

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034353.D
 Acq On : 06 Mar 2023 16:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 00:40:58 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)

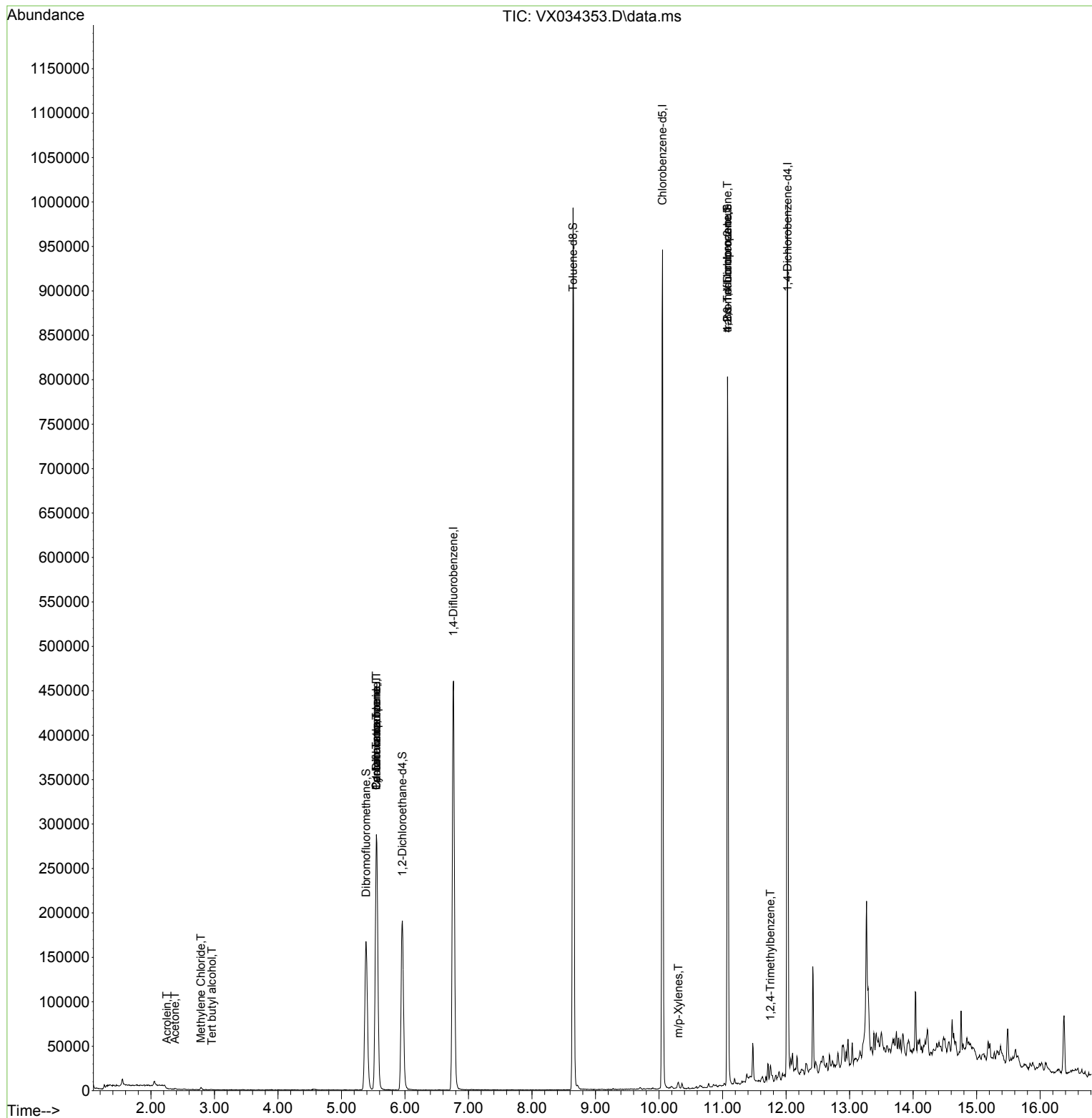
Internal Standards						
1) Pentafluorobenzene	5.550	168	277013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179624	48.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	148227	47.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	574876	51.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.200%
62) 4-Bromofluorobenzene	11.079	95	209678	49.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	234	Below Cal	#	3
11) Tert butyl alcohol	2.959	59	195	0.234	ug/l #	86
13) Acrolein	2.252	56	240	0.630	ug/l #	14
16) Acetone	2.380	43	941	0.489	ug/l	93
20) Methylene Chloride	2.788	84	1123	0.324	ug/l #	88
31) Cyclohexane	5.550	56	5840	1.048	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	21867	4.765	ug/l #	48
38) Carbon Tetrachloride	5.550	117	27309	5.783	ug/l #	15
68) m/p-Xylenes	10.305	106	1722	0.284	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	105905	20.051	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	105905	51.508	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	6934	0.510	ug/l	99

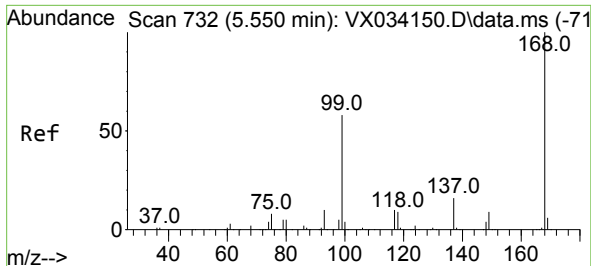
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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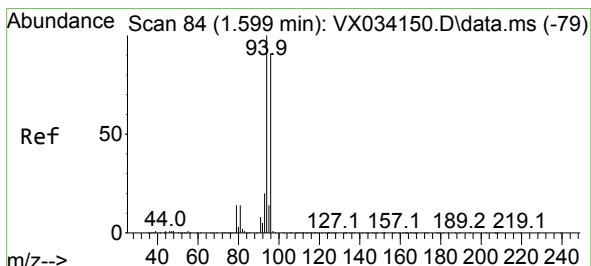
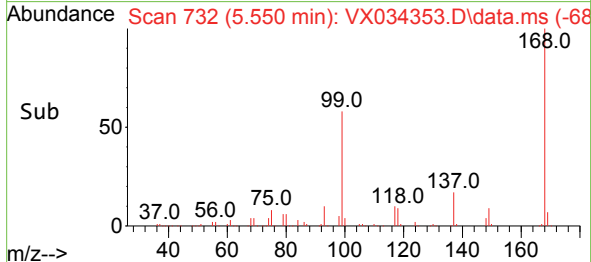
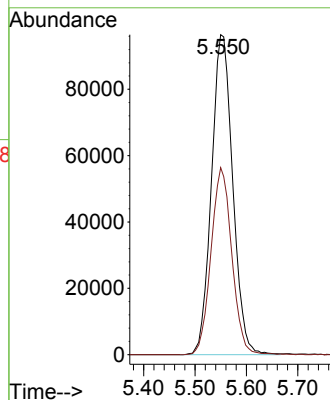
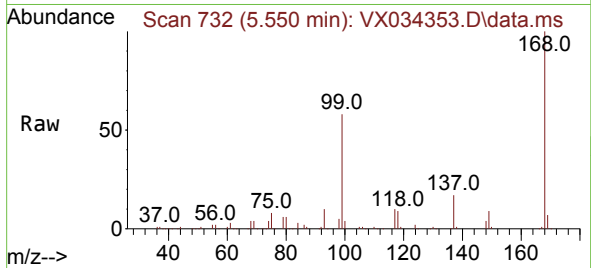




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

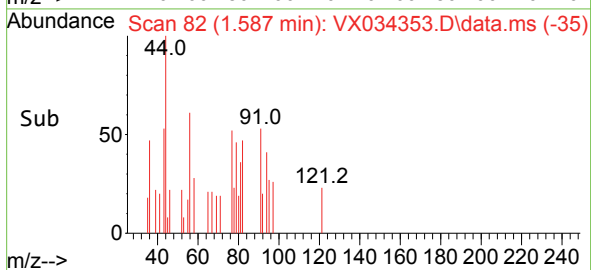
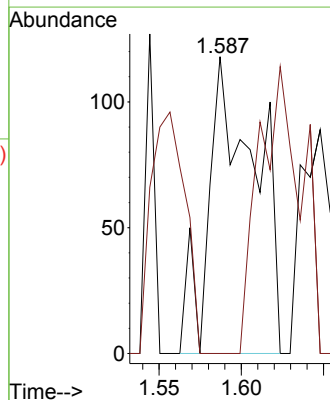
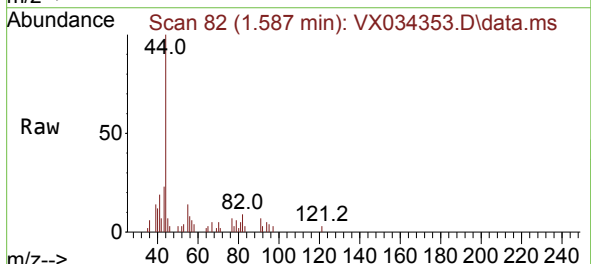
Instrument :
MSVOA_X
ClientSampleId :
IBLK

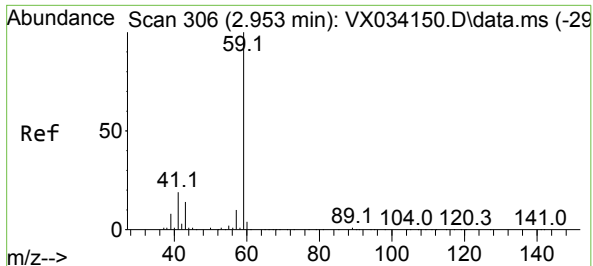
Tgt Ion:168 Resp: 277013
Ion Ratio Lower Upper
168 100
99 58.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.234 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034353.D

Acq: 06 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

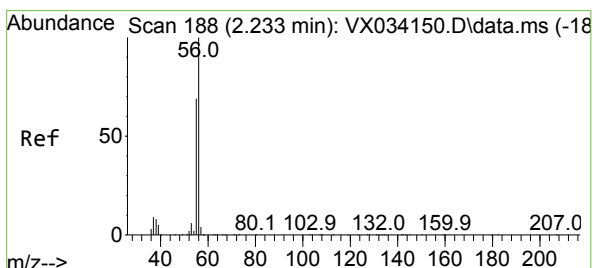
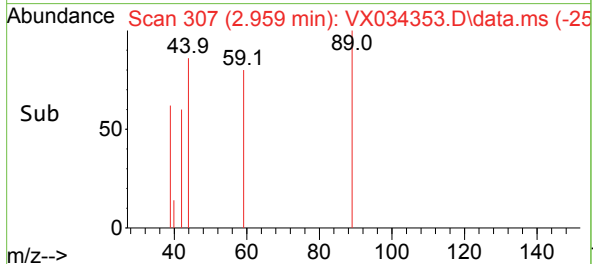
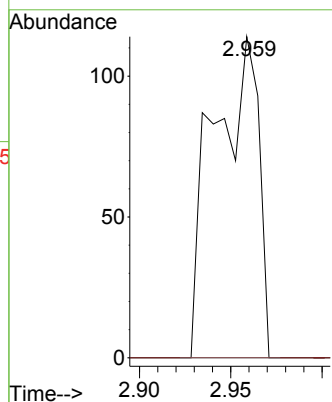
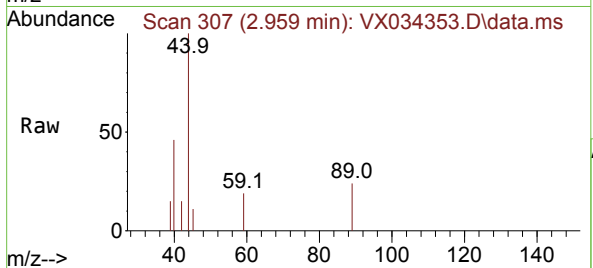
IBLK

Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.630 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.018 min

Lab File: VX034353.D

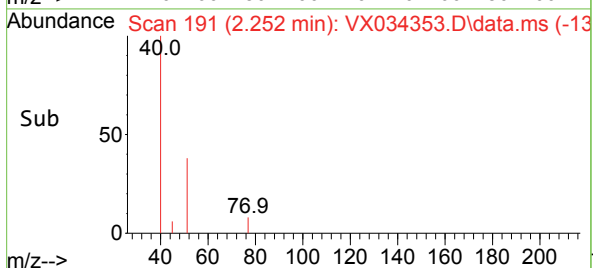
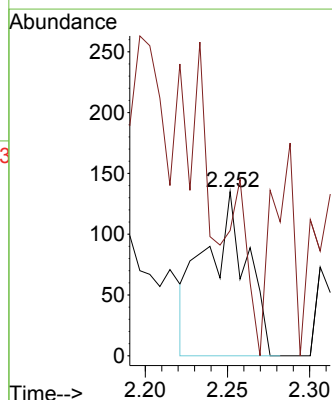
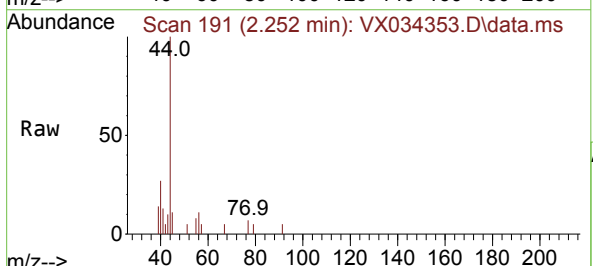
Acq: 06 Mar 2023 16:35

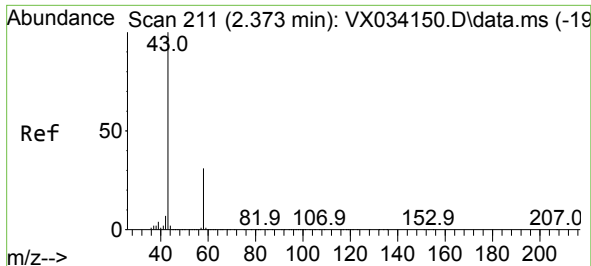
Tgt Ion: 56 Resp: 240

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

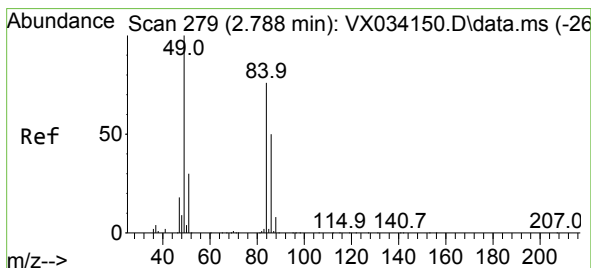
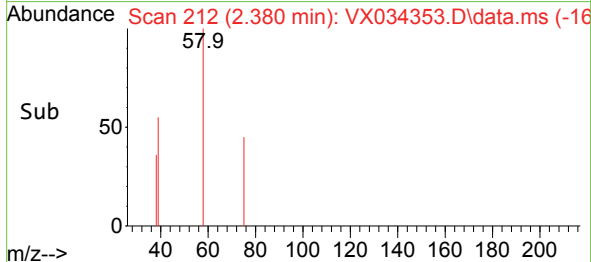
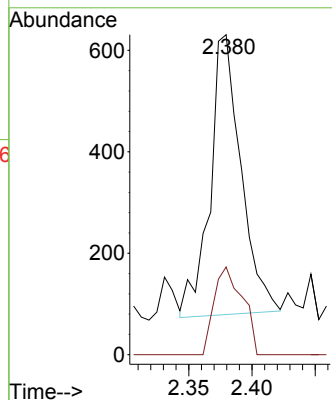
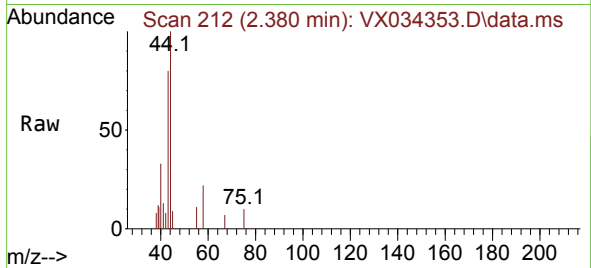




#16
Acetone
Concen: 0.489 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

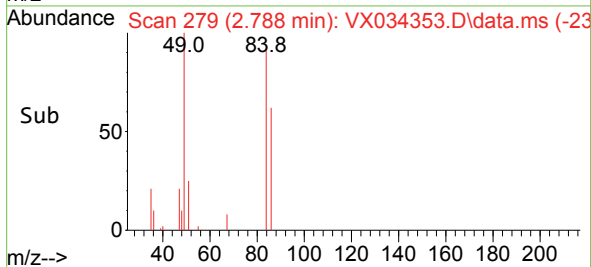
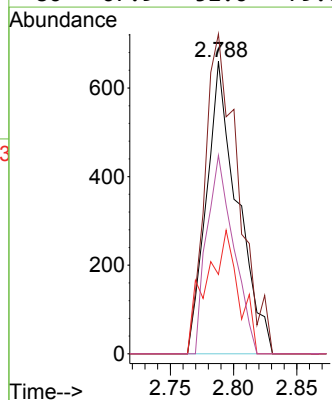
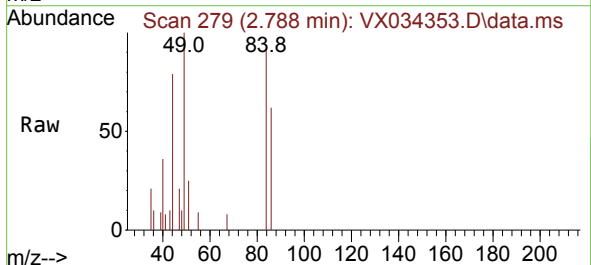
Instrument :
MSVOA_X
ClientSampleId :
IBLK

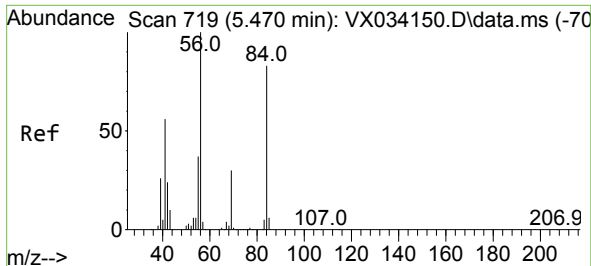
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 31.7 22.6 33.8



#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 84 Resp: 1123
Ion Ratio Lower Upper
84 100
49 109.4 101.1 151.7
51 27.1 31.0 46.6#
86 67.9 52.6 79.0

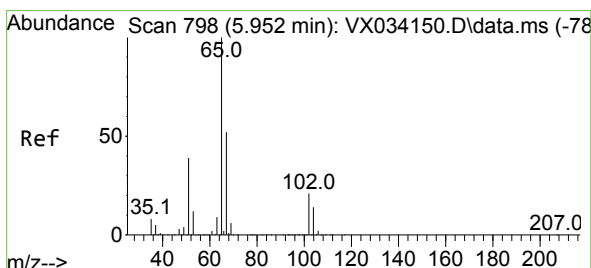
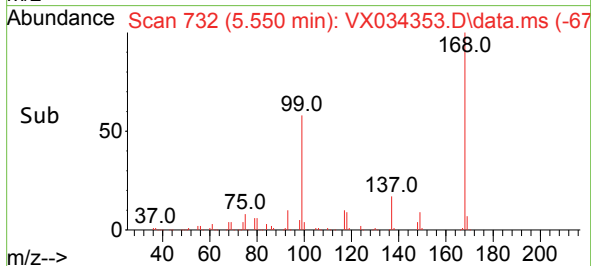
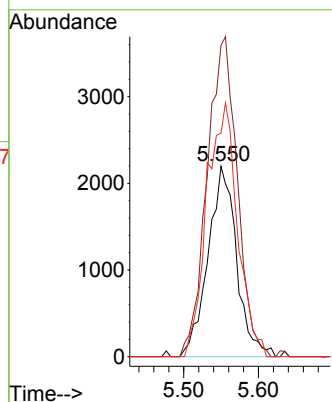
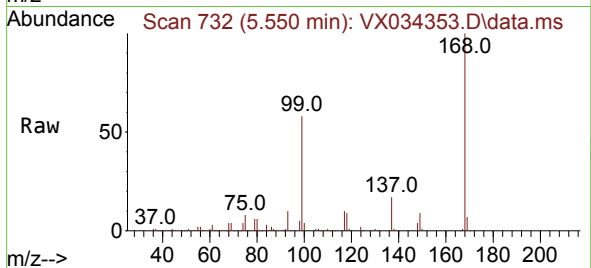




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

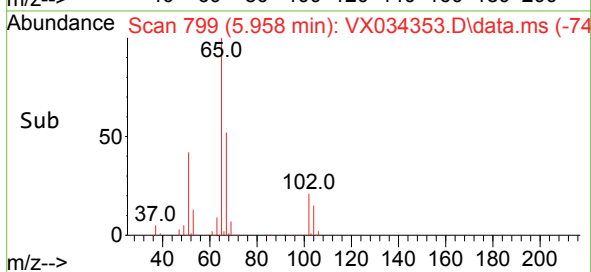
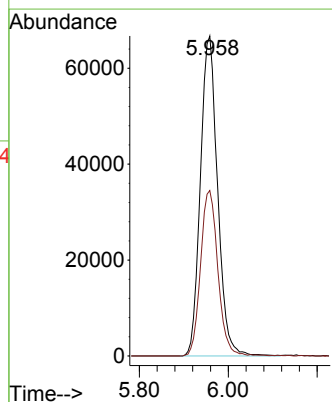
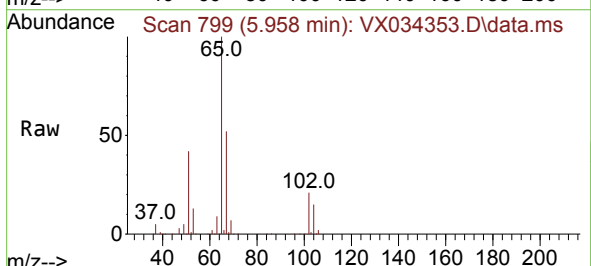
Instrument :
MSVOA_X
ClientSampleId :
IBLK

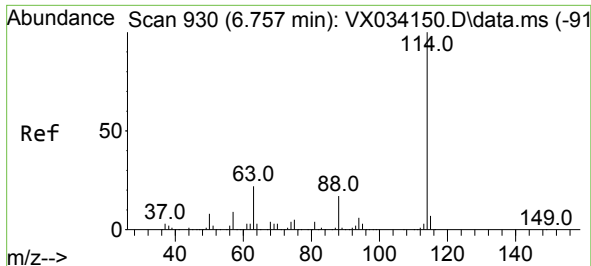
Tgt Ion: 56 Resp: 5840
Ion Ratio Lower Upper
56 100
69 163.6 24.6 37.0#
84 117.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 48.147 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 65 Resp: 179624
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

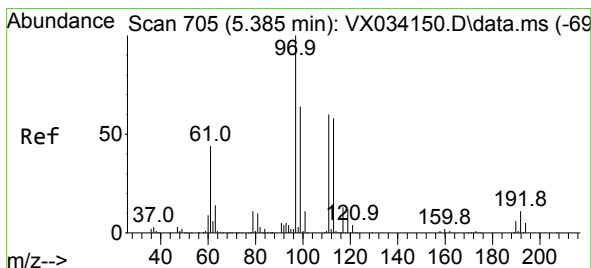
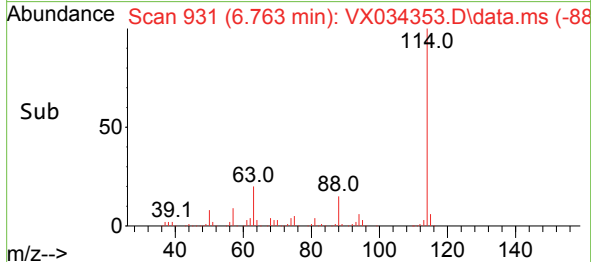
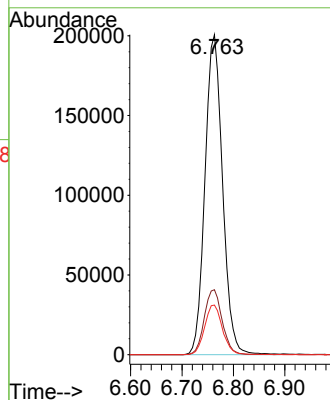
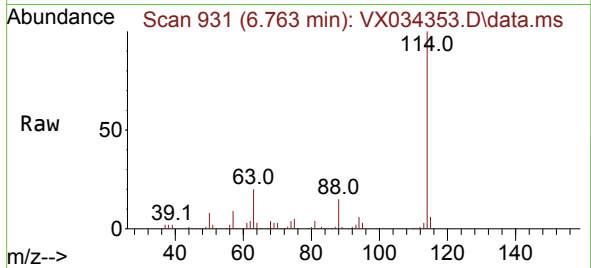




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

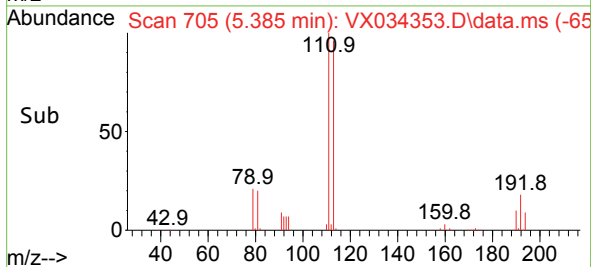
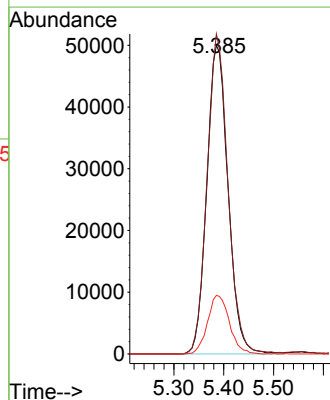
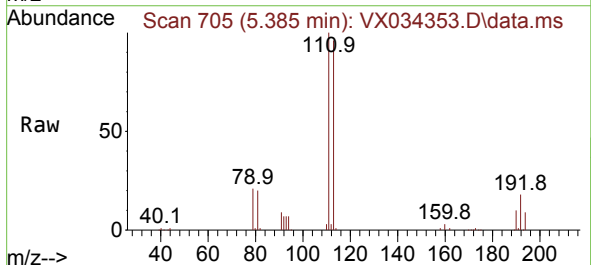
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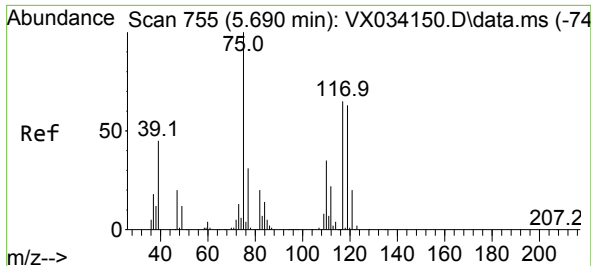
Tgt Ion:114 Resp: 476599
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion:113 Resp: 148227
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 19.4 19.0 28.4

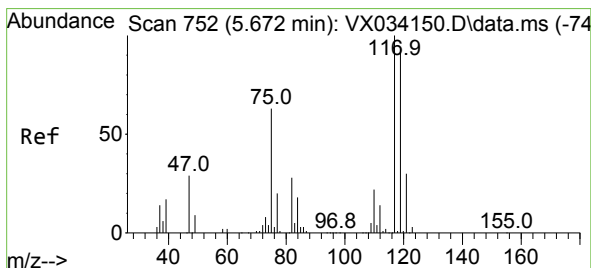
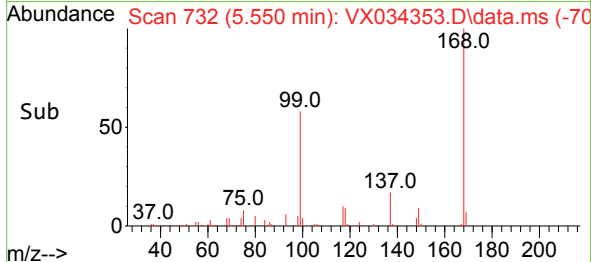
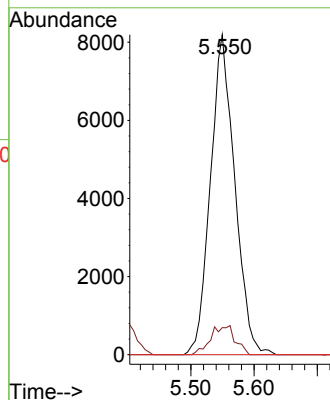
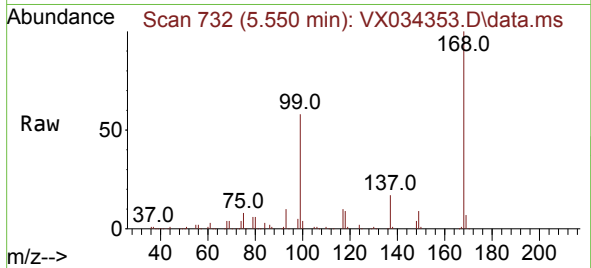




#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

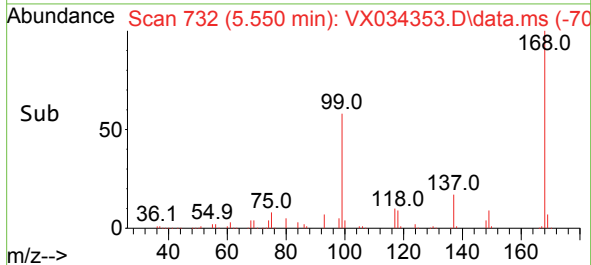
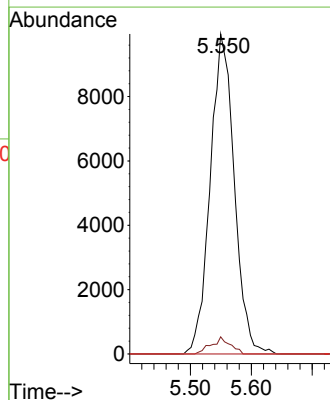
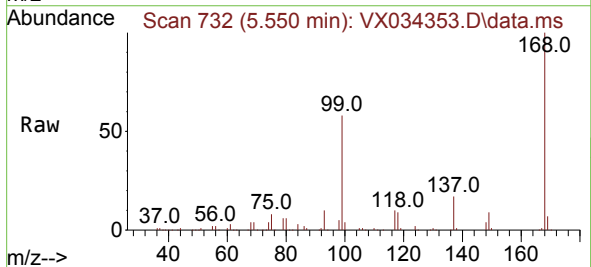
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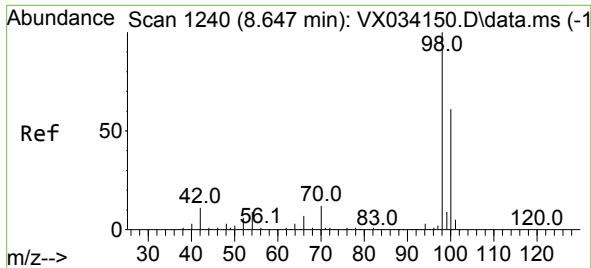
Tgt Ion: 75 Resp: 21867
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 117 Resp: 27309
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.4 36.6#

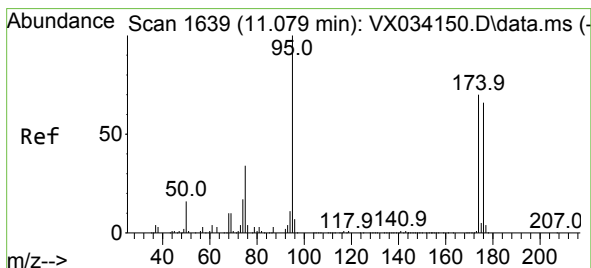
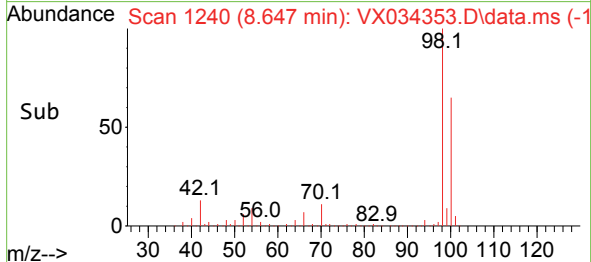
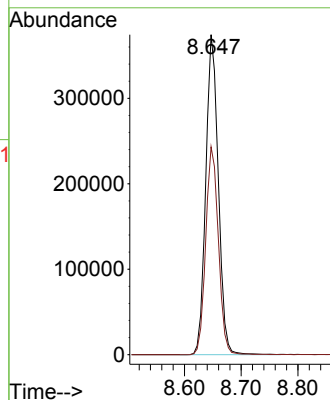
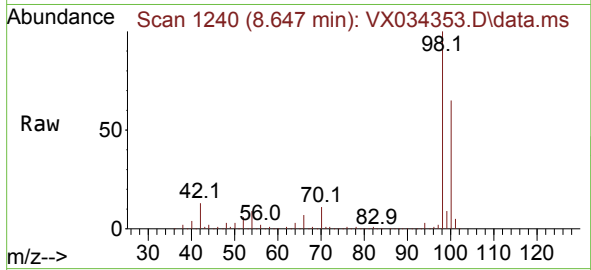




#50
Toluene-d8
Concen: 51.599 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

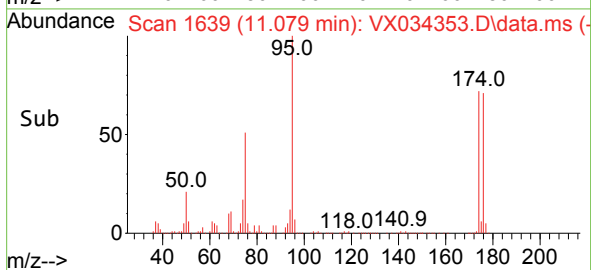
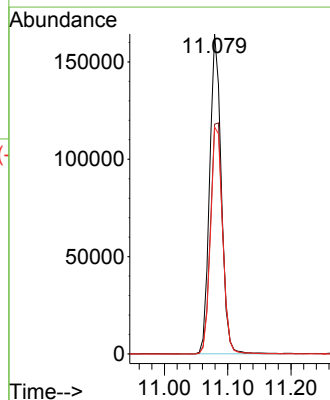
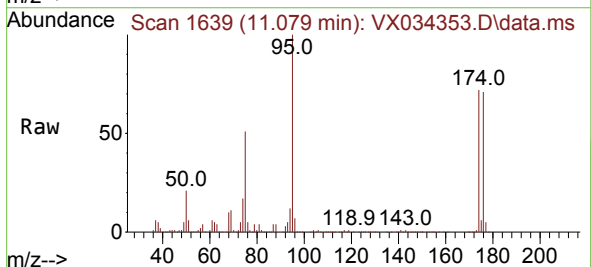
Instrument :
MSVOA_X
ClientSampleId :
IBLK

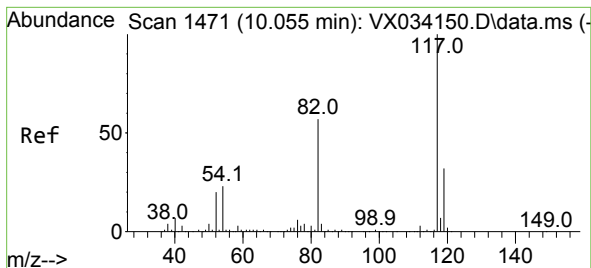
Tgt Ion: 98 Resp: 574876
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 95 Resp: 209678
Ion Ratio Lower Upper
95 100
174 76.6 0.0 184.4
176 74.2 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: VX034353.D

Acq: 06 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

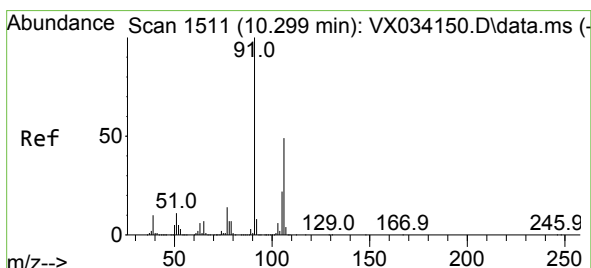
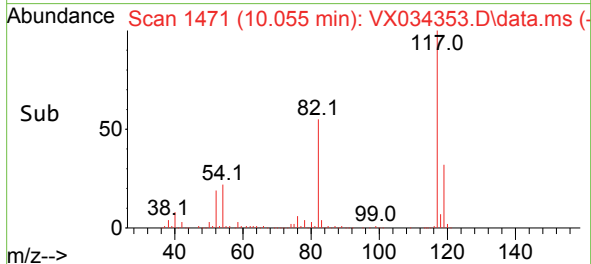
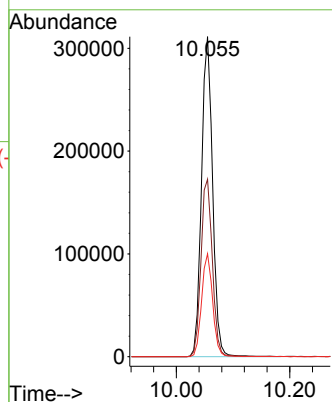
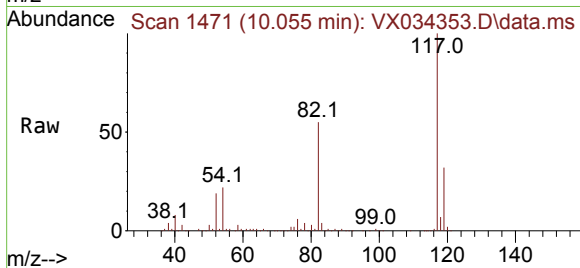
Tgt Ion:117 Resp: 422757

Ion Ratio Lower Upper

117 100

82 55.5 40.6 60.8

119 32.2 25.6 38.4



#68

m/p-Xylenes

Concen: 0.284 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX034353.D

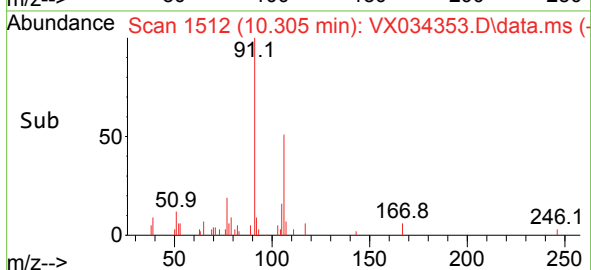
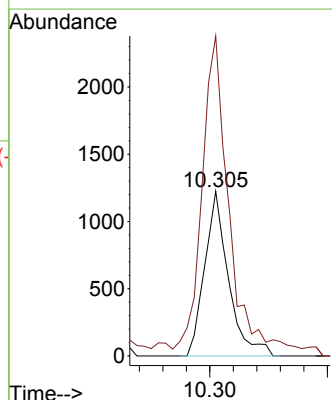
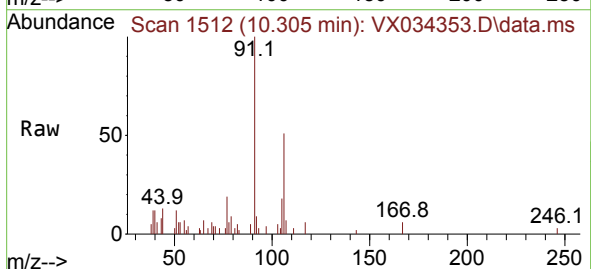
Acq: 06 Mar 2023 16:35

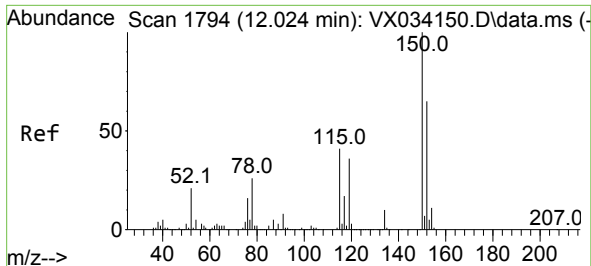
Tgt Ion:106 Resp: 1722

Ion Ratio Lower Upper

106 100

91 232.5 156.4 234.6

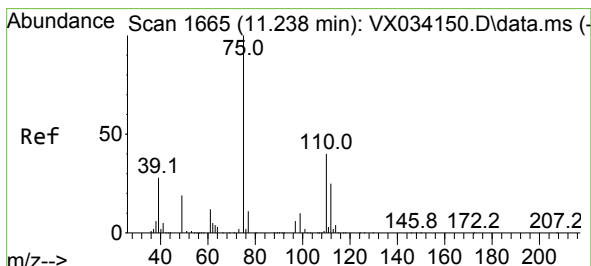
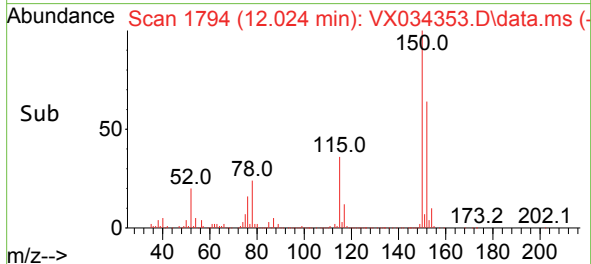
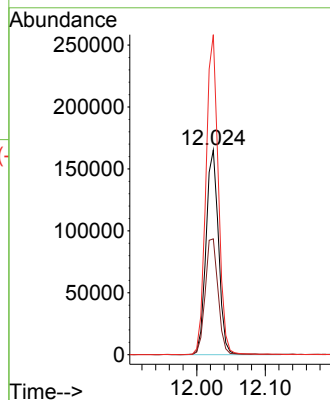
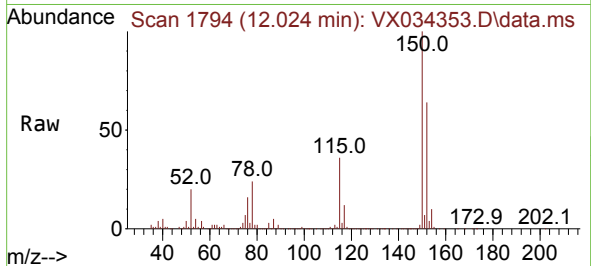




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

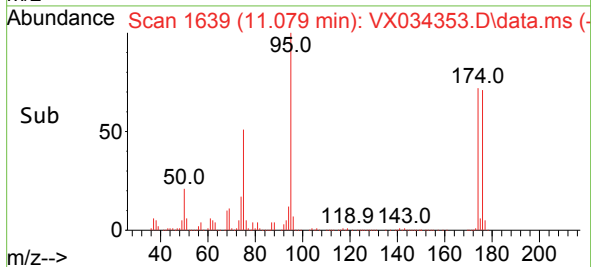
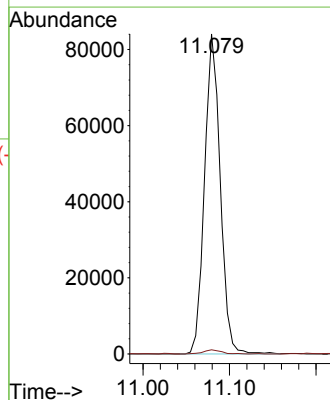
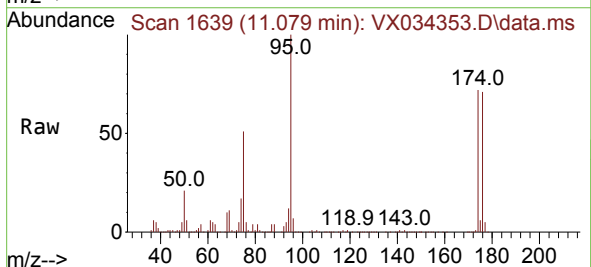
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

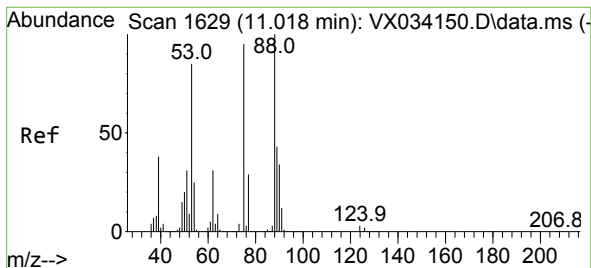
Tgt Ion:152 Resp: 209909
 Ion Ratio Lower Upper
 152 100
 115 58.4 38.7 116.1
 150 155.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.051 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

Tgt Ion: 75 Resp: 105905
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.8 65.4#

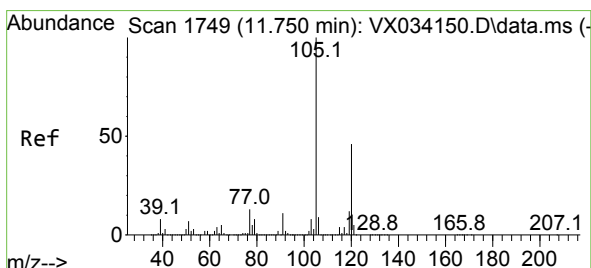
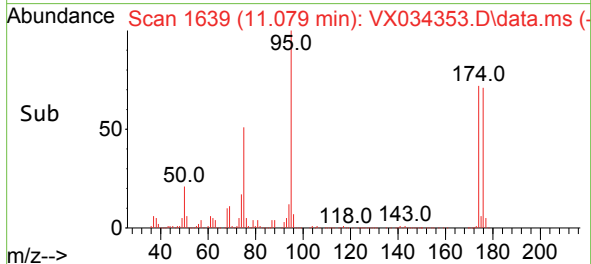
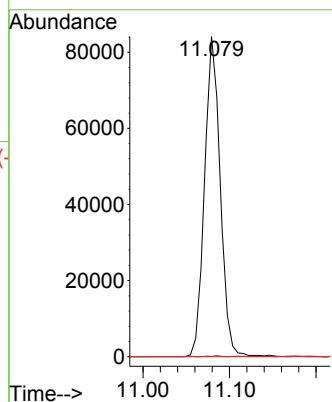
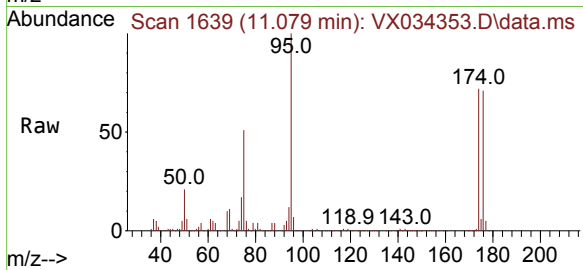




#81
trans-1,4-Dichloro-2-butene
Concen: 51.508 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 105905
Ion Ratio Lower Upper
75 100
53 0.2 83.0 124.6#
89 0.0 37.7 56.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.510 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 105 Resp: 6934
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.2

