

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039792.D
 Acq On : 17 Jan 2024 11:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 18 02:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

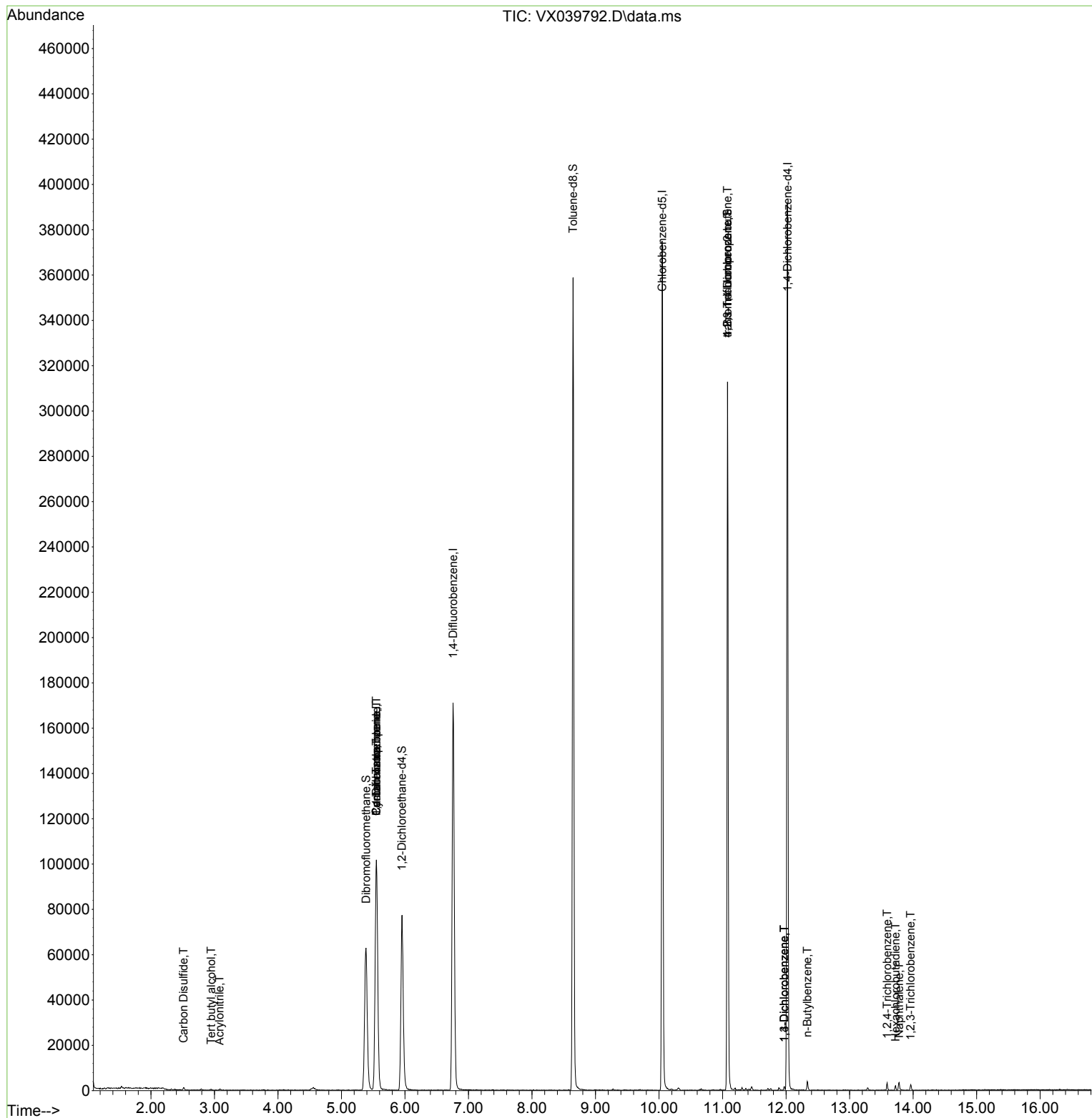
Internal Standards						
1) Pentafluorobenzene	5.550	168	90584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69350	45.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.400%
35) Dibromofluoromethane	5.385	113	54924	48.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.647	98	208502	49.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	82107	49.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	244	0.618	ug/l #	78
13) Acrolein	2.233	56	27	Below Cal	#	74
15) Acrylonitrile	3.081	53	165	0.202	ug/l #	55
17) Carbon Disulfide	2.514	76	1032	0.329	ug/l #	81
31) Cyclohexane	5.550	56	2638	1.317	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8644	4.937	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9795	6.108	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	45529	22.381	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45529	64.829	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	691	0.259	ug/l	90
88) 1,4-Dichlorobenzene	11.969	146	691	0.251	ug/l	91
89) n-Butylbenzene	12.335	91	1406	0.277	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	714	0.443	ug/l	78
94) Hexachlorobutadiene	13.725	225	299	0.447	ug/l	79
95) Naphthalene	13.780	128	2701	0.455	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	759	0.467	ug/l	97

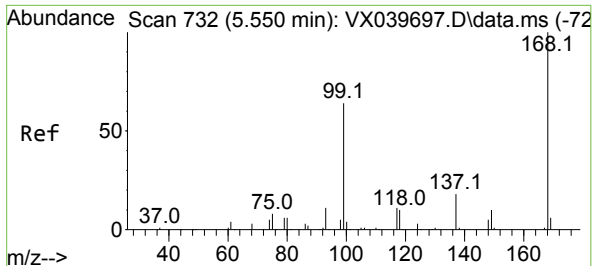
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 02:39:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

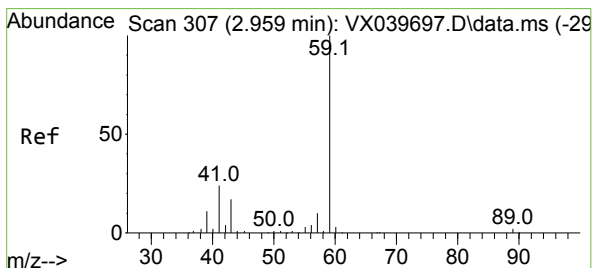
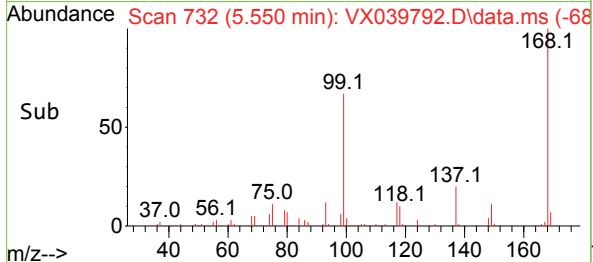
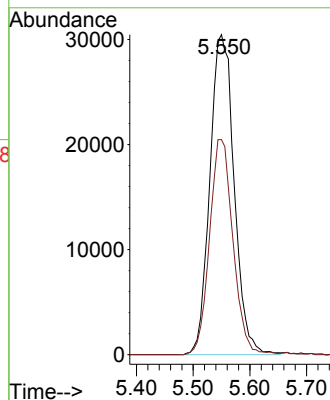
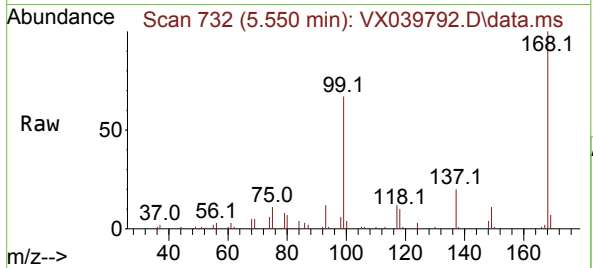




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

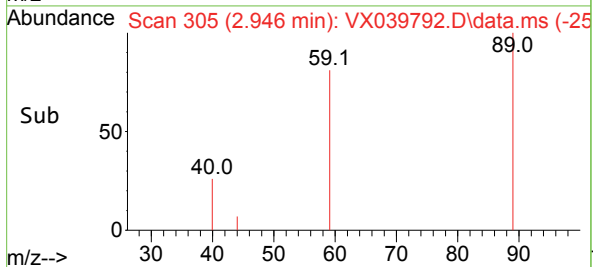
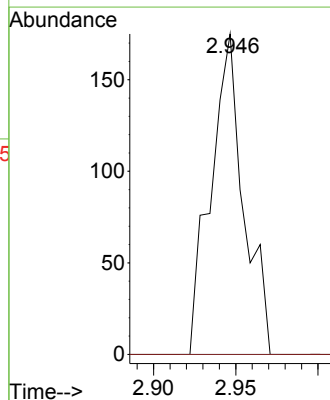
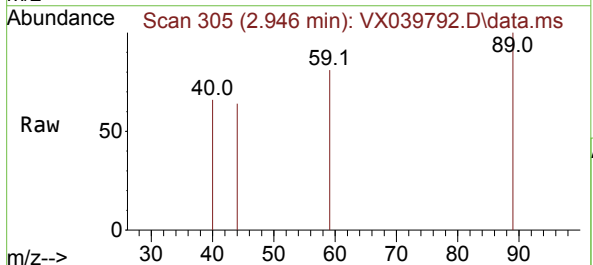
Instrument :
MSVOA_X
ClientSampleId :
IBLK

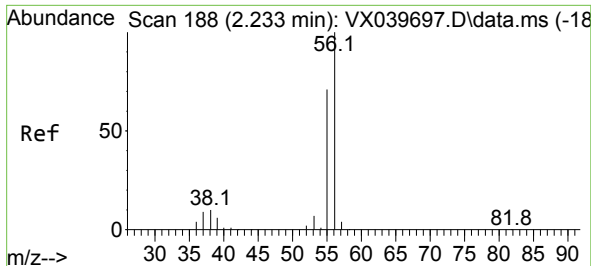
Tgt Ion:168 Resp: 90584
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.618 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

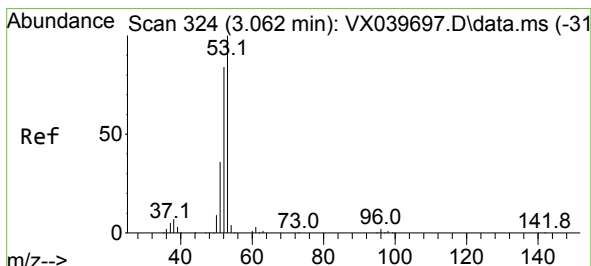
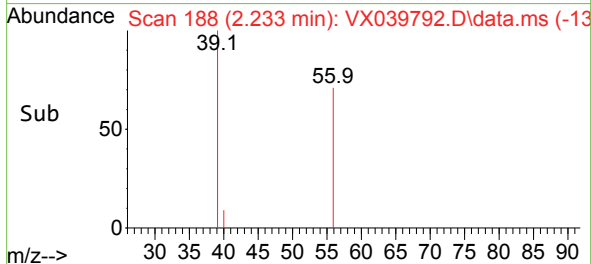
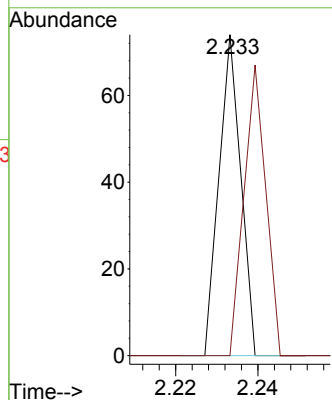
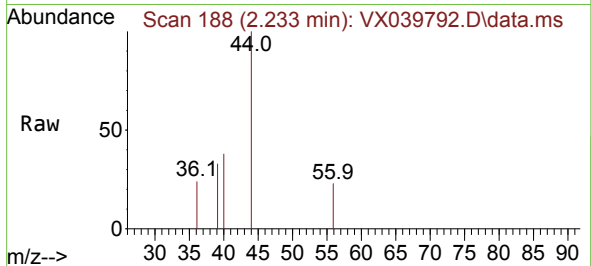




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

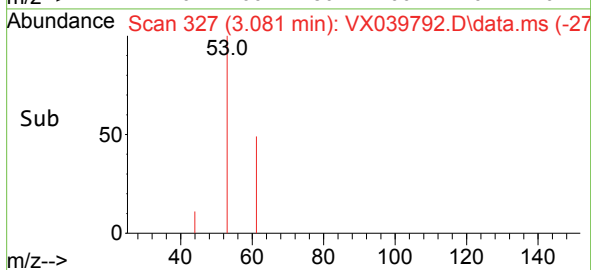
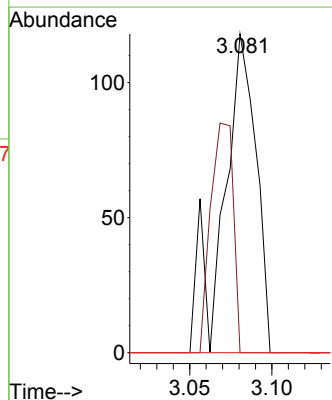
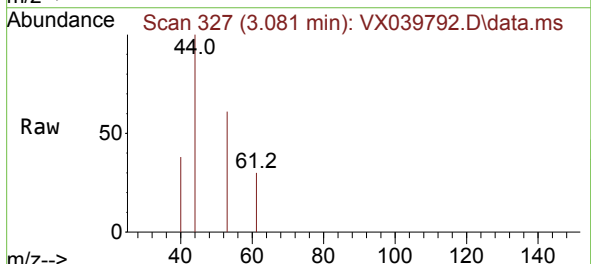
Instrument :
MSVOA_X
ClientSampleId :
IBLK

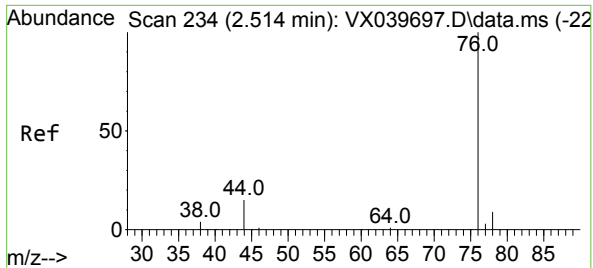
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 92.6 57.1 85.7#



#15
Acrylonitrile
Concen: 0.202 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 53 Resp: 165
Ion Ratio Lower Upper
53 100
52 49.1 66.0 99.0#
51 0.0 29.8 44.6#

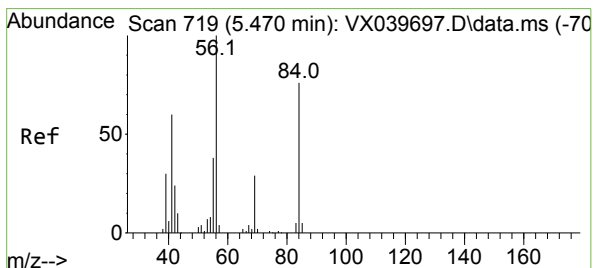
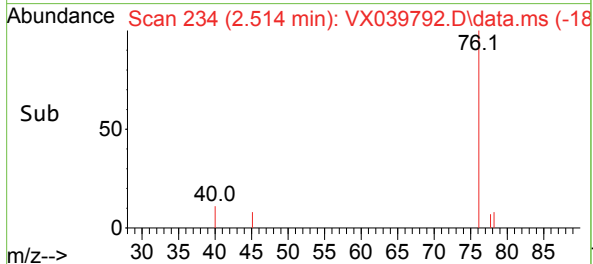
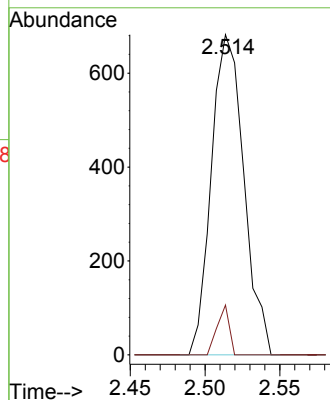
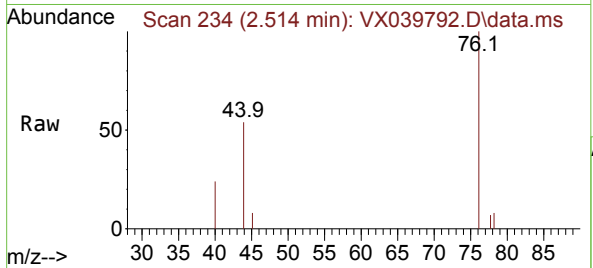




#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

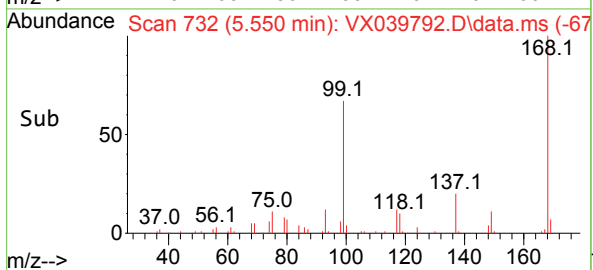
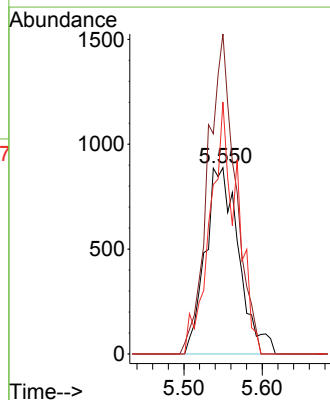
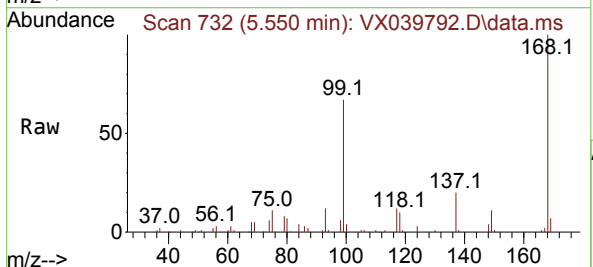
Instrument :
MSVOA_X
ClientSampleId :
IBLK

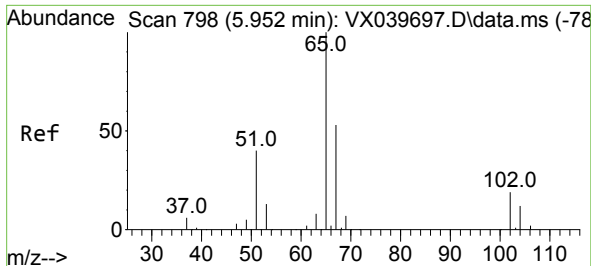
Tgt Ion: 76 Resp: 1032
Ion Ratio Lower Upper
76 100
78 15.5 7.0 10.6#



#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 56 Resp: 2638
Ion Ratio Lower Upper
56 100
69 171.8 23.4 35.2#
84 135.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.703 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

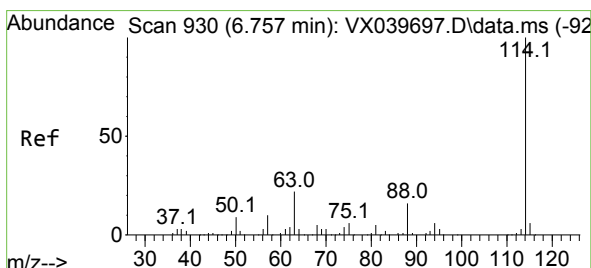
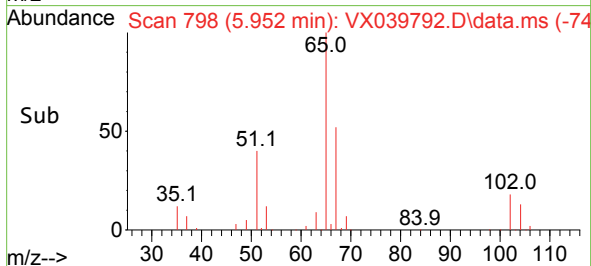
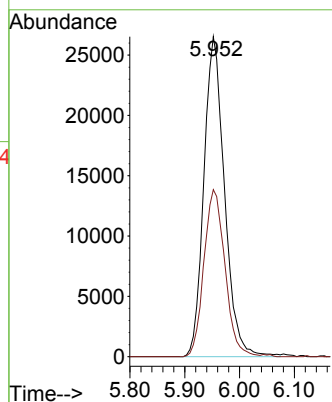
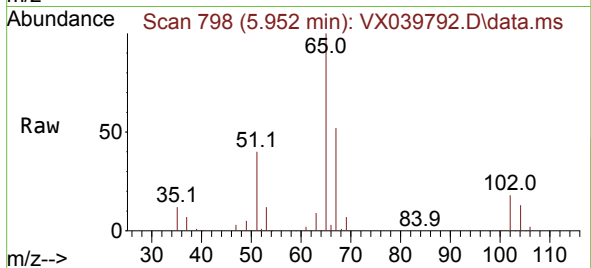
IBLK

Tgt Ion: 65 Resp: 69350

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

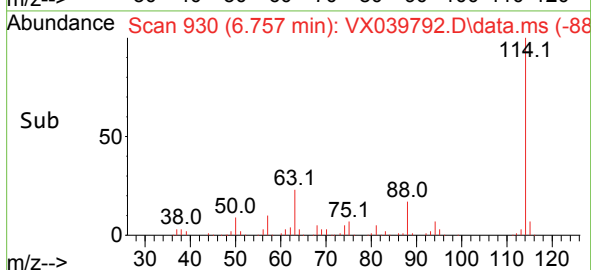
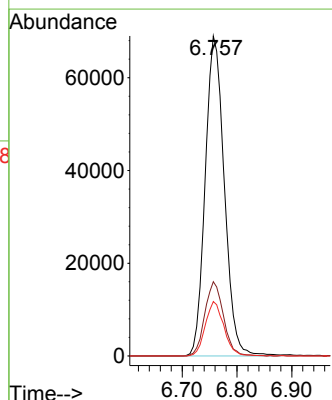
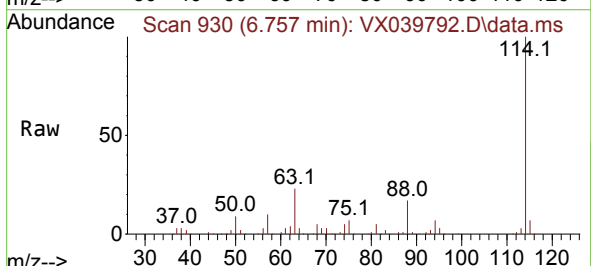
Tgt Ion: 114 Resp: 167010

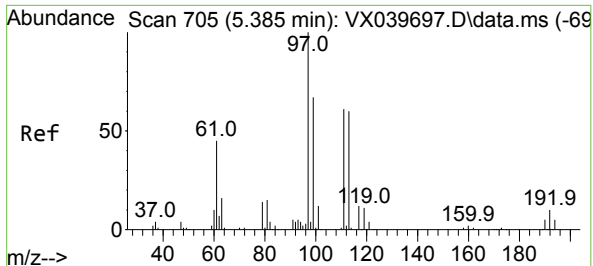
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 17.0 0.0 36.6

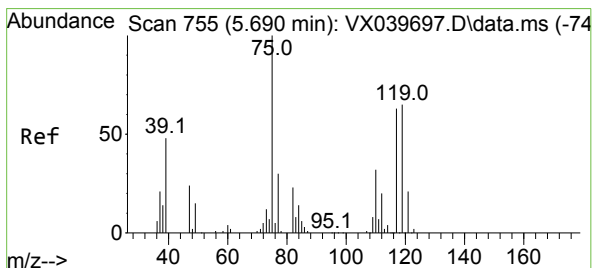
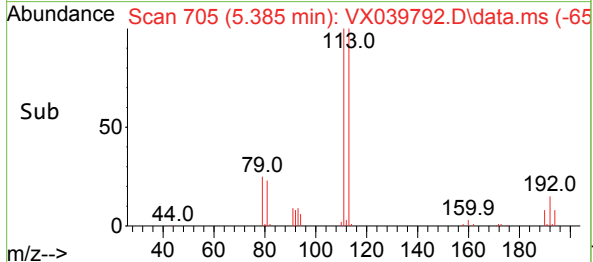
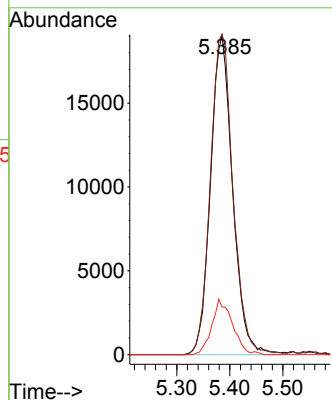
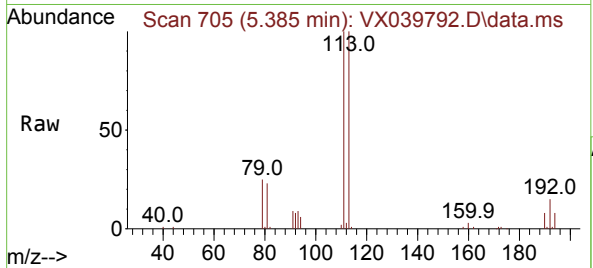




#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

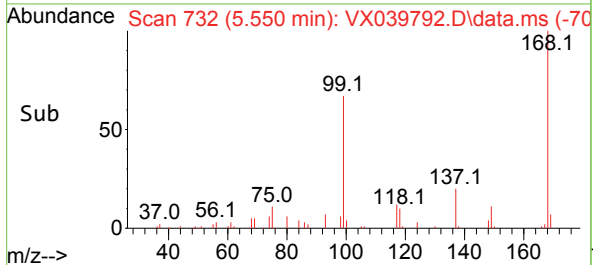
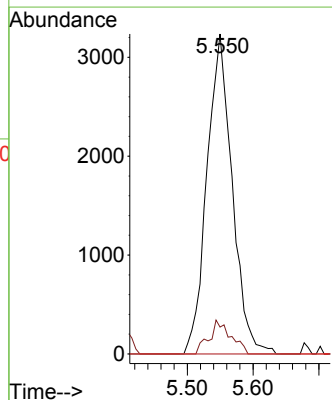
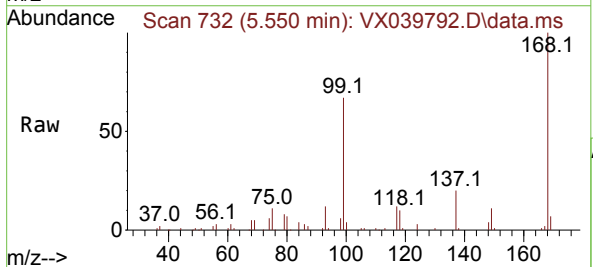
Instrument :
MSVOA_X
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IBLK

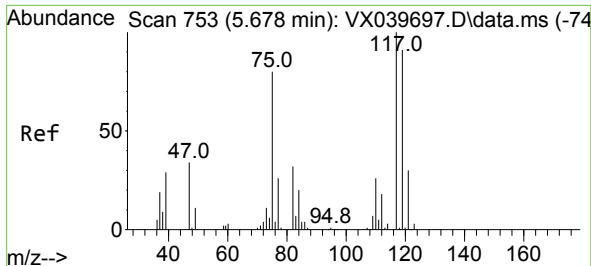
Tgt Ion:113 Resp: 54924
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

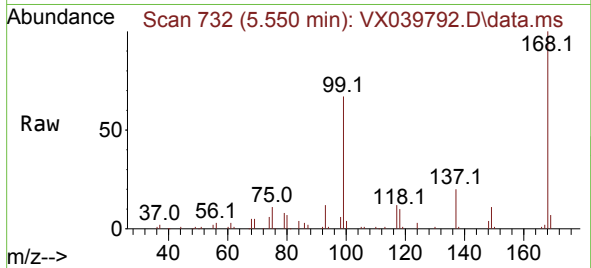
Tgt Ion: 75 Resp: 8644
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



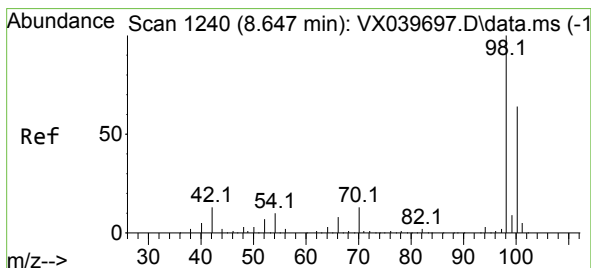
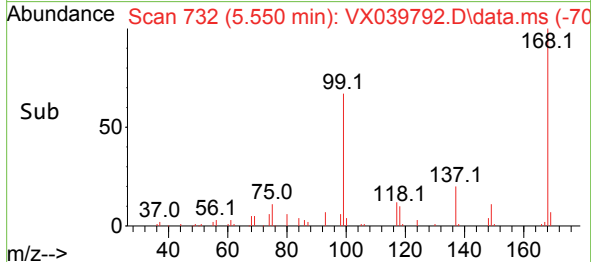
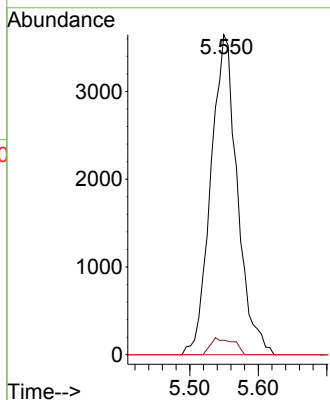


#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
IBLK

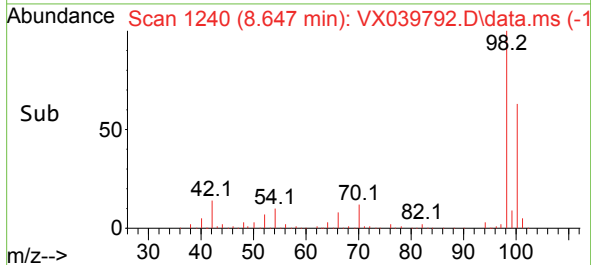
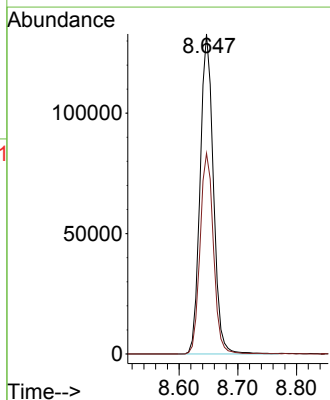
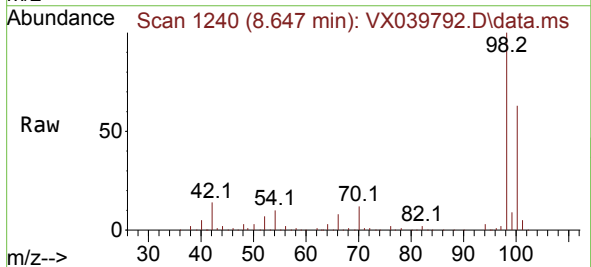


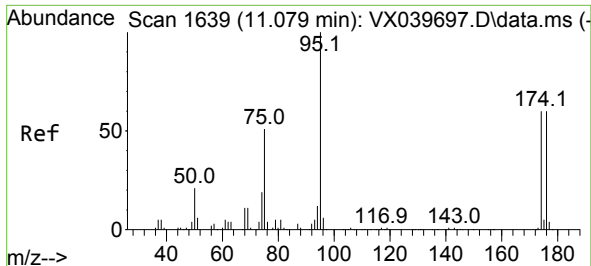
Tgt Ion:117 Resp: 9795
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 98 Resp: 208502
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

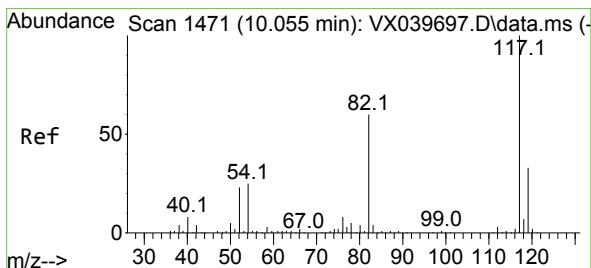
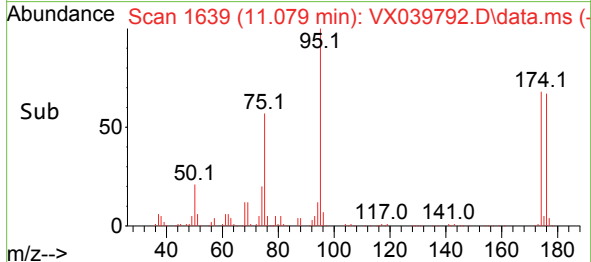
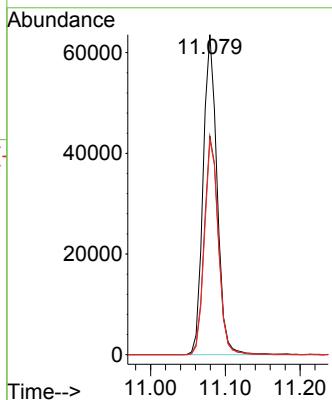
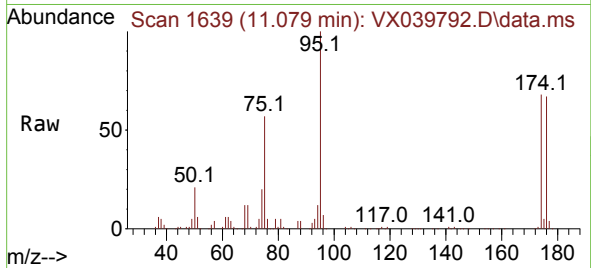




#62
4-Bromofluorobenzene
Concen: 49.490 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

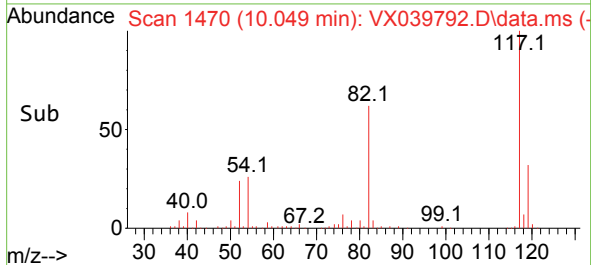
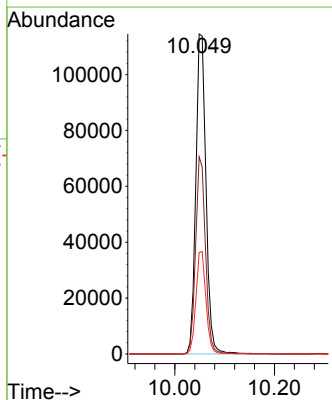
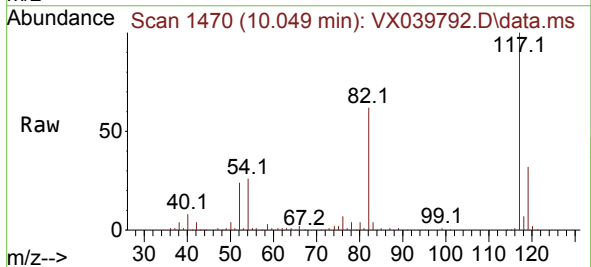
Instrument :
MSVOA_X
ClientSampleId :
IBLK

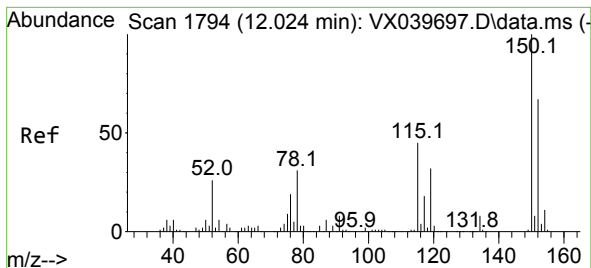
Tgt Ion: 95 Resp: 82107
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 67.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 117 Resp: 162190
Ion Ratio Lower Upper
117 100
82 61.6 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

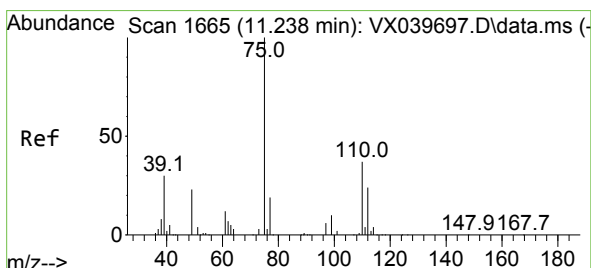
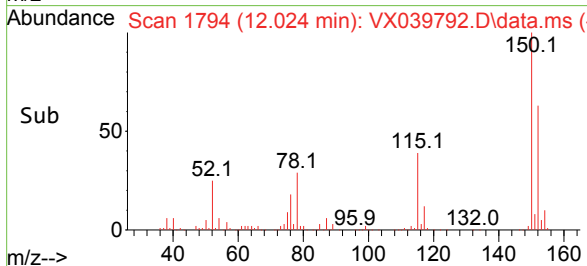
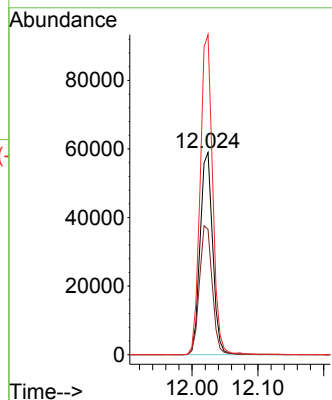
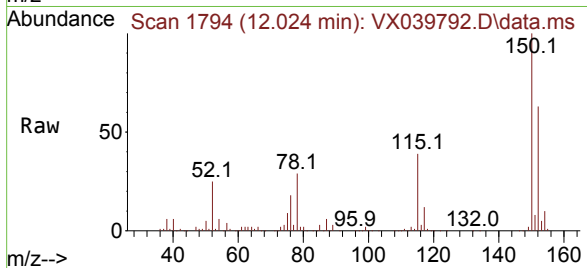
Tgt Ion:152 Resp: 78463

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.381 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039792.D

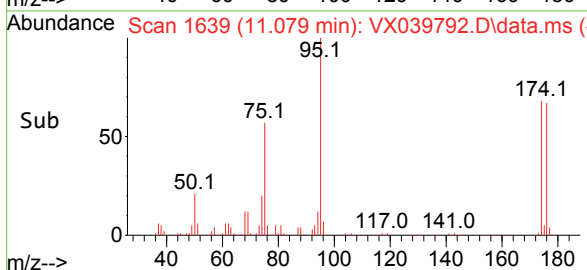
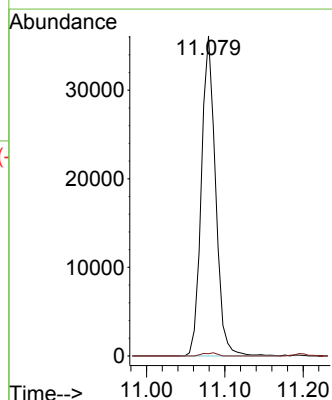
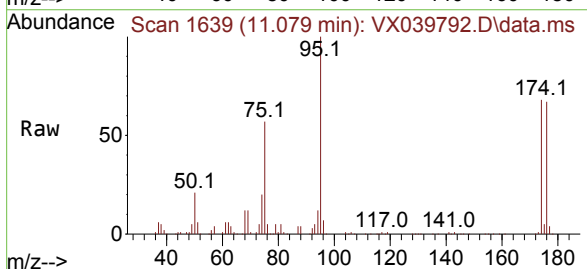
Acq: 17 Jan 2024 11:22

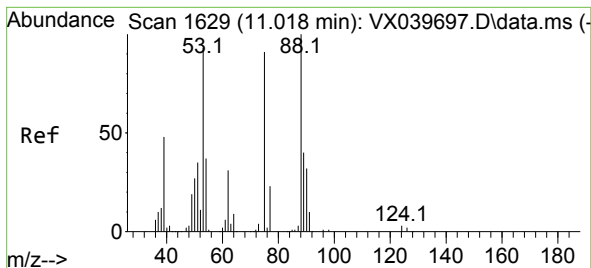
Tgt Ion: 75 Resp: 45529

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

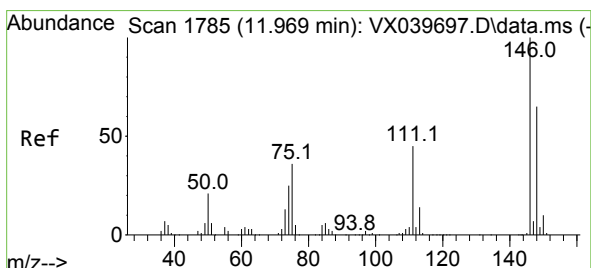
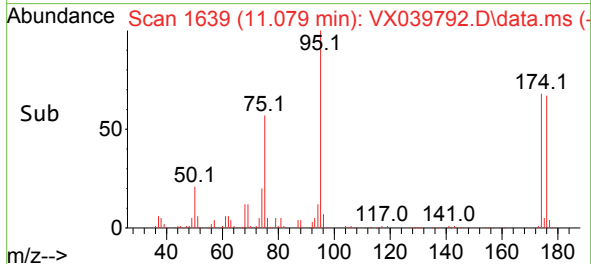
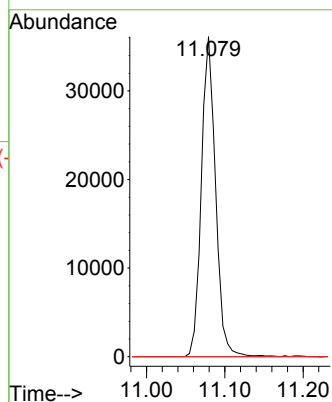
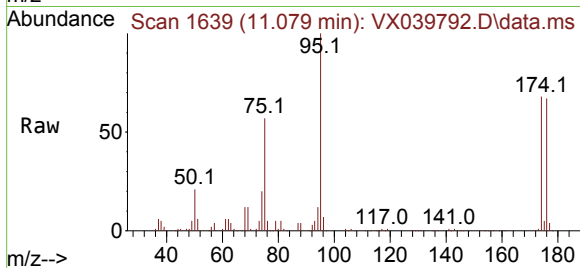




#81
trans-1,4-Dichloro-2-butene
Concen: 64.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

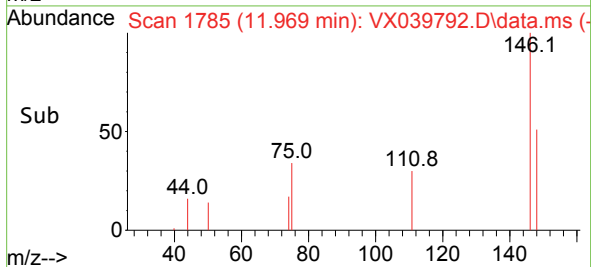
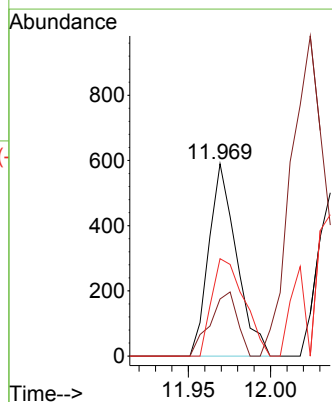
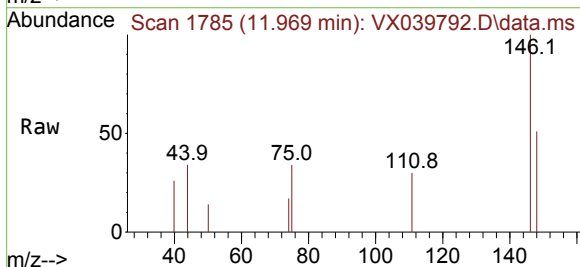
Instrument :
MSVOA_X
ClientSampleId :
IBLK

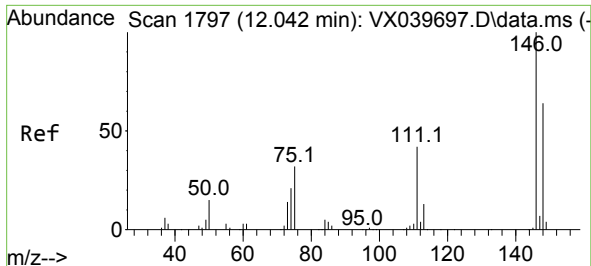
Tgt Ion: 75 Resp: 45529
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.259 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion: 146 Resp: 691
Ion Ratio Lower Upper
146 100
111 32.6 22.1 66.1
148 59.5 31.8 95.3

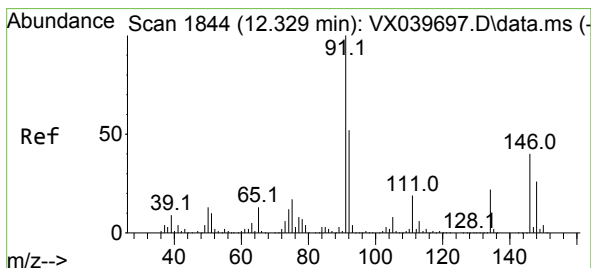
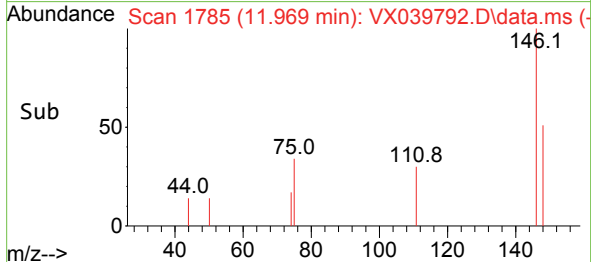
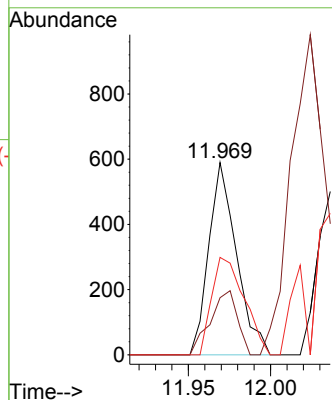
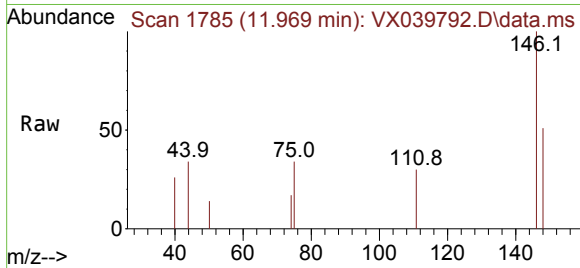




#88
1,4-Dichlorobenzene
Concen: 0.251 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

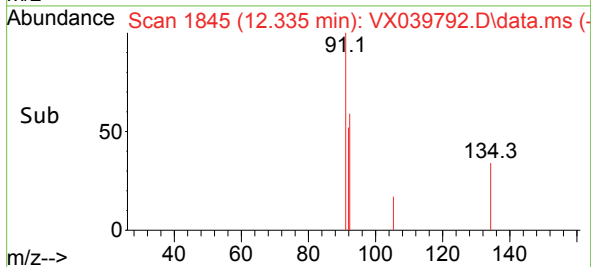
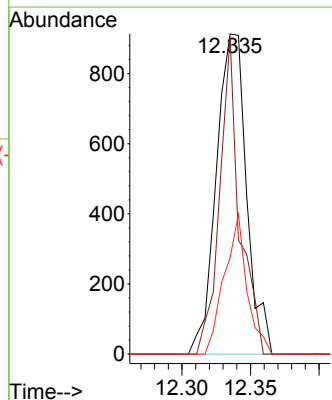
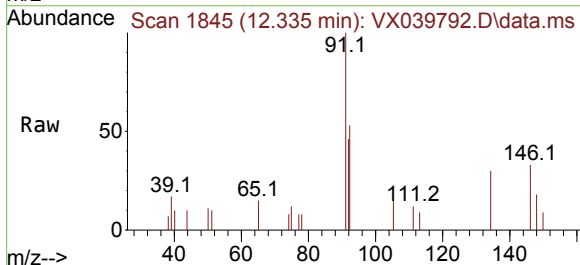
Instrument :
MSVOA_X
ClientSampleId :
IBLK

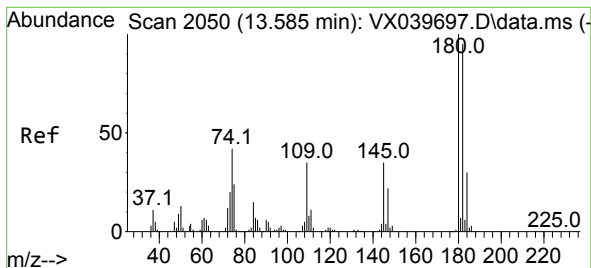
Tgt Ion:	146	Resp:	691
Ion	Ratio	Lower	Upper
146	100		
111	32.6	21.3	63.7
148	59.5	31.8	95.4



#89
n-Butylbenzene
Concen: 0.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039792.D
Acq: 17 Jan 2024 11:22

Tgt Ion:	91	Resp:	1406
Ion	Ratio	Lower	Upper
91	100		
92	64.9	27.4	82.0
134	32.5	12.6	37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.443 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

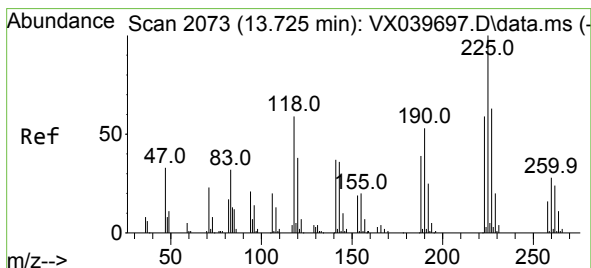
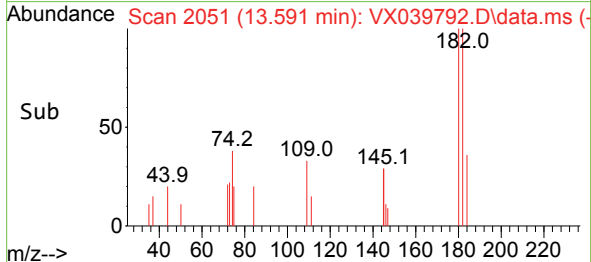
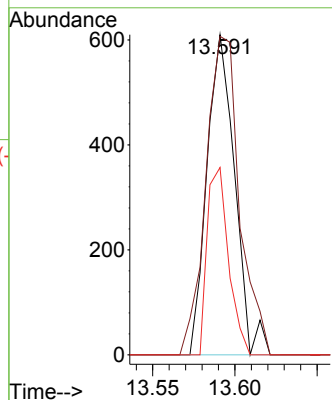
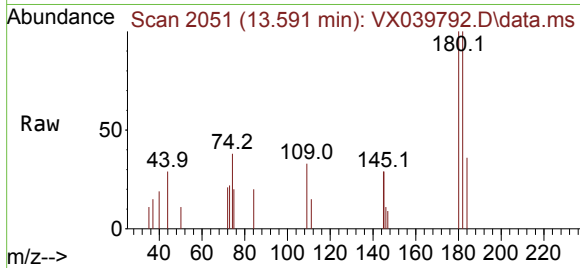
Tgt Ion:180 Resp: 714

Ion Ratio Lower Upper

180 100

182 120.7 48.3 144.8

145 45.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.447 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

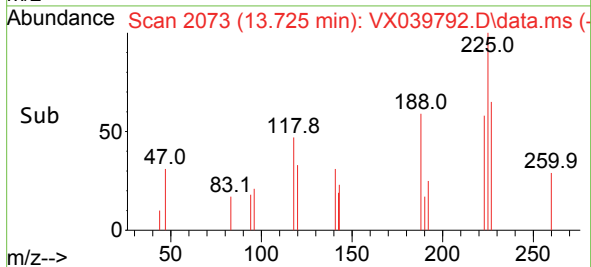
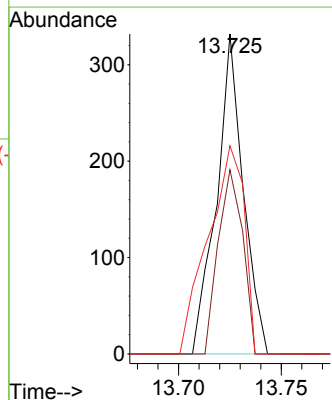
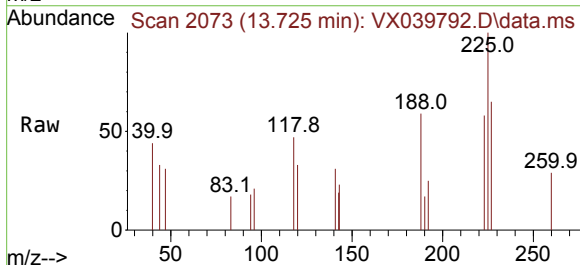
Tgt Ion:225 Resp: 299

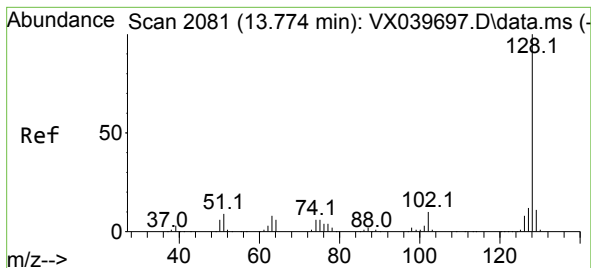
Ion Ratio Lower Upper

225 100

223 52.8 31.1 93.2

227 88.3 32.5 97.5





#95

Naphthalene

Concen: 0.455 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

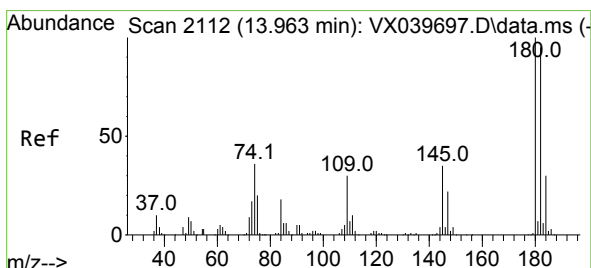
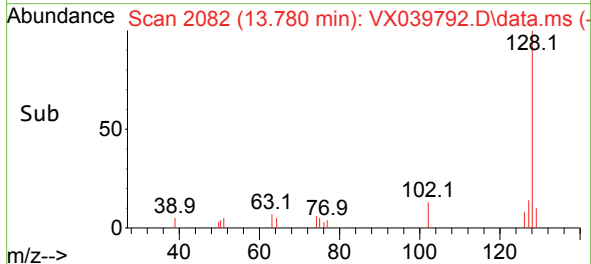
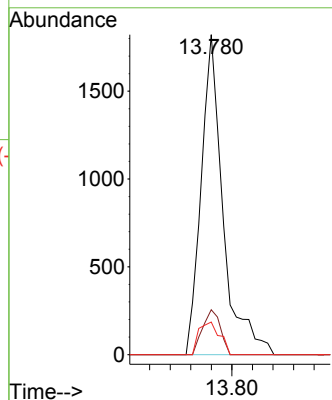
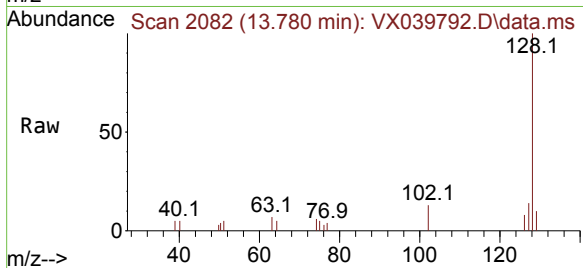
Tgt Ion:128 Resp: 2701

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 9.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.467 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039792.D

Acq: 17 Jan 2024 11:22

Tgt Ion:180 Resp: 759

Ion Ratio Lower Upper

180 100

182 90.6 46.9 140.6

145 33.5 17.8 53.5

