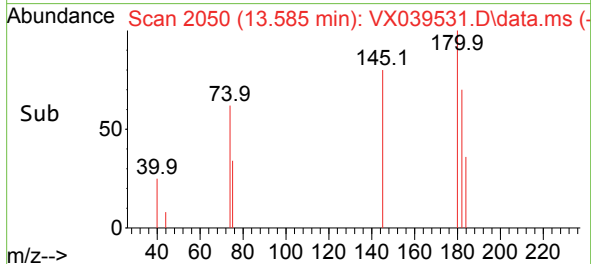
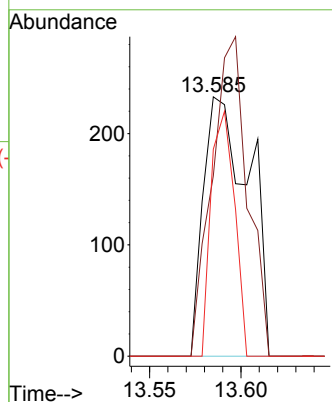
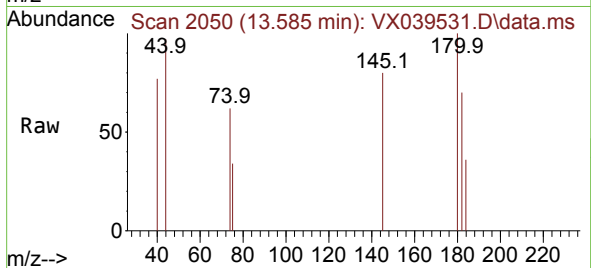




#93
1,2,4-Trichlorobenzene
Concen: 0.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

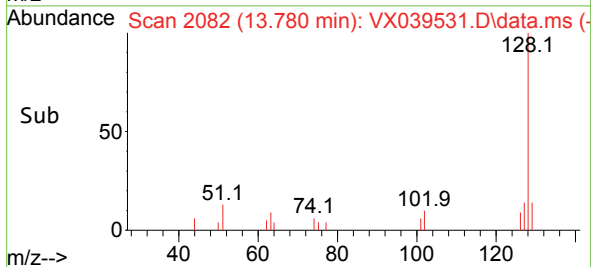
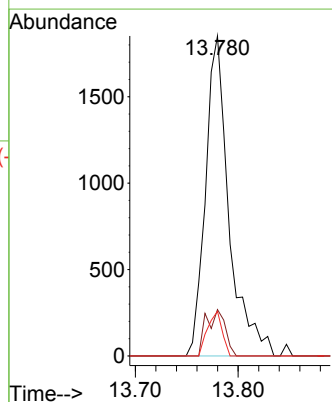
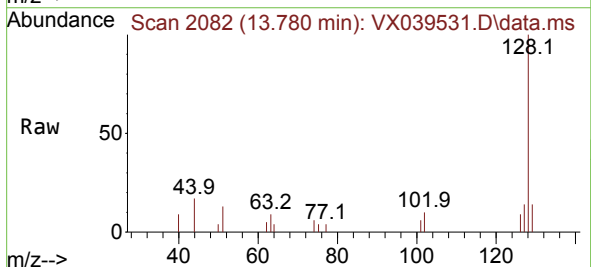
Instrument :
MSVOA_X
ClientSampleId :
VX1229MBL01

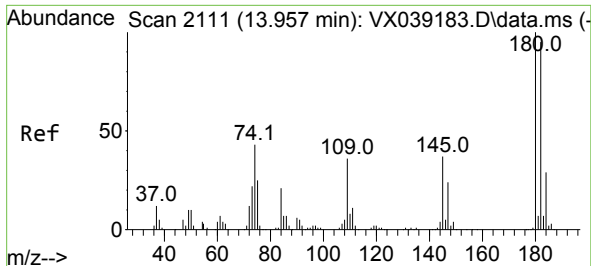
Tgt Ion:180 Resp: 403
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.8
145 48.9 18.0 54.0



#95
Naphthalene
Concen: 0.543 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039531.D
Acq: 29 Dec 2023 09:43

Tgt Ion:128 Resp: 2947
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 8.7 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.366 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039531.D

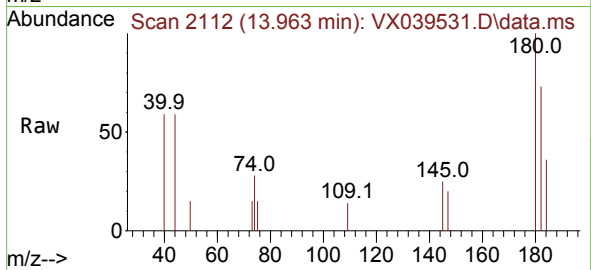
Acq: 29 Dec 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX1229MBL01



Tgt Ion:180 Resp: 551

Ion Ratio Lower Upper

180 100

182 83.8 46.9 140.6

145 22.5 17.8 53.5

