

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039566.D
 Acq On : 02 Jan 2024 12:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:12:15 2024
 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)

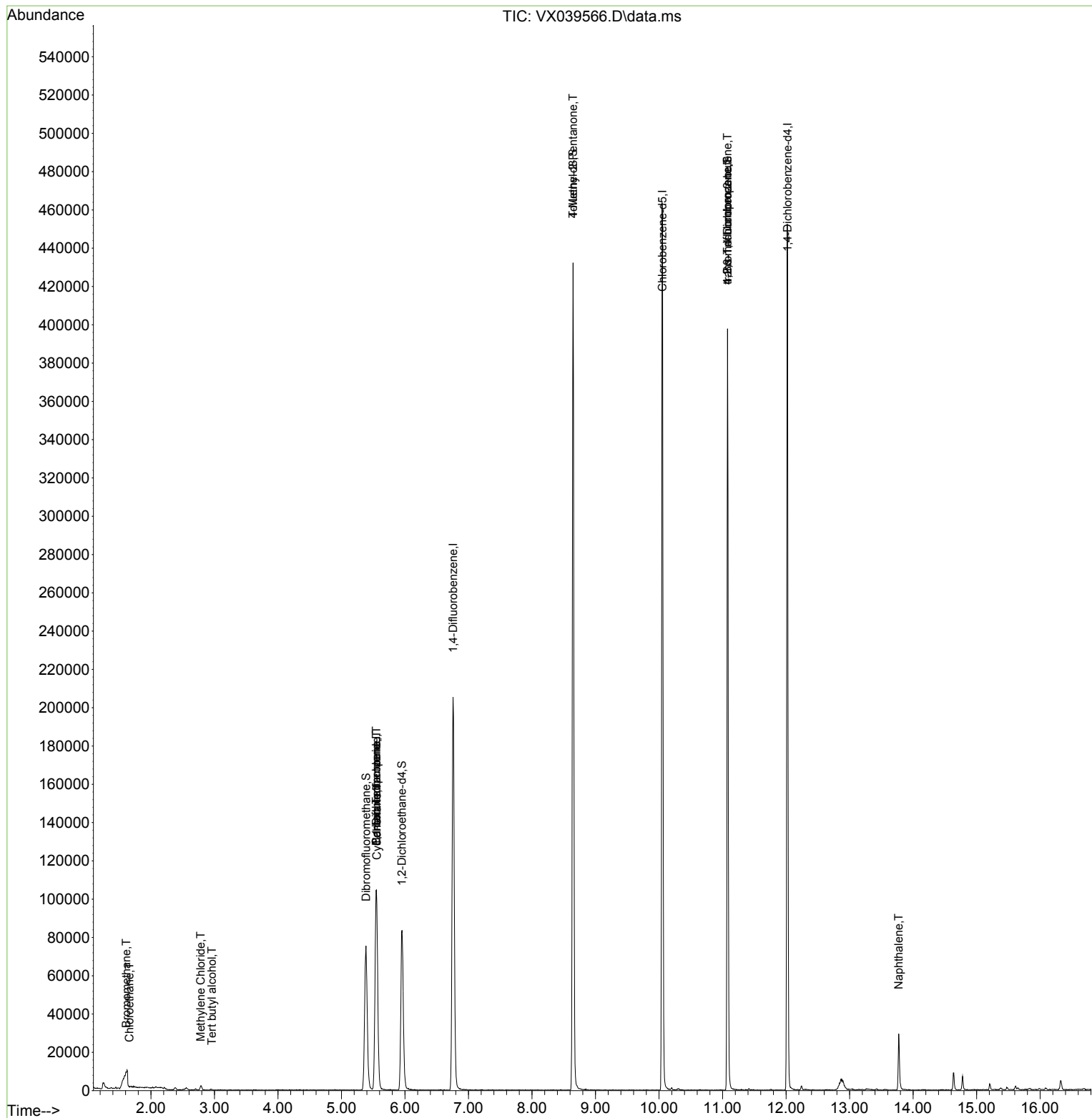
Internal Standards						
1) Pentafluorobenzene	5.550	168	95127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81495	46.765	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.385	113	65258	46.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	250742	48.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	106247	49.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	290	0.366	ug/l	82
6) Chloroethane	1.660	64	170	0.205	ug/l #	43
11) Tert butyl alcohol	2.959	59	306	0.699	ug/l #	78
16) Acetone	2.380	43	1318	Below Cal	#	85
20) Methylene Chloride	2.782	84	1092	0.752	ug/l #	83
31) Cyclohexane	5.556	56	2725	1.211	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	9095	4.140	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10582	5.047	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1312	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58029	26.003	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58029	73.354	ug/l #	5
95) Naphthalene	13.774	128	20145	3.193	ug/l	99

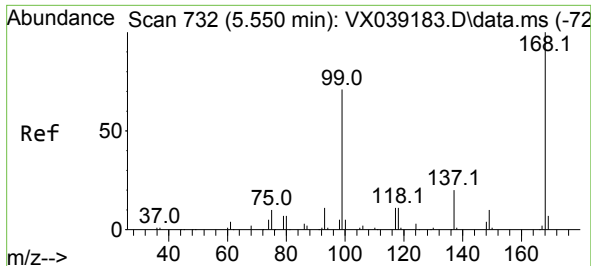
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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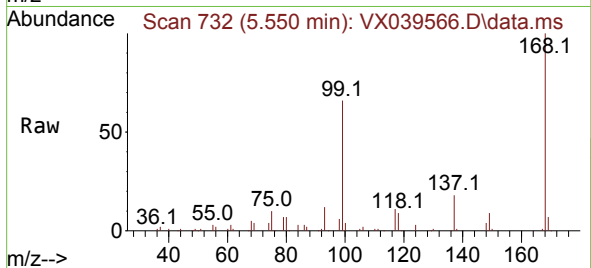
Quant Time: Jan 03 04:12:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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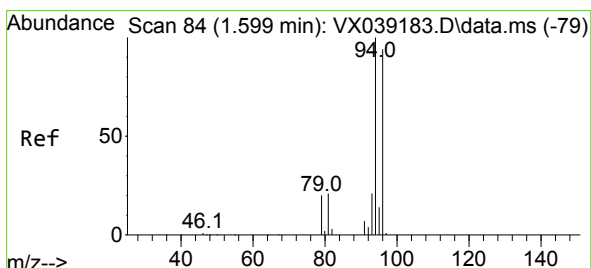
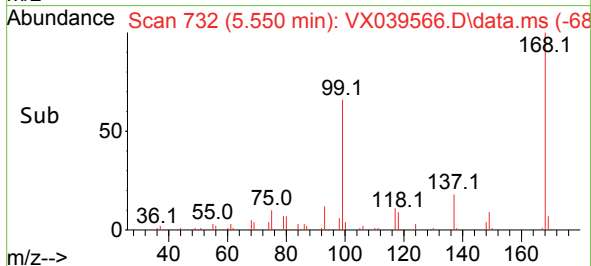
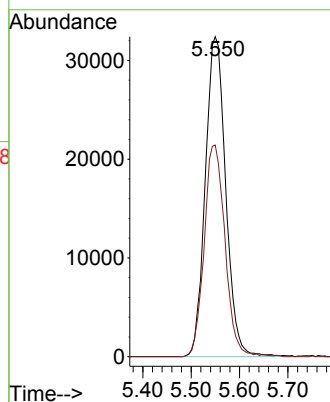


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :

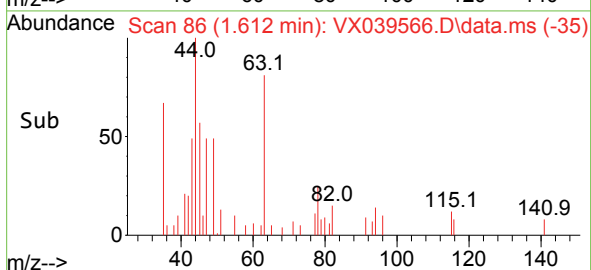
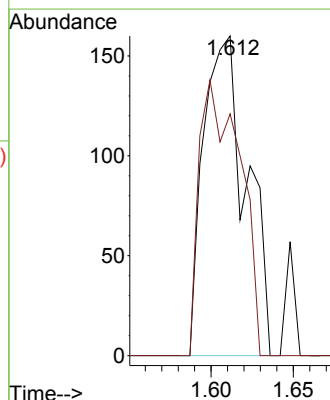
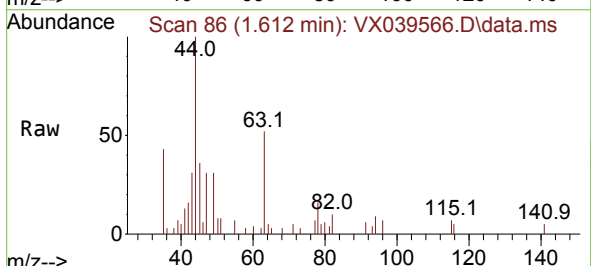


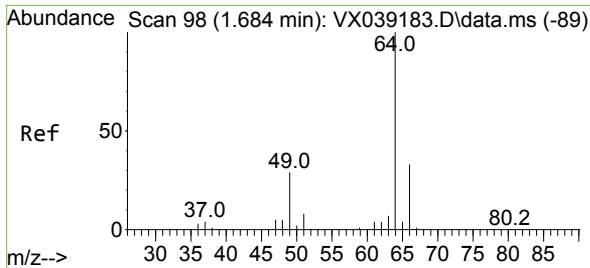
Tgt Ion:168 Resp: 95127
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#5
Bromomethane
Concen: 0.366 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

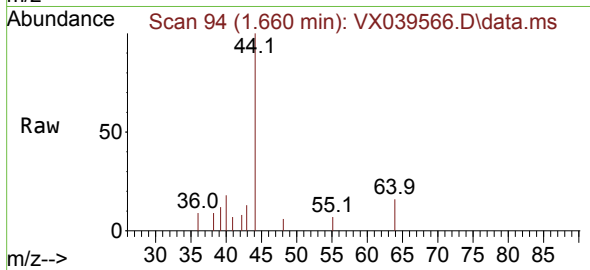
Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 75.6 74.6 111.8



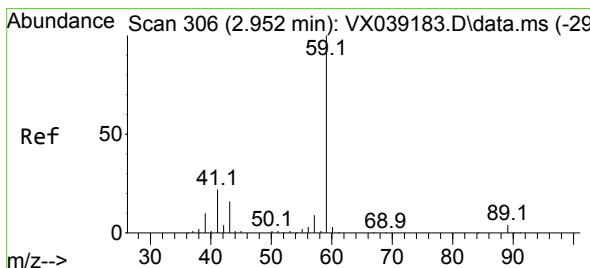
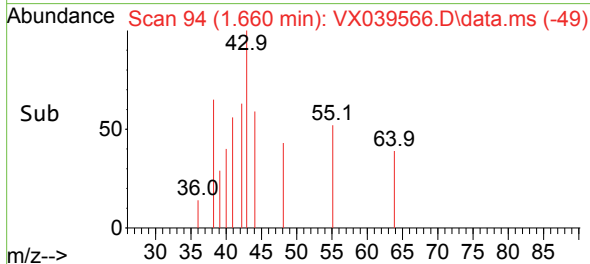
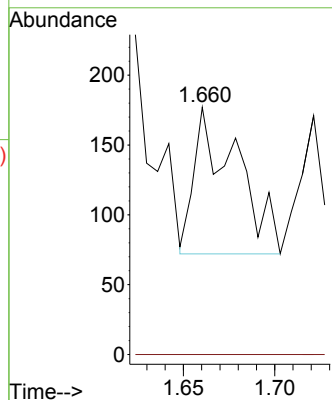


#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :

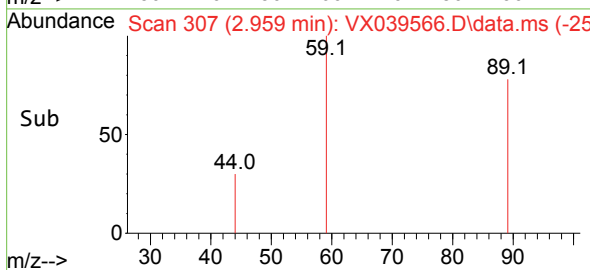
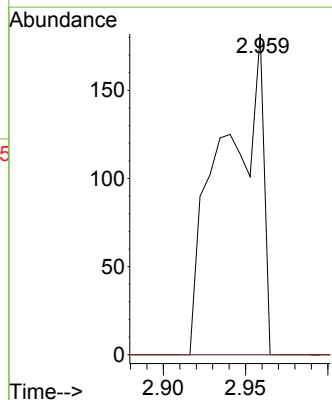
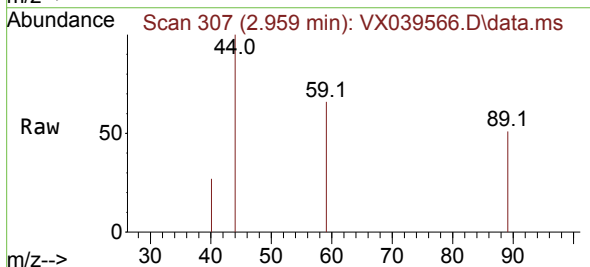


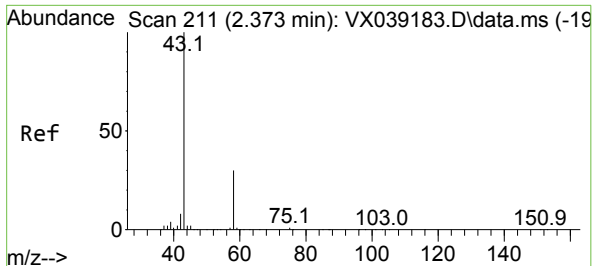
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.699 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

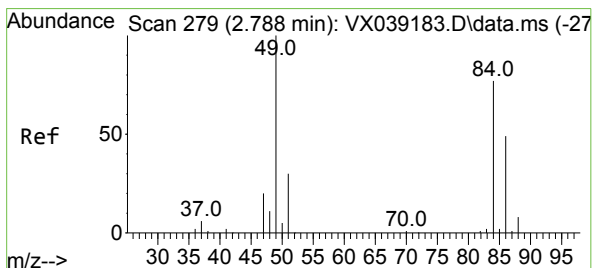
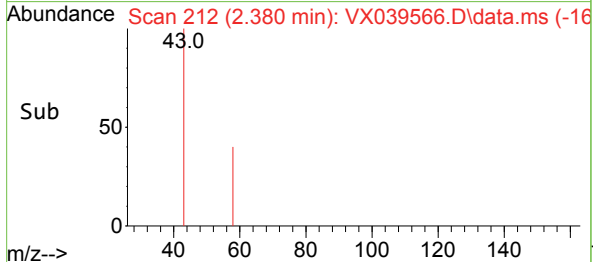
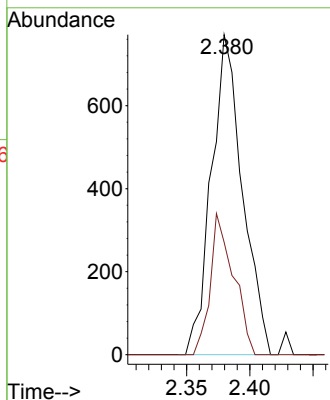
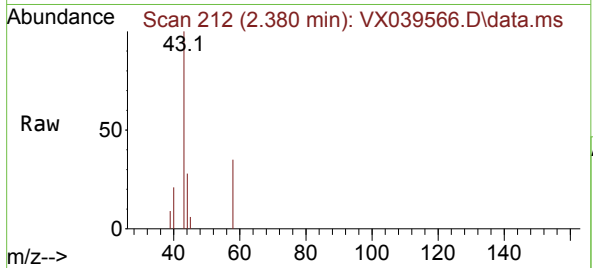




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

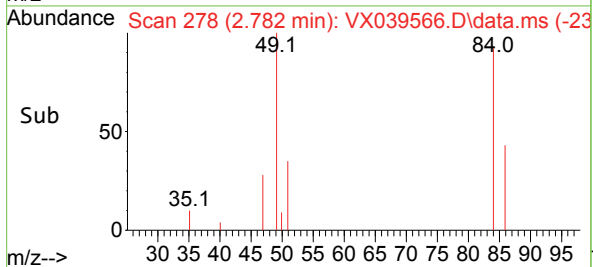
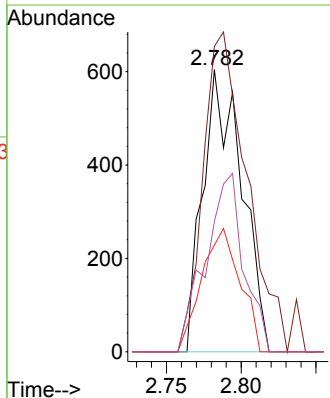
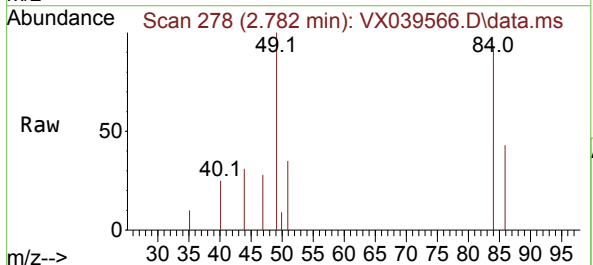
Instrument :
MSVOA_X
ClientSampleId :

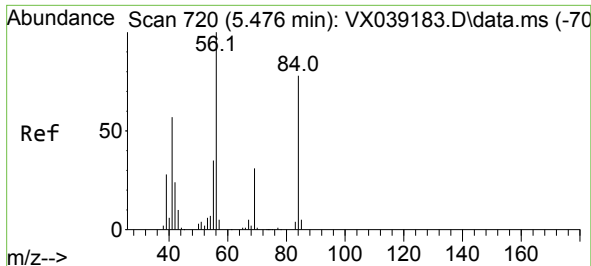
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.752 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

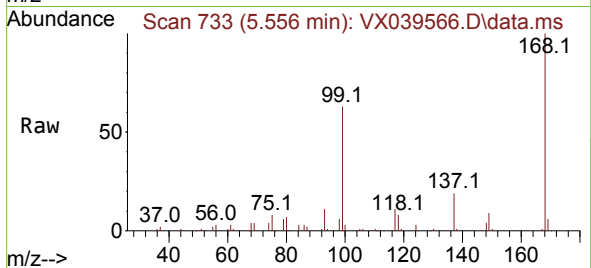
Tgt Ion: 84 Resp: 1092
Ion Ratio Lower Upper
84 100
49 108.3 103.6 155.4
51 37.7 33.8 50.6
86 46.2 49.4 74.0#



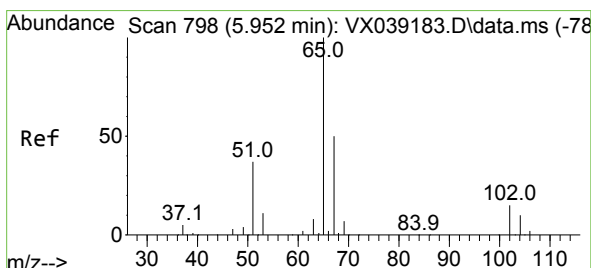
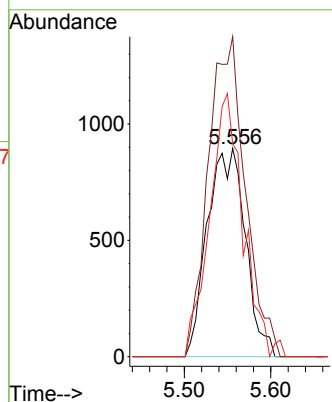
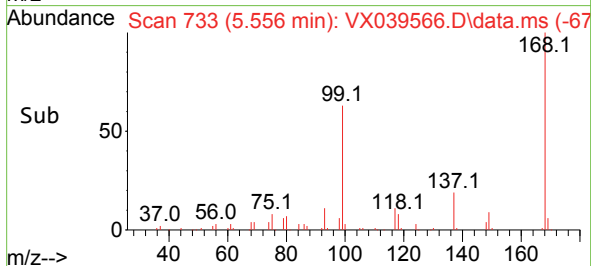


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.080 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :

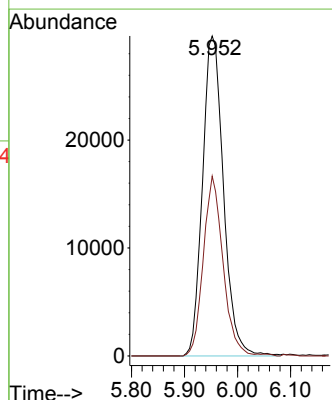
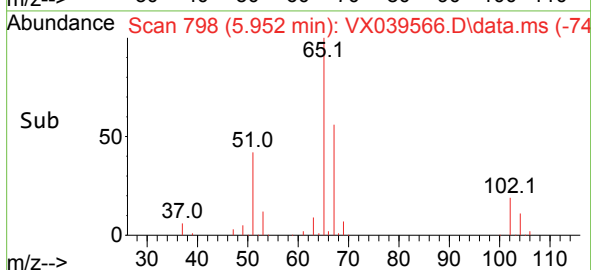
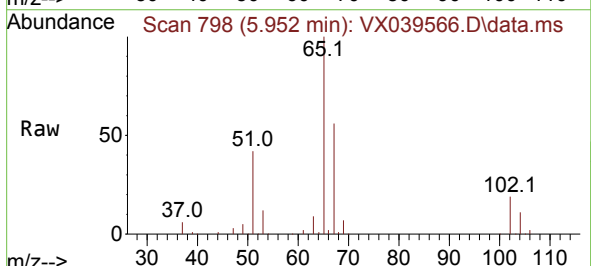


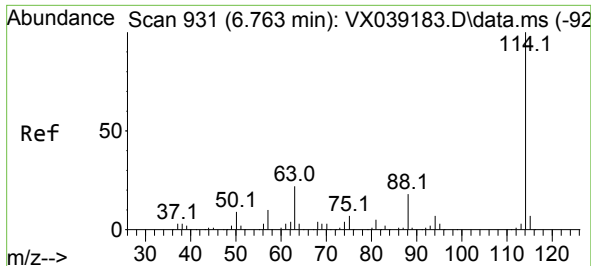
Tgt Ion: 56 Resp: 2725
Ion Ratio Lower Upper
56 100
69 153.6 23.4 35.2#
84 102.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.765 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion: 65 Resp: 81495
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

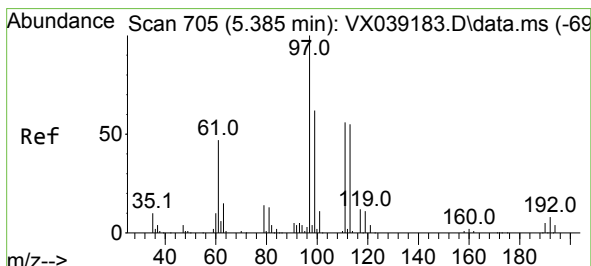
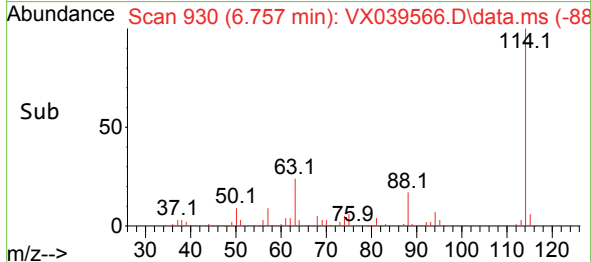
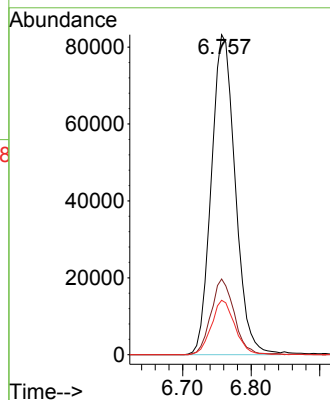
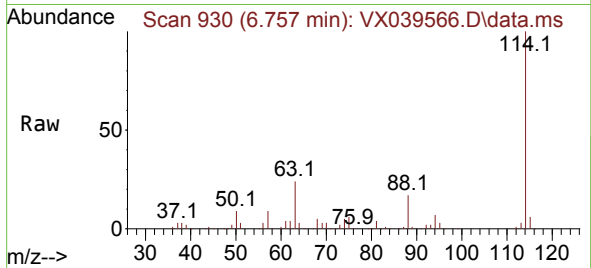




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

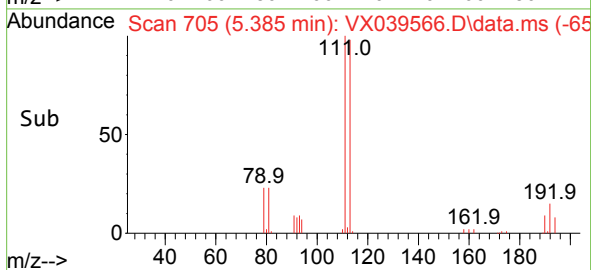
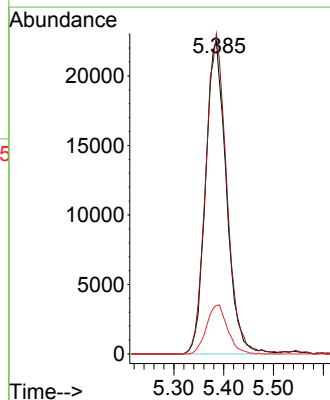
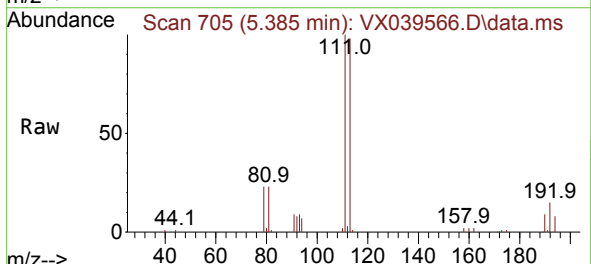
Instrument :
MSVOA_X
ClientSampleId :

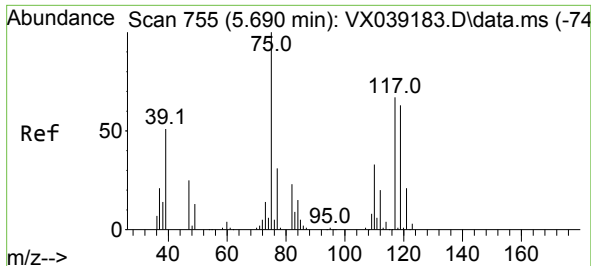
Tgt Ion:114 Resp: 201530
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

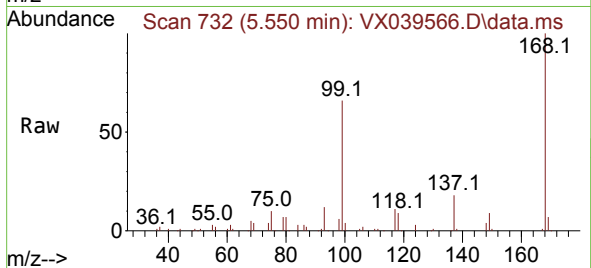
Tgt Ion:113 Resp: 65258
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.9 13.3 19.9



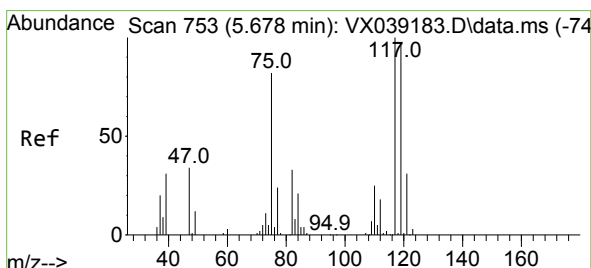
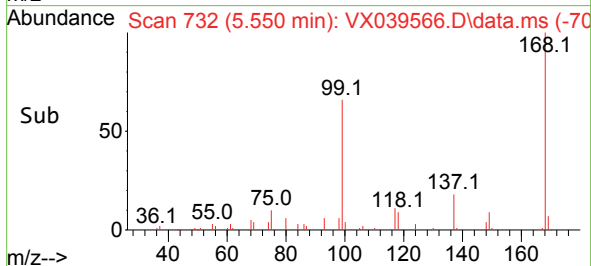
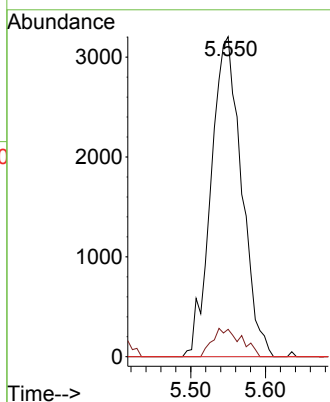


#36
1,1-Dichloropropene
Concen: 4.140 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :

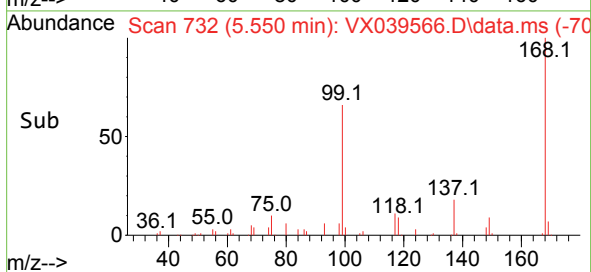
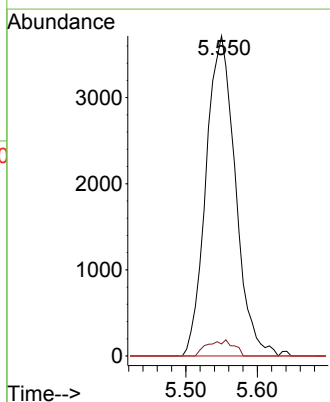
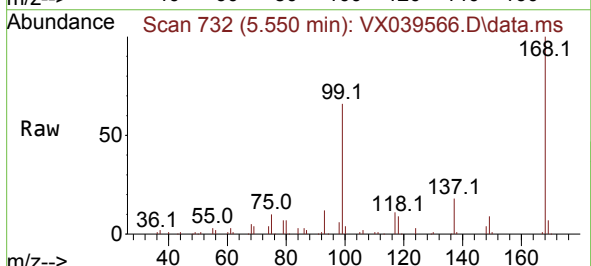


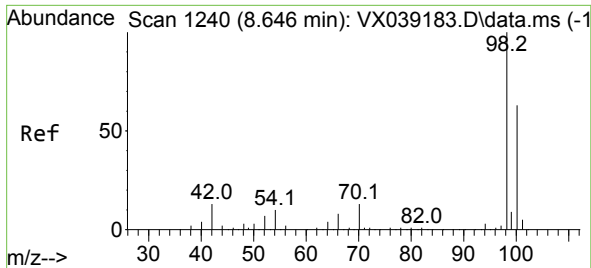
Tgt Ion: 75 Resp: 9095
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.047 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion: 117 Resp: 10582
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

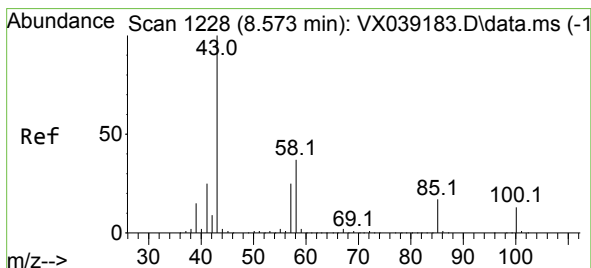
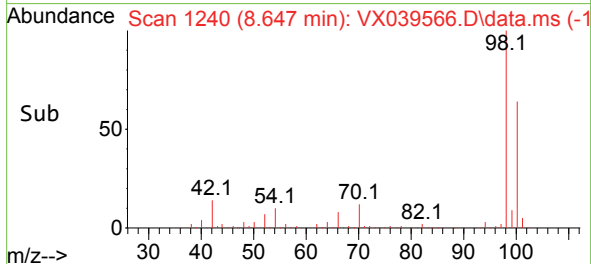
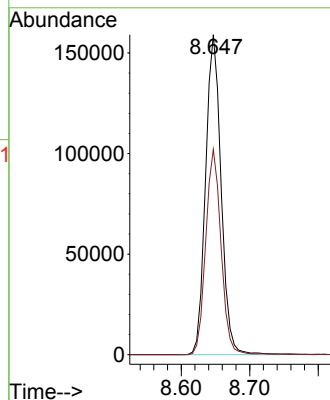
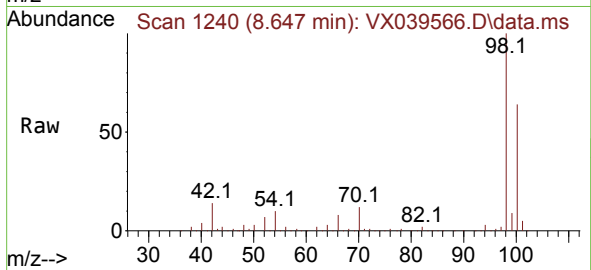




#50
Toluene-d8
Concen: 48.510 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

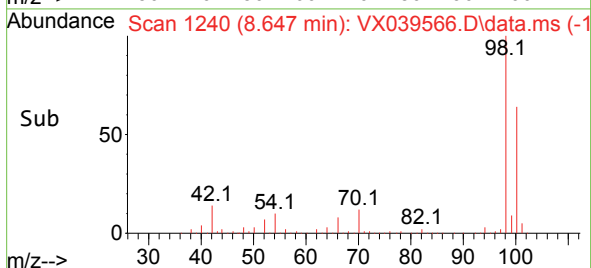
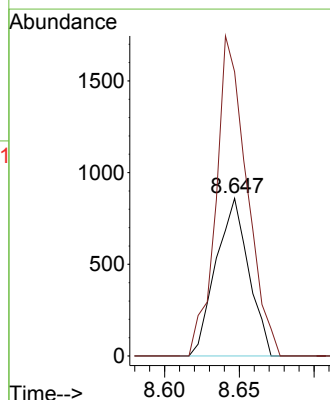
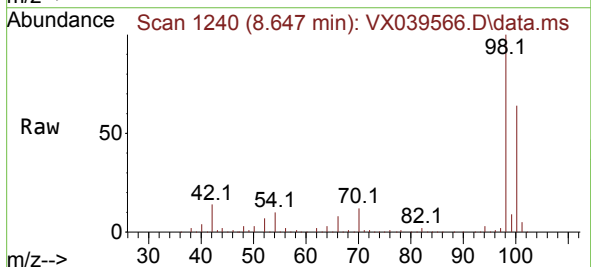
Instrument :
MSVOA_X
ClientSampleId :

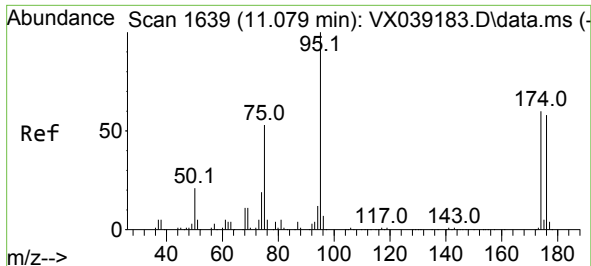
Tgt Ion: 98 Resp: 250742
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 190.9 30.4 45.6#

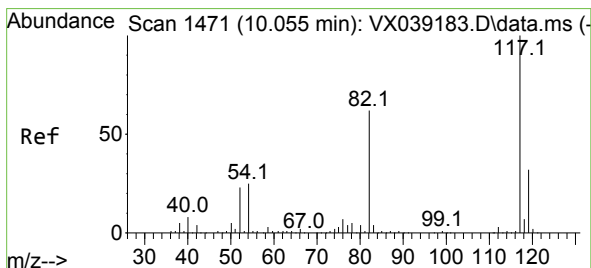
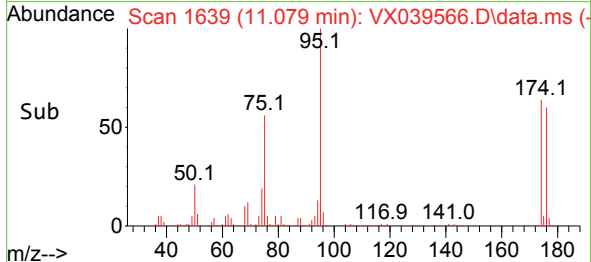
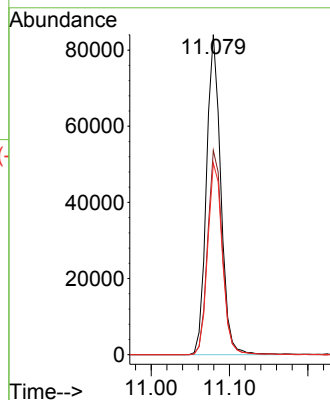
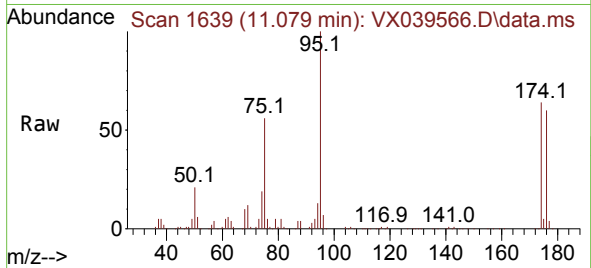




#62
4-Bromofluorobenzene
Concen: 49.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

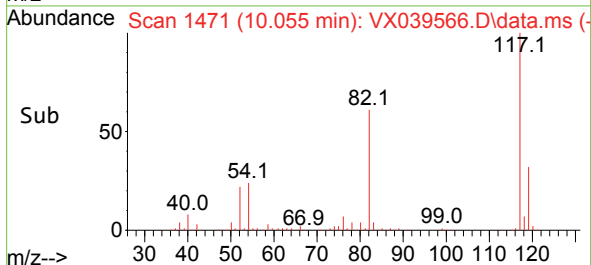
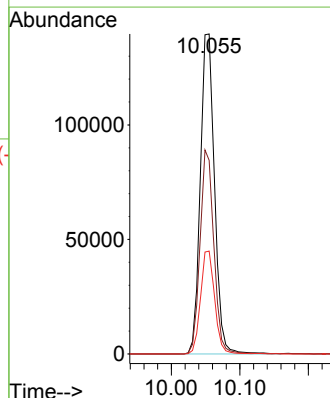
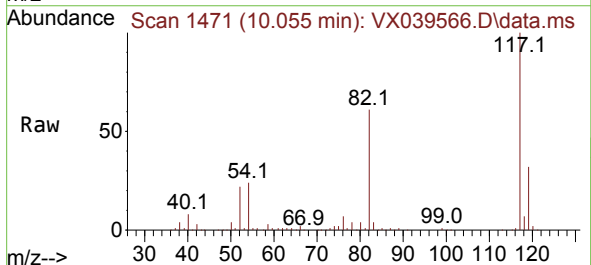
Instrument :
MSVOA_X
ClientSampleId :

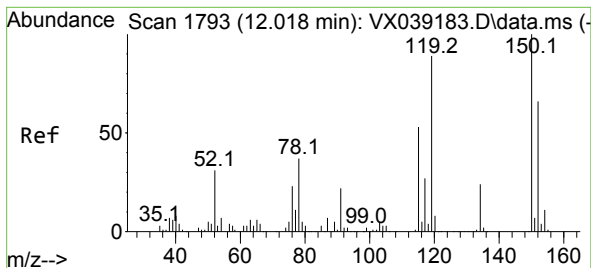
Tgt Ion: 95 Resp: 106247
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 61.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion: 117 Resp: 201812
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039566.D

Acq: 02 Jan 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

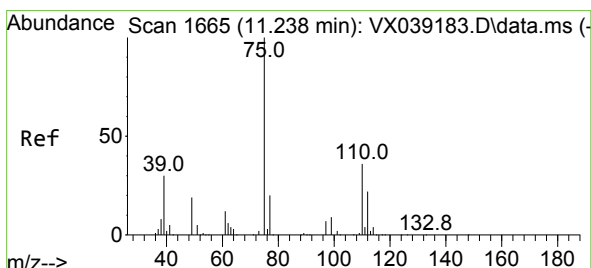
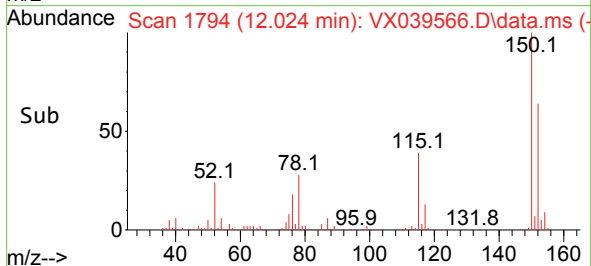
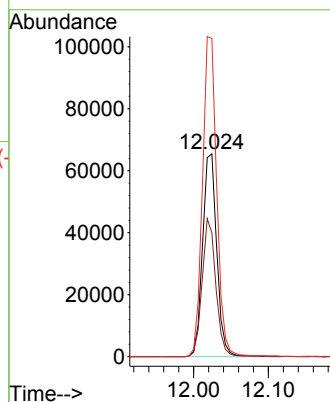
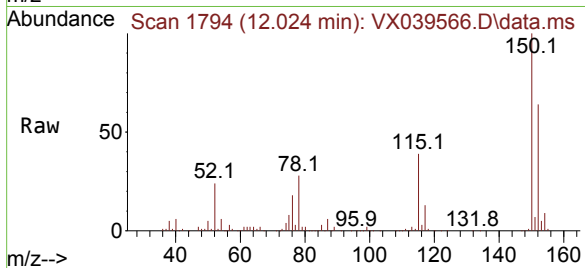
Tgt Ion:152 Resp: 86258

Ion Ratio Lower Upper

152 100

115 65.8 43.3 129.9

150 159.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.003 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039566.D

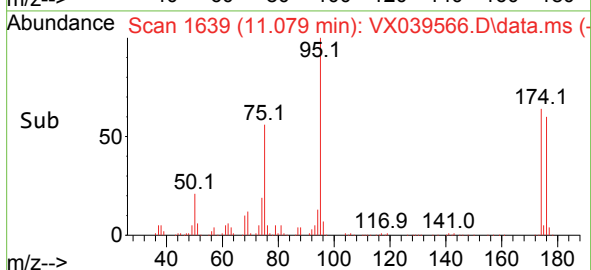
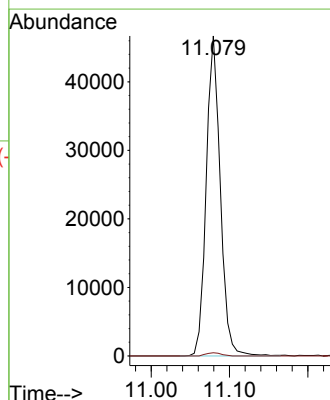
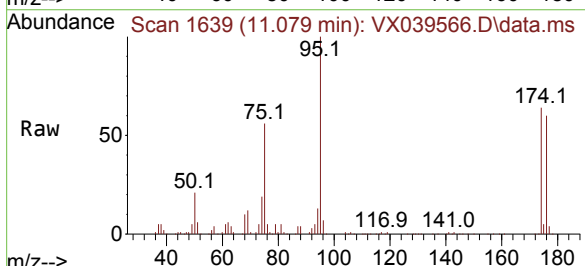
Acq: 02 Jan 2024 12:52

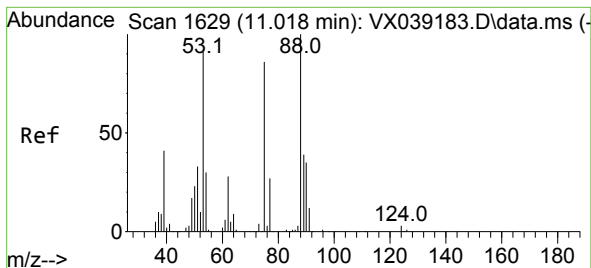
Tgt Ion: 75 Resp: 58029

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

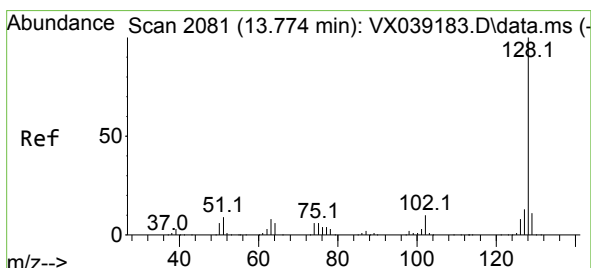
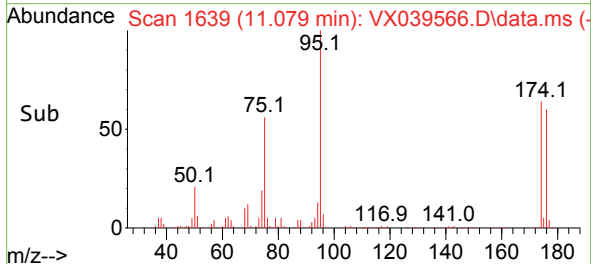
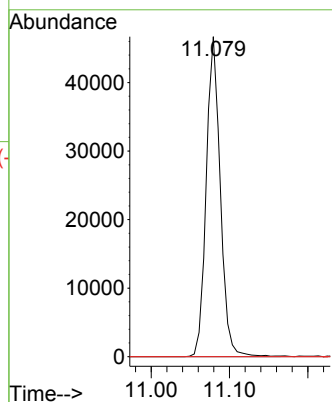
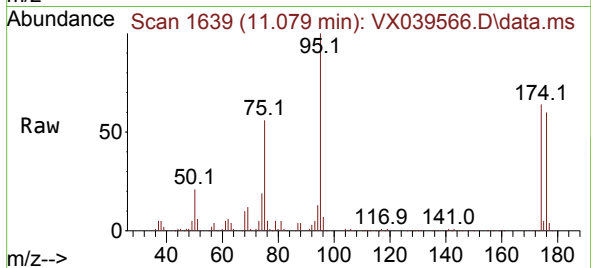




#81
trans-1,4-Dichloro-2-butene
Concen: 73.354 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58029
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.193 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039566.D
Acq: 02 Jan 2024 12:52

Tgt Ion:128 Resp: 20145
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.8 13.2

