

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039633.D
 Acq On : 04 Jan 2024 20:05
 Operator : JC/MD
 Sample : P1034-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:47:24 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)

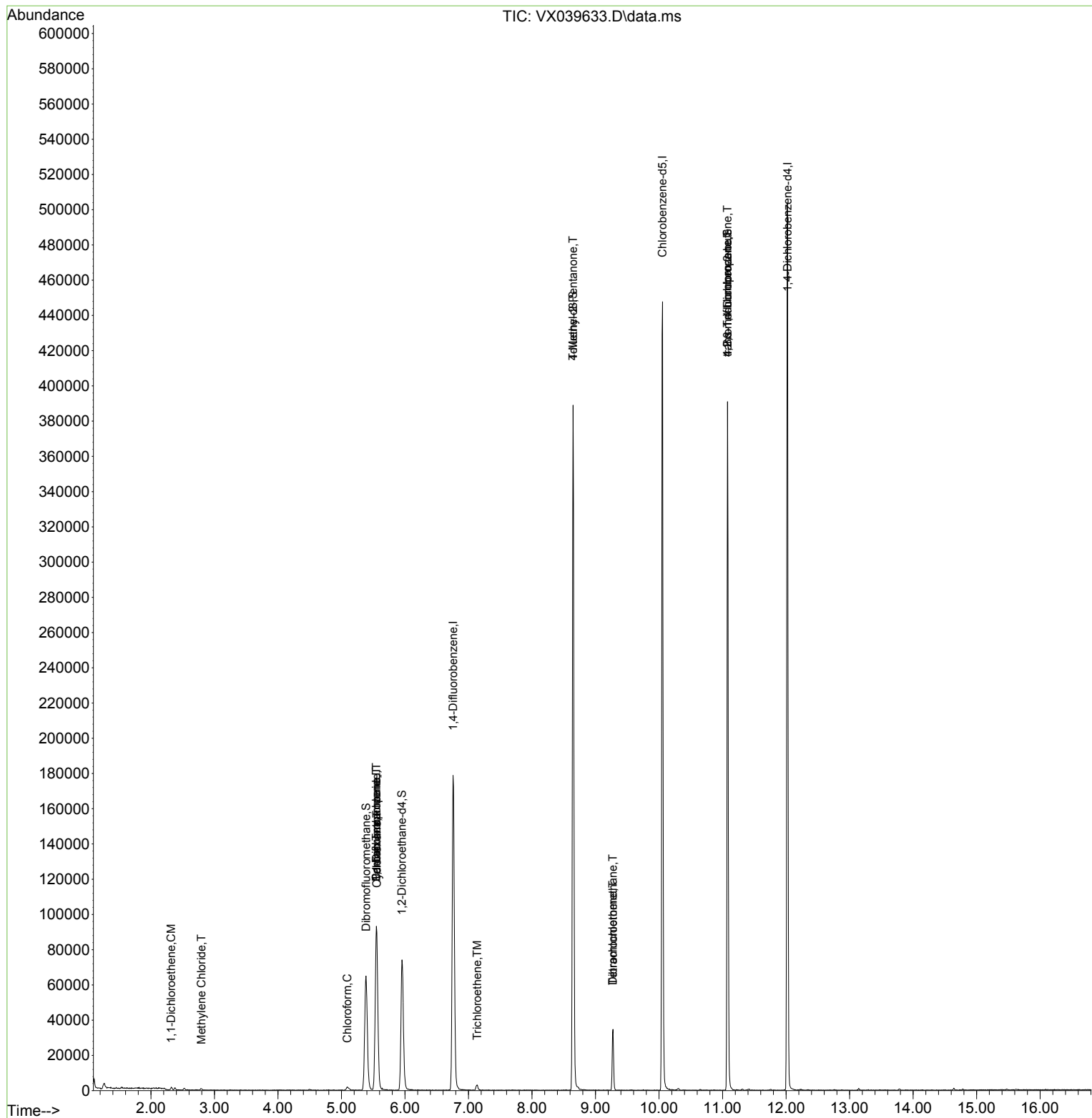
Internal Standards						
1) Pentafluorobenzene	5.550	168	81922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71106	47.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.760%
35) Dibromofluoromethane	5.385	113	57213	46.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.647	98	223002	49.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	104037	55.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	443	0.421	ug/l	83
16) Acetone	2.380	43	1184	Below Cal	#	86
20) Methylene Chloride	2.794	84	410	0.328	ug/l #	67
30) Chloroform	5.093	83	2343	1.068	ug/l #	76
31) Cyclohexane	5.556	56	2305	1.189	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	7979	4.149	ug/l #	46
38) Carbon Tetrachloride	5.550	117	9330	5.084	ug/l #	14
44) Trichloroethene	7.135	130	1291	0.940	ug/l	73
51) 4-Methyl-2-Pentanone	8.647	43	1130	0.459	ug/l #	1
60) Dibromochloromethane	9.275	129	6600	4.761	ug/l #	11
64) Tetrachloroethene	9.275	164	6092	4.888	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	57940	22.696	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57940	64.027	ug/l #	5

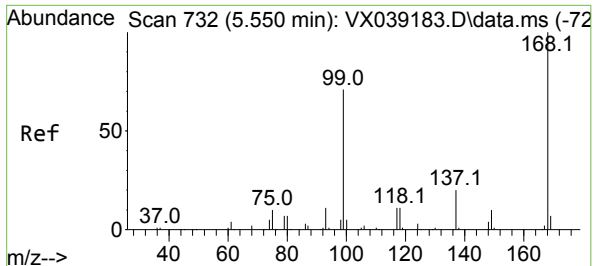
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

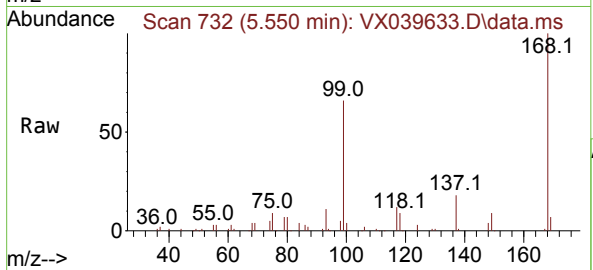
Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

Instrument :

MSVOA_X

ClientSampleId :

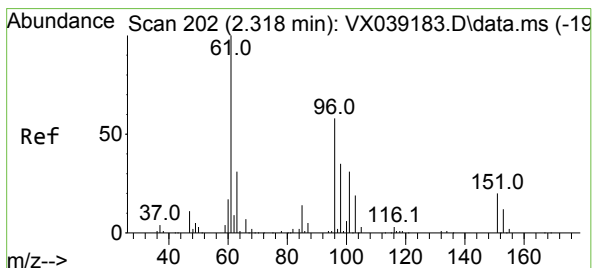
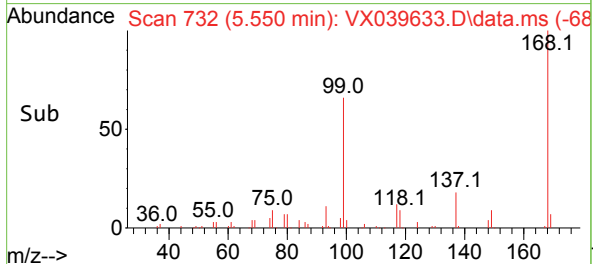
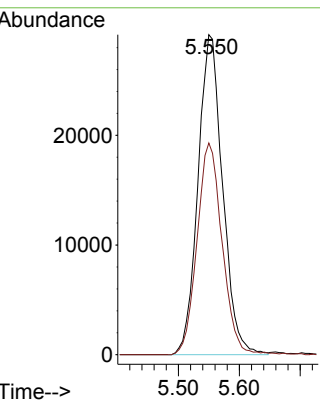


Tgt Ion:168 Resp: 81922

Ion Ratio Lower Upper

168 100

99 66.1 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.421 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

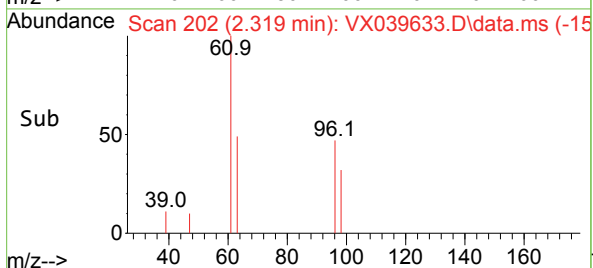
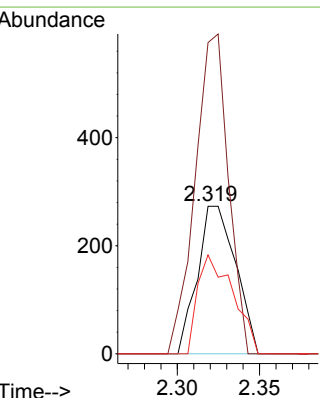
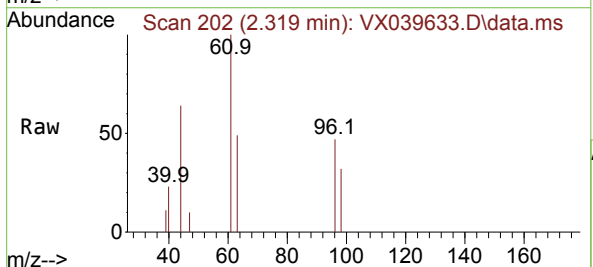
Tgt Ion: 96 Resp: 443

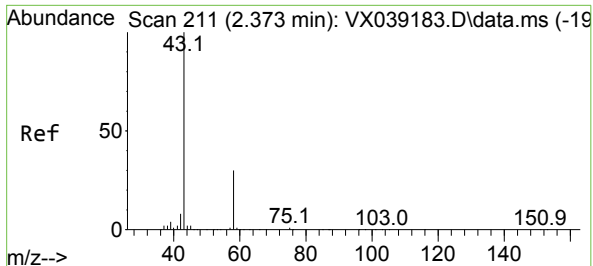
Ion Ratio Lower Upper

96 100

61 211.0 144.6 216.8

98 67.0 50.4 75.6

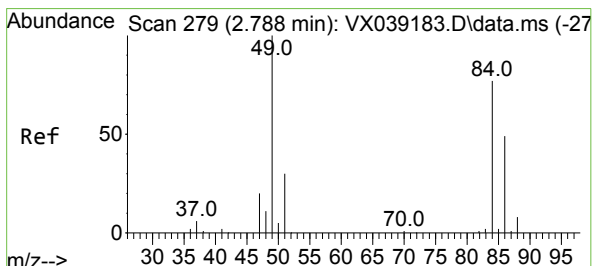
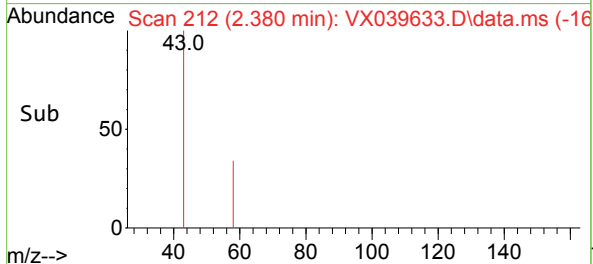
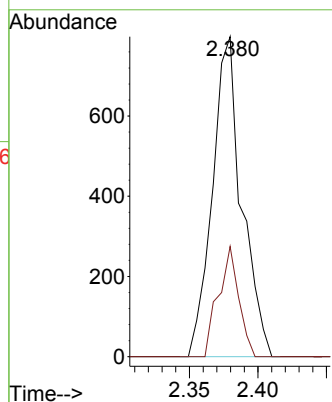
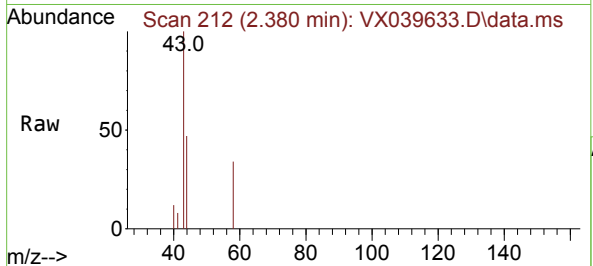




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

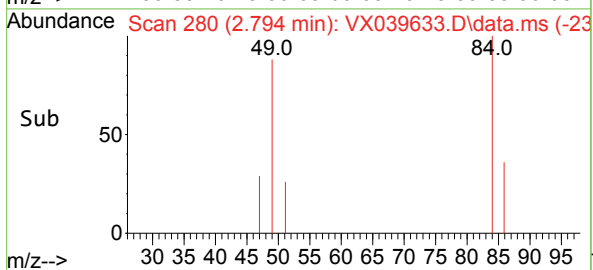
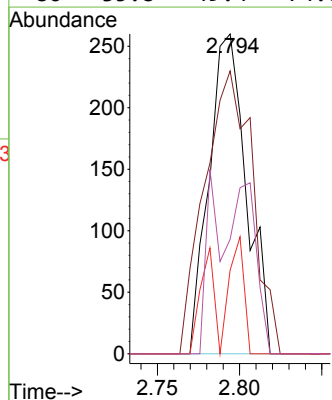
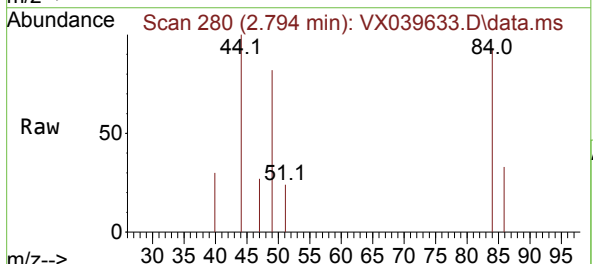
Instrument :
MSVOA_X
ClientSampleId :

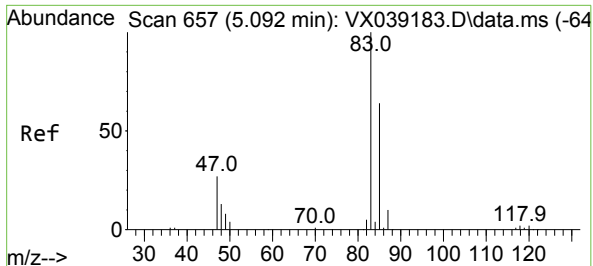
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 88.5 103.6 155.4#
51 26.2 33.8 50.6#
86 35.8 49.4 74.0#





#30

Chloroform

Concen: 1.068 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

Instrument :

MSVOA_X

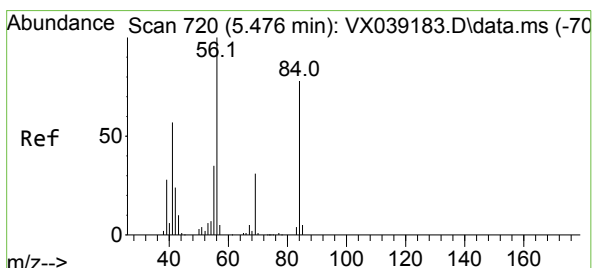
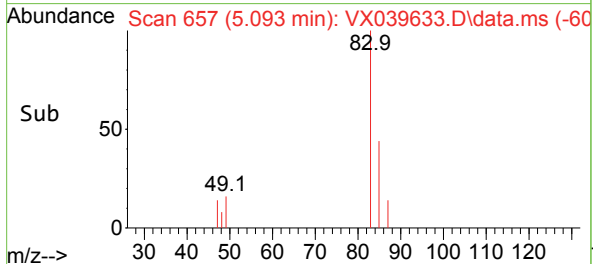
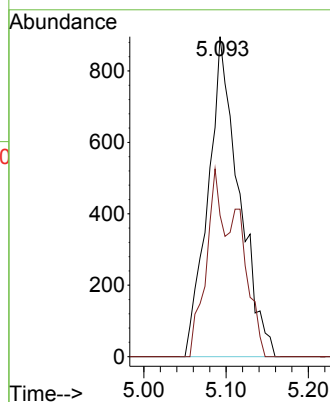
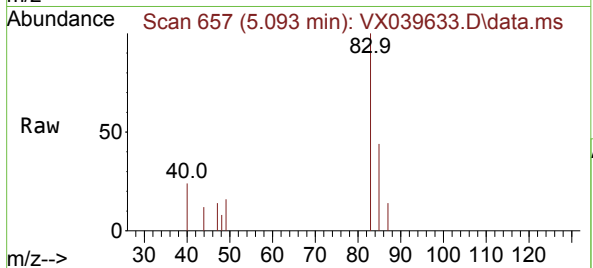
ClientSampleId :

Tgt Ion: 83 Resp: 2343

Ion Ratio Lower Upper

83 100

85 44.2 50.3 75.5#



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

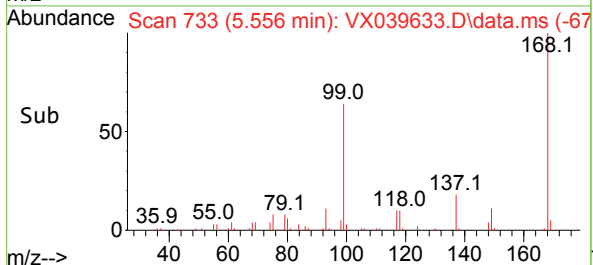
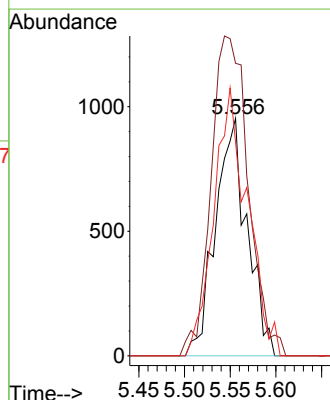
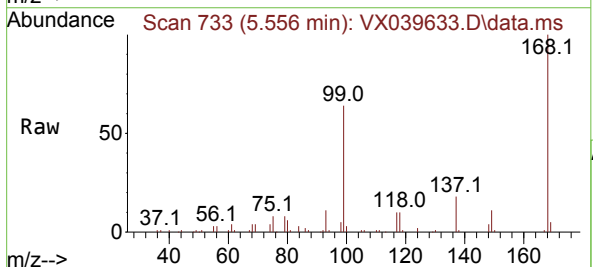
Tgt Ion: 56 Resp: 2305

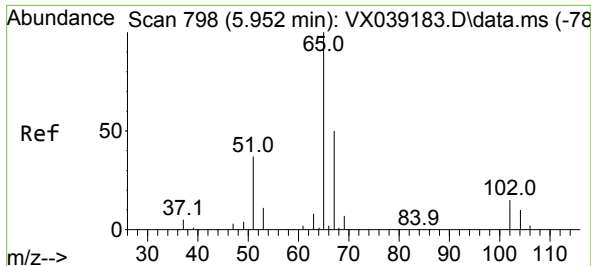
Ion Ratio Lower Upper

56 100

69 123.2 23.4 35.2#

84 90.0 65.9 98.9

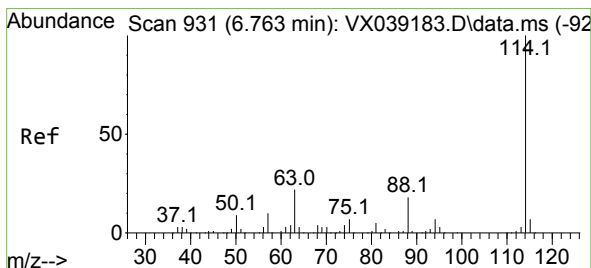
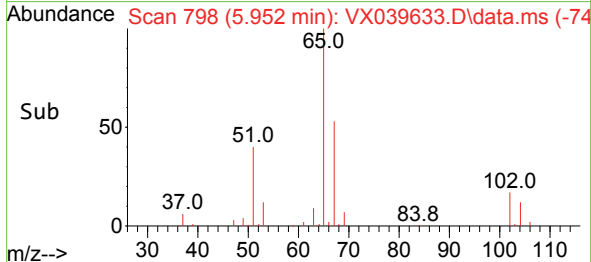
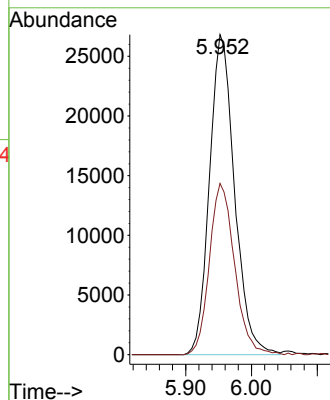
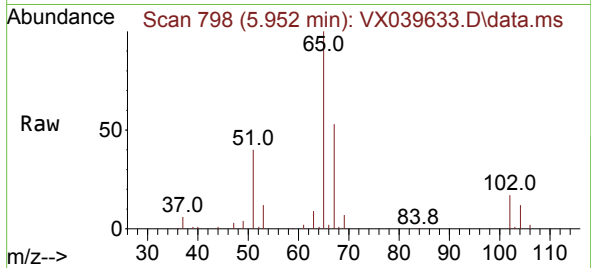




#33
 1,2-Dichloroethane-d4
 Concen: 47.380 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039633.D
 Acq: 04 Jan 2024 20:05

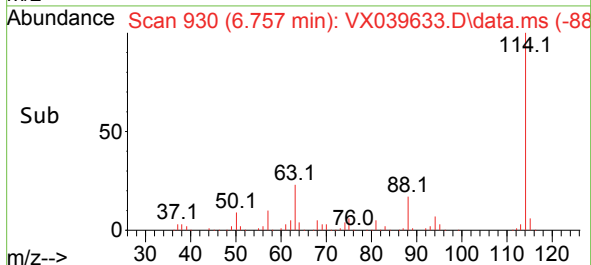
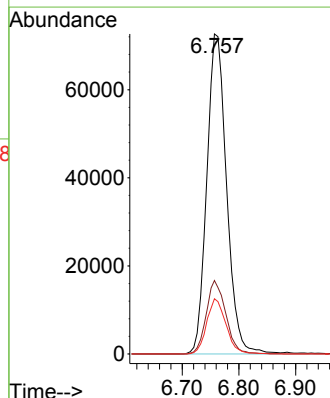
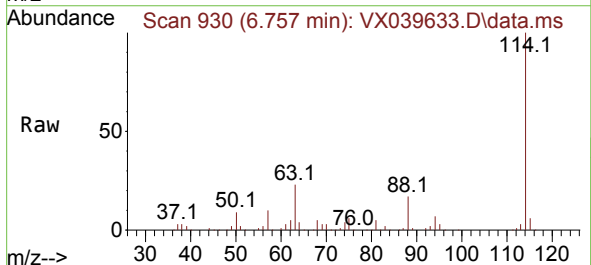
Instrument :
 MSVOA_X
 ClientSampleId :

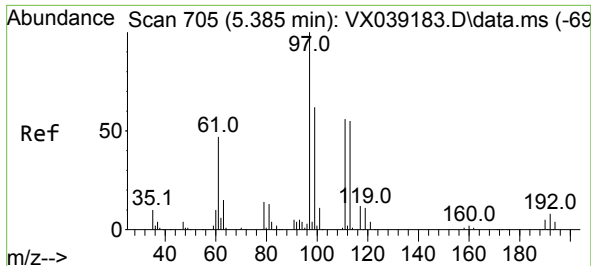
Tgt Ion: 65 Resp: 71106
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039633.D
 Acq: 04 Jan 2024 20:05

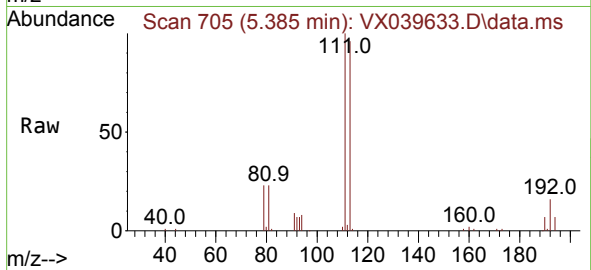
Tgt Ion: 114 Resp: 176409
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 17.2 0.0 36.6



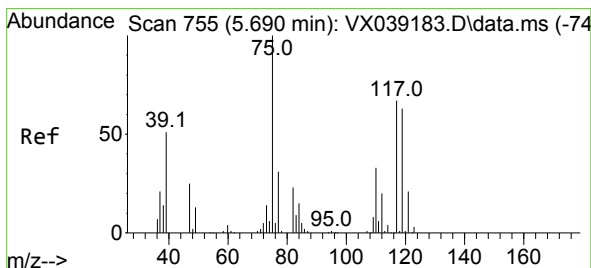
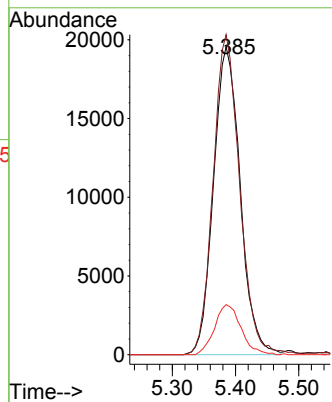
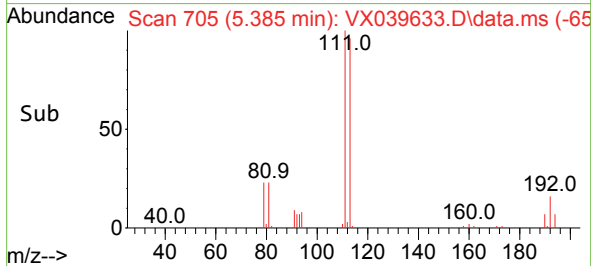


#35
Dibromofluoromethane
Concen: 46.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Instrument :
MSVOA_X
ClientSampleId :

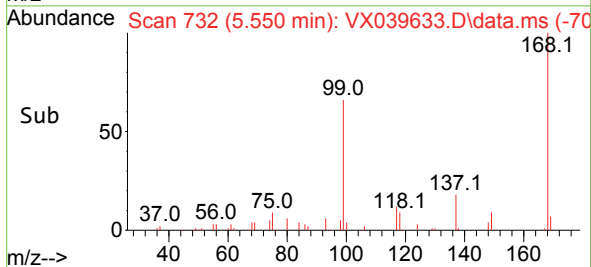
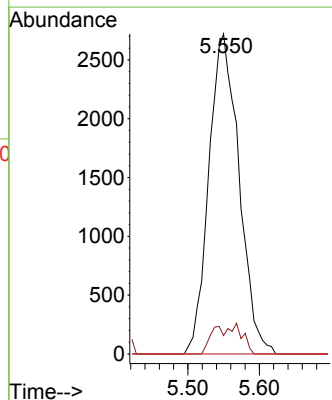
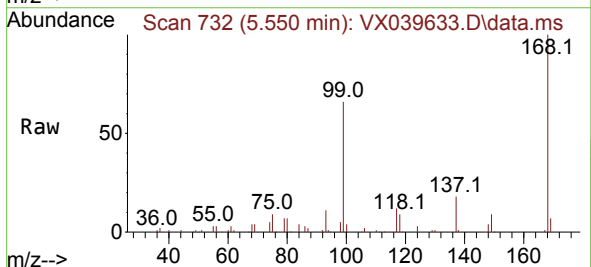


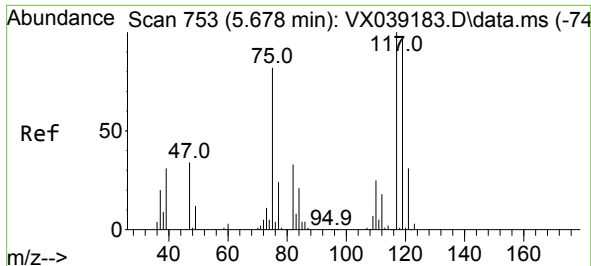
Tgt Ion:113 Resp: 57213
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.149 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

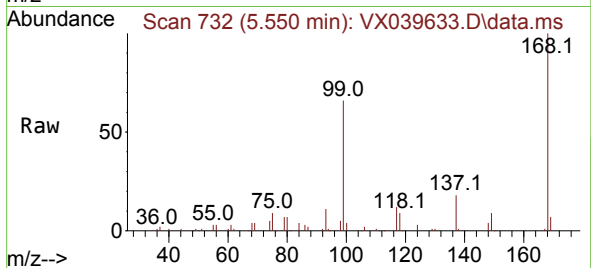
Tgt Ion: 75 Resp: 7979
Ion Ratio Lower Upper
75 100
110 3.9 17.0 50.9#
77 0.0 24.7 37.1#



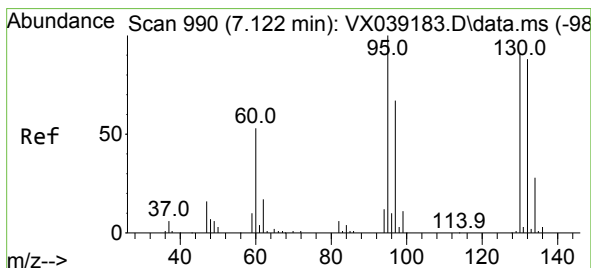
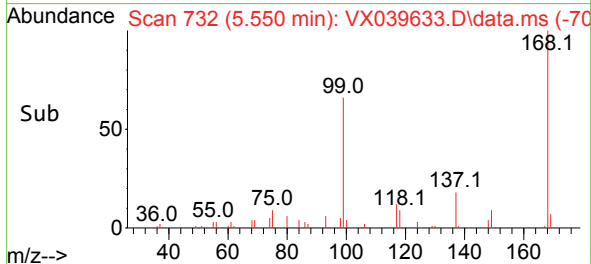
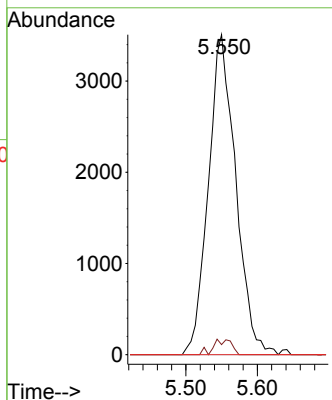


#38
Carbon Tetrachloride
Concen: 5.084 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Instrument :
MSVOA_X
ClientSampleId :

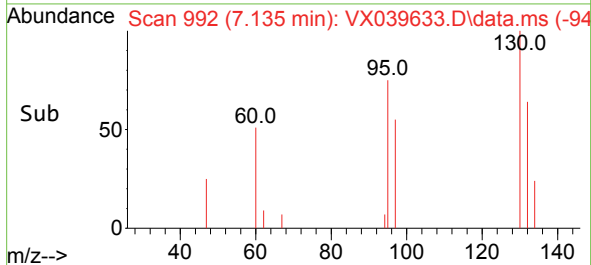
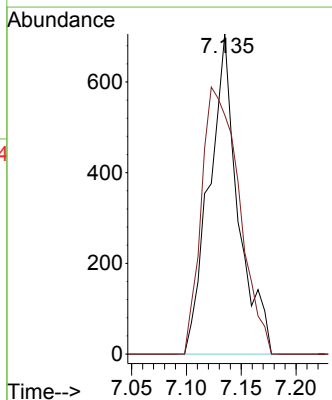
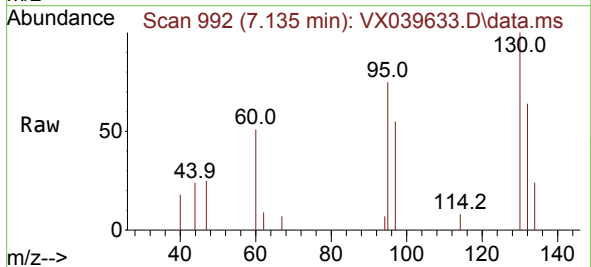


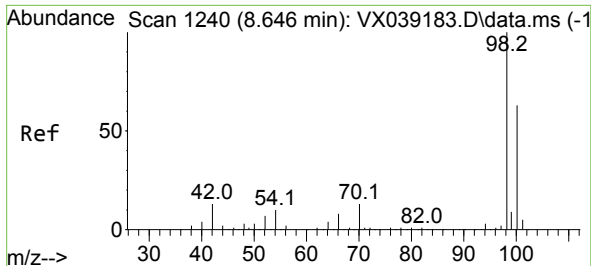
Tgt Ion:117 Resp: 9330
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.940 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion:130 Resp: 1291
Ion Ratio Lower Upper
130 100
95 74.6 0.0 204.4

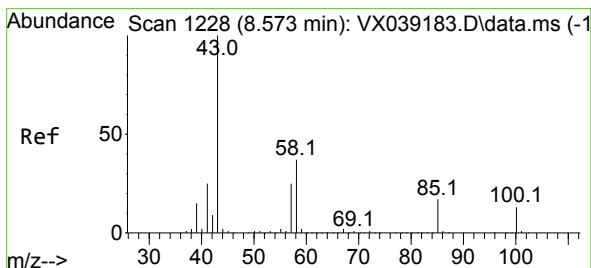
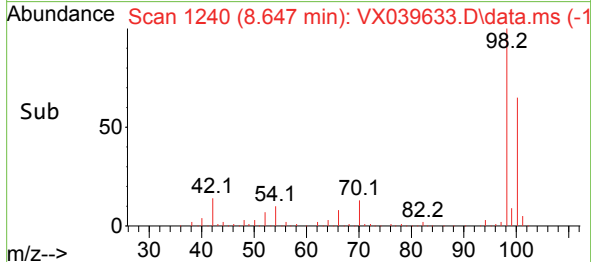
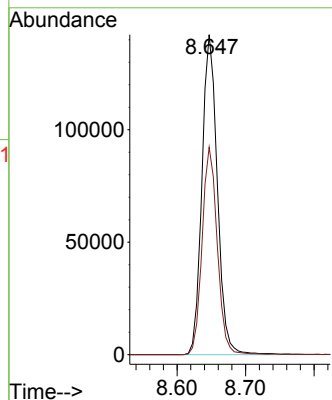
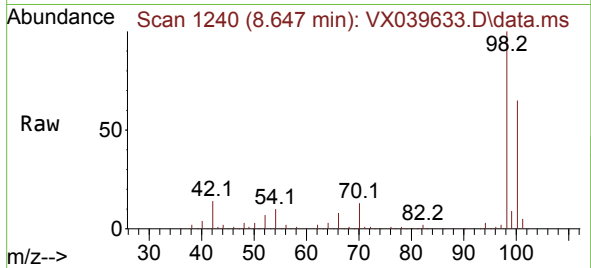




#50
Toluene-d8
Concen: 49.287 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

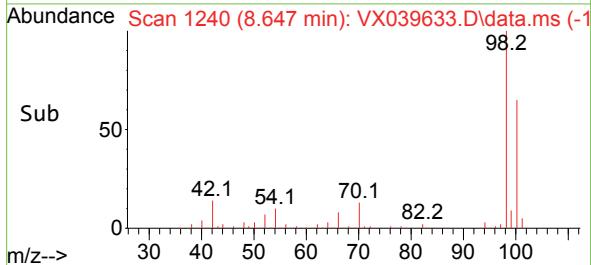
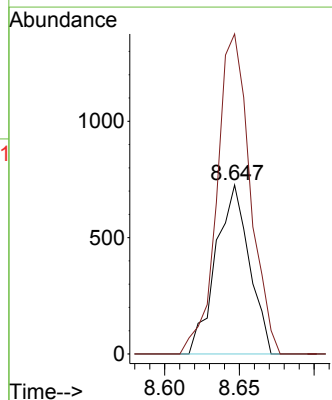
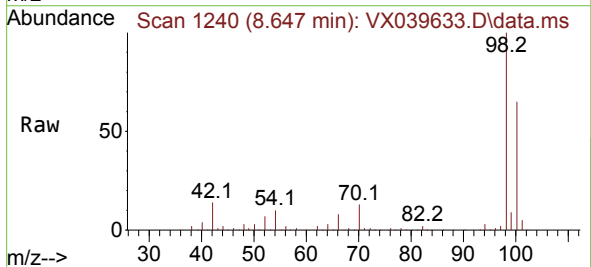
Instrument :
MSVOA_X
ClientSampleId :

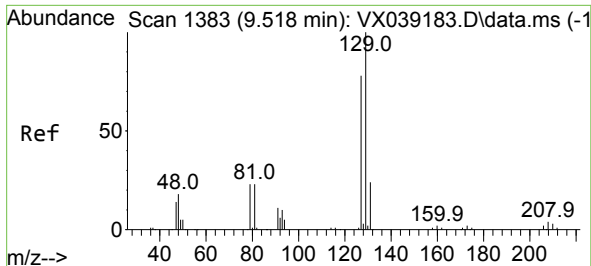
Tgt Ion: 98 Resp: 223002
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 187.8 30.4 45.6#

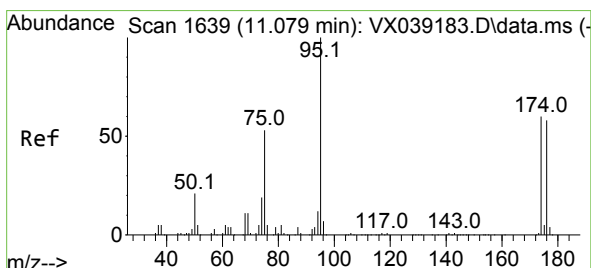
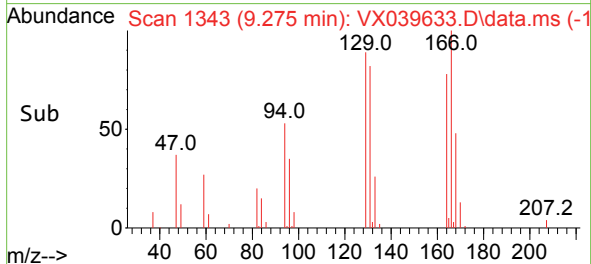
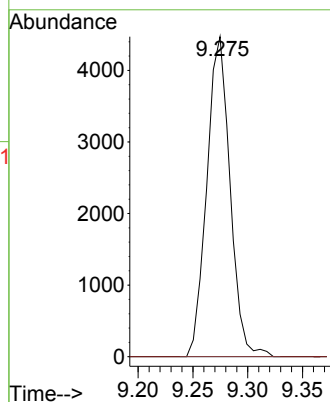
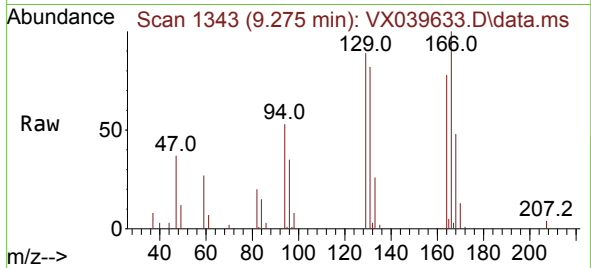




#60
Dibromochloromethane
Concen: 4.761 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

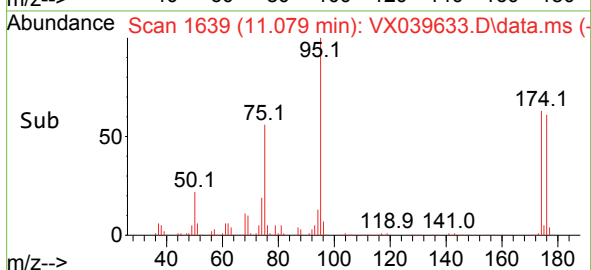
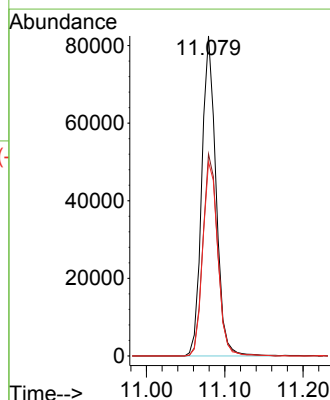
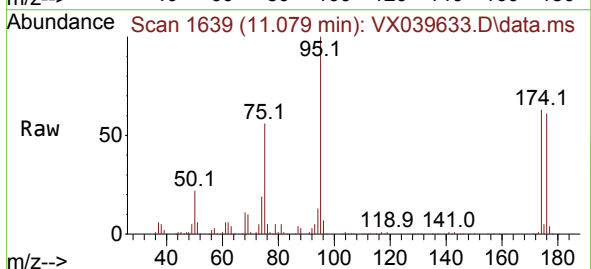
Instrument :
MSVOA_X
ClientSampleId :

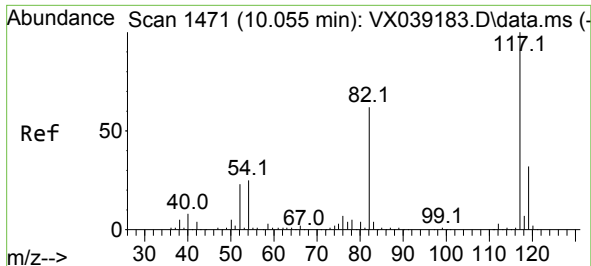
Tgt Ion:129 Resp: 6600
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 55.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

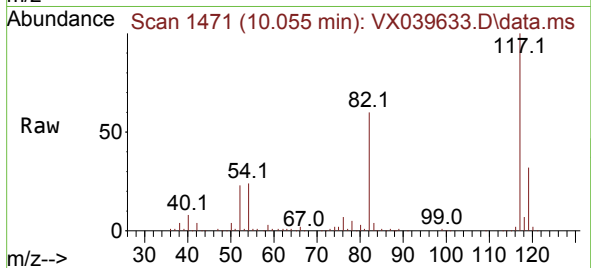
Tgt Ion: 95 Resp: 104037
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 64.1 0.0 131.0



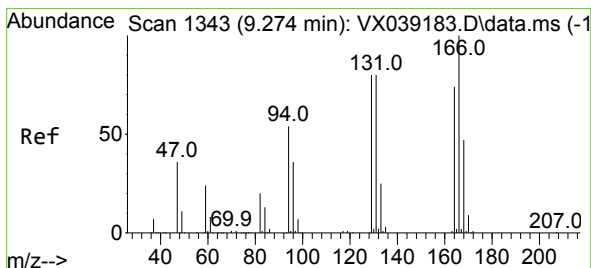
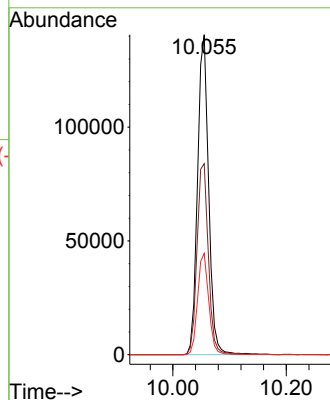
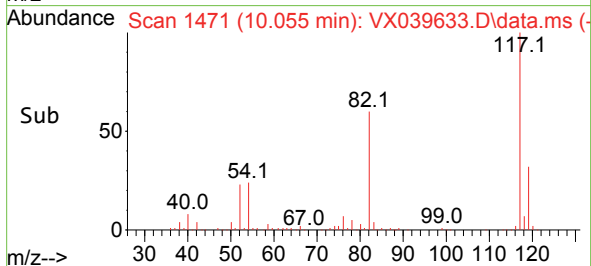


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

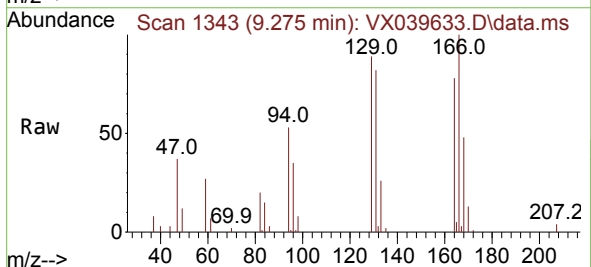
Instrument :
MSVOA_X
ClientSampleId :



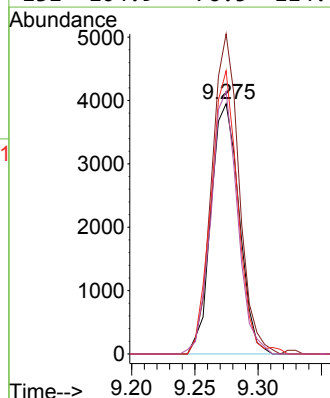
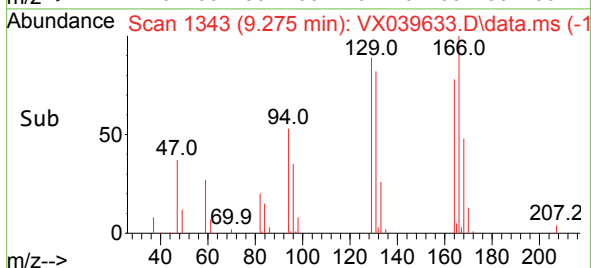
Tgt Ion:117 Resp: 190738
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 31.6 25.5 38.3

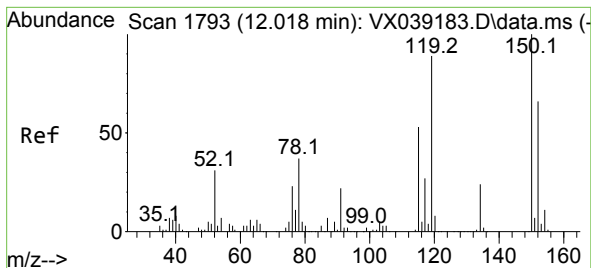


#64
Tetrachloroethene
Concen: 4.888 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05



Tgt Ion:164 Resp: 6092
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 113.2 80.4 120.6
131 104.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039633.D

Acq: 04 Jan 2024 20:05

Instrument :

MSVOA_X

ClientSampleId :

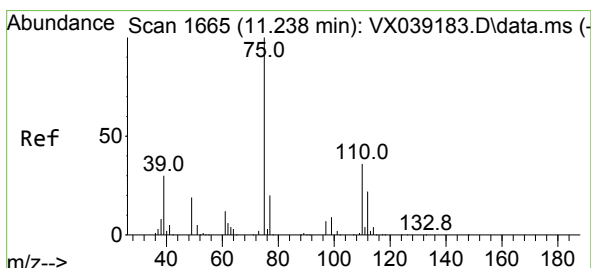
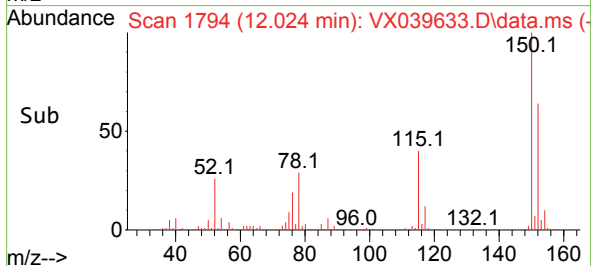
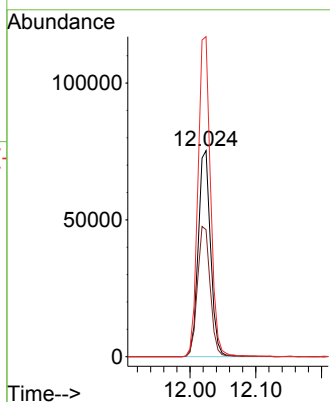
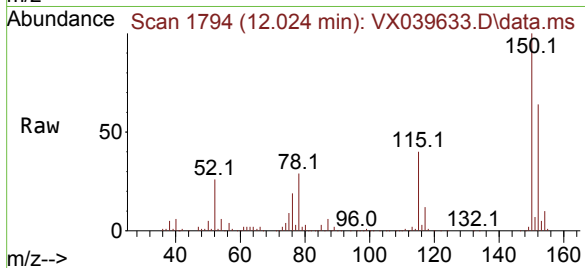
Tgt Ion:152 Resp: 98672

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.696 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039633.D

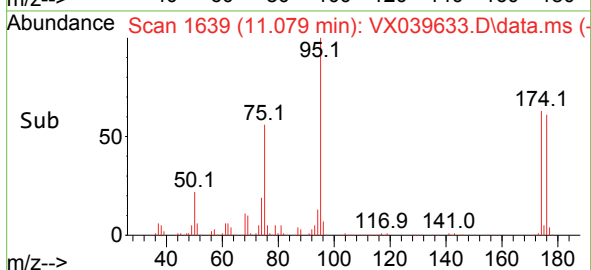
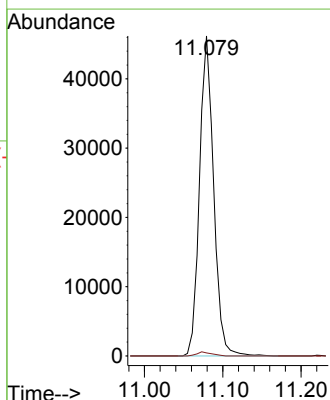
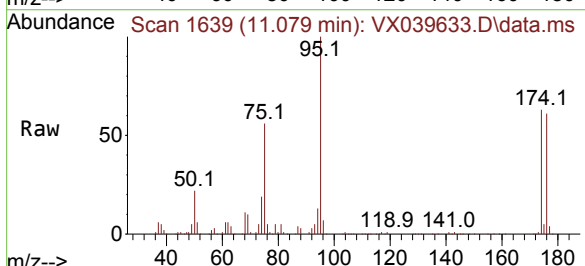
Acq: 04 Jan 2024 20:05

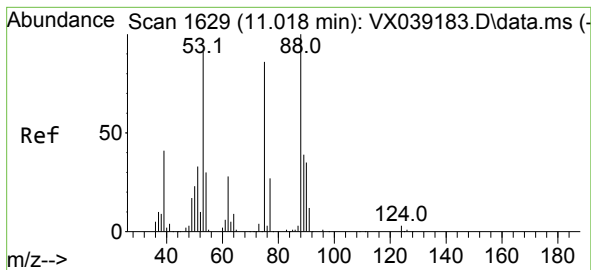
Tgt Ion: 75 Resp: 57940

Ion Ratio Lower Upper

75 100

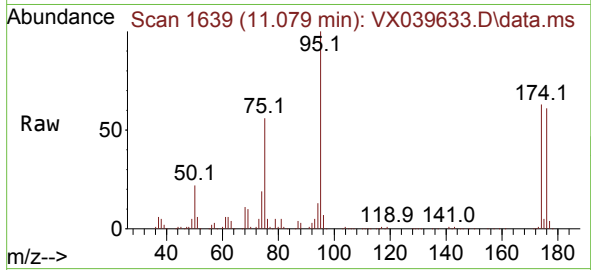
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.027 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039633.D
Acq: 04 Jan 2024 20:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 57940
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

