

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039634.D
 Acq On : 04 Jan 2024 20:28
 Operator : JC/MD
 Sample : P1034-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:47:49 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)

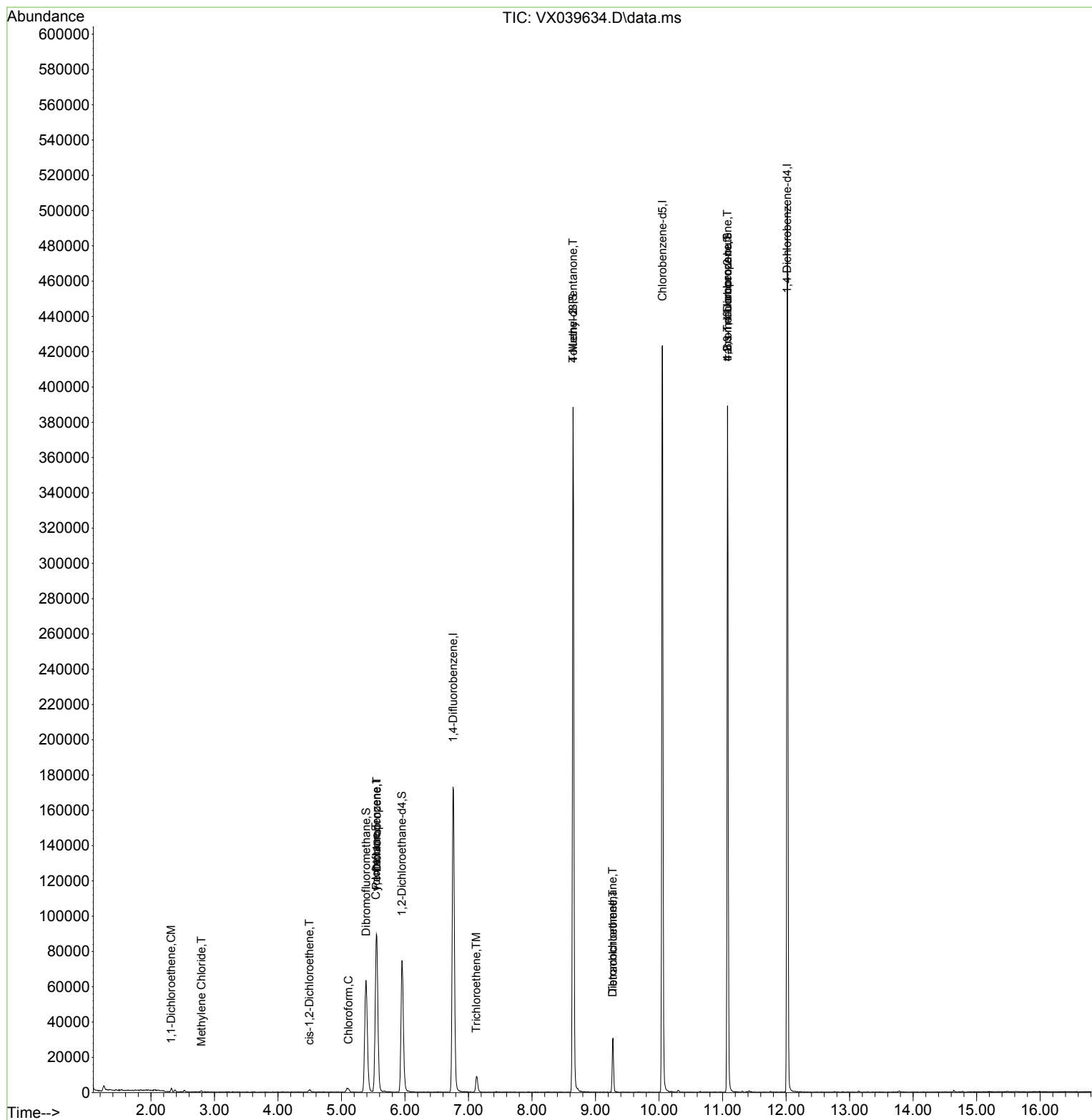
Internal Standards						
1) Pentafluorobenzene	5.550	168	79586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69499	47.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.385	113	55766	47.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	221650	50.414	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	103123	56.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	653	0.638	ug/l	96
16) Acetone	2.373	43	1121	Below Cal		95
20) Methylene Chloride	2.794	84	383	0.315	ug/l #	61
27) cis-1,2-Dichloroethene	4.495	96	868	0.706	ug/l	86
30) Chloroform	5.111	83	2904	1.362	ug/l	96
31) Cyclohexane	5.544	56	2322	1.233	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	7792	4.170	ug/l #	49
44) Trichloroethene	7.123	130	3691	2.767	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1144	0.478	ug/l #	1
60) Dibromochloromethane	9.268	129	5378	3.992	ug/l #	11
64) Tetrachloroethene	9.275	164	5214	4.237	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	56880	22.710	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56880	64.064	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
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

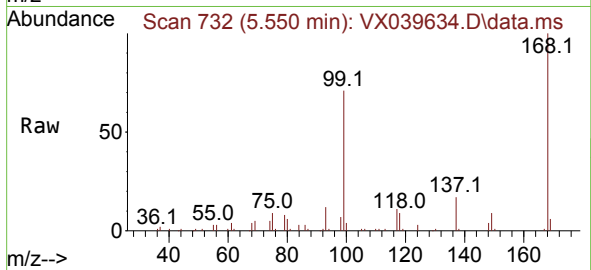
Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

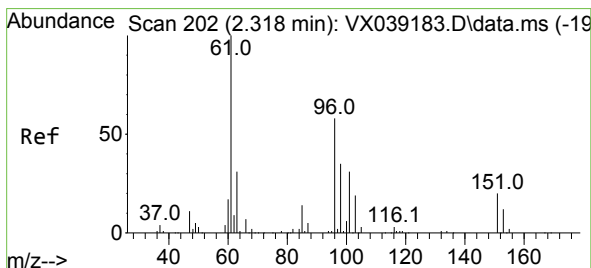
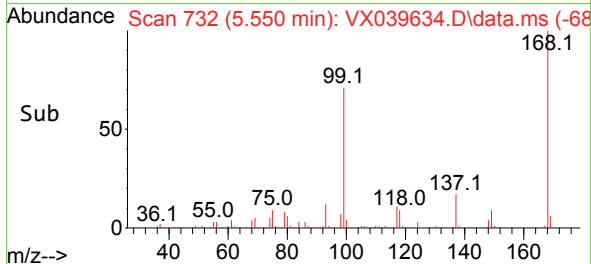
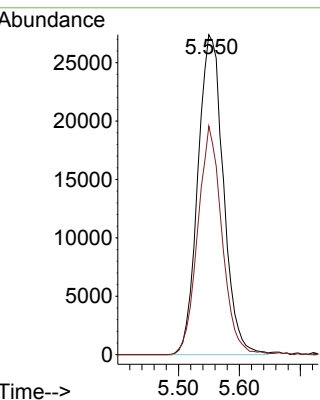


Tgt Ion:168 Resp: 79586

Ion Ratio Lower Upper

168 100

99 71.5 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.638 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

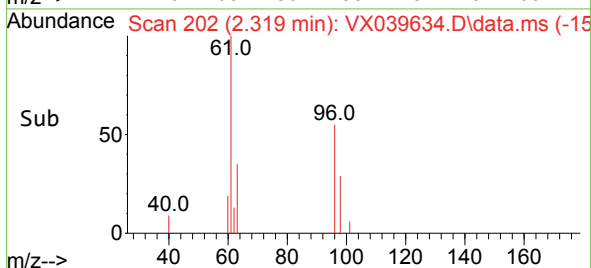
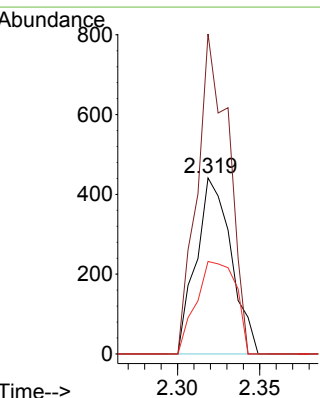
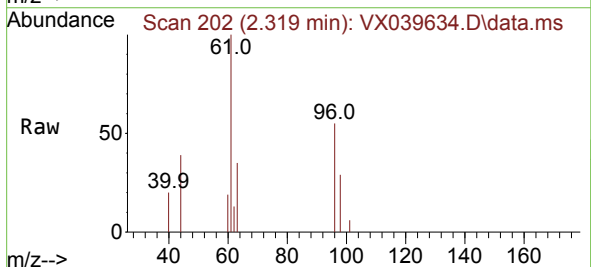
Tgt Ion: 96 Resp: 653

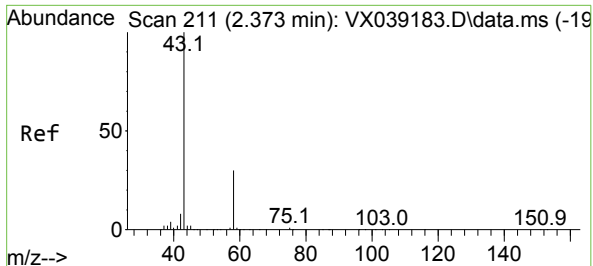
Ion Ratio Lower Upper

96 100

61 181.9 144.6 216.8

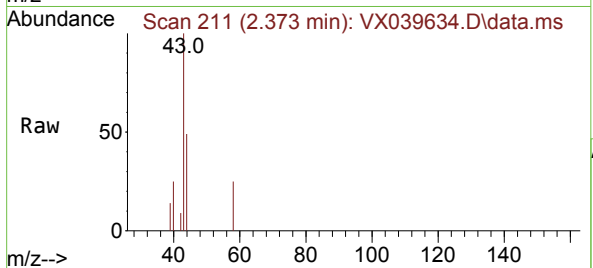
98 52.6 50.4 75.6



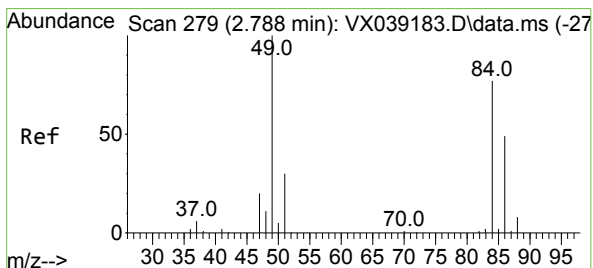
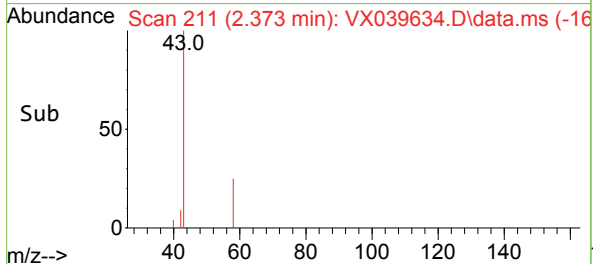
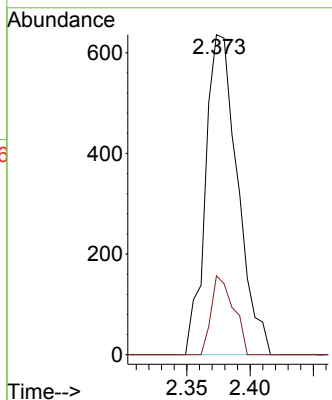


#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :

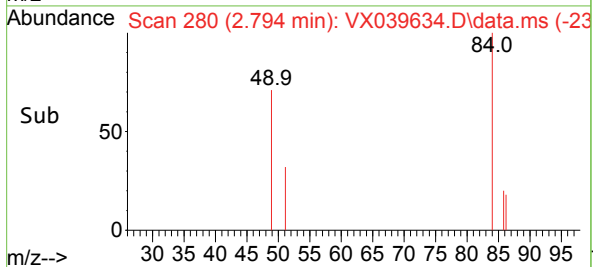
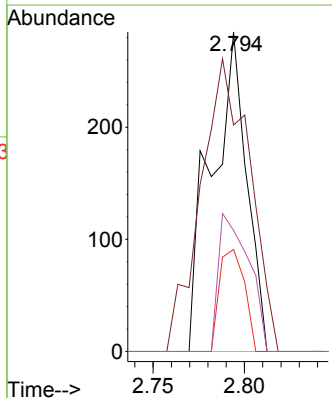
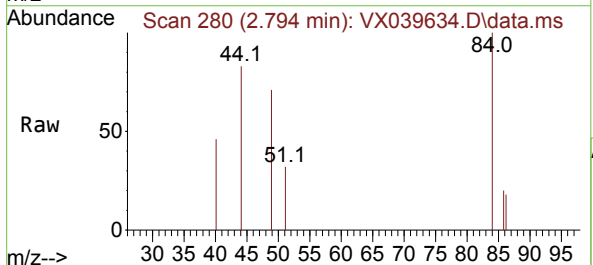


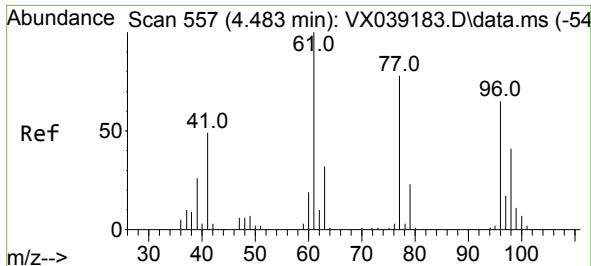
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

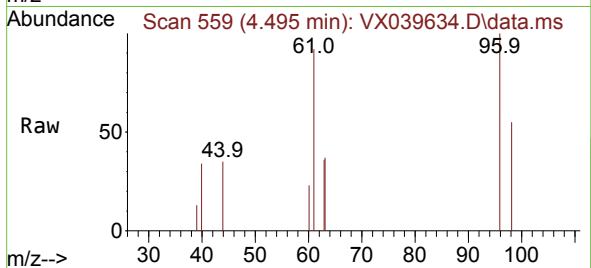
Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 70.9 103.6 155.4#
51 31.9 33.8 50.6#
86 37.9 49.4 74.0#



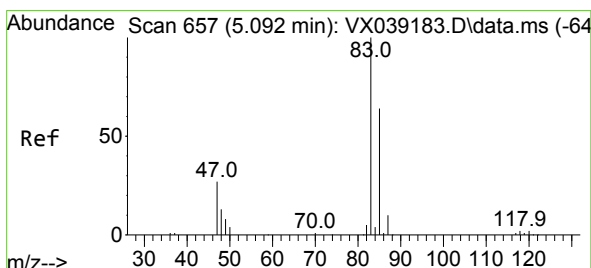
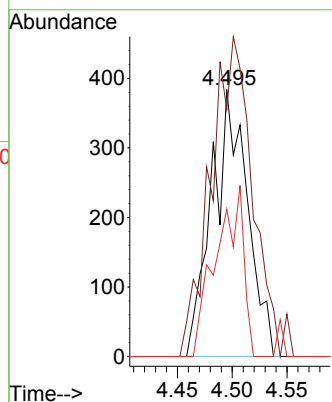
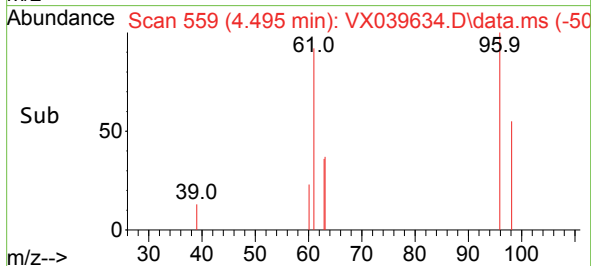


#27
 cis-1,2-Dichloroethene
 Concen: 0.706 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28

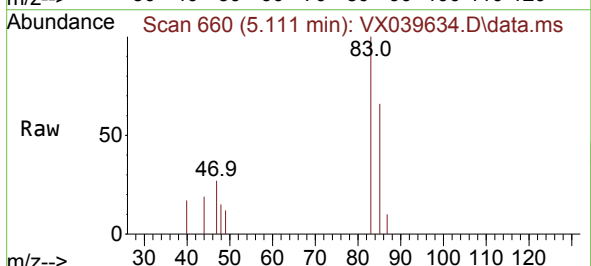
Instrument :
 MSVOA_X
 ClientSampleId :



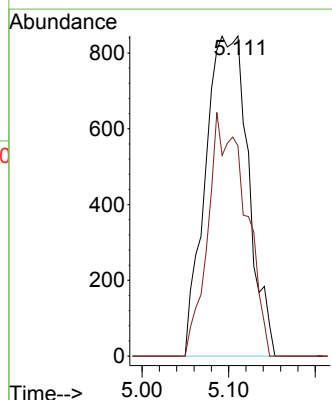
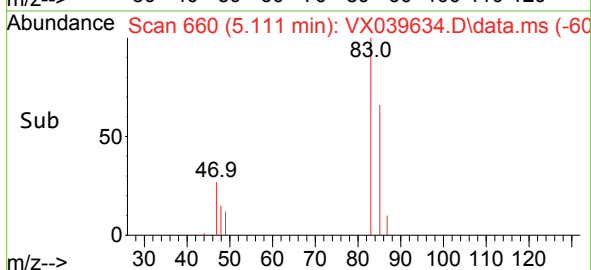
Tgt Ion: 96	Resp: 868
Ion Ratio	Lower Upper
96 100	
61 141.0	0.0 312.2
98 49.5	0.0 129.0

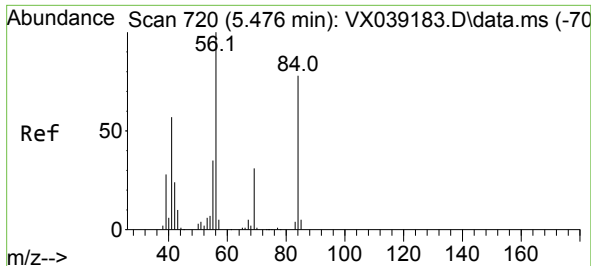


#30
 Chloroform
 Concen: 1.362 ug/l
 RT: 5.111 min Scan# 660
 Delta R.T. 0.018 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28



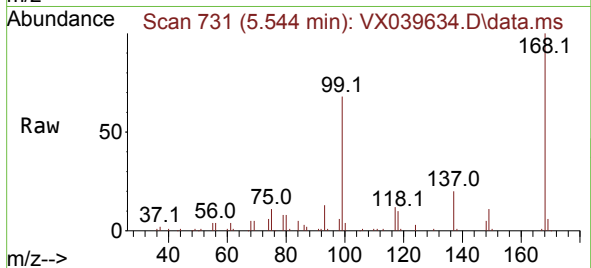
Tgt Ion: 83	Resp: 2904
Ion Ratio	Lower Upper
83 100	
85 65.7	50.3 75.5



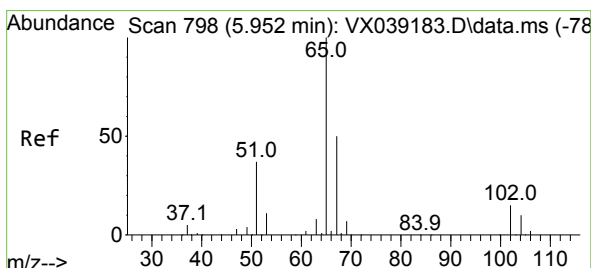
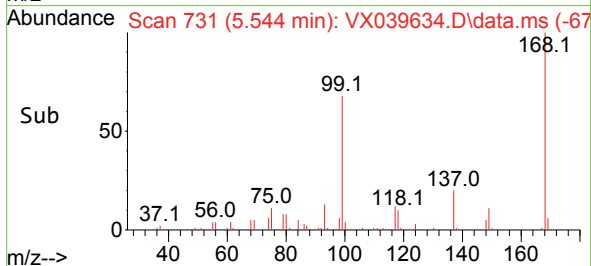
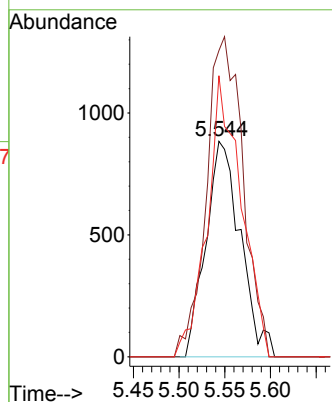


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :

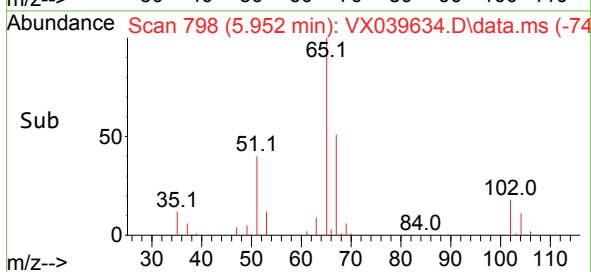
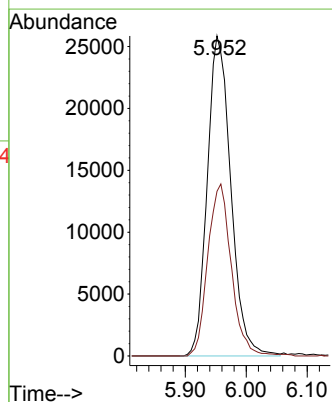
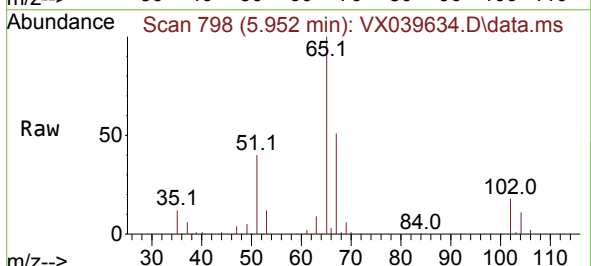


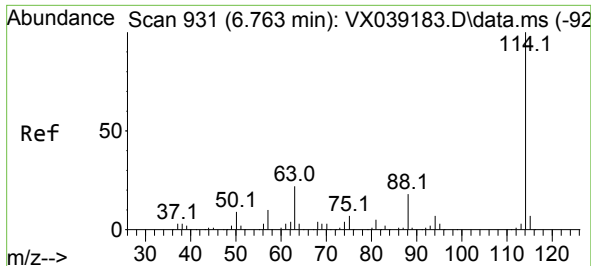
Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 142.1 23.4 35.2#
84 130.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.669 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Tgt Ion: 65 Resp: 69499
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

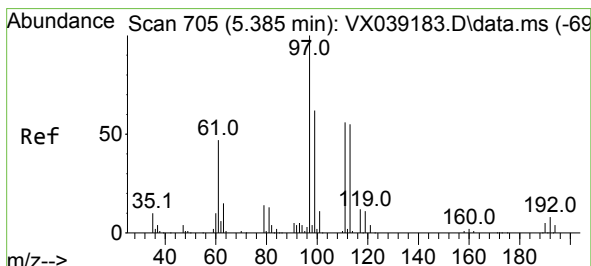
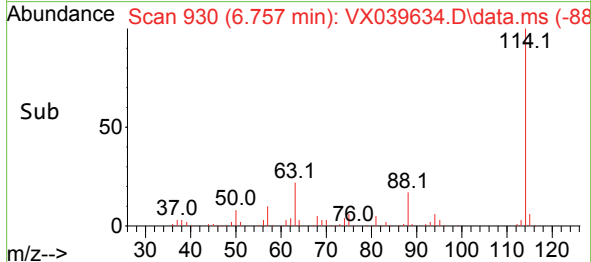
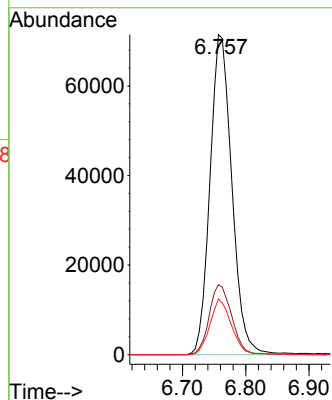
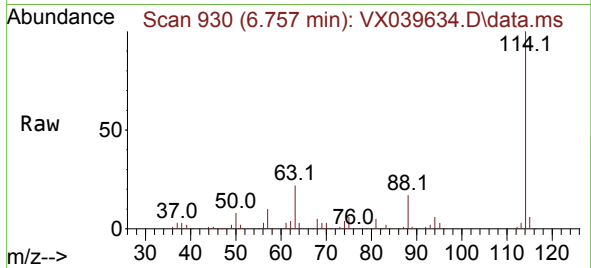




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

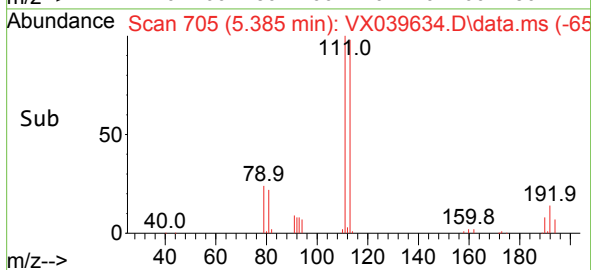
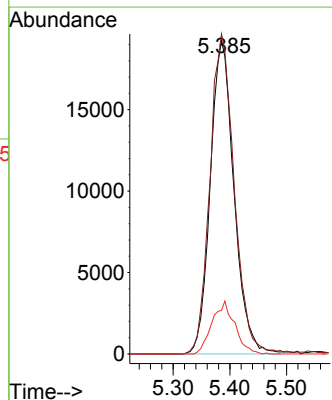
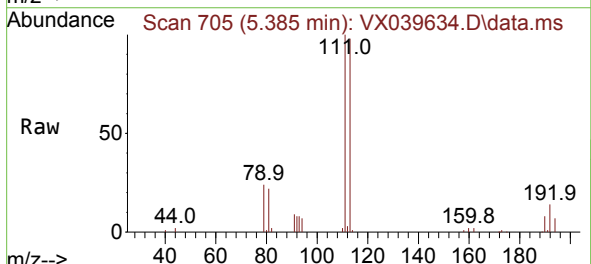
Instrument :
MSVOA_X
ClientSampleId :

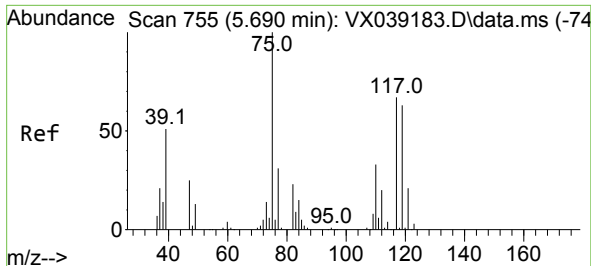
Tgt Ion:114 Resp: 171420
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

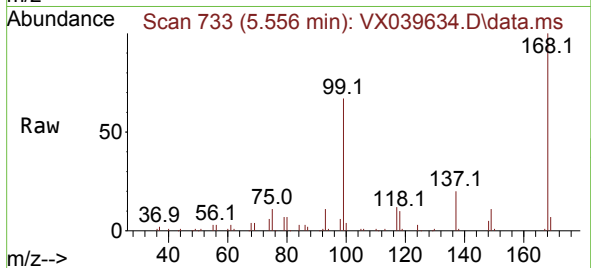
Tgt Ion:113 Resp: 55766
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 16.2 13.3 19.9



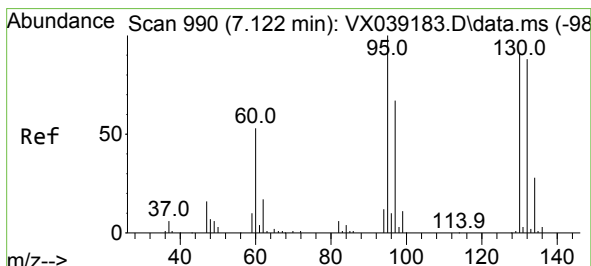
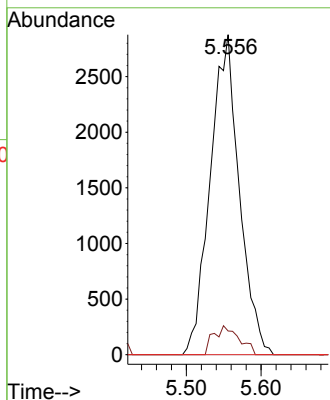
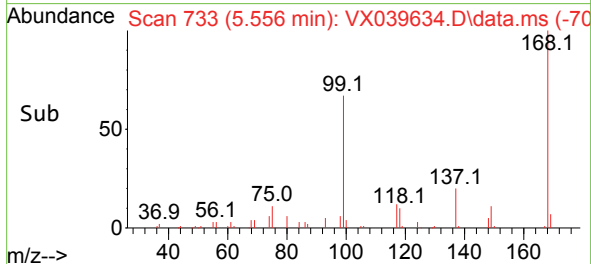


#36
1,1-Dichloropropene
Concen: 4.170 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :

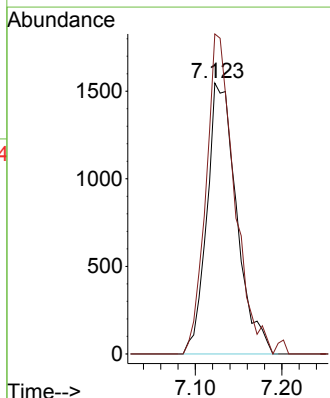
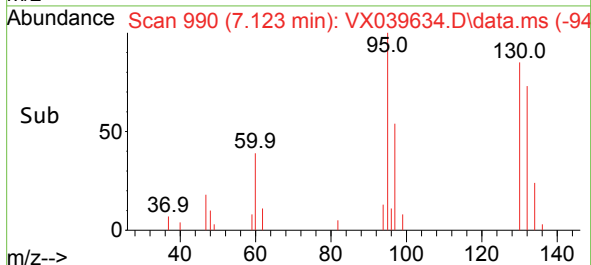
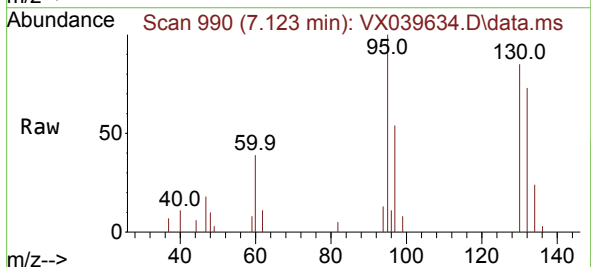


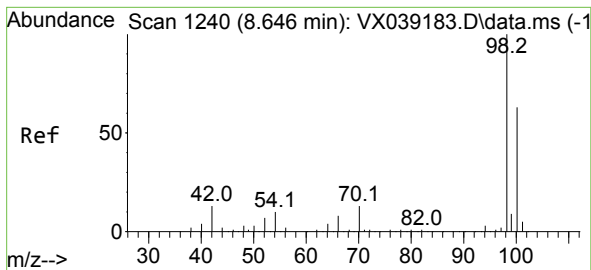
Tgt Ion: 75 Resp: 7792
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 2.767 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Tgt Ion:130 Resp: 3691
Ion Ratio Lower Upper
130 100
95 118.1 0.0 204.4





#50

Toluene-d8

Concen: 50.414 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

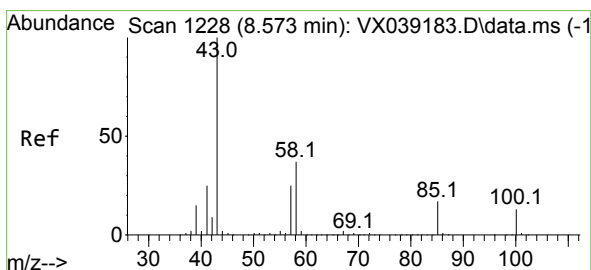
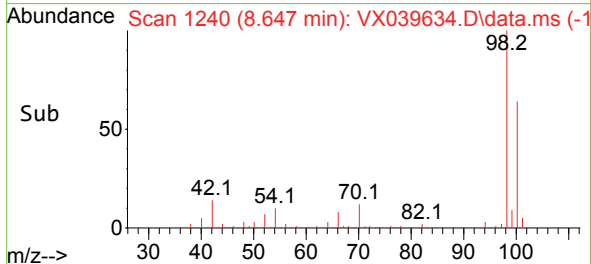
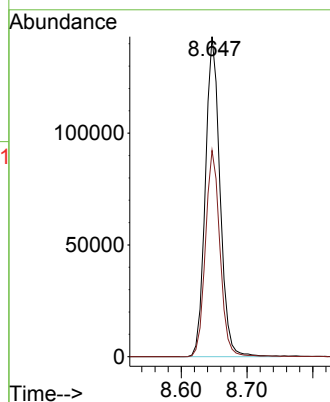
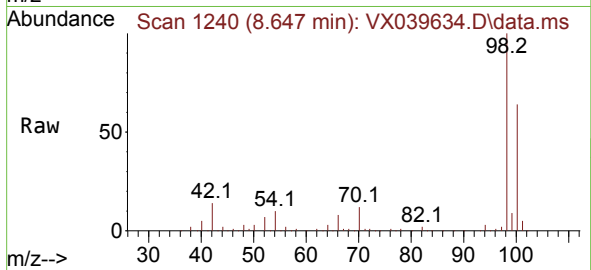
ClientSampleId :

Tgt Ion: 98 Resp: 221650

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX039634.D

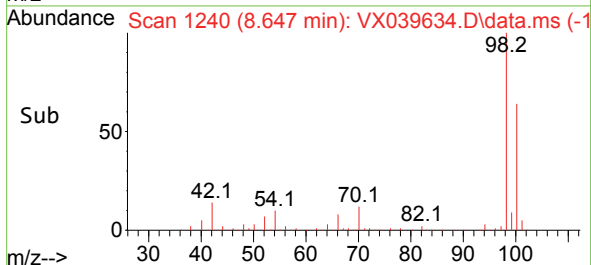
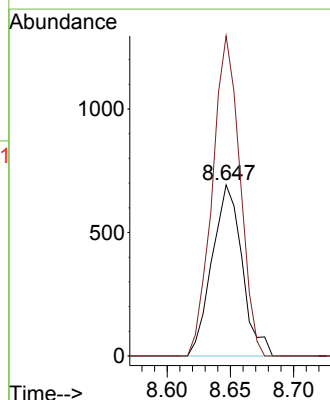
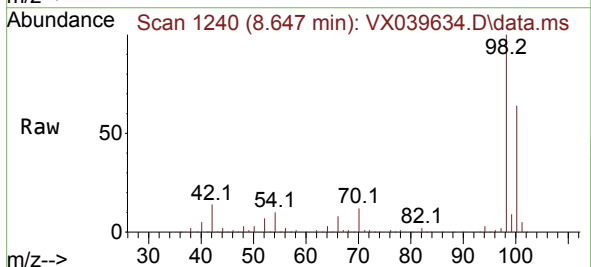
Acq: 04 Jan 2024 20:28

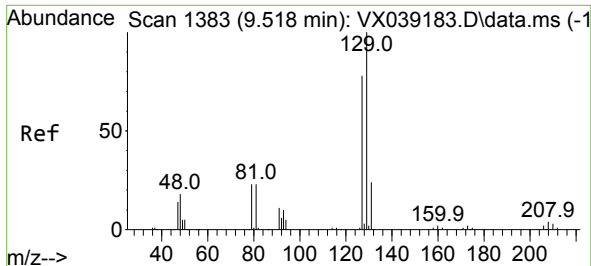
Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

58 171.9 30.4 45.6#

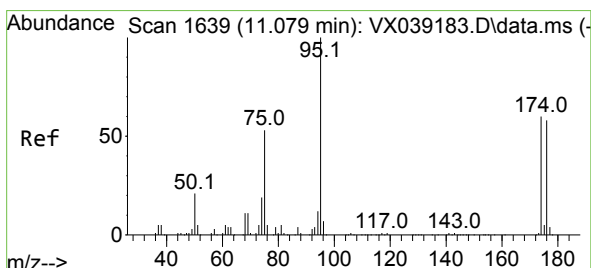
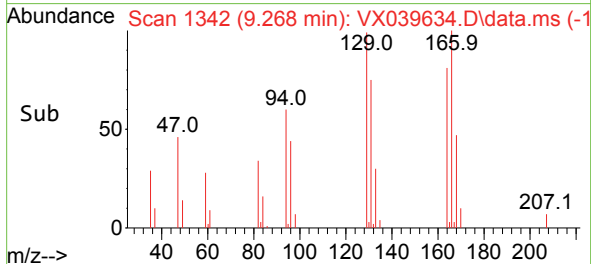
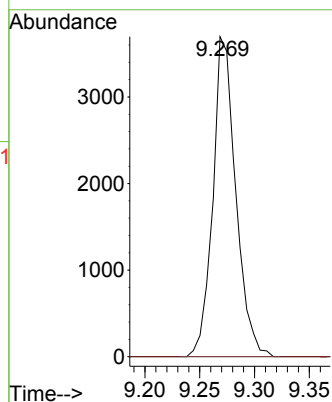
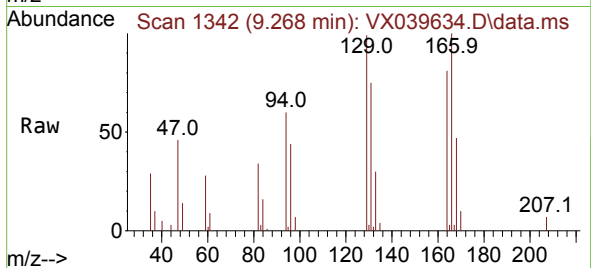




#60
Dibromochloromethane
Concen: 3.992 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

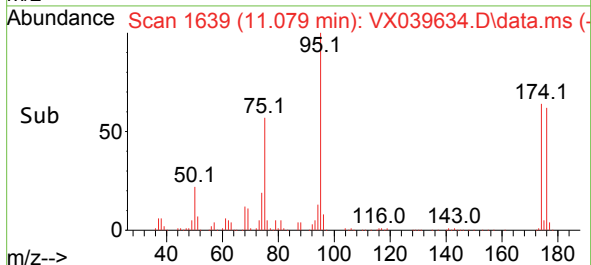
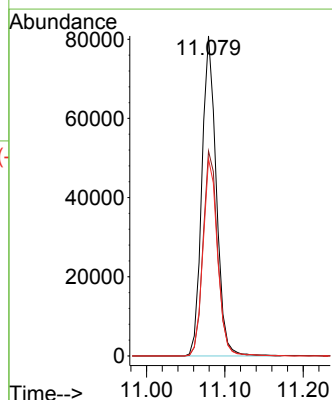
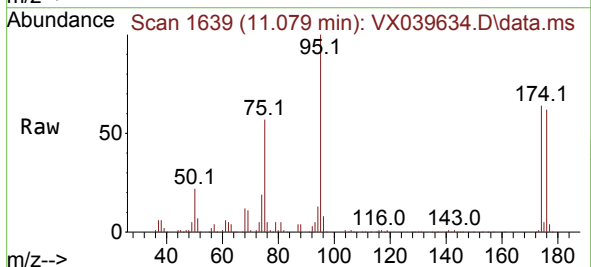
Instrument :
MSVOA_X
ClientSampleId :

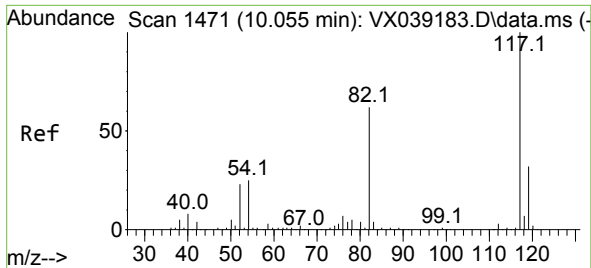
Tgt Ion:129 Resp: 5378
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 56.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

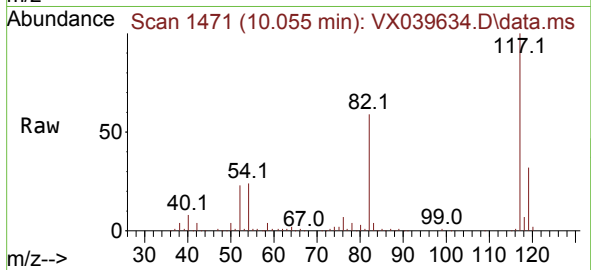
Tgt Ion: 95 Resp: 103123
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 62.6 0.0 131.0



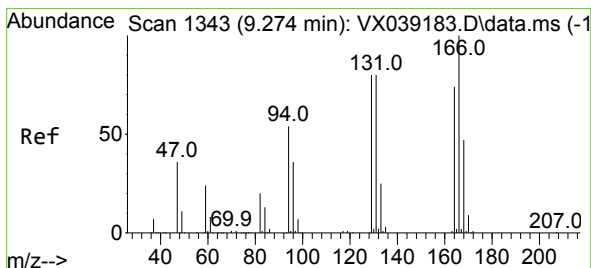
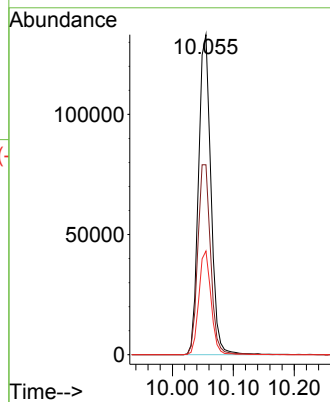
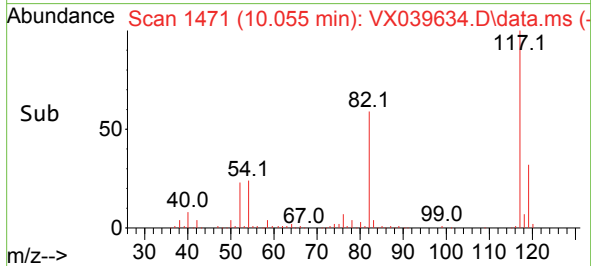


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :

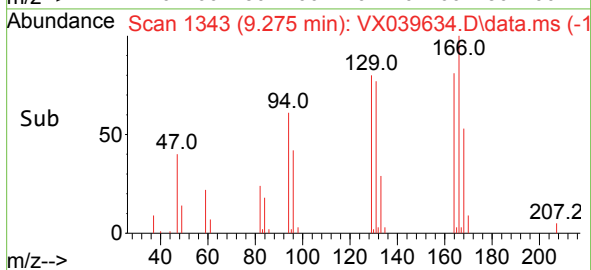
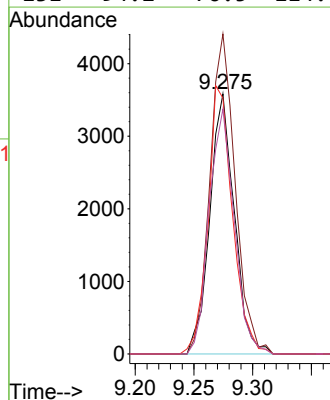
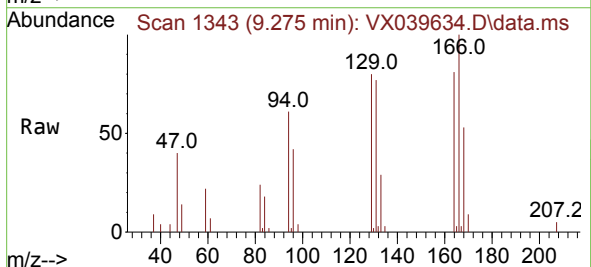


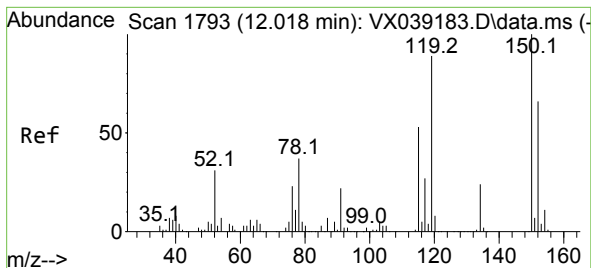
Tgt Ion:117 Resp: 188336
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 4.237 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039634.D
Acq: 04 Jan 2024 20:28

Tgt Ion:164 Resp: 5214
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 98.4 80.4 120.6
131 94.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039634.D

Acq: 04 Jan 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

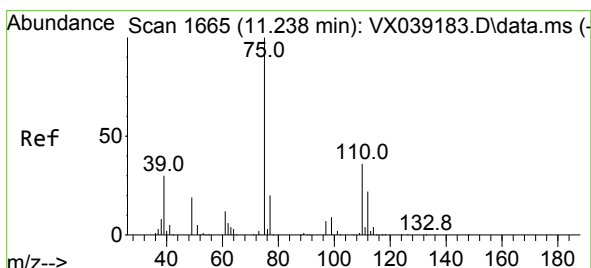
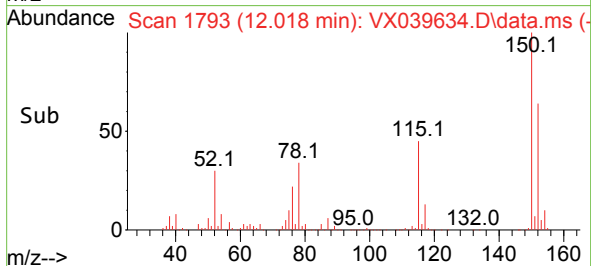
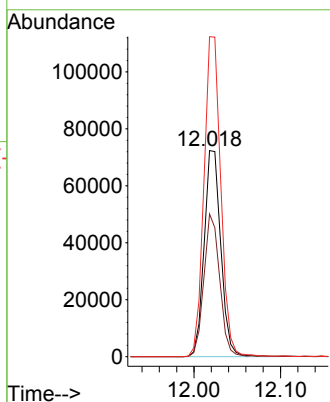
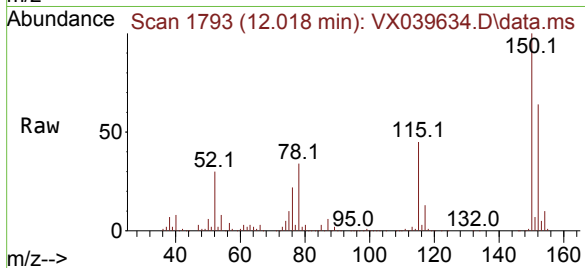
Tgt Ion:152 Resp: 96811

Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.710 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039634.D

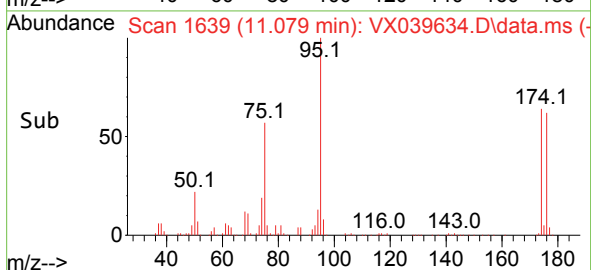
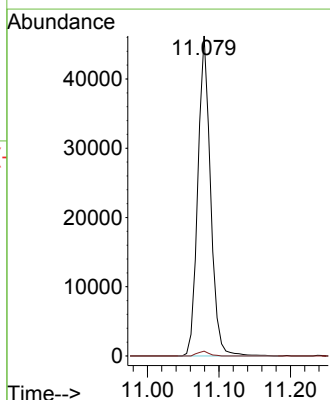
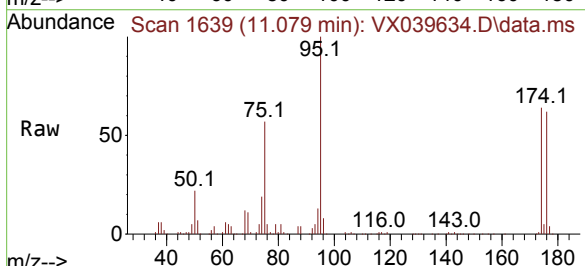
Acq: 04 Jan 2024 20:28

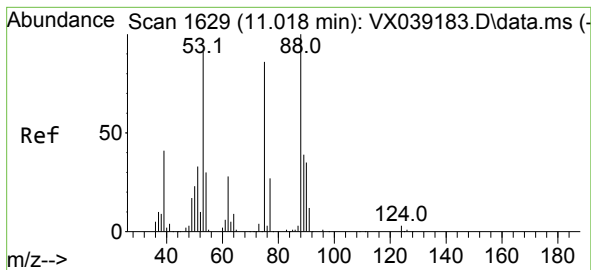
Tgt Ion: 75 Resp: 56880

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.064 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX039634.D
 Acq: 04 Jan 2024 20:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 56880
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

