

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039208.D
 Acq On : 14 Dec 2023 15:11
 Operator : JC/MD
 Sample : 05829-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 03:01:29 2023
 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	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	236218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98367	48.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	75448	48.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	288597	49.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	132049	54.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.860%

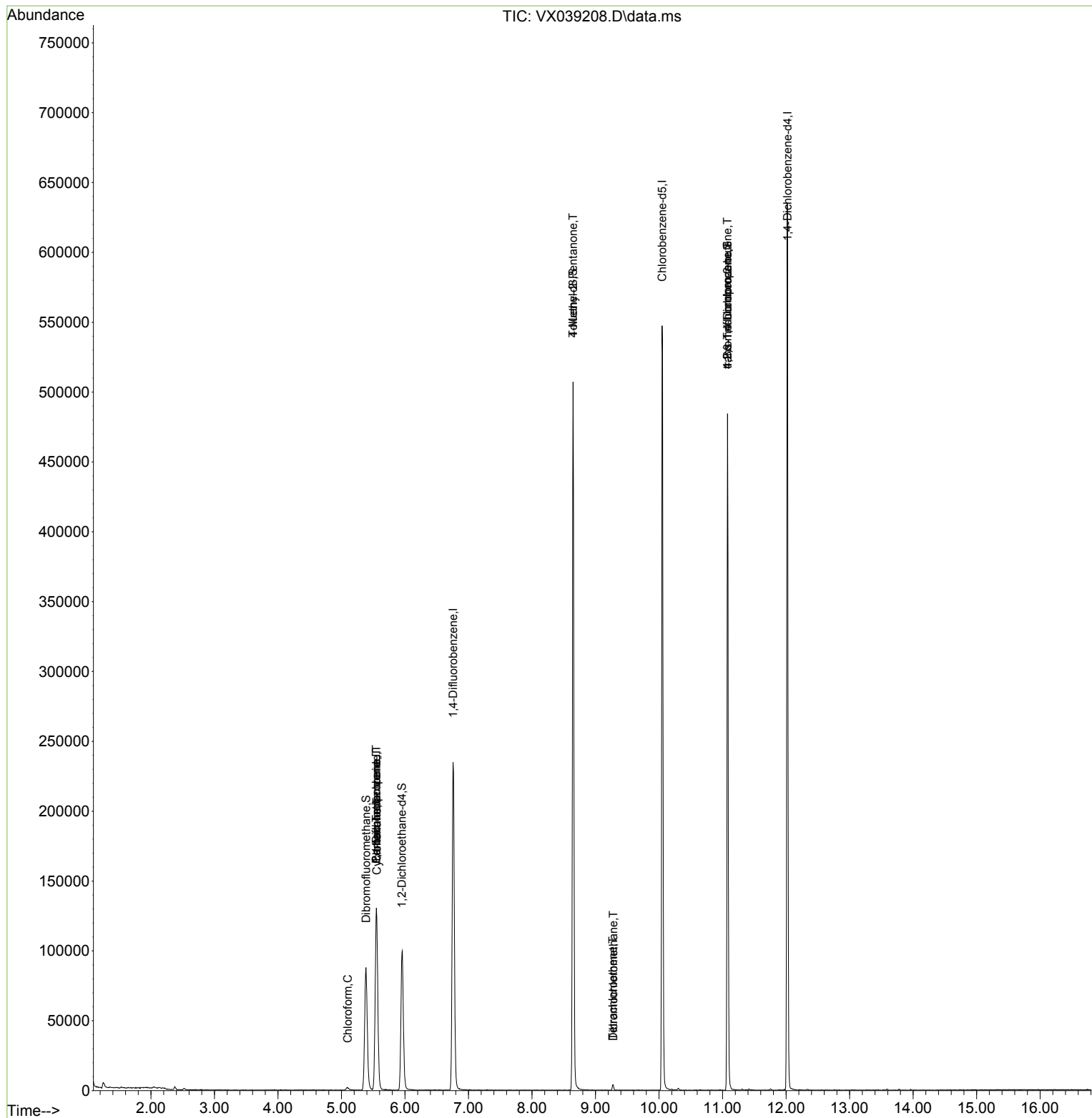
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.374	43	2333	Below Cal		97
30) Chloroform	5.099	83	2432	0.816	ug/l	84
31) Cyclohexane	5.556	56	3430	1.303	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	10718	4.328	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12501	5.289	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1593	0.503	ug/l #	1
60) Dibromochloromethane	9.281	129	678	0.380	ug/l #	11
64) Tetrachloroethene	9.275	164	628	0.407	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	73029	24.124	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	73029	68.054	ug/l #	5

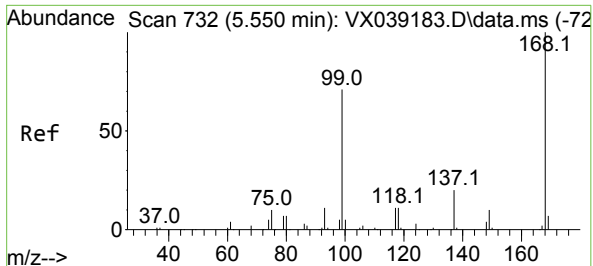
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
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MSVOA_X
ClientSampleId :

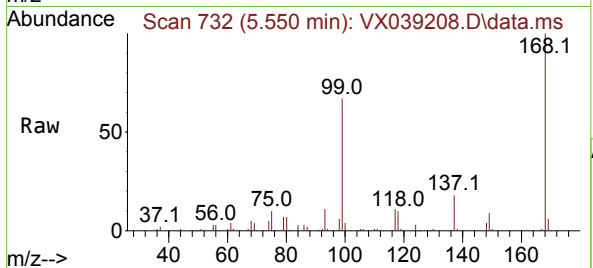
Quant Time: Dec 15 03:01:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



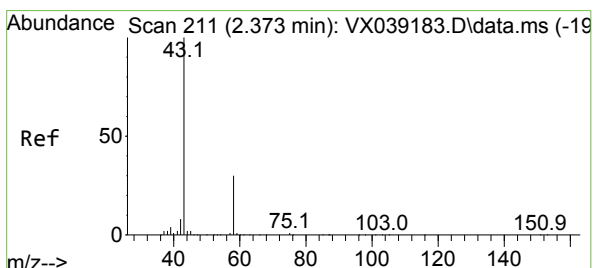
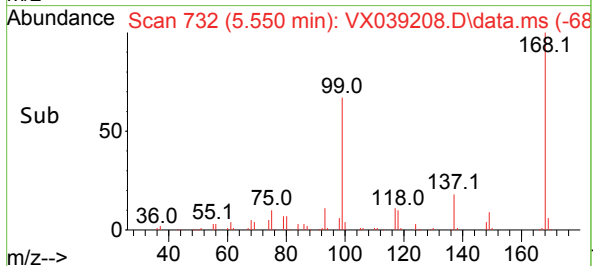
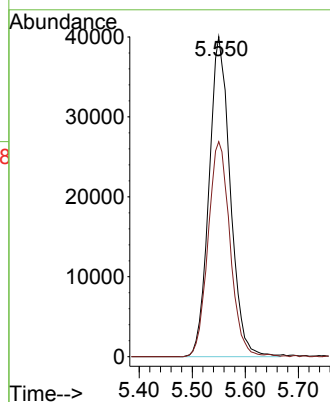


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

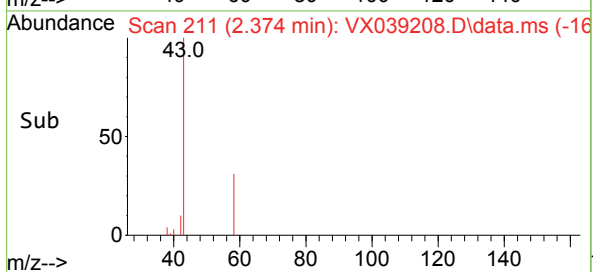
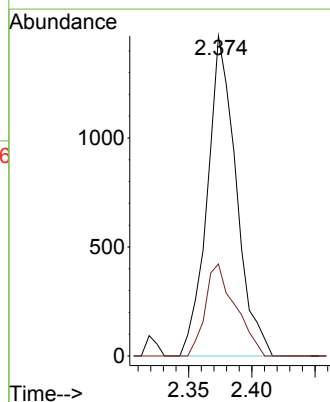
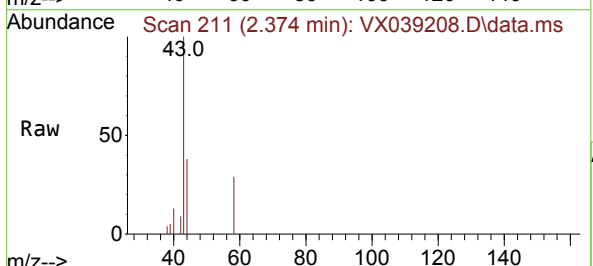


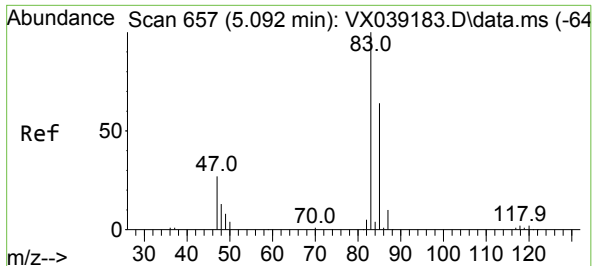
Tgt Ion:168 Resp: 111261
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#30

Chloroform

Concen: 0.816 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

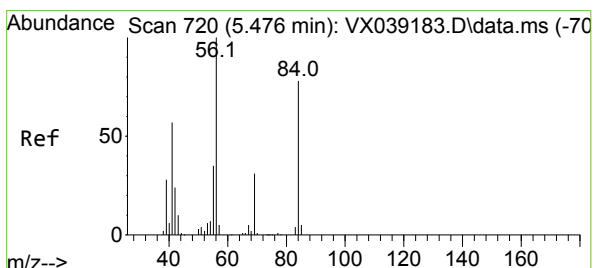
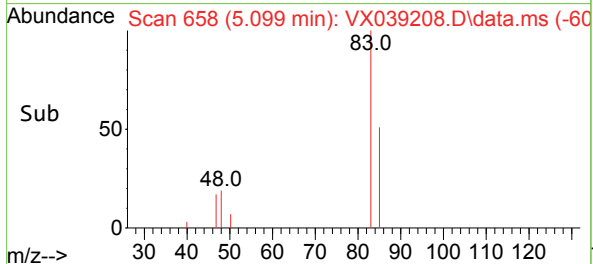
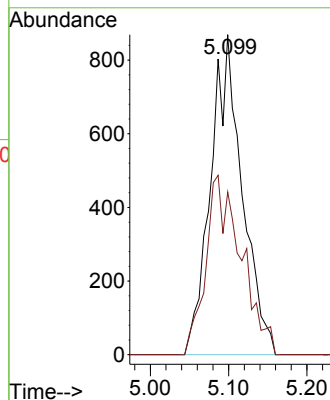
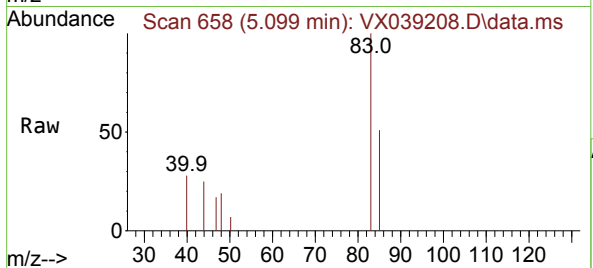
ClientSampleId :

Tgt Ion: 83 Resp: 2432

Ion Ratio Lower Upper

83 100

85 50.9 50.3 75.5



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

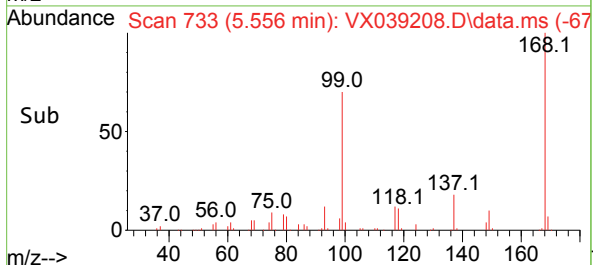
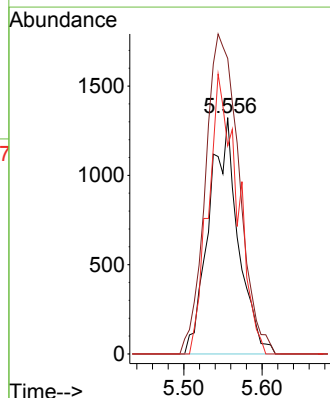
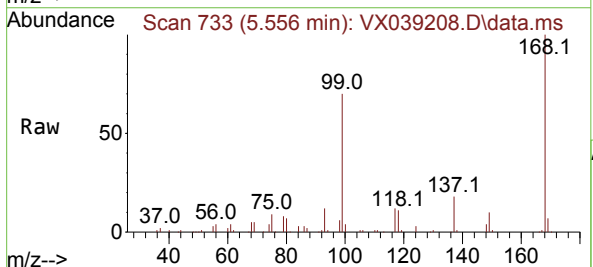
Tgt Ion: 56 Resp: 3430

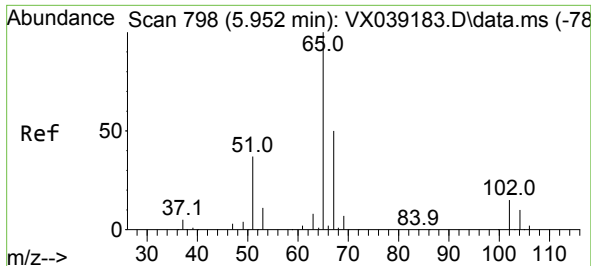
Ion Ratio Lower Upper

56 100

69 125.1 23.4 35.2#

84 88.1 65.9 98.9

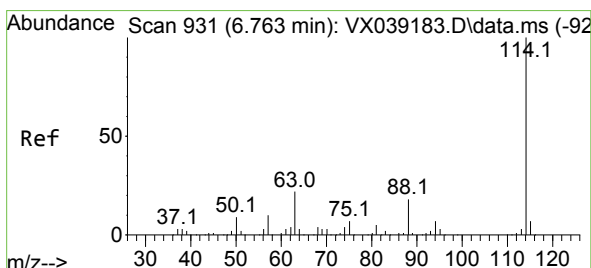
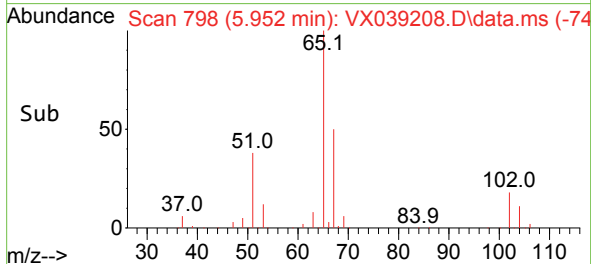
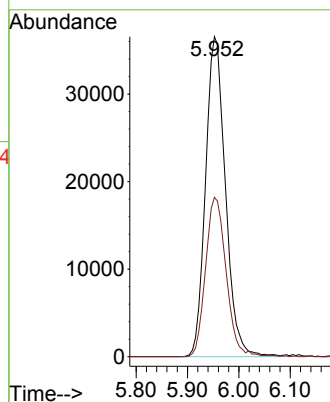
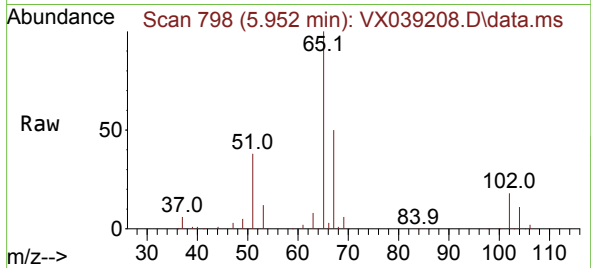




#33
1,2-Dichloroethane-d4
Concen: 48.261 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

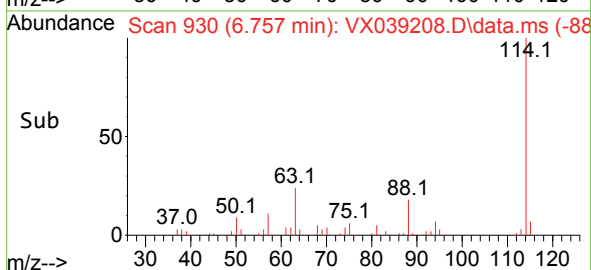
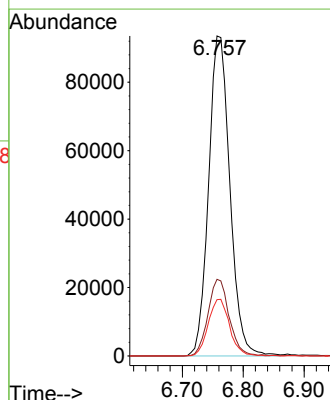
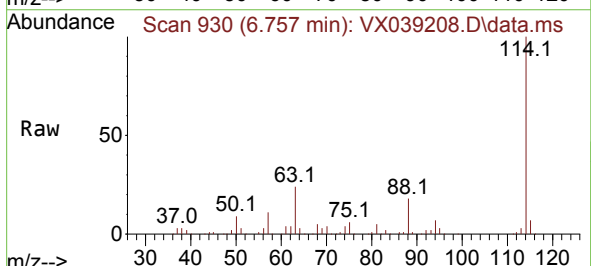
Instrument :
MSVOA_X
ClientSampleId :

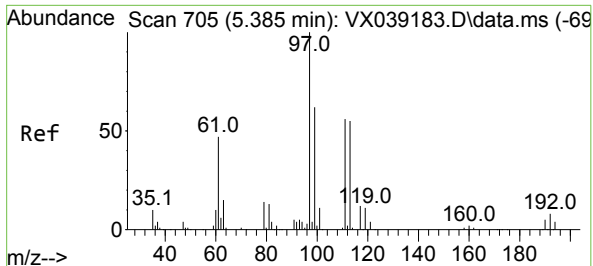
Tgt Ion: 65 Resp: 98367
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

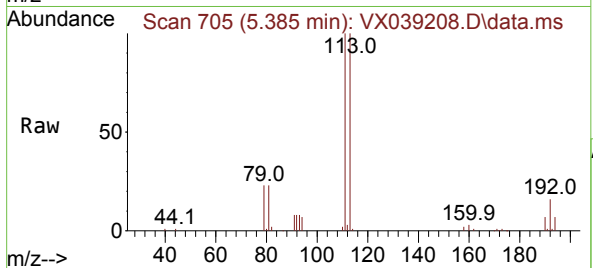
Tgt Ion:114 Resp: 227171
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.0
88 17.6 0.0 36.6



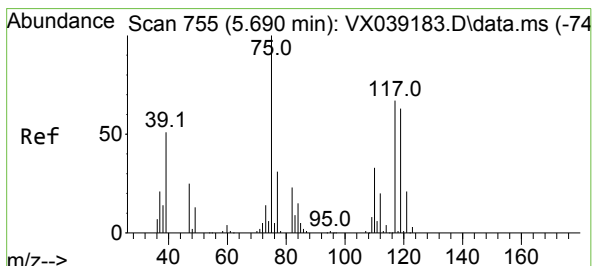
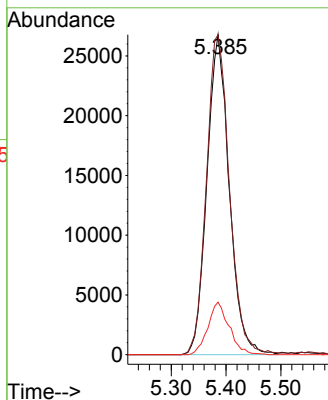
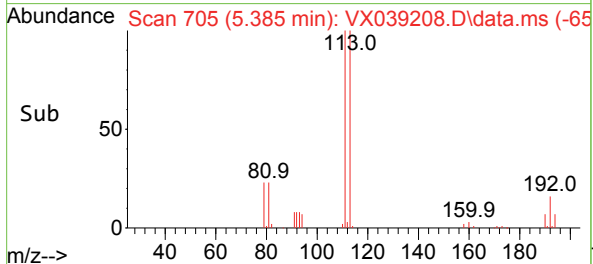


#35
Dibromofluoromethane
Concen: 48.074 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

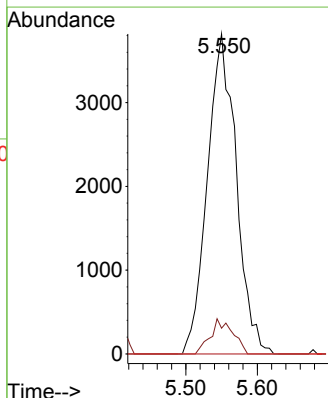
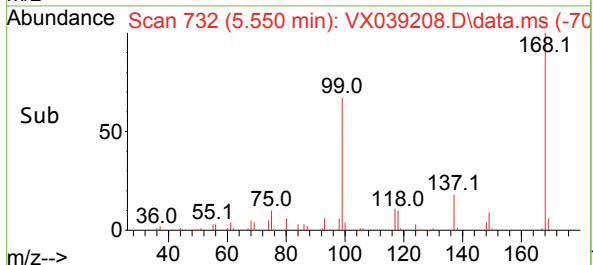
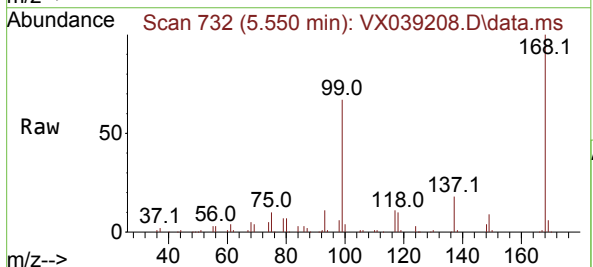


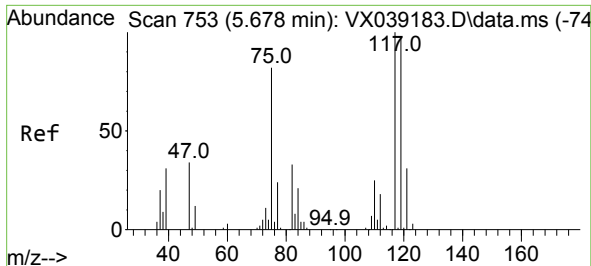
Tgt Ion:113 Resp: 75448
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

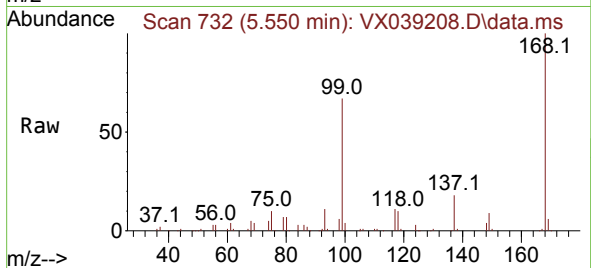
Tgt Ion: 75 Resp: 10718
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



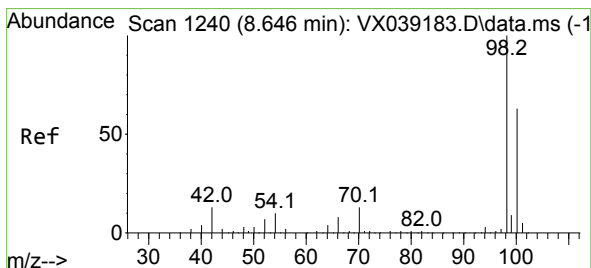
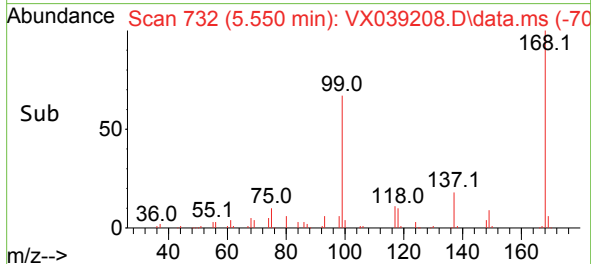
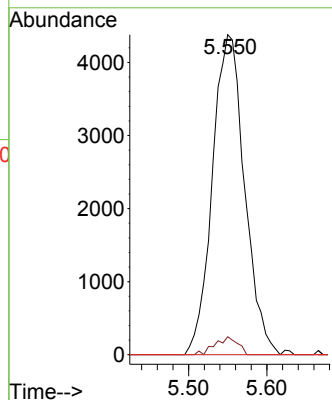


#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

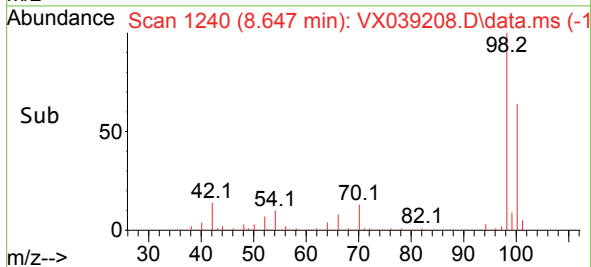
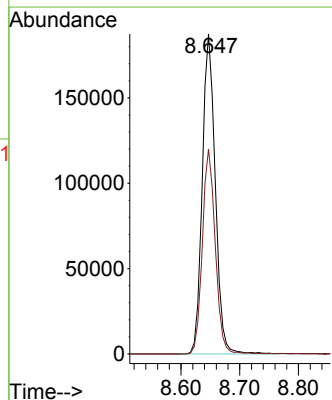
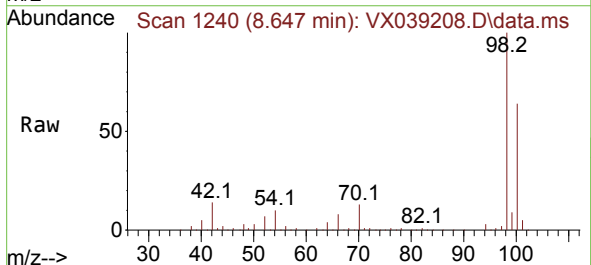


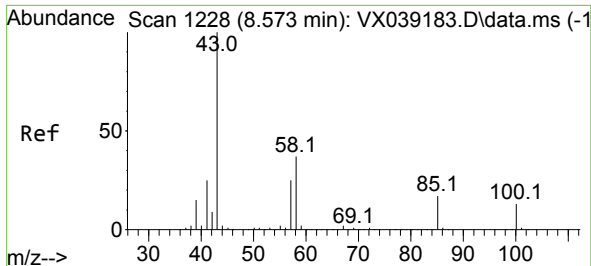
Tgt Ion:117 Resp: 12501
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion: 98 Resp: 288597
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

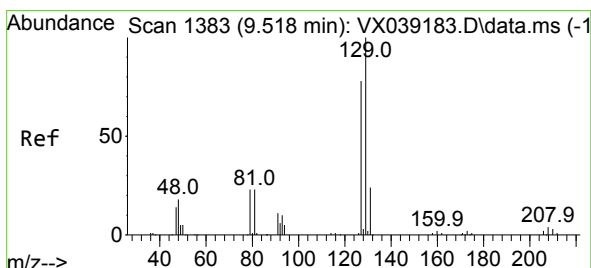
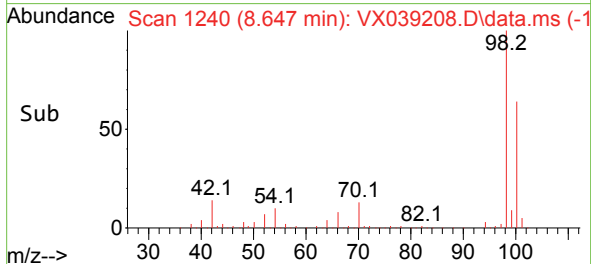
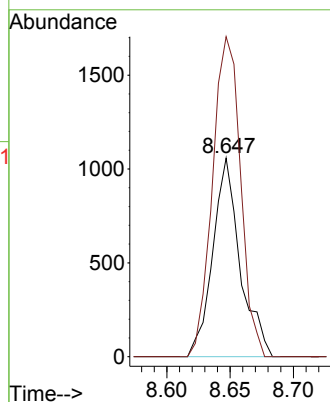
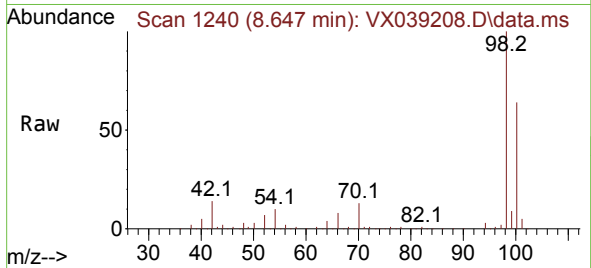




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

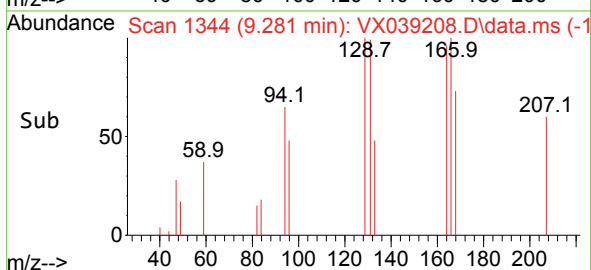
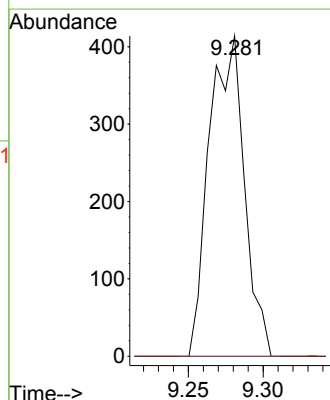
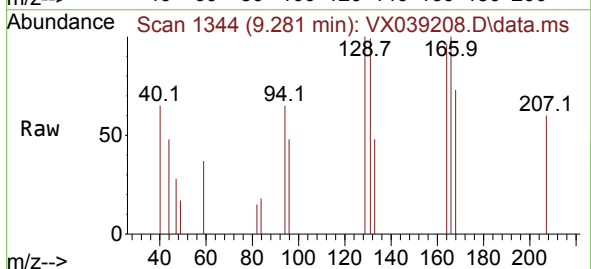
Instrument :
MSVOA_X
ClientSampleId :

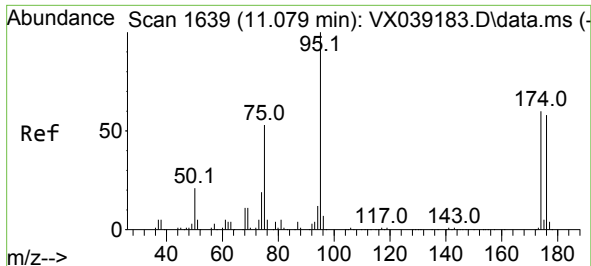
Tgt Ion: 43 Resp: 1593
Ion Ratio Lower Upper
43 100
58 164.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.380 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.237 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion: 129 Resp: 678
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 54.929 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

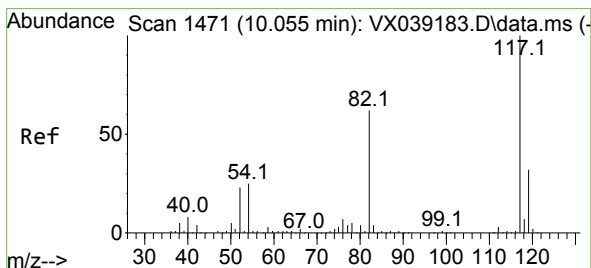
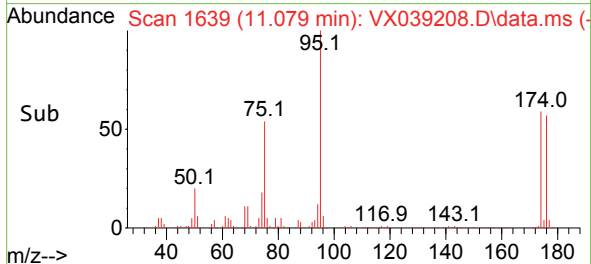
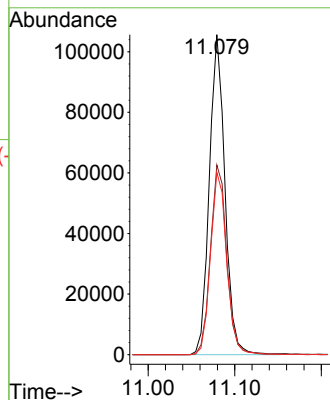
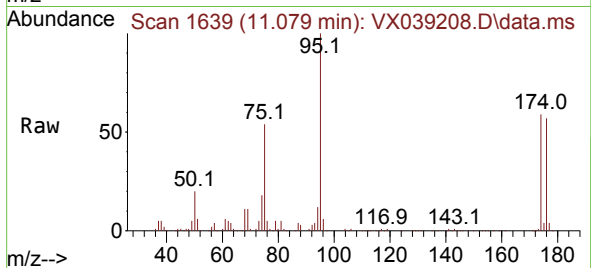
Tgt Ion: 95 Resp: 132049

Ion Ratio Lower Upper

95 100

174 61.9 0.0 135.6

176 59.2 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: VX039208.D

Acq: 14 Dec 2023 15:11

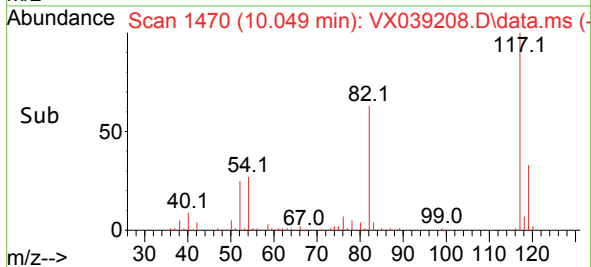
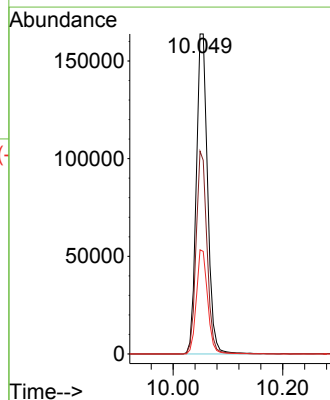
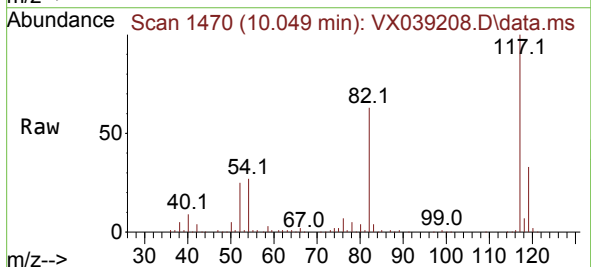
Tgt Ion: 117 Resp: 236218

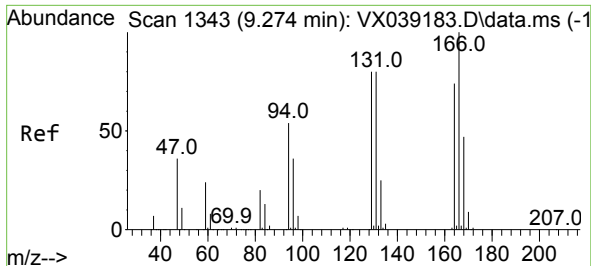
Ion Ratio Lower Upper

117 100

82 63.3 46.2 69.4

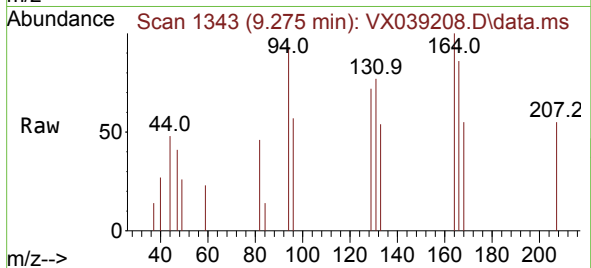
119 32.6 25.5 38.3



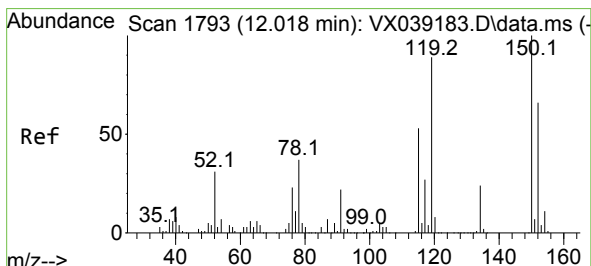
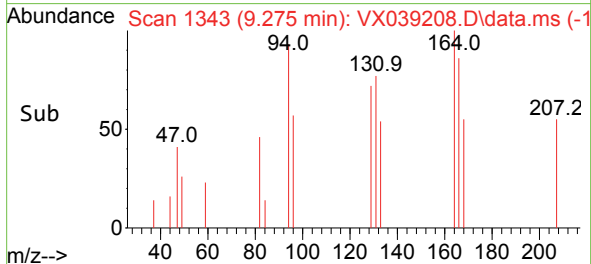
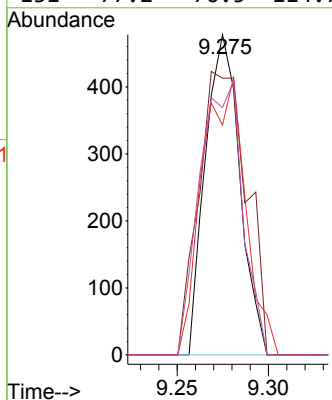


#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

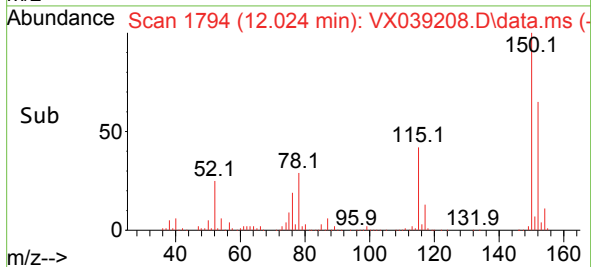
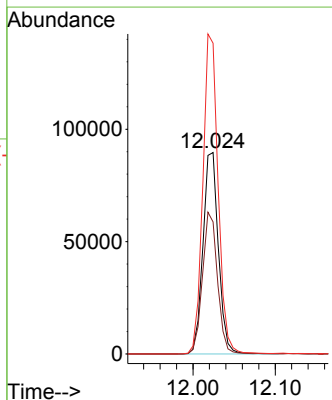
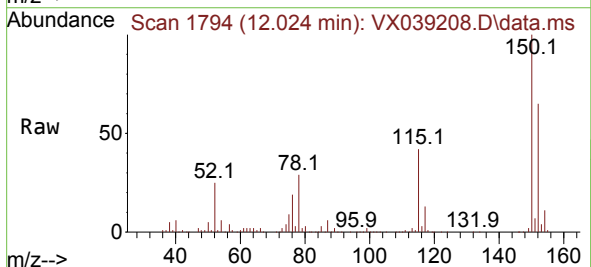


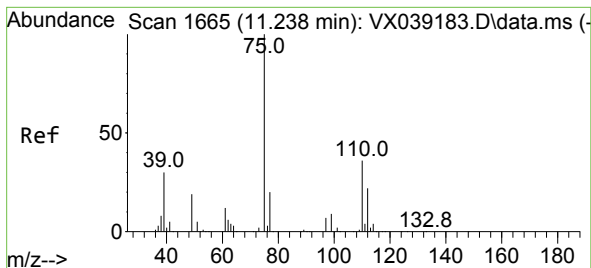
Tgt Ion:164 Resp: 628
Ion Ratio Lower Upper
164 100
166 86.4 102.7 154.1#
129 71.8 80.4 120.6#
131 77.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039208.D
Acq: 14 Dec 2023 15:11

Tgt Ion:152 Resp: 117009
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.124 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Instrument :

MSVOA_X

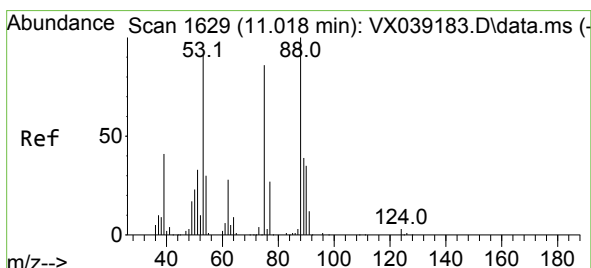
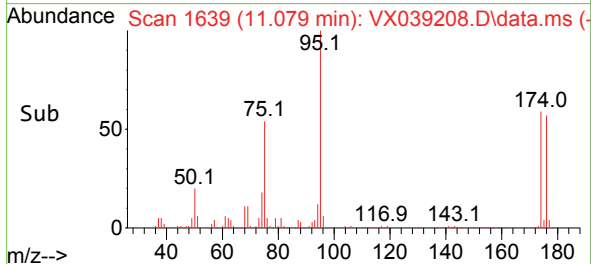
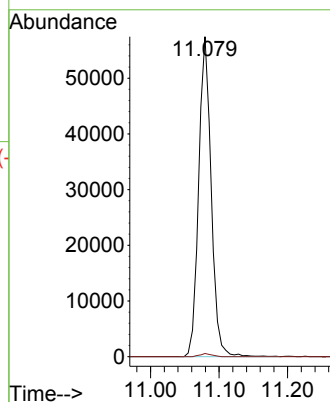
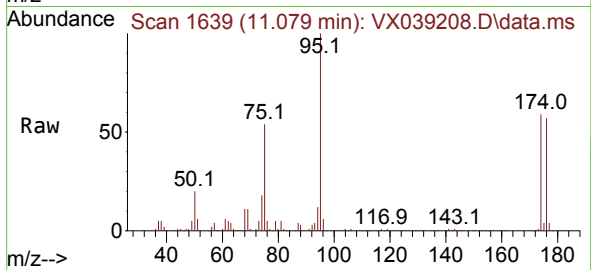
ClientSampleId :

Tgt Ion: 75 Resp: 73029

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039208.D

Acq: 14 Dec 2023 15:11

Tgt Ion: 75 Resp: 73029

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

