

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039001.D
 Acq On : 22 Nov 2023 14:32
 Operator : JC/MD
 Sample : VX1122MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 23 01:32:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

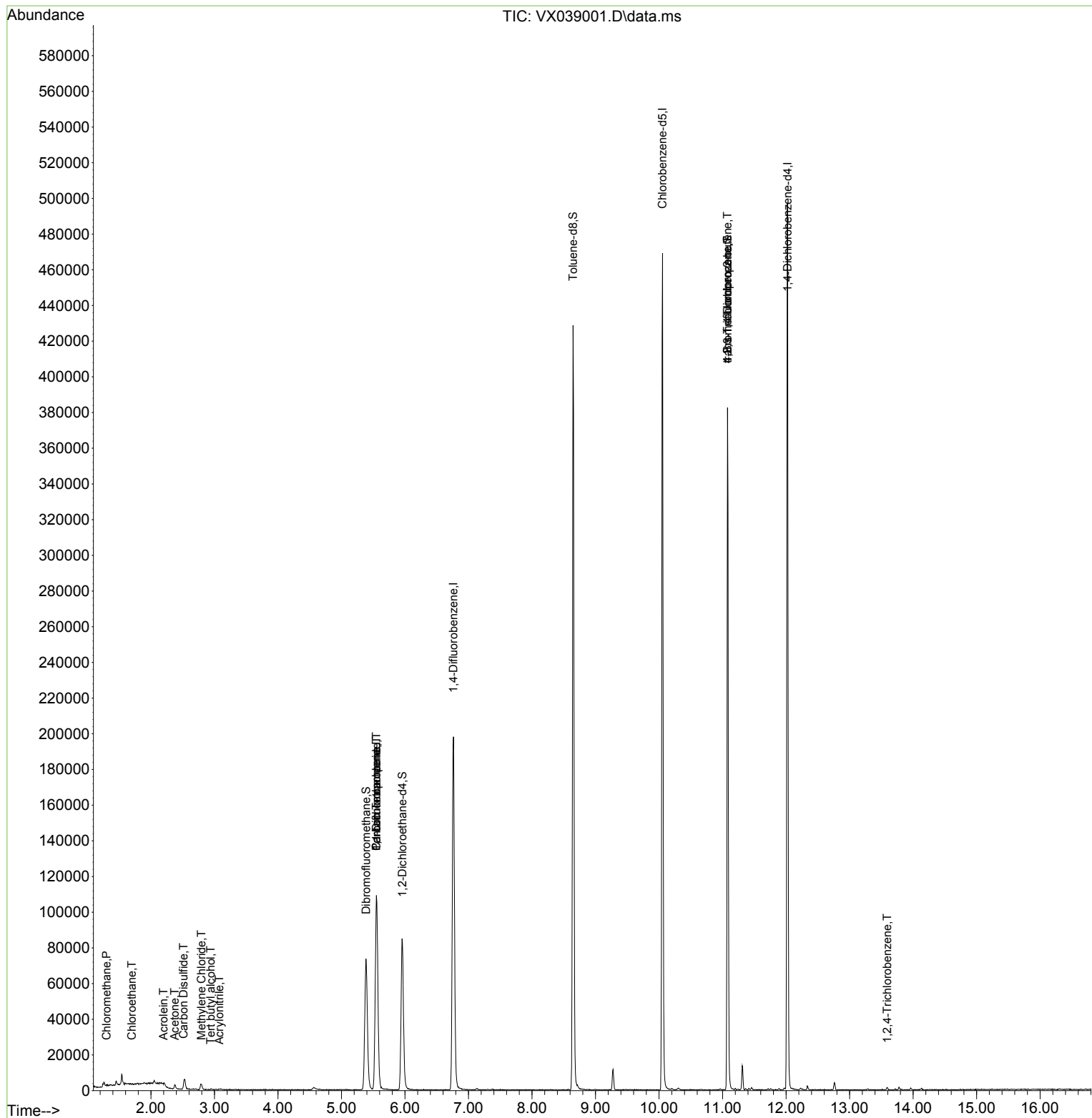
Internal Standards						
1) Pentafluorobenzene	5.550	168	96109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79902	51.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.180%	
35) Dibromofluoromethane	5.385	113	63685	44.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.680%	
50) Toluene-d8	8.647	98	252972	46.037	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.080%	
62) 4-Bromofluorobenzene	11.079	95	105539	47.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	627	0.428	ug/l	96
6) Chloroethane	1.697	64	220	0.273	ug/l #	43
11) Tert butyl alcohol	2.940	59	193	0.448	ug/l #	78
13) Acrolein	2.197	56	161	0.707	ug/l #	1
15) Acrylonitrile	3.075	53	223	0.245	ug/l #	72
16) Acetone	2.373	43	2752	3.338	ug/l	94
17) Carbon Disulfide	2.514	76	1371	0.369	ug/l #	76
20) Methylene Chloride	2.794	84	1658	1.116	ug/l	93
36) 1,1-Dichloropropene	5.550	75	9621	4.674	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11073	5.820	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	57044	22.642	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57044	50.222	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	561	0.255	ug/l #	82

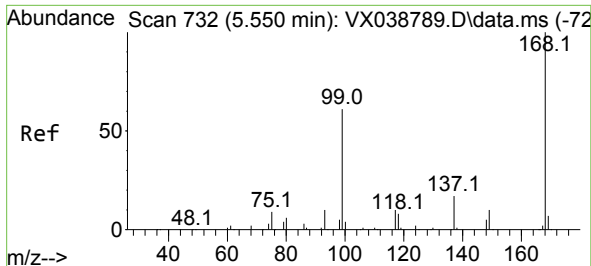
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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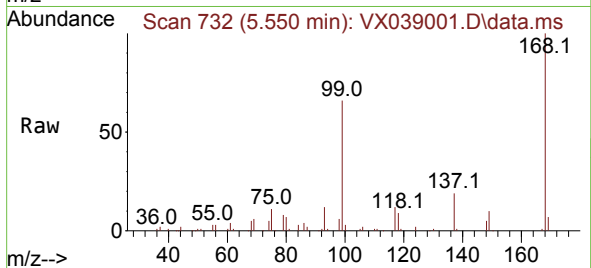
Quant Time: Nov 23 01:32:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



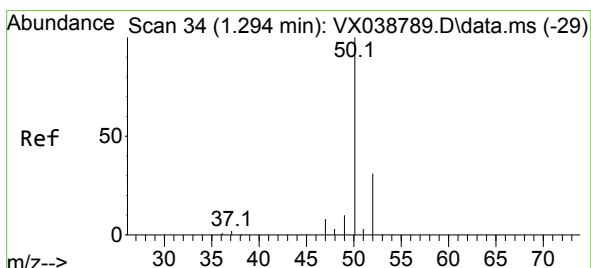
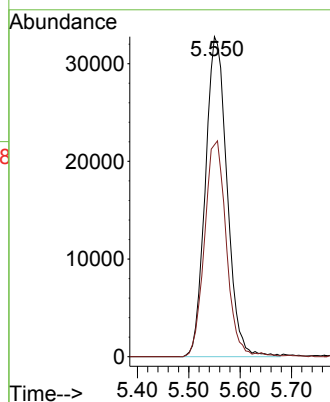
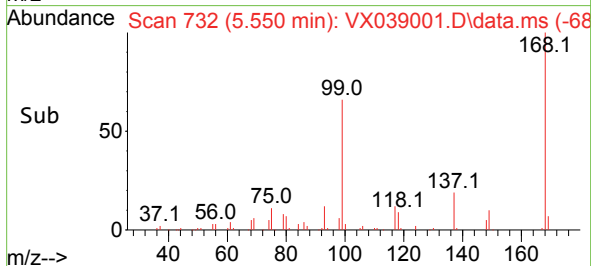


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :

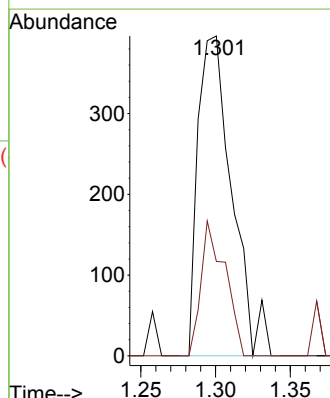
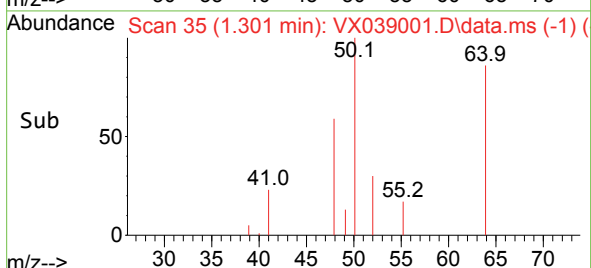
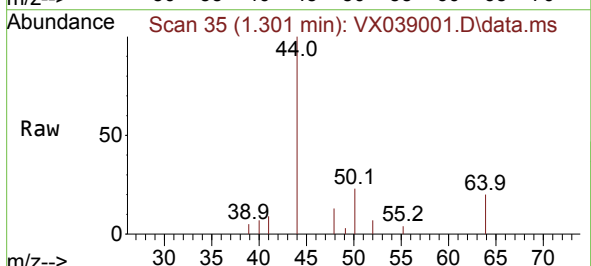


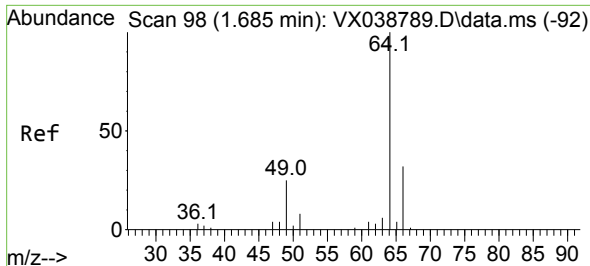
Tgt Ion:168 Resp: 96109
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#3
Chloromethane
Concen: 0.428 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 29.5 25.5 38.3

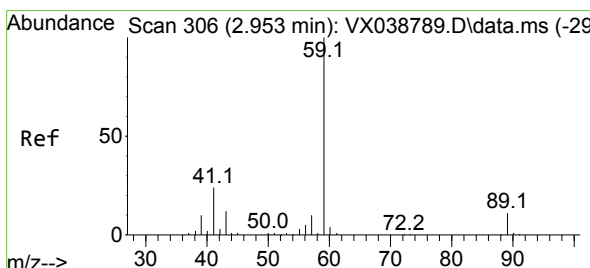
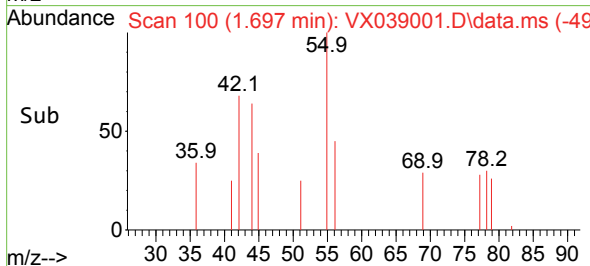
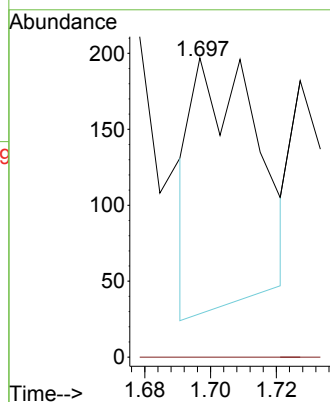
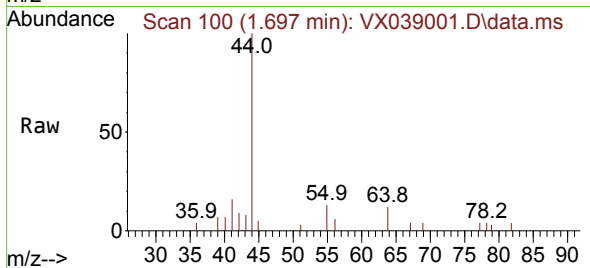




#6
Chloroethane
Concen: 0.273 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

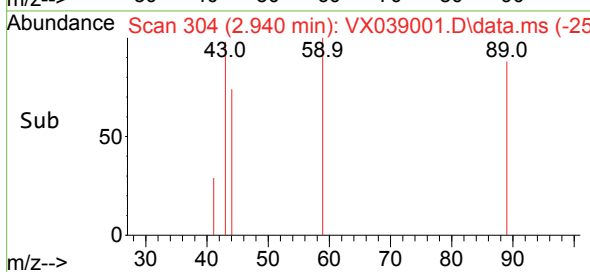
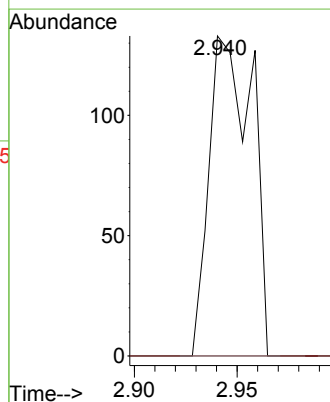
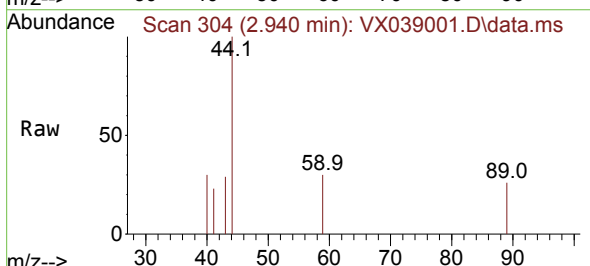
Instrument :
MSVOA_X
ClientSampleId :

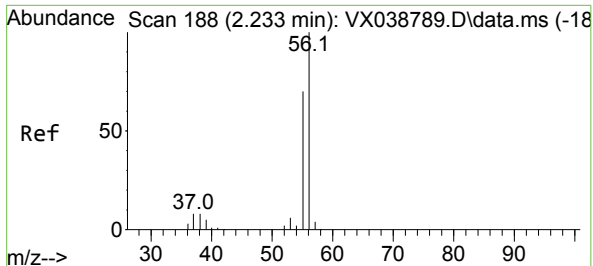
Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

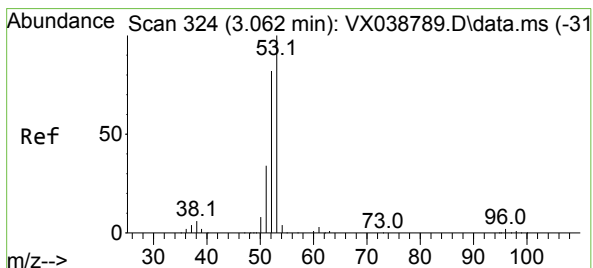
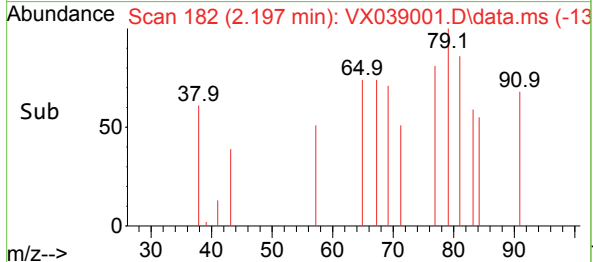
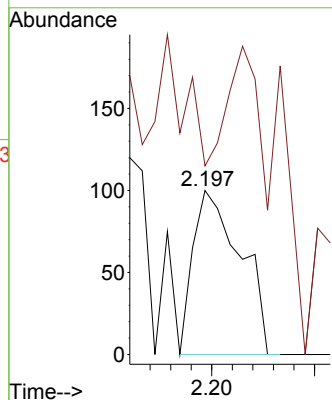
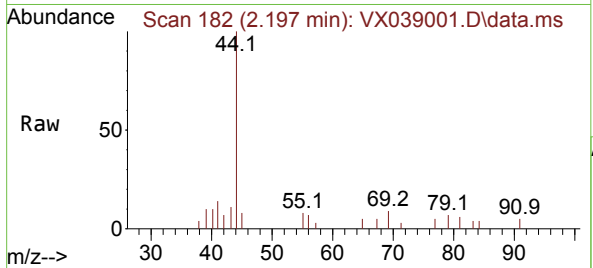




#13
Acrolein
Concen: 0.707 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

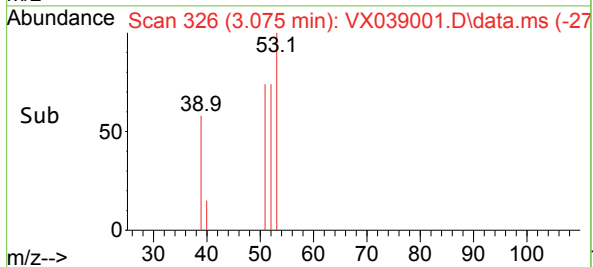
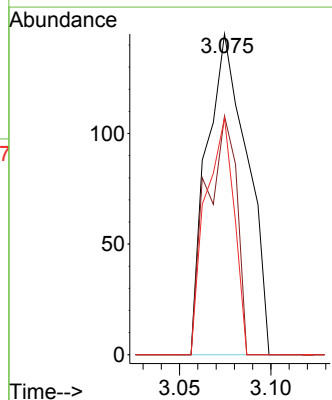
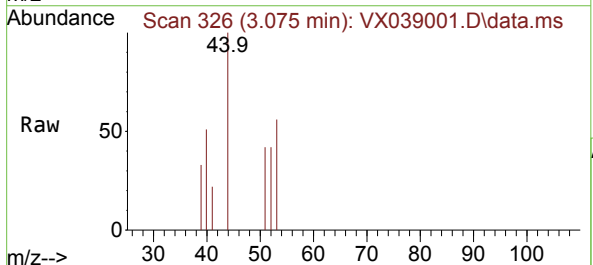
Instrument :
MSVOA_X
ClientSampleId :

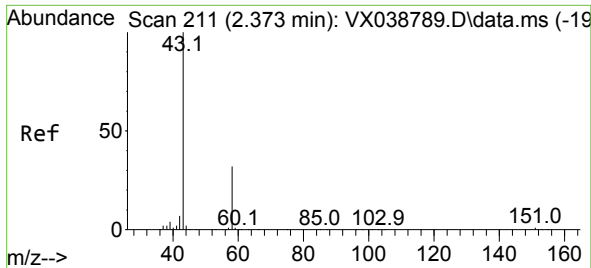
Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 197.5 57.1 85.7#



#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion: 53 Resp: 223
Ion Ratio Lower Upper
53 100
52 56.1 66.0 99.0#
51 52.0 29.8 44.6#





#16

Acetone

Concen: 3.338 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

Instrument :

MSVOA_X

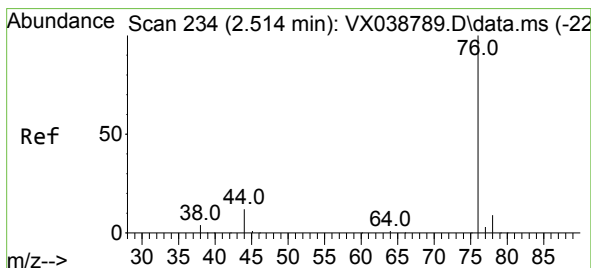
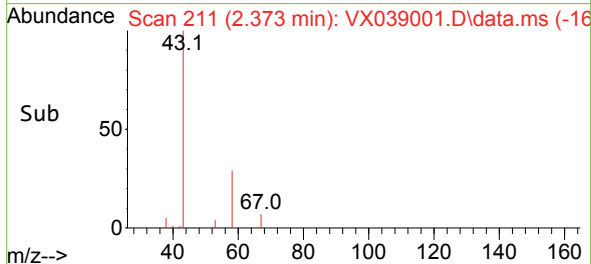
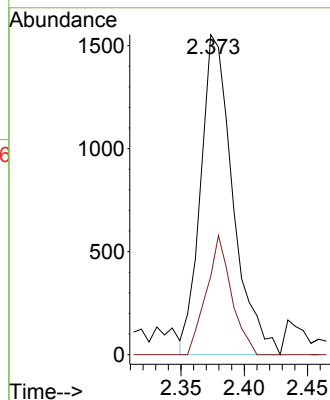
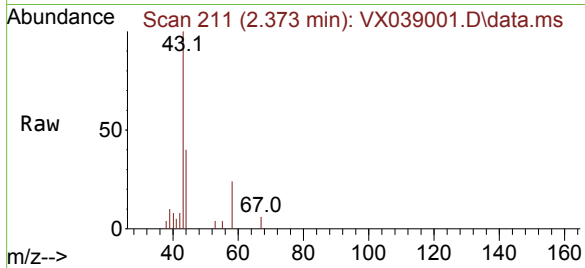
ClientSampleId :

Tgt Ion: 43 Resp: 2752

Ion Ratio Lower Upper

43 100

58 24.5 21.9 32.9



#17

Carbon Disulfide

Concen: 0.369 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039001.D

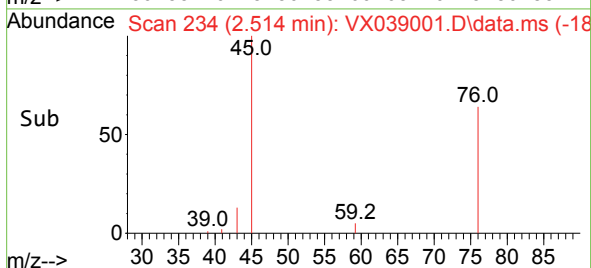
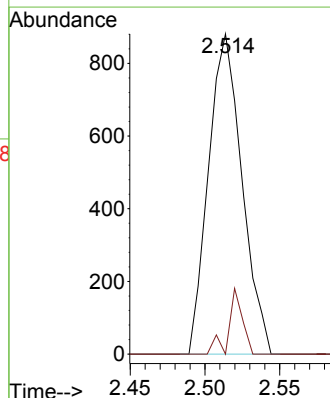
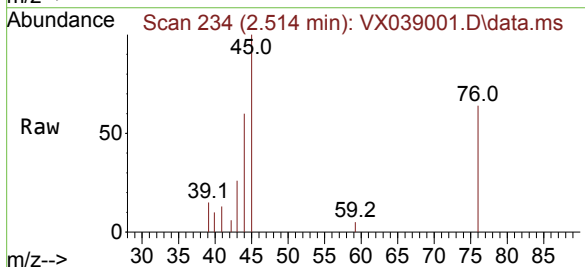
Acq: 22 Nov 2023 14:32

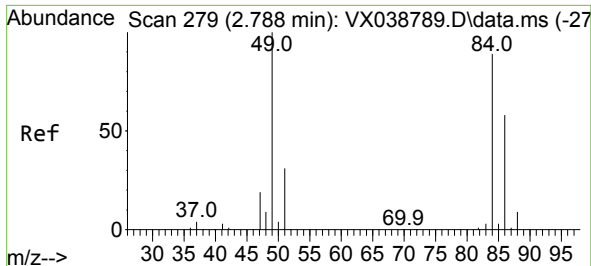
Tgt Ion: 76 Resp: 1371

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 1.116 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

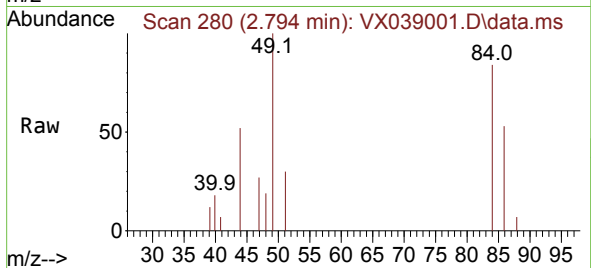
Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1658

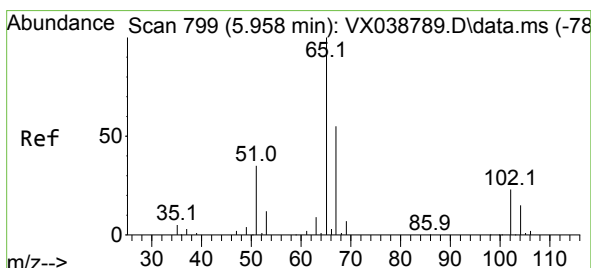
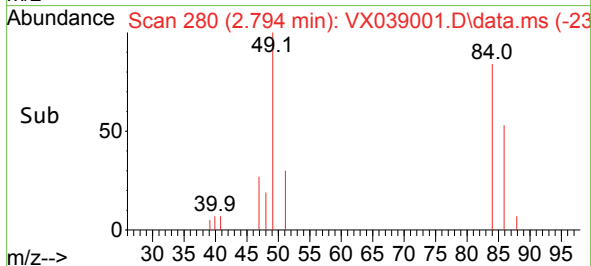
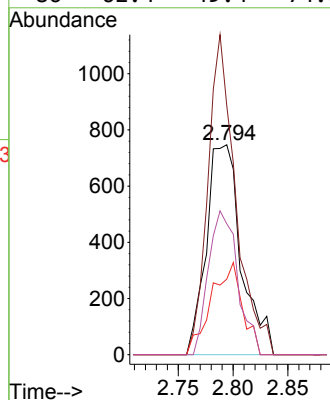
Ion Ratio Lower Upper

84 100

49 118.7 103.6 155.4

51 36.0 33.8 50.6

86 62.4 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 51.595 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX039001.D

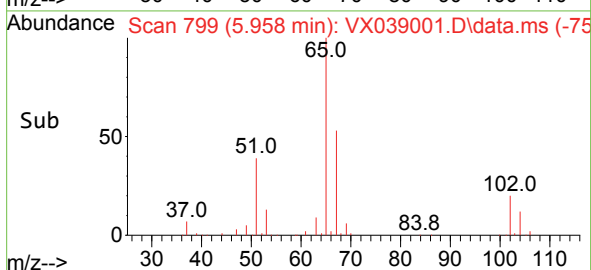
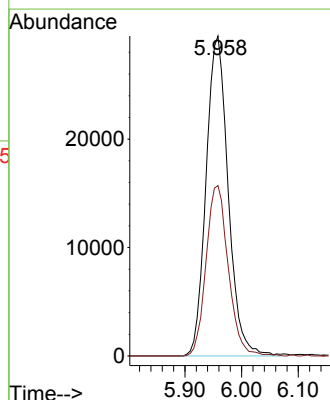
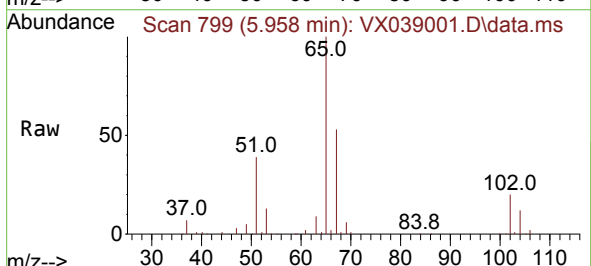
Acq: 22 Nov 2023 14:32

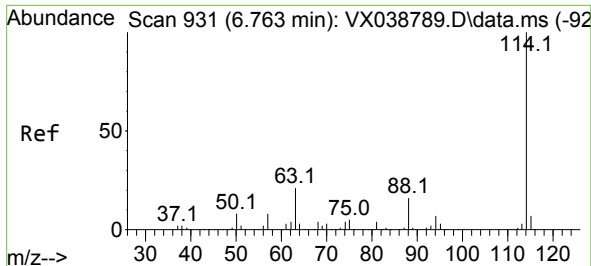
Tgt Ion: 65 Resp: 79902

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2

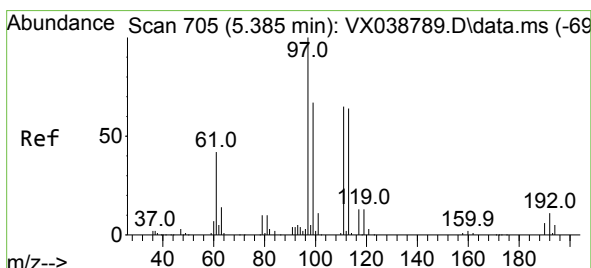
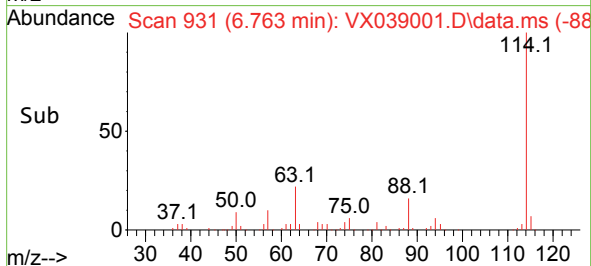
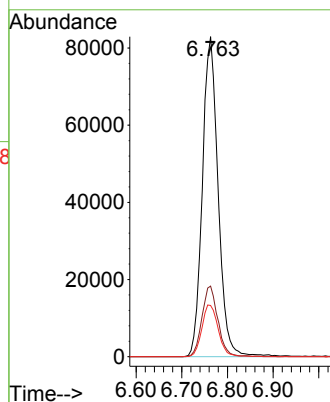
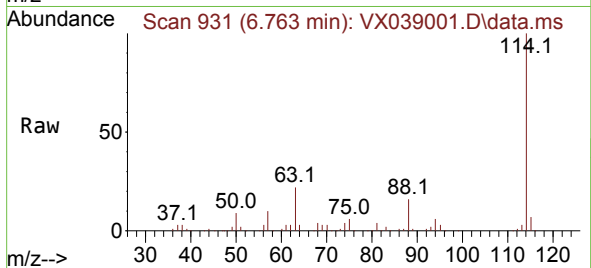




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

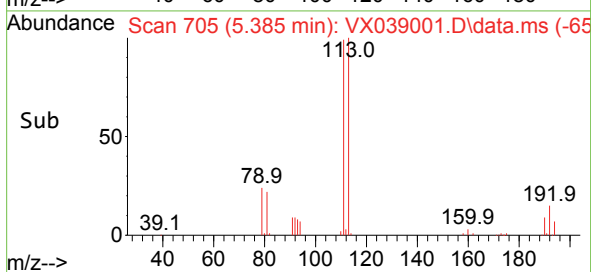
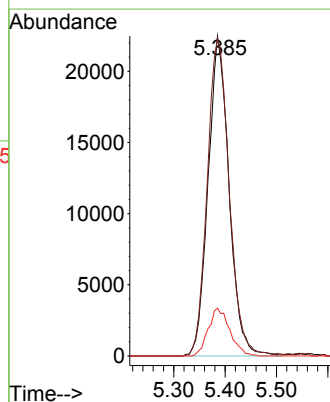
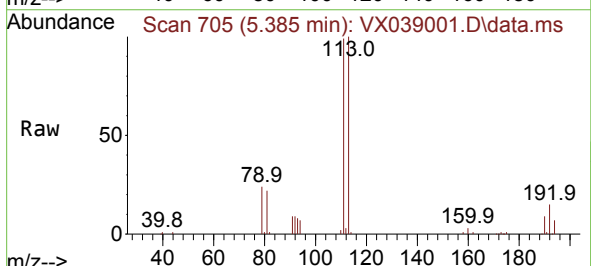
Instrument :
MSVOA_X
ClientSampleId :

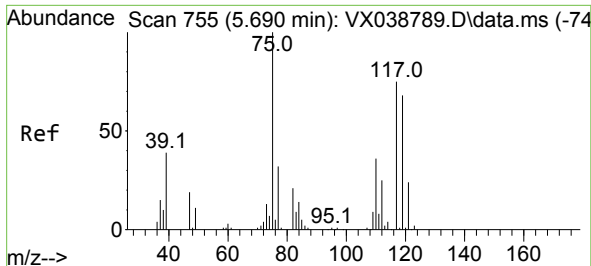
Tgt Ion:114 Resp: 198859
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.342 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion:113 Resp: 63685
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 15.4 13.3 19.9

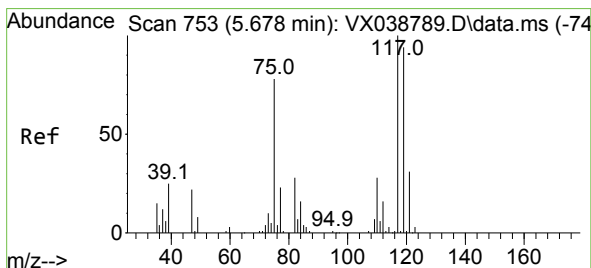
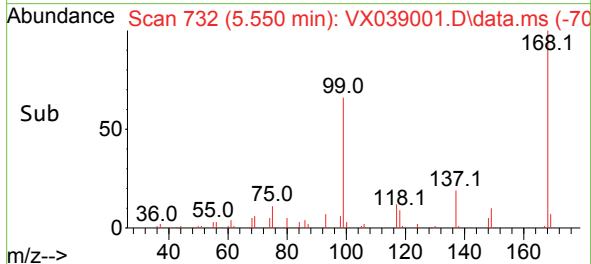
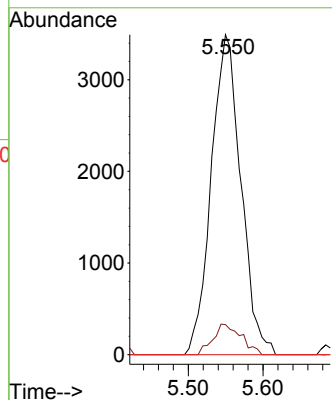
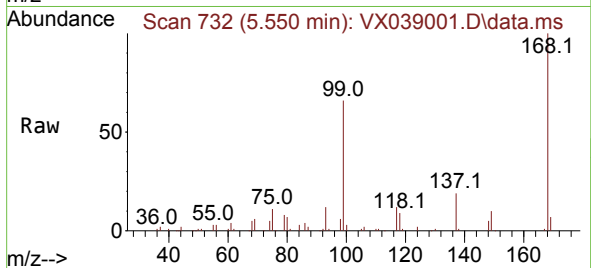




#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

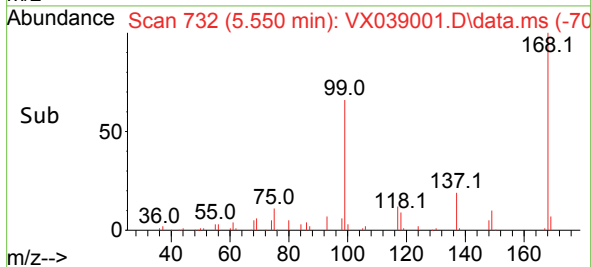
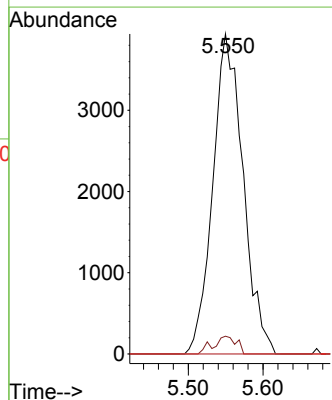
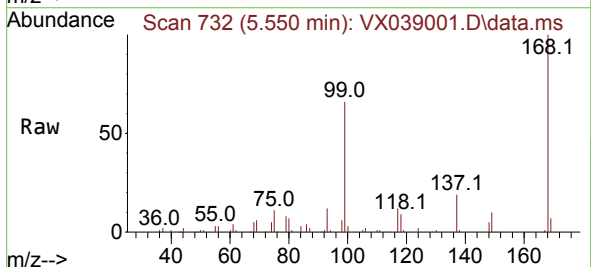
Instrument :
MSVOA_X
ClientSampleId :

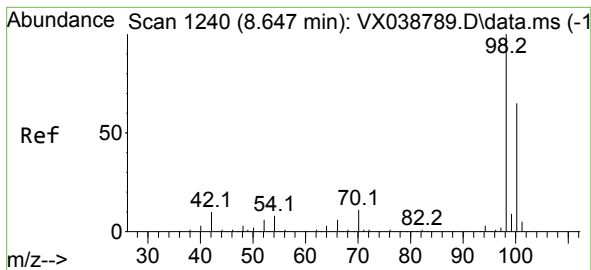
Tgt Ion: 75 Resp: 9621
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion: 117 Resp: 11073
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.037 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

Instrument :

MSVOA_X

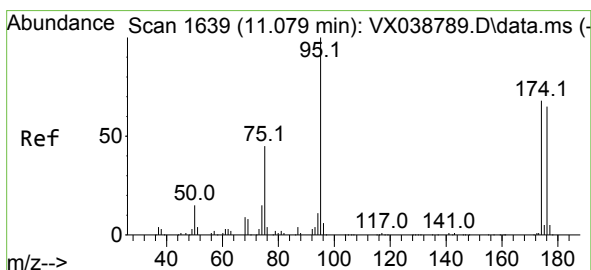
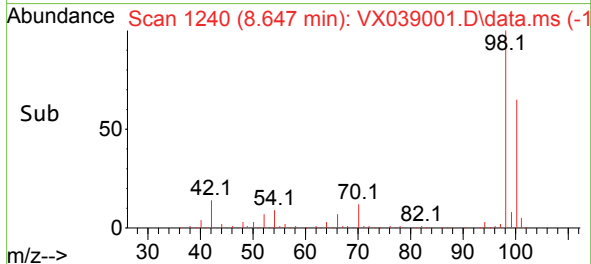
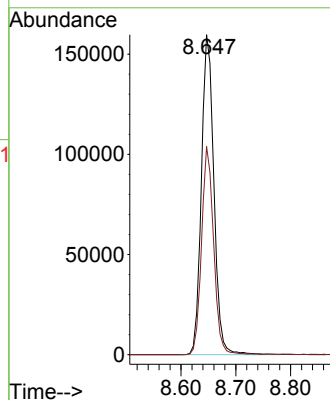
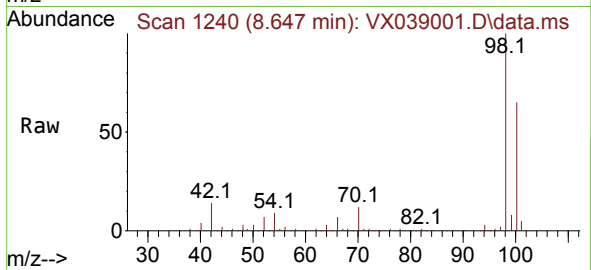
ClientSampleId :

Tgt Ion: 98 Resp: 252972

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.979 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

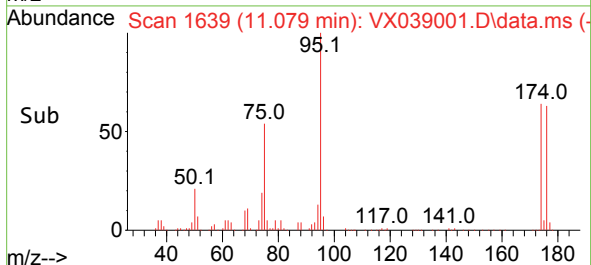
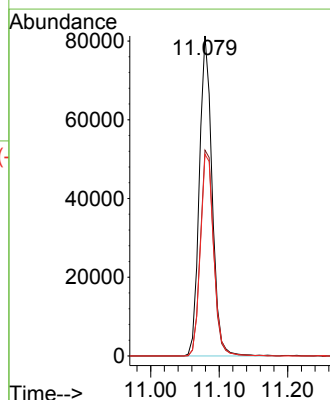
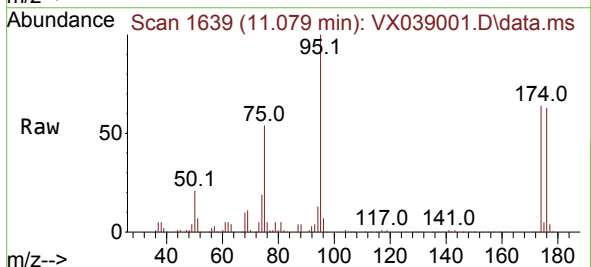
Tgt Ion: 95 Resp: 105539

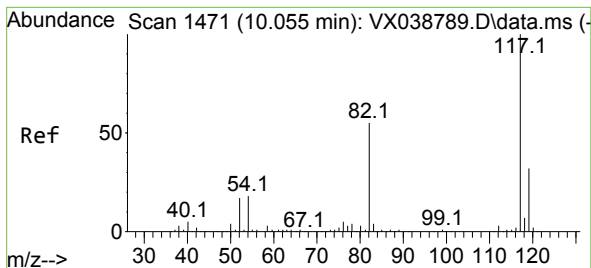
Ion Ratio Lower Upper

95 100

174 66.5 0.0 135.6

176 65.8 0.0 131.0

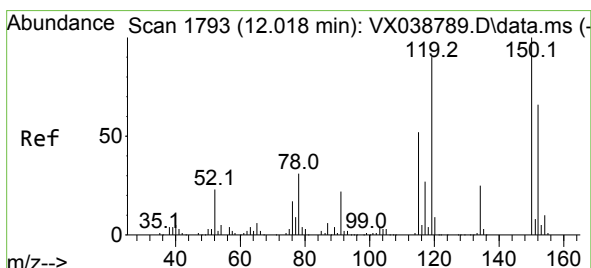
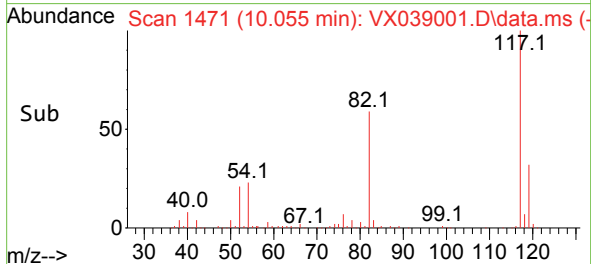
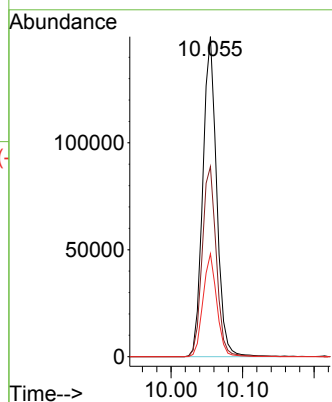
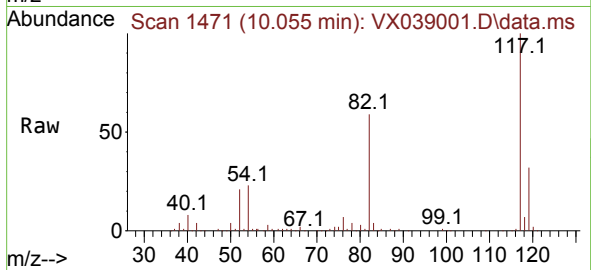




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

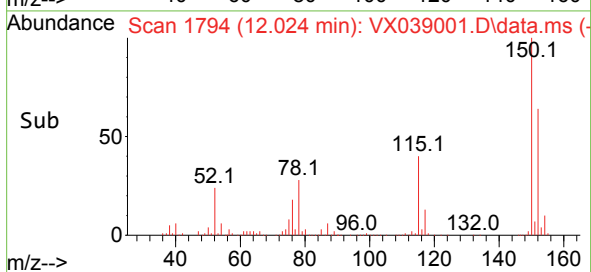
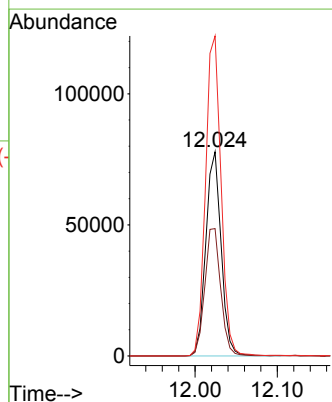
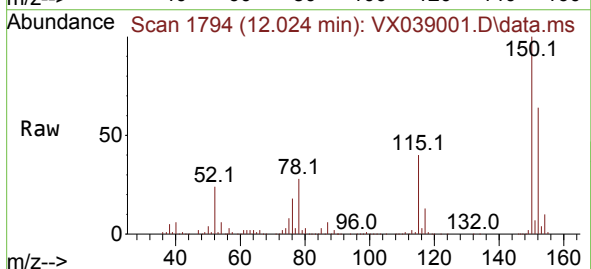
Instrument :
MSVOA_X
ClientSampleId :

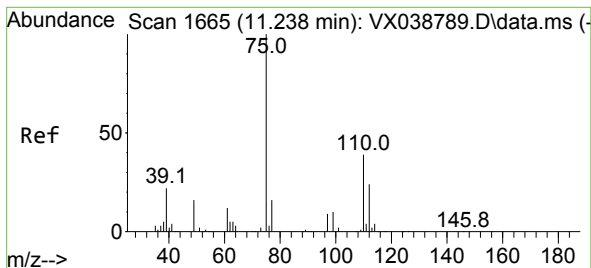
Tgt Ion:117 Resp: 201532
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039001.D
Acq: 22 Nov 2023 14:32

Tgt Ion:152 Resp: 100979
Ion Ratio Lower Upper
152 100
115 65.1 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.642 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

Instrument :

MSVOA_X

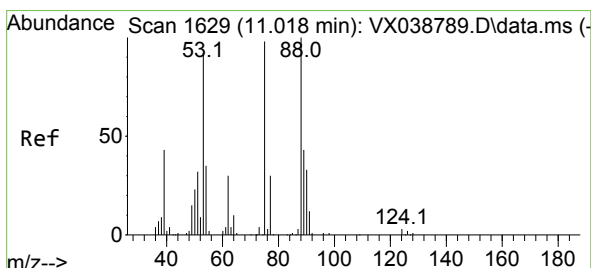
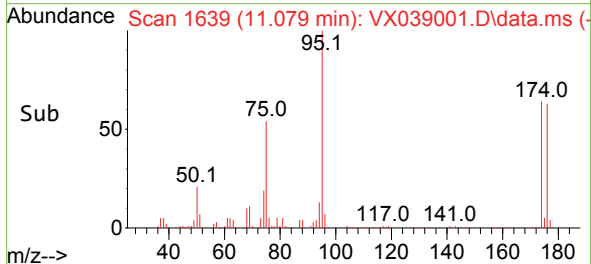
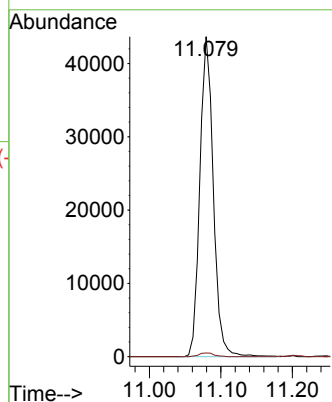
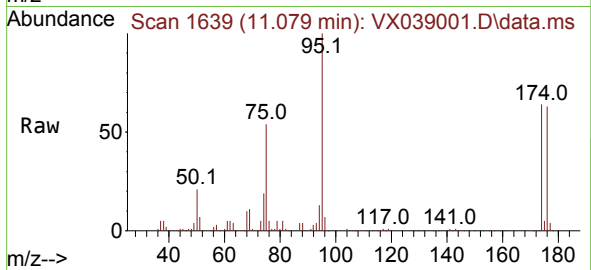
ClientSampleId :

Tgt Ion: 75 Resp: 57044

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.222 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

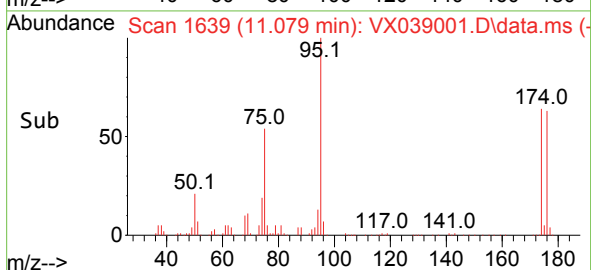
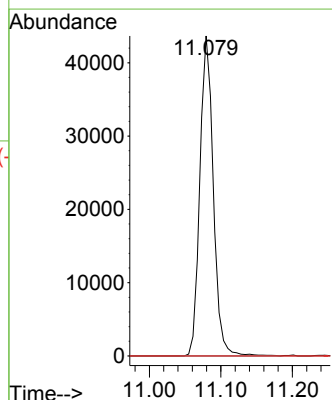
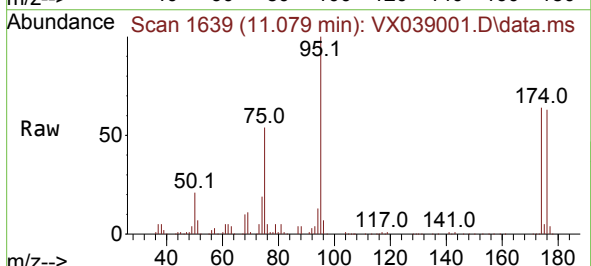
Tgt Ion: 75 Resp: 57044

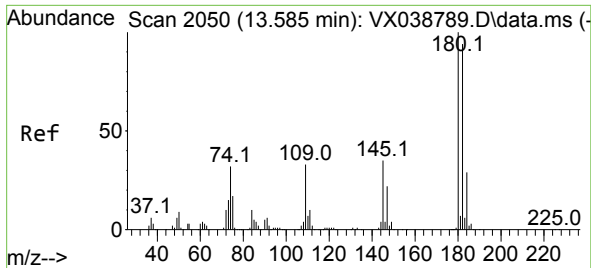
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.255 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

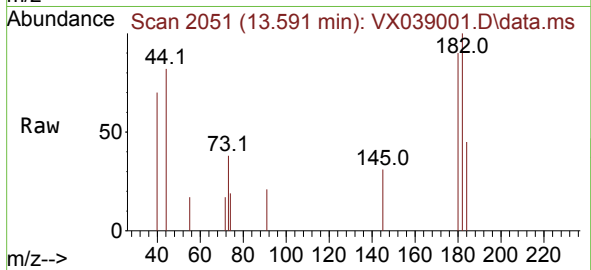
Lab File: VX039001.D

Acq: 22 Nov 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 561

Ion Ratio Lower Upper

180 100

182 84.0 48.3 144.8

145 17.5 18.0 54.0#

