

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034347.D
 Acq On : 06 Mar 2023 14:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 00:38:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

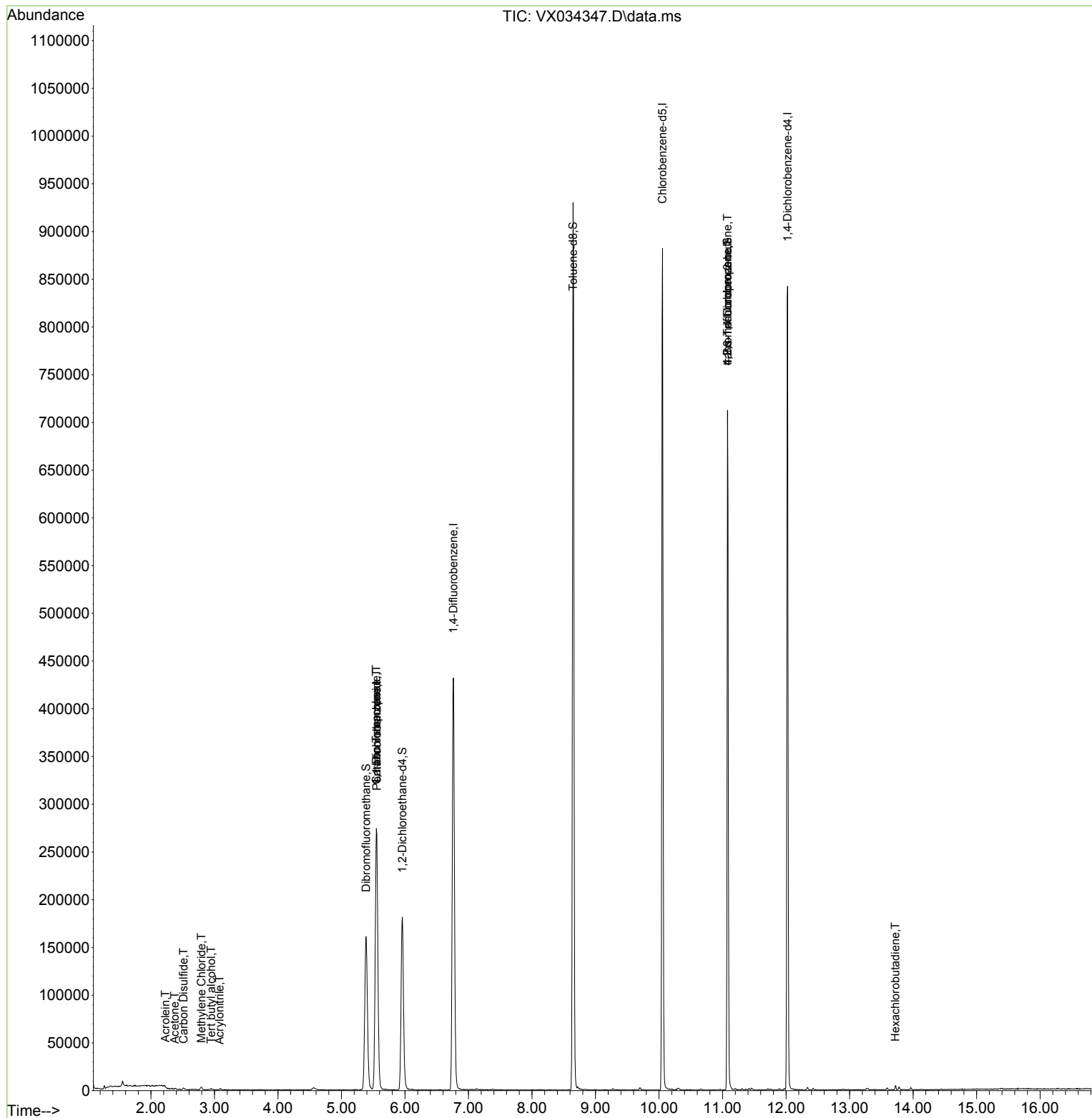
Internal Standards						
1) Pentafluorobenzene	5.556	168	270768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167463	45.923	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.385	113	141745	48.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.647	98	548228	51.752	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	186941	46.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	291	Below Cal		90
11) Tert butyl alcohol	2.946	59	770	0.944	ug/l #	86
13) Acrolein	2.227	56	350	0.940	ug/l	99
15) Acrylonitrile	3.081	53	497	0.279	ug/l #	73
16) Acetone	2.373	43	1214	0.645	ug/l	98
17) Carbon Disulfide	2.514	76	2065	0.245	ug/l	99
20) Methylene Chloride	2.794	84	1398	0.412	ug/l #	87
36) 1,1-Dichloropropene	5.550	75	20719	4.748	ug/l #	48
38) Carbon Tetrachloride	5.550	117	25941	5.777	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	94457	21.029	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94457	54.021	ug/l #	8
94) Hexachlorobutadiene	13.719	225	683	0.427	ug/l	88

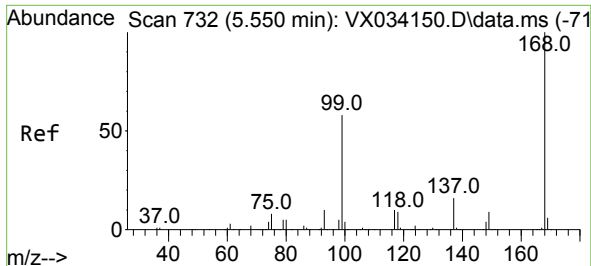
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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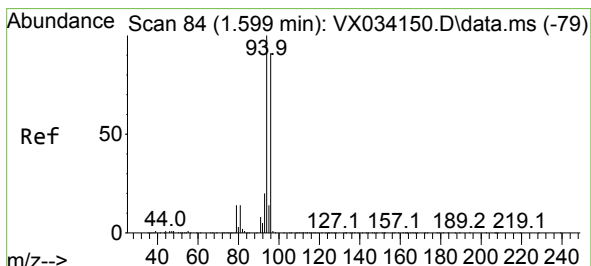
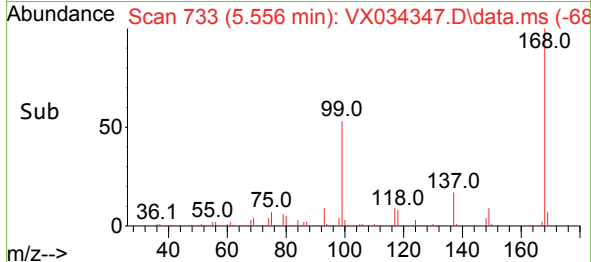
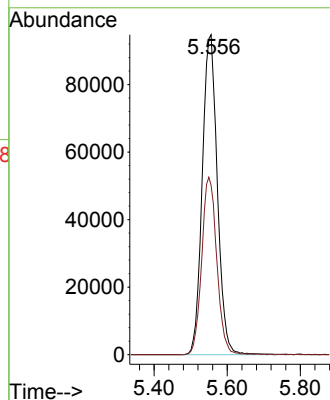
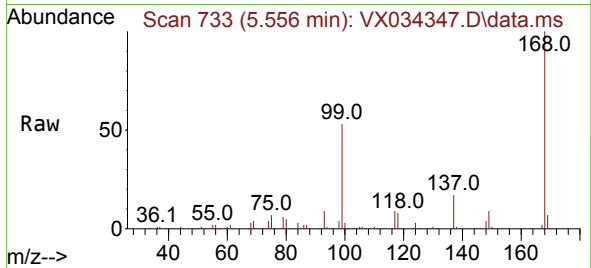




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

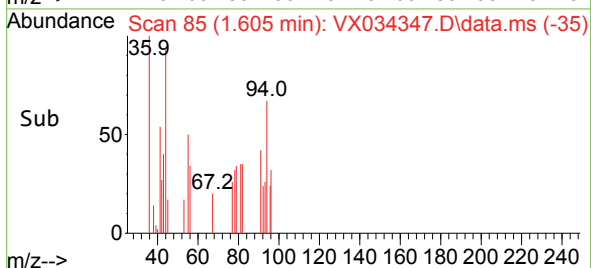
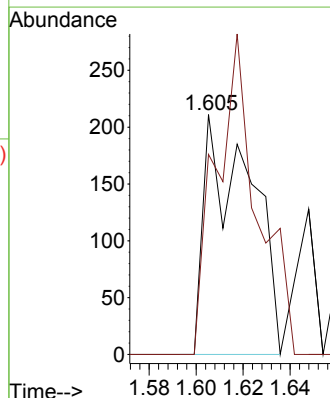
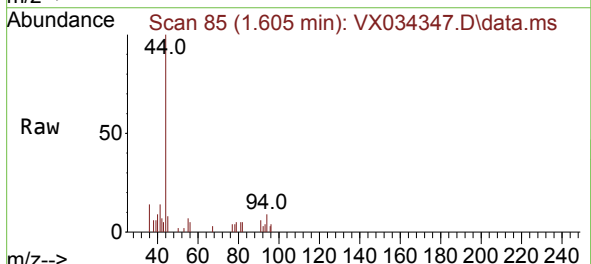
Instrument :
MSVOA_X
ClientSampleId :
IBLK

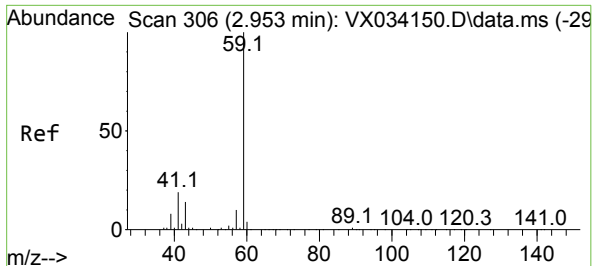
Tgt Ion:168 Resp: 270768
Ion Ratio Lower Upper
168 100
99 53.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 83.4 74.3 111.5





#11

Tert butyl alcohol

Concen: 0.944 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034347.D

Acq: 06 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

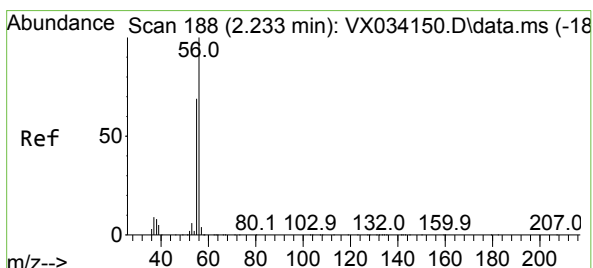
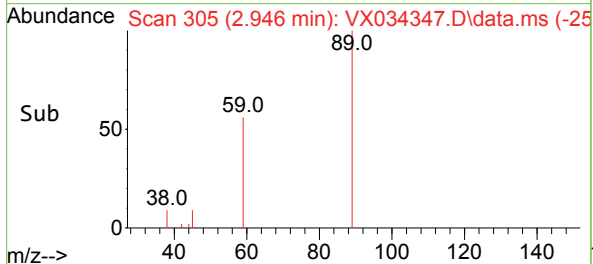
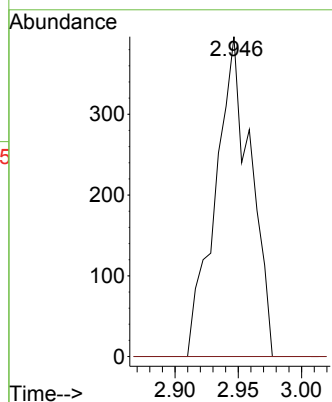
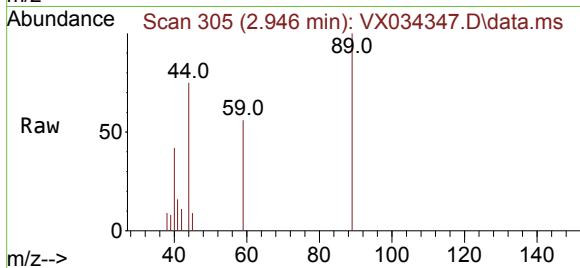
IBLK

Tgt Ion: 59 Resp: 770

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.940 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034347.D

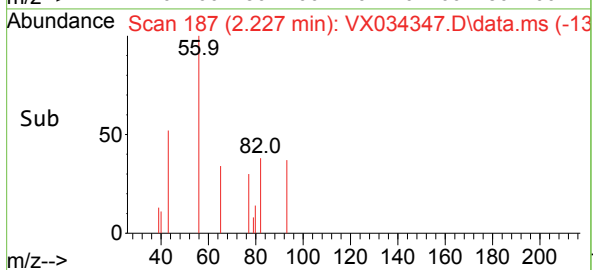
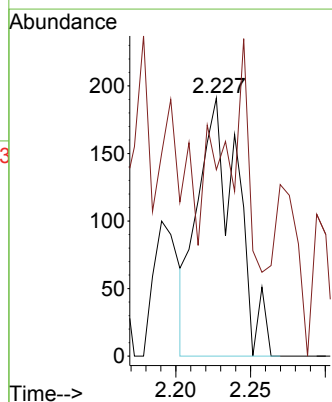
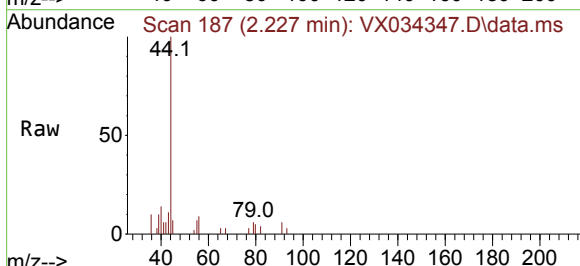
Acq: 06 Mar 2023 14:13

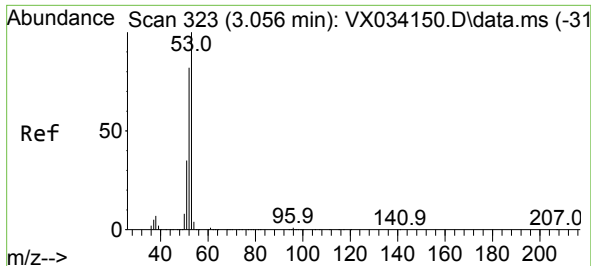
Tgt Ion: 56 Resp: 350

Ion Ratio Lower Upper

56 100

55 71.1 56.3 84.5

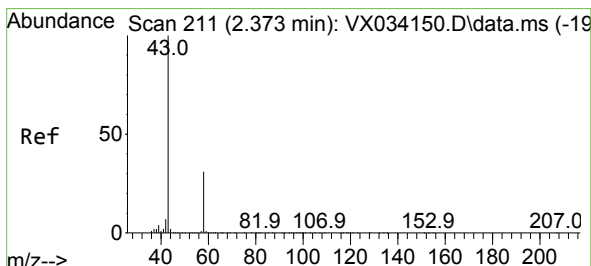
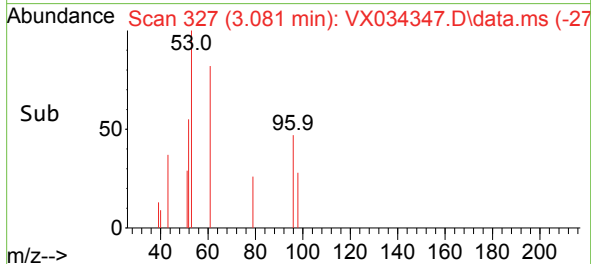
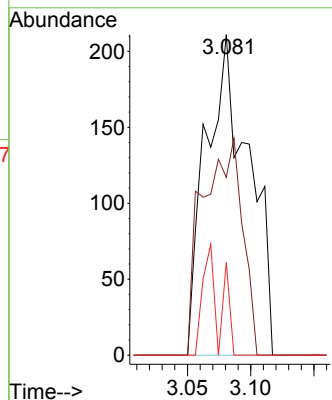
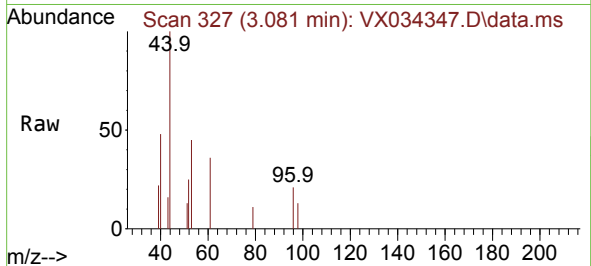




#15
Acrylonitrile
Concen: 0.279 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

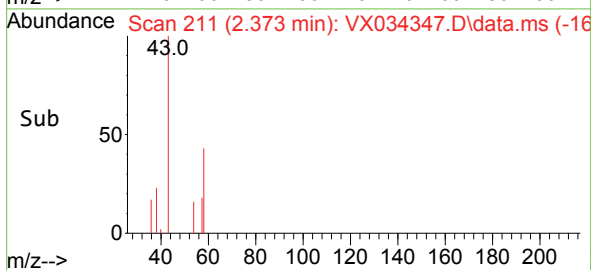
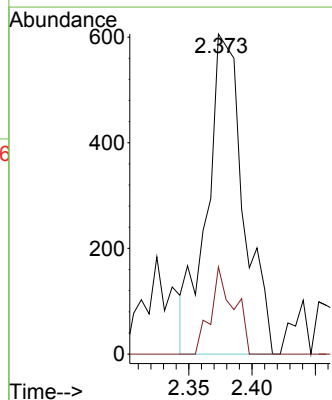
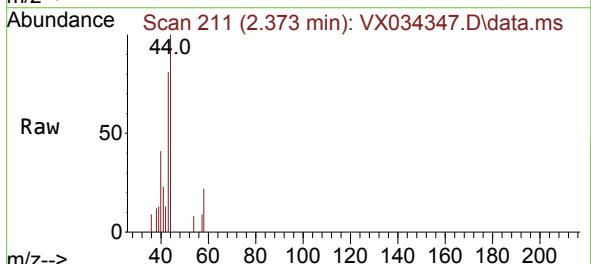
Instrument :
MSVOA_X
ClientSampleId :
IBLK

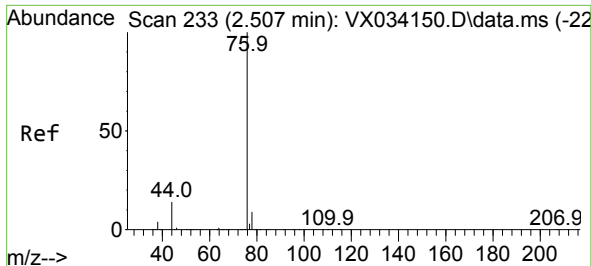
Tgt Ion: 53 Resp: 497
Ion Ratio Lower Upper
53 100
52 62.6 65.7 98.5#
51 13.5 29.0 43.4#



#16
Acetone
Concen: 0.645 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8

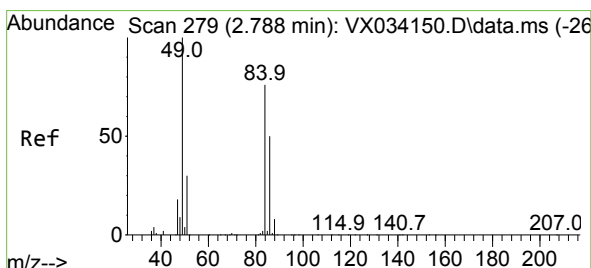
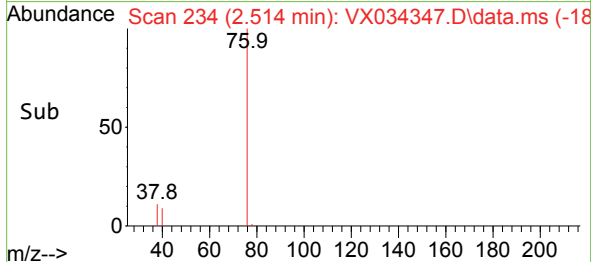
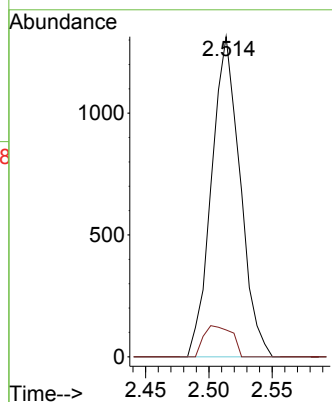
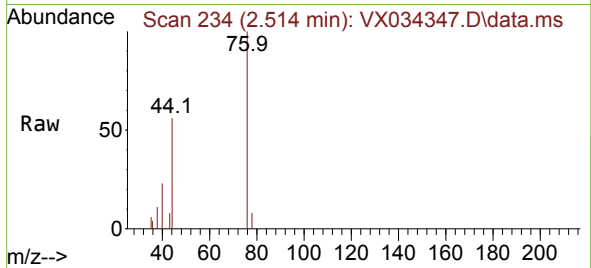




#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

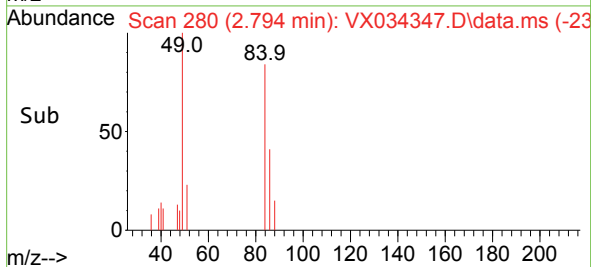
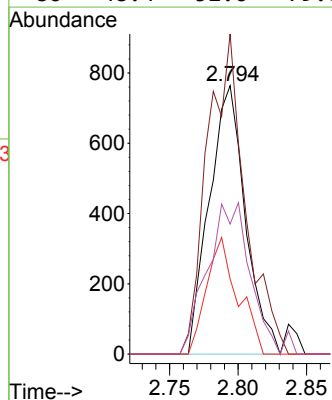
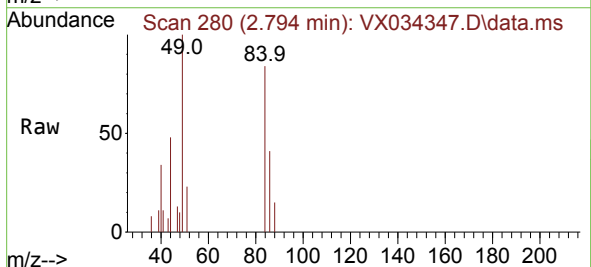
Instrument :
MSVOA_X
ClientSampleId :
IBLK

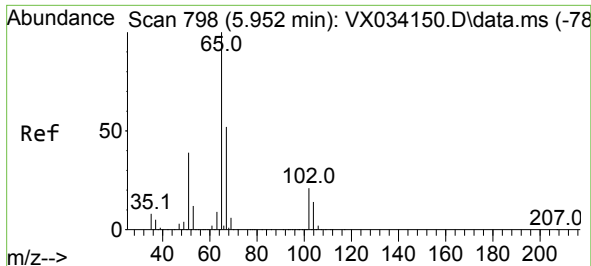
Tgt Ion: 76 Resp: 2065
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 84 Resp: 1398
Ion Ratio Lower Upper
84 100
49 119.2 101.1 151.7
51 28.0 31.0 46.6#
86 48.4 52.6 79.0#

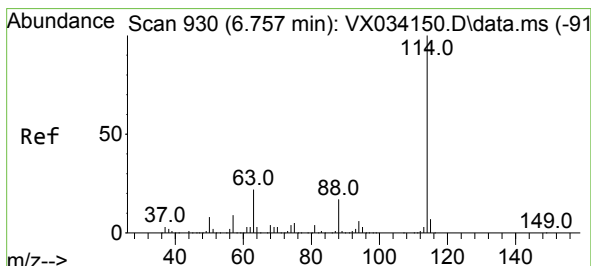
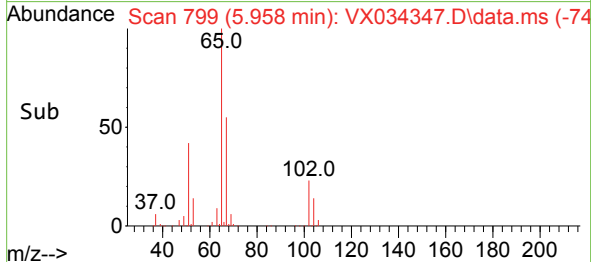
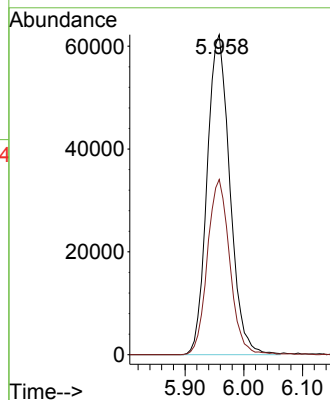
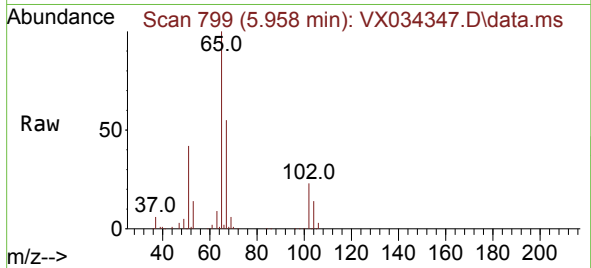




#33
 1,2-Dichloroethane-d4
 Concen: 45.923 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034347.D
 Acq: 06 Mar 2023 14:13

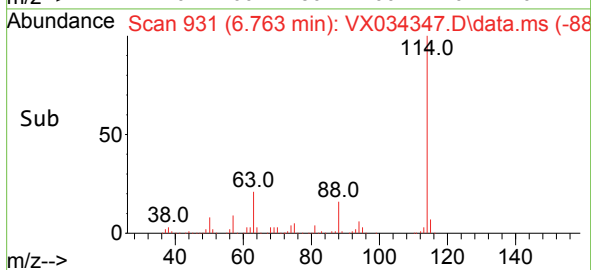
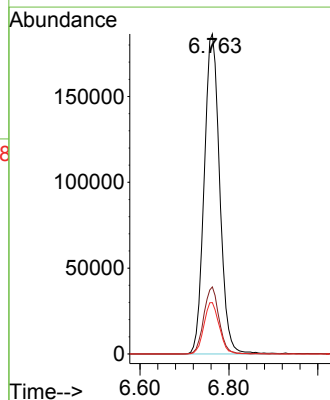
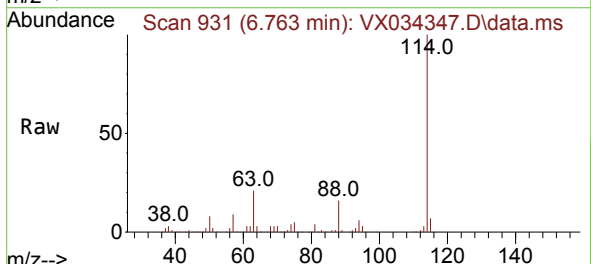
Instrument :
 MSVOA_X
 ClientSampleId :
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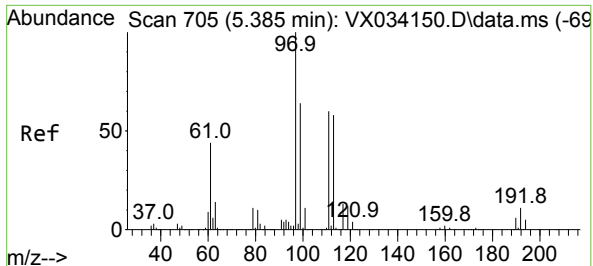
Tgt Ion: 65 Resp: 167463
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034347.D
 Acq: 06 Mar 2023 14:13

Tgt Ion: 114 Resp: 453164
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.040 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034347.D

Acq: 06 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK

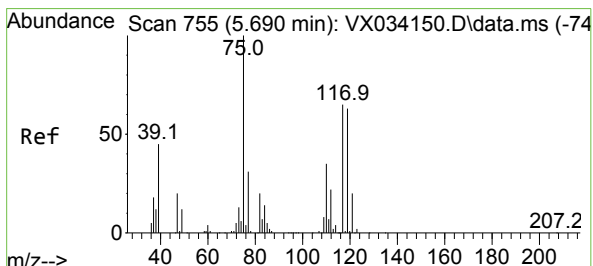
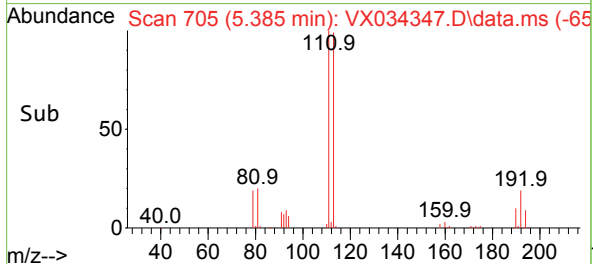
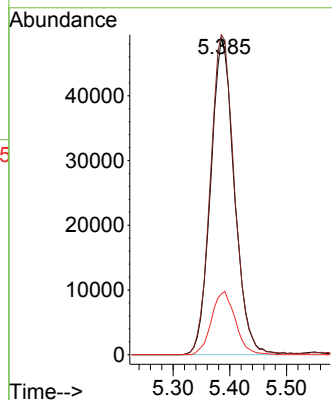
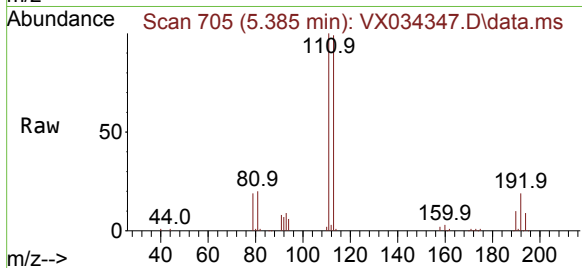
Tgt Ion:113 Resp: 141745

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 20.0 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.748 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034347.D

Acq: 06 Mar 2023 14:13

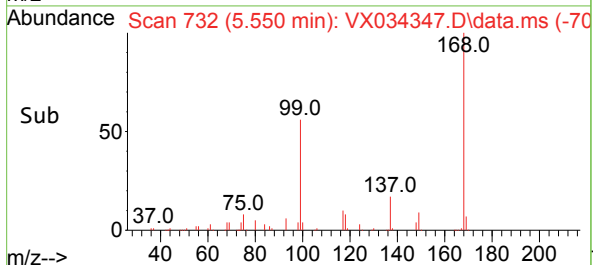
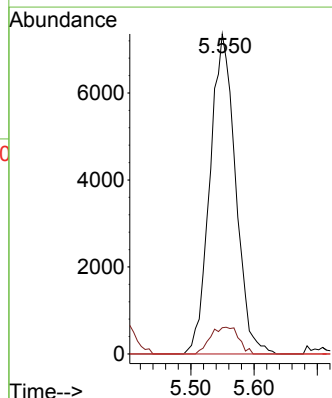
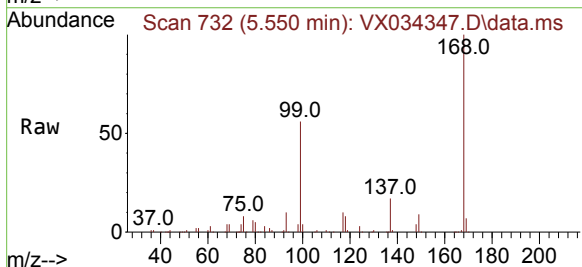
Tgt Ion: 75 Resp: 20719

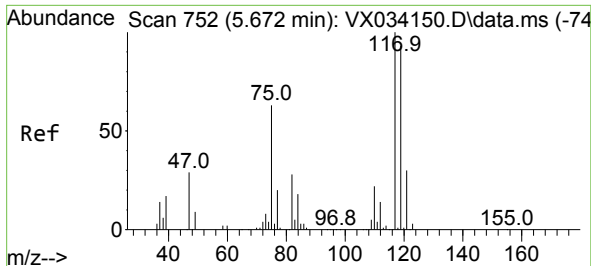
Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 25.1 37.7#

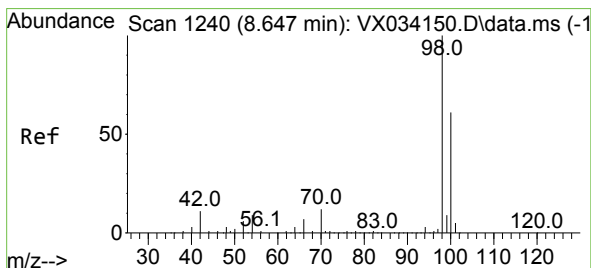
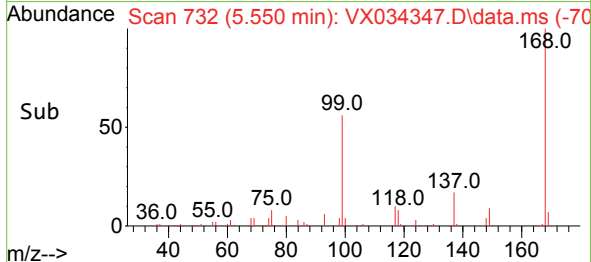
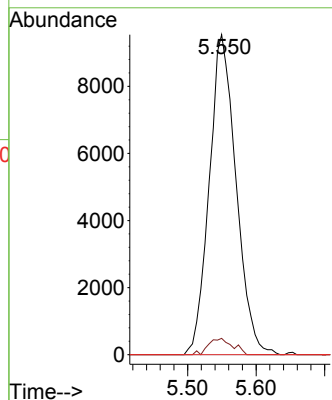
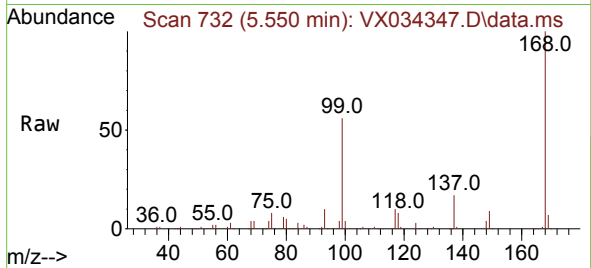




#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

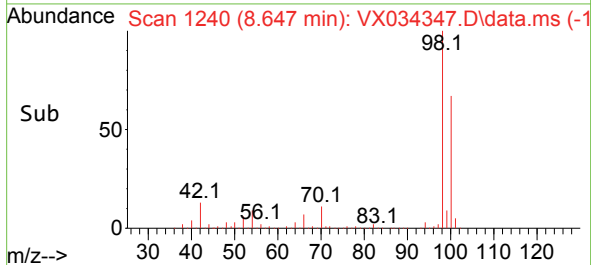
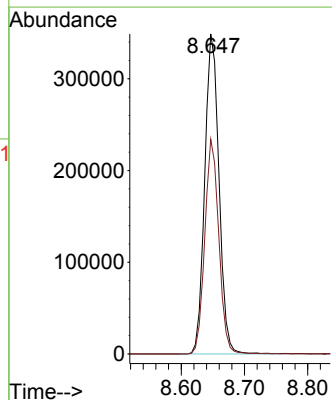
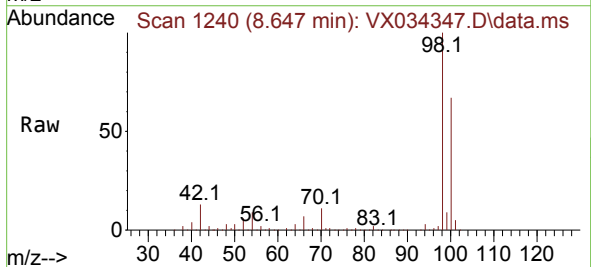
Instrument :
MSVOA_X
ClientSampleId :
IBLK

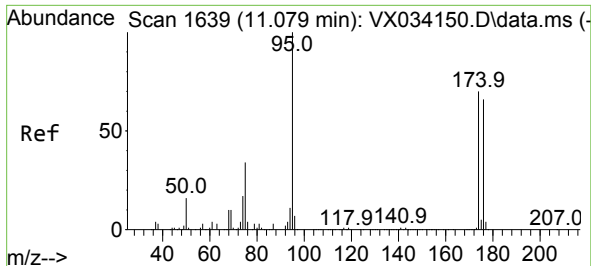
Tgt Ion:117 Resp: 25941
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 98 Resp: 548228
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

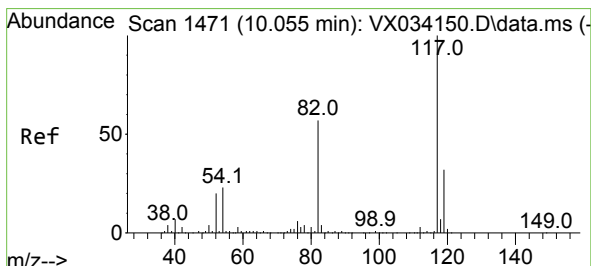
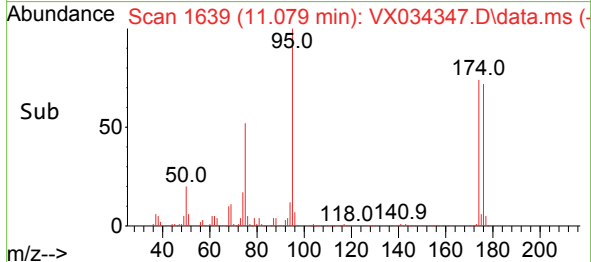
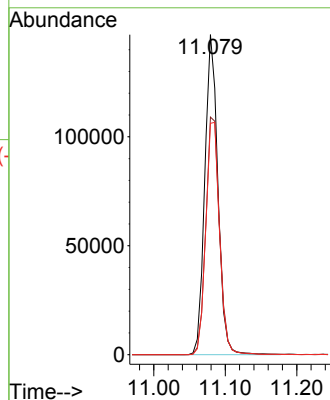
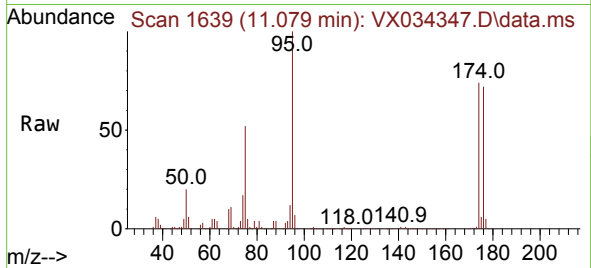




#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

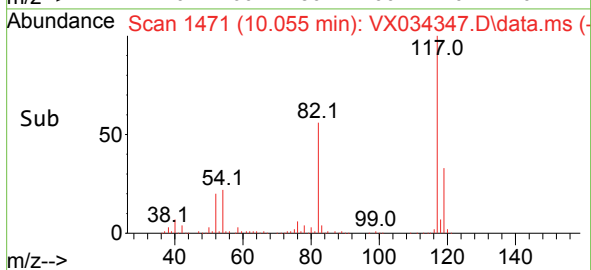
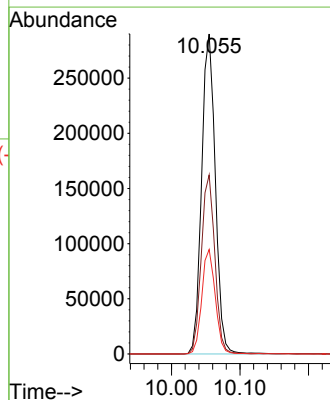
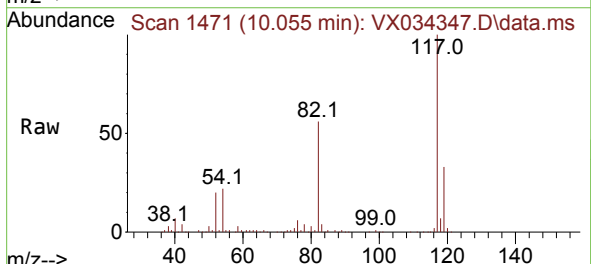
Instrument :
MSVOA_X
ClientSampleId :
IBLK

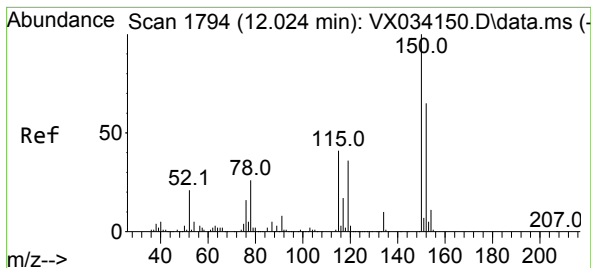
Tgt Ion: 95 Resp: 186941
Ion Ratio Lower Upper
95 100
174 78.4 0.0 184.4
176 76.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 117 Resp: 404029
Ion Ratio Lower Upper
117 100
82 55.9 40.6 60.8
119 32.7 25.6 38.4

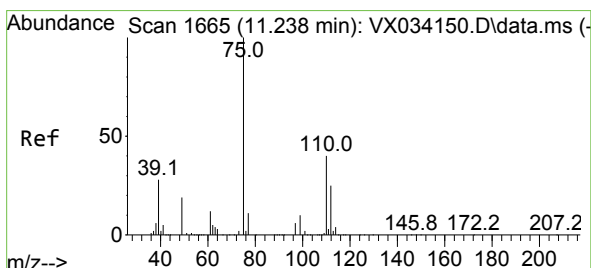
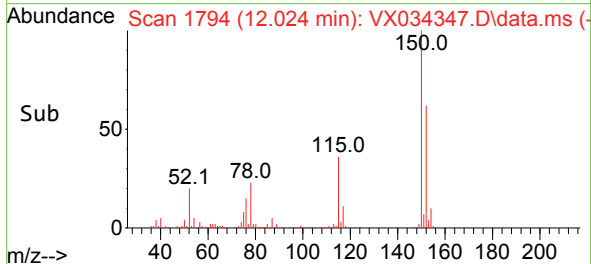
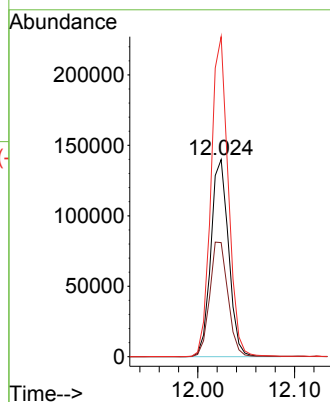
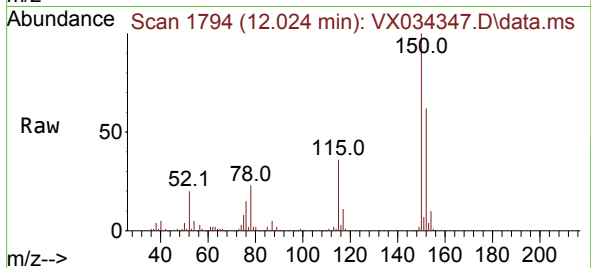




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034347.D
 Acq: 06 Mar 2023 14:13

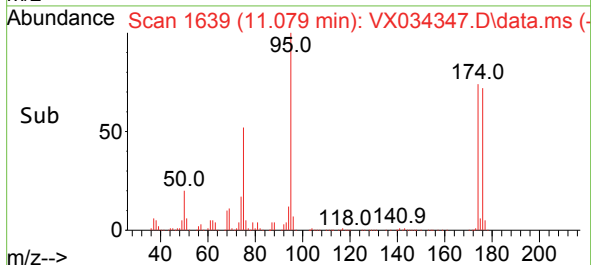
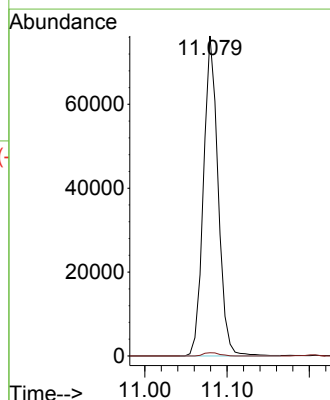
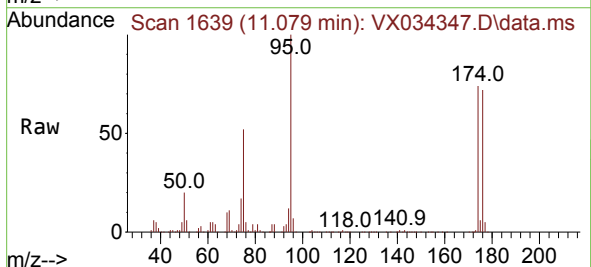
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

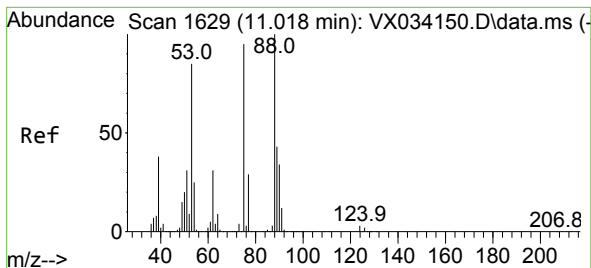
Tgt Ion:152 Resp: 178509
 Ion Ratio Lower Upper
 152 100
 115 59.8 38.7 116.1
 150 159.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.029 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034347.D
 Acq: 06 Mar 2023 14:13

Tgt Ion: 75 Resp: 94457
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#

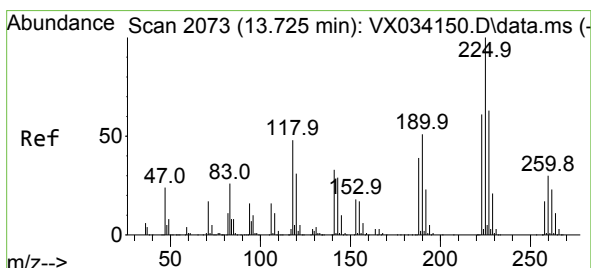
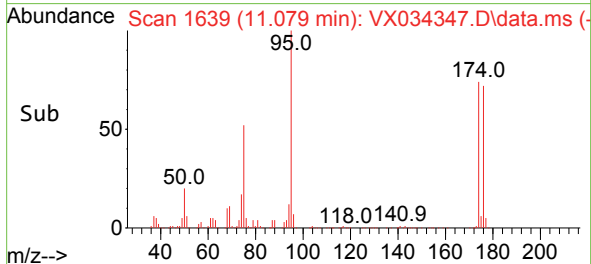
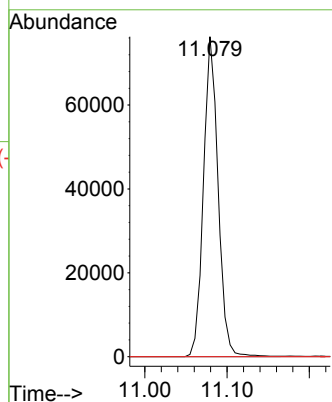
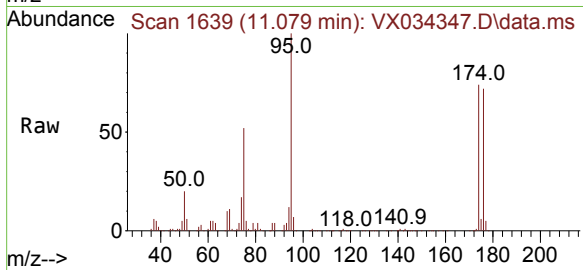




#81
trans-1,4-Dichloro-2-butene
Concen: 54.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 94457
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#94
Hexachlorobutadiene
Concen: 0.427 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 225 Resp: 683
Ion Ratio Lower Upper
225 100
223 68.8 31.3 93.9
227 52.0 32.3 96.9

