

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038263.D
 Acq On : 12 Oct 2023 17:46
 Operator : JC/MD
 Sample : 04875-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:53:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

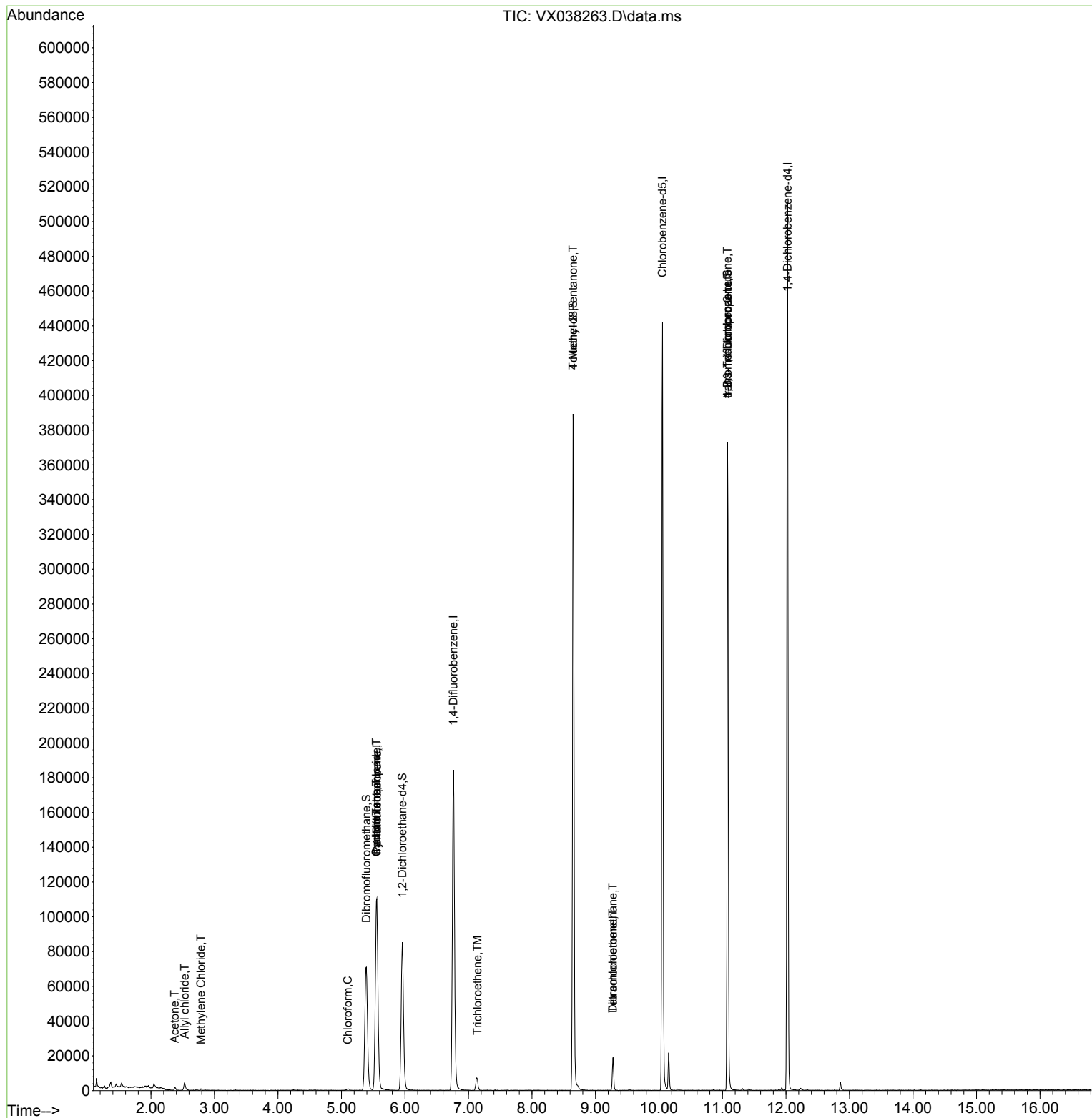
Internal Standards						
1) Pentafluorobenzene	5.556	168	104933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79103	46.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.391	113	62095	46.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	239472	46.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.060%
62) 4-Bromofluorobenzene	11.079	95	93758	48.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	28	Below Cal	#	3
6) Chloroethane	1.685	64	65	Below Cal	#	43
14) Allyl chloride	2.532	41	464	0.270	ug/l #	29
16) Acetone	2.374	43	1580	2.243	ug/l #	84
20) Methylene Chloride	2.788	84	365	0.275	ug/l #	71
30) Chloroform	5.099	83	1155	0.484	ug/l	100
31) Cyclohexane	5.550	56	2382	1.303	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	8671	4.669	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10905	5.969	ug/l #	13
44) Trichloroethene	7.141	130	2912	2.143	ug/l	79
51) 4-Methyl-2-Pentanone	8.647	43	1086	0.478	ug/l #	1
60) Dibromochloromethane	9.275	129	3203	2.261	ug/l #	11
64) Tetrachloroethene	9.275	164	3340	2.617	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	52715	22.056	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52715	63.240	ug/l #	5

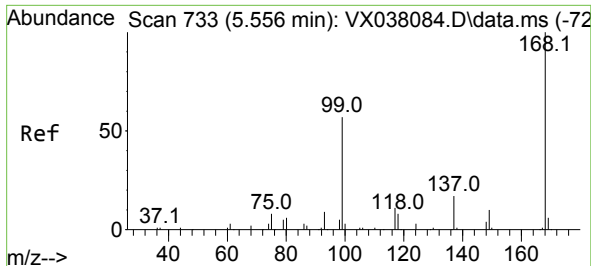
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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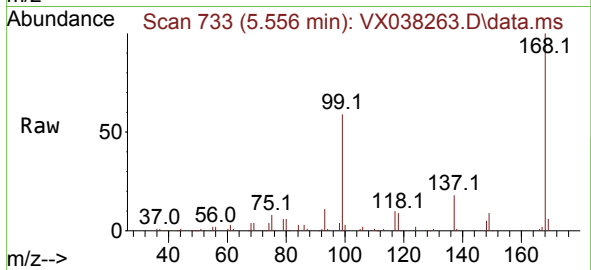
Quant Time: Oct 13 04:53:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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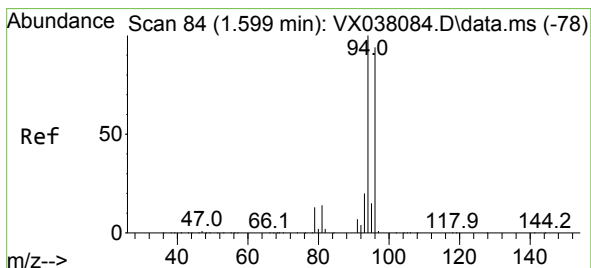
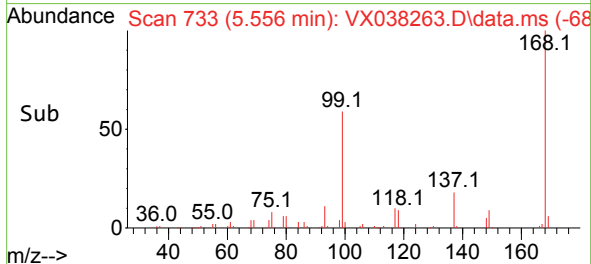
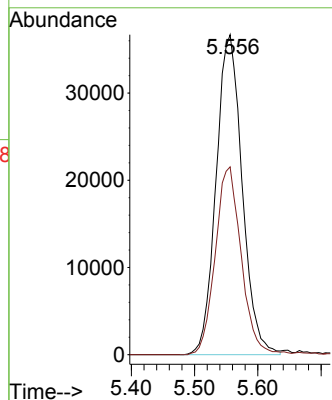


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :

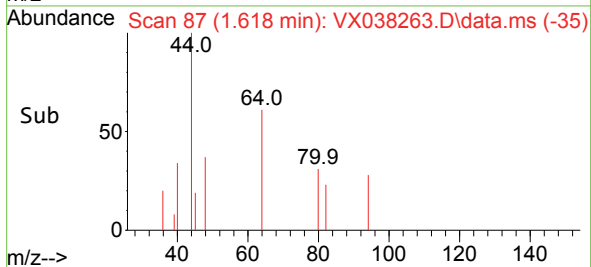
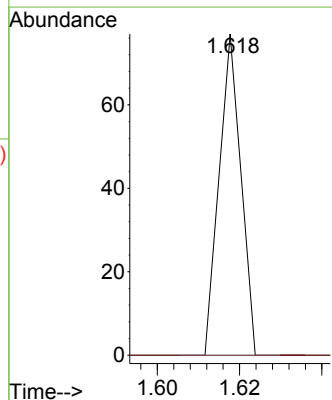
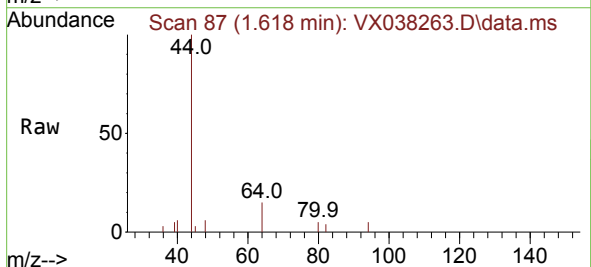


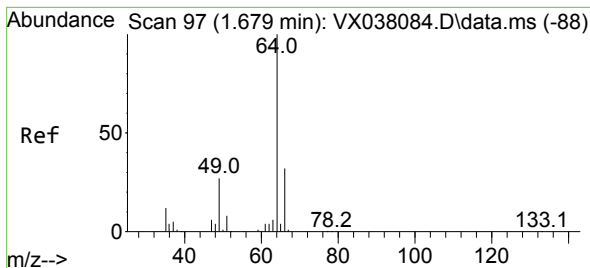
Tgt Ion:168 Resp: 104933
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion: 94 Resp: 28
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.685 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

Instrument :

MSVOA_X

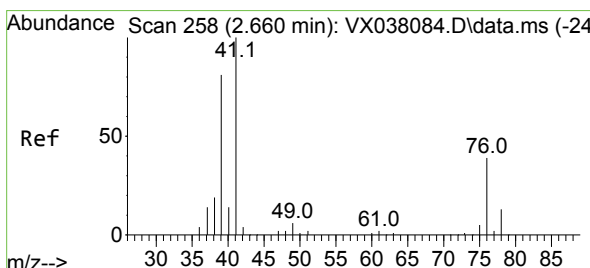
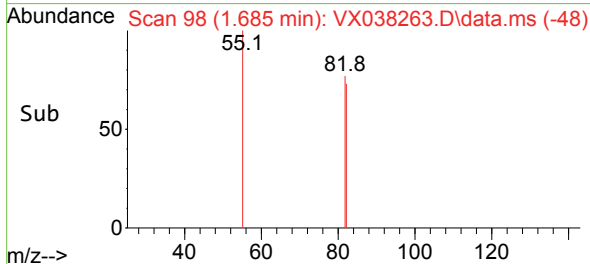
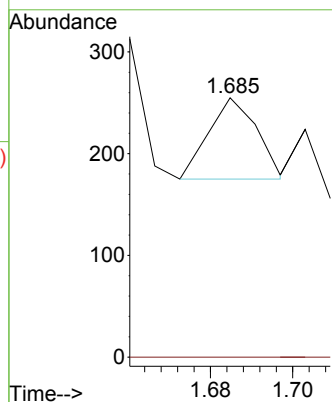
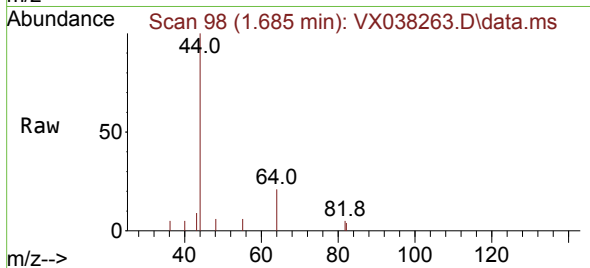
ClientSampleId :

Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#14

Allyl chloride

Concen: 0.270 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

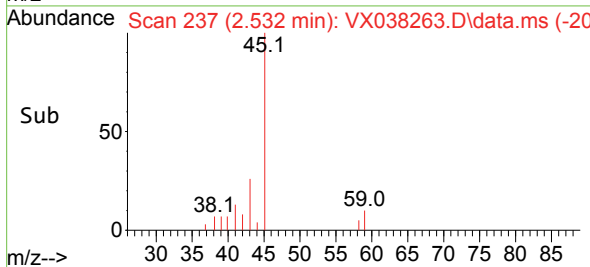
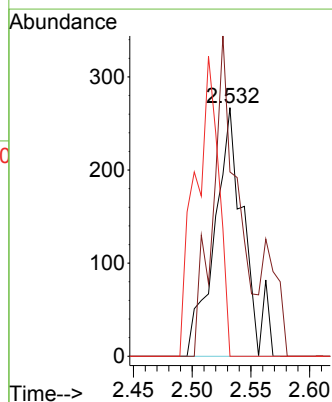
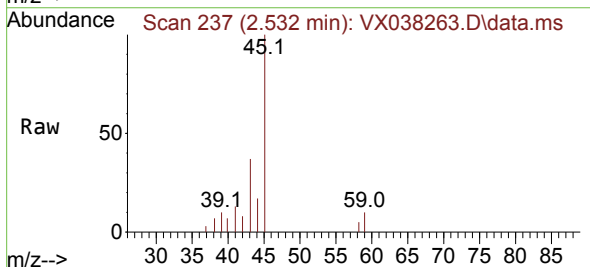
Tgt Ion: 41 Resp: 464

Ion Ratio Lower Upper

41 100

39 109.9 55.8 83.6#

76 96.6 24.3 36.5#

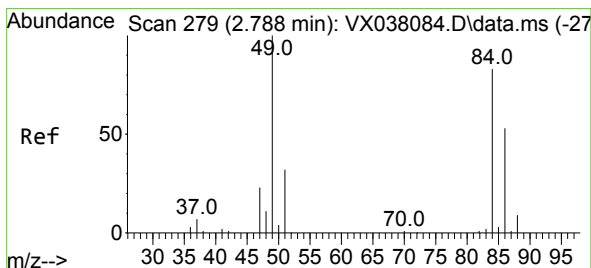
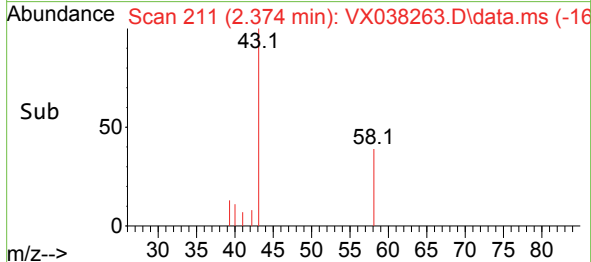
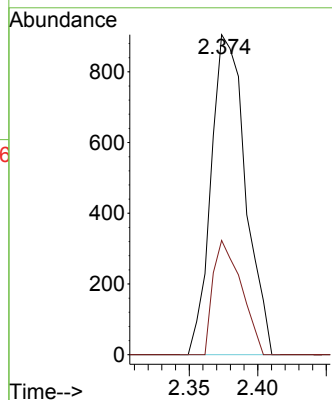
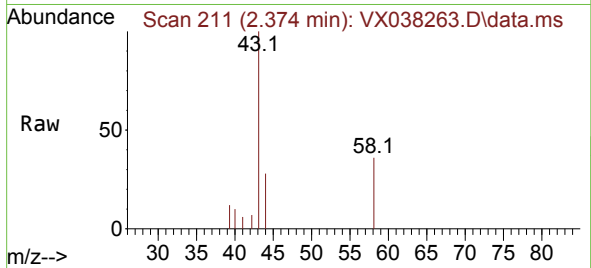




#16
Acetone
Concen: 2.243 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

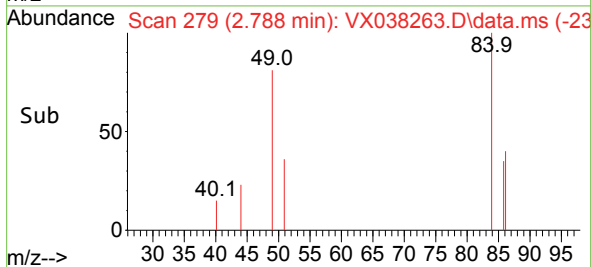
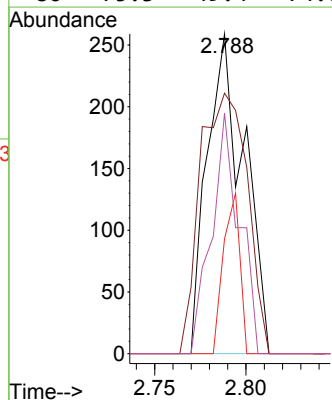
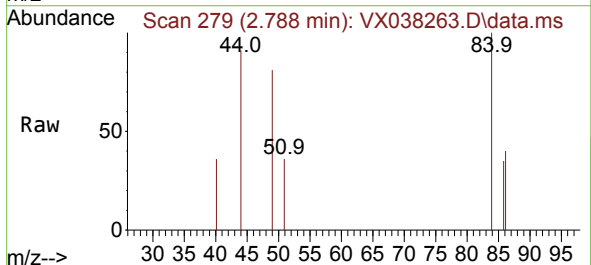
Instrument :
MSVOA_X
ClientSampleId :

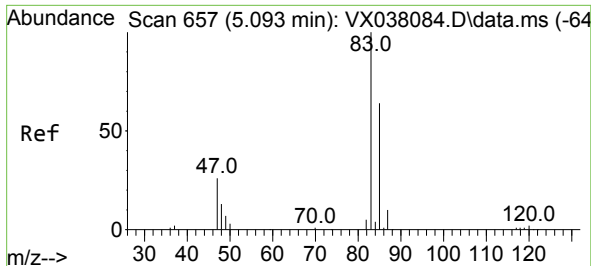
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion: 84 Resp: 365
Ion Ratio Lower Upper
84 100
49 81.5 103.6 155.4#
51 35.9 33.8 50.6
86 75.3 49.4 74.0#

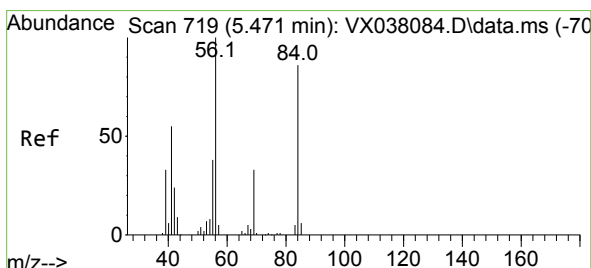
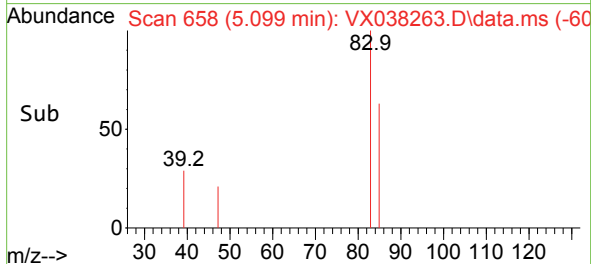
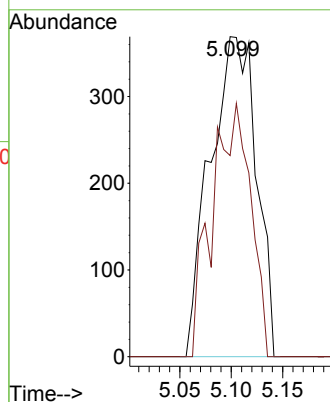
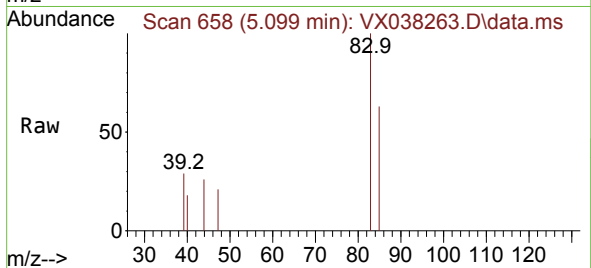




#30
Chloroform
Concen: 0.484 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

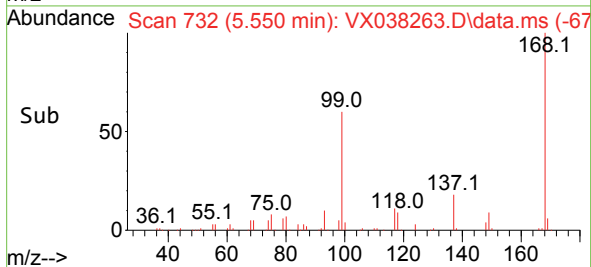
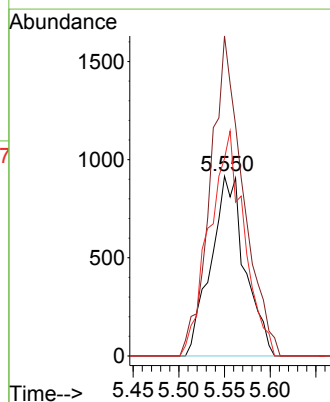
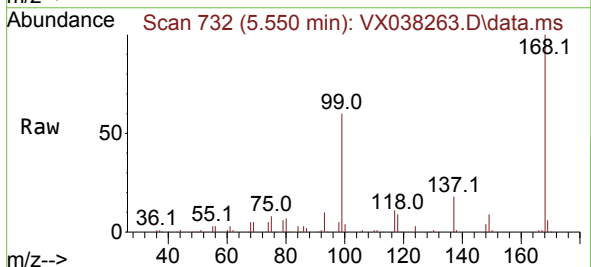
Instrument :
MSVOA_X
ClientSampleId :

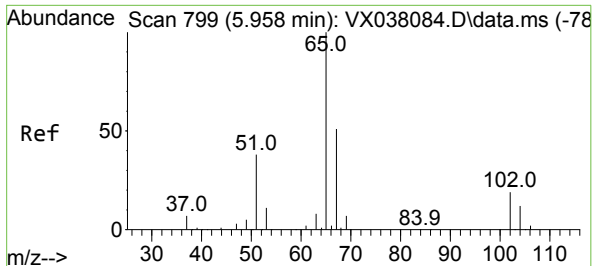
Tgt Ion: 83 Resp: 1155
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion: 56 Resp: 2382
Ion Ratio Lower Upper
56 100
69 178.1 23.4 35.2#
84 109.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.868 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

Instrument :

MSVOA_X

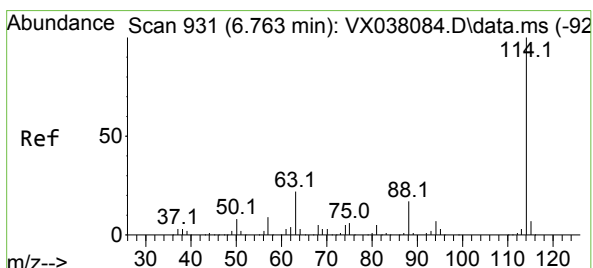
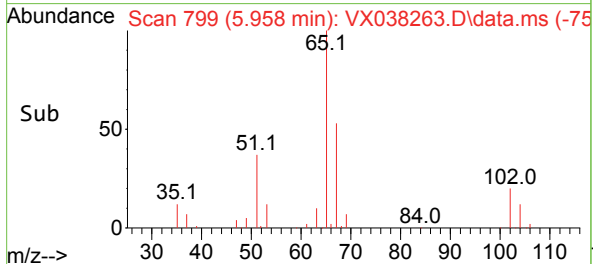
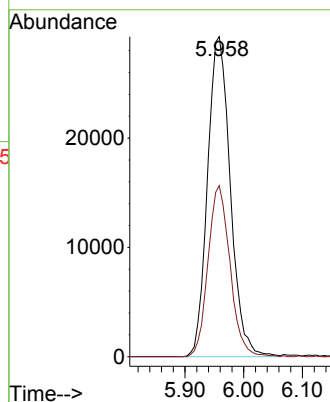
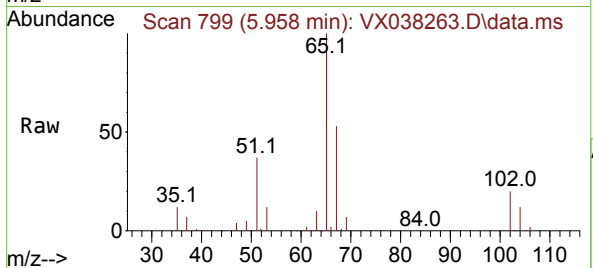
ClientSampleId :

Tgt Ion: 65 Resp: 79103

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

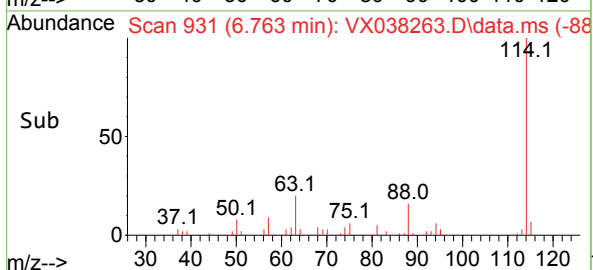
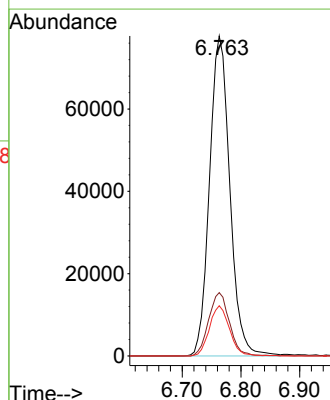
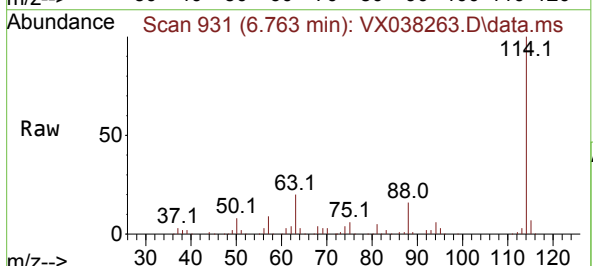
Tgt Ion: 114 Resp: 186915

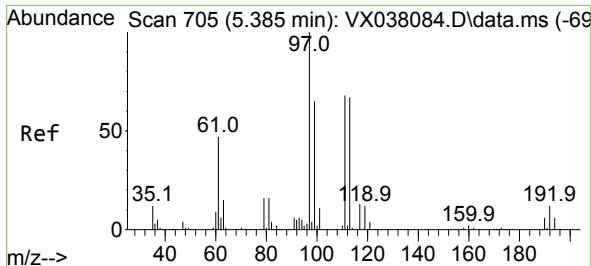
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

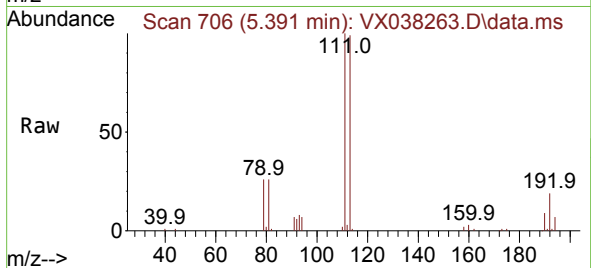
88 15.7 0.0 36.6



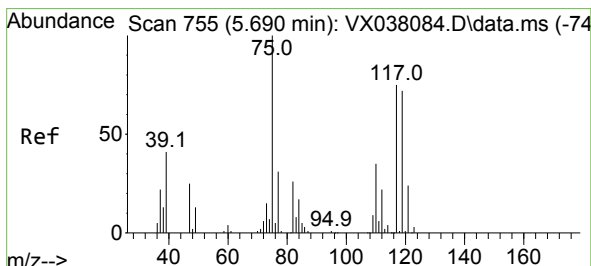
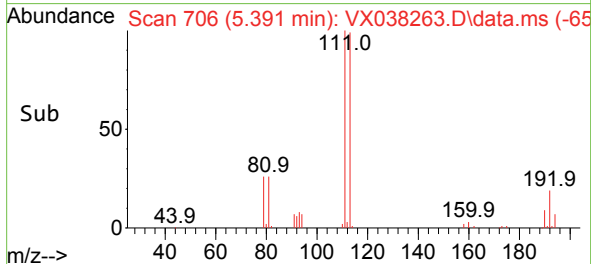
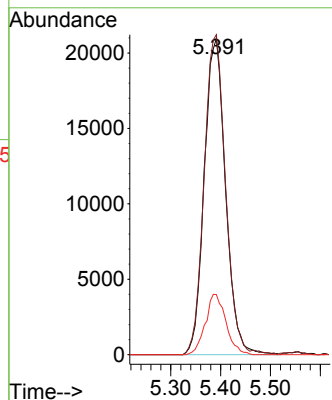


#35
Dibromofluoromethane
Concen: 46.104 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :

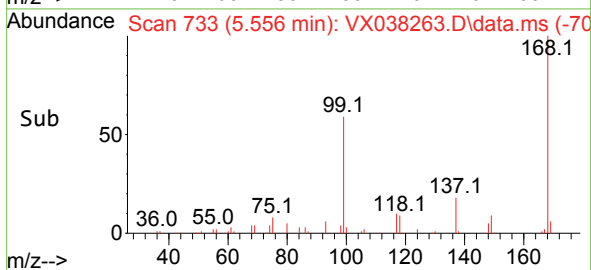
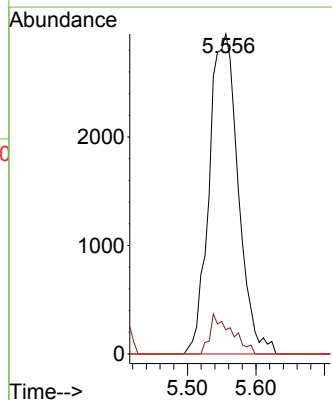
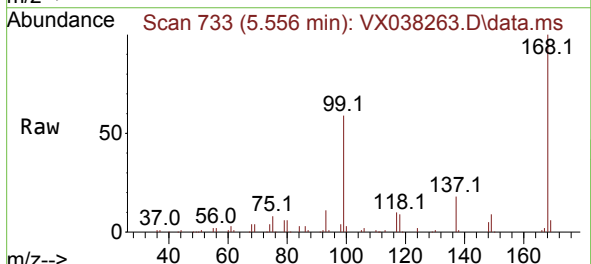


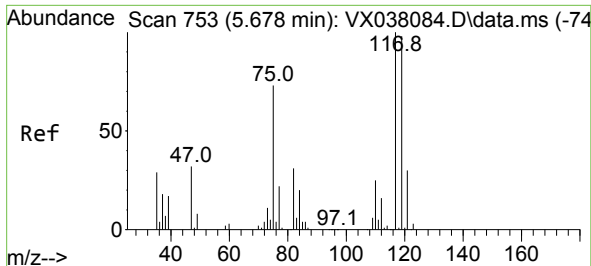
Tgt Ion:113 Resp: 62095
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

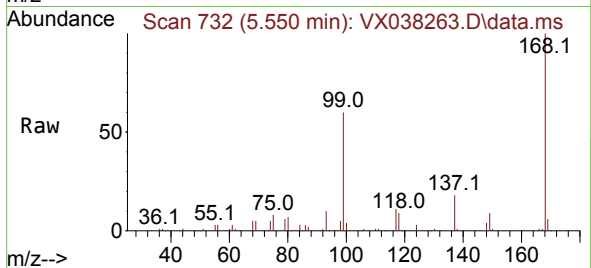
Tgt Ion: 75 Resp: 8671
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



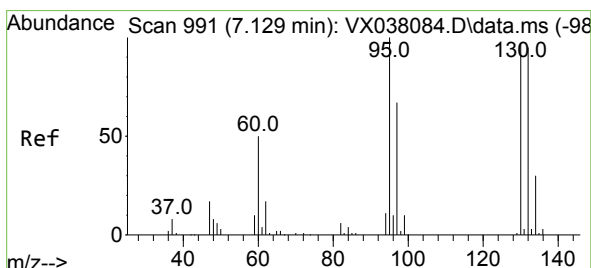
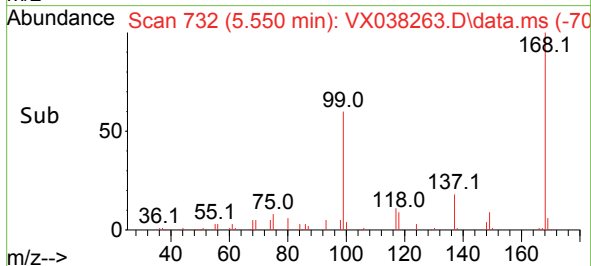
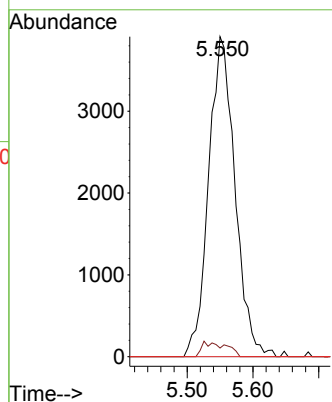


#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Instrument :
MSVOA_X
ClientSampleId :

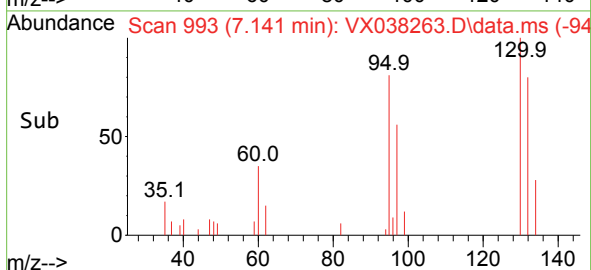
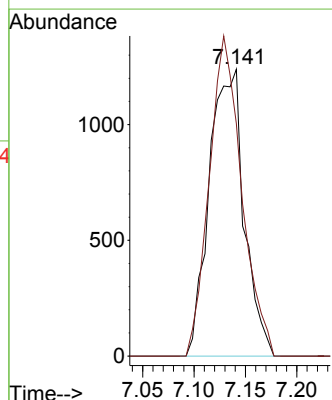
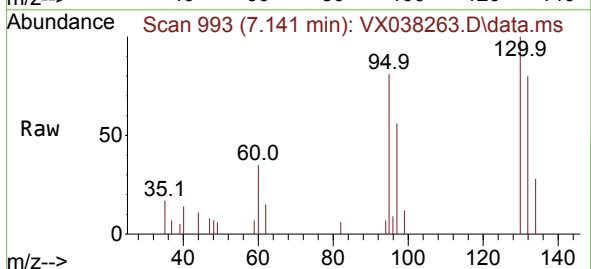


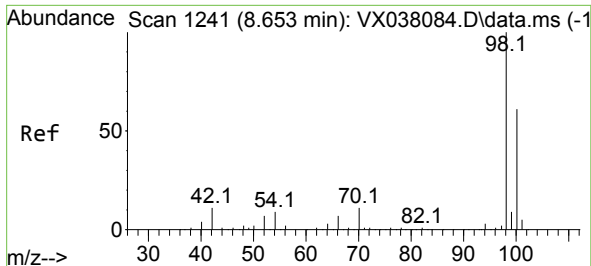
Tgt Ion:117 Resp: 10905
Ion Ratio Lower Upper
117 100
119 2.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.143 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion:130 Resp: 2912
Ion Ratio Lower Upper
130 100
95 81.0 0.0 204.4

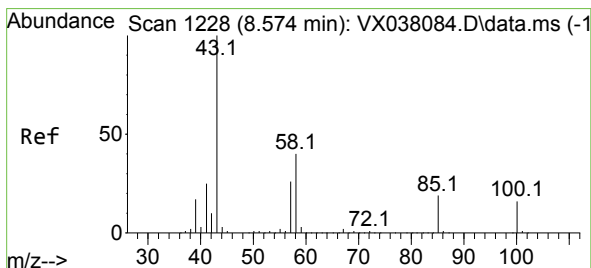
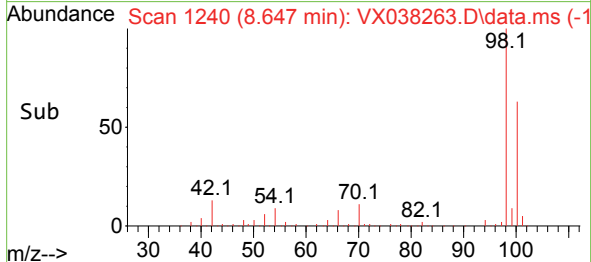
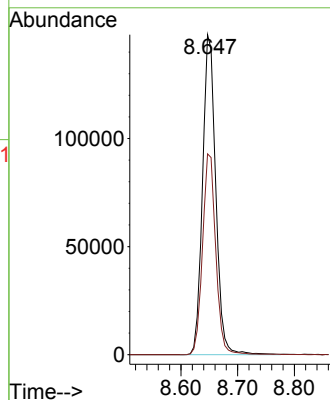
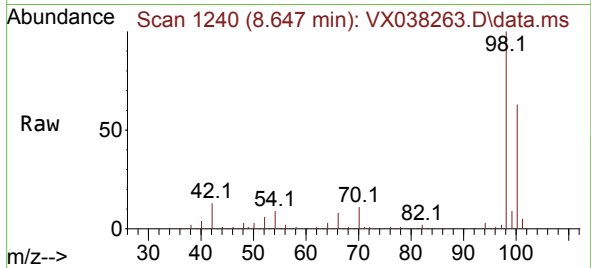




#50
Toluene-d8
Concen: 46.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

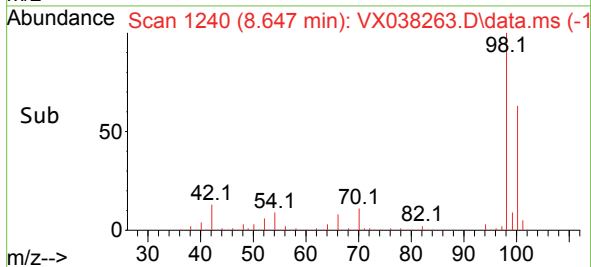
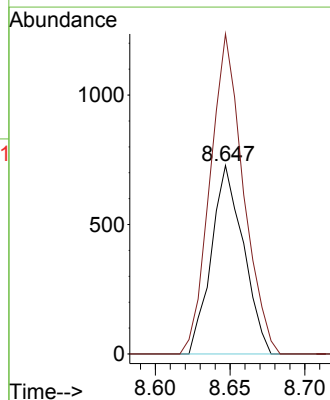
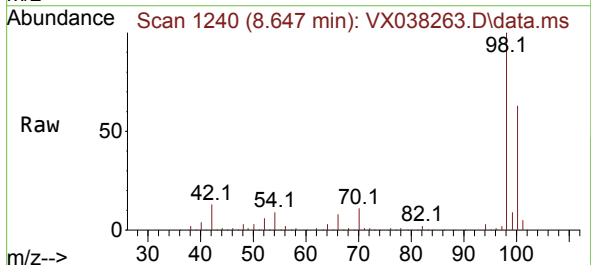
Instrument :
MSVOA_X
ClientSampleId :

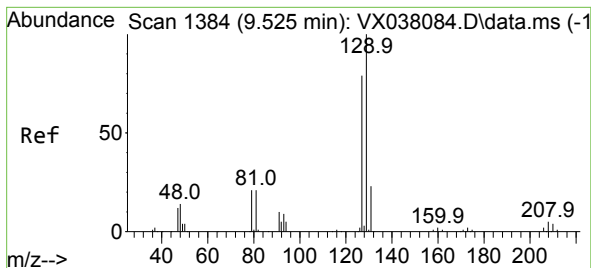
Tgt Ion: 98 Resp: 239472
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 175.6 30.4 45.6#





#60

Dibromochloromethane

Concen: 2.261 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

Instrument :

MSVOA_X

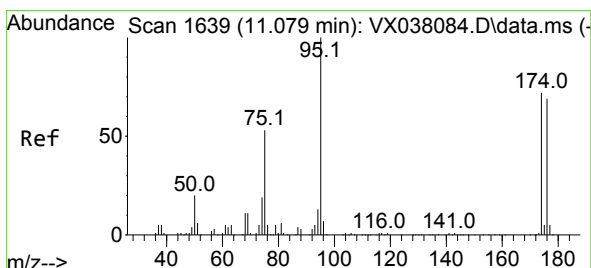
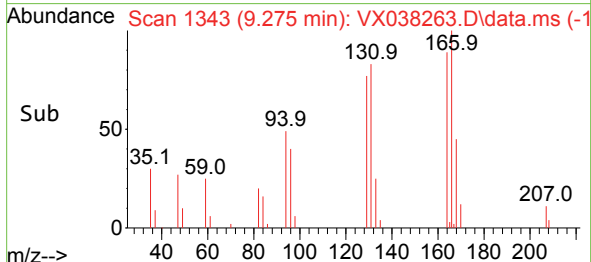
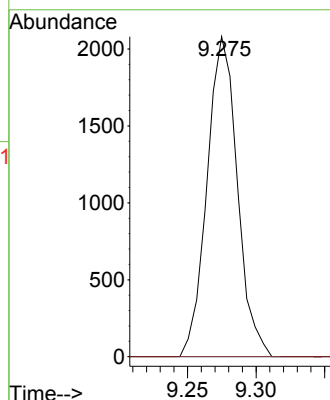
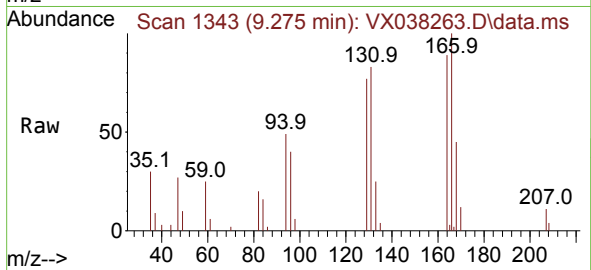
ClientSampleId :

Tgt Ion:129 Resp: 3203

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 48.053 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

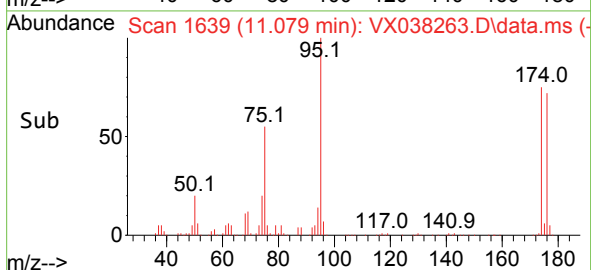
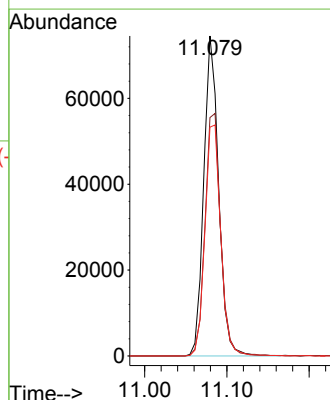
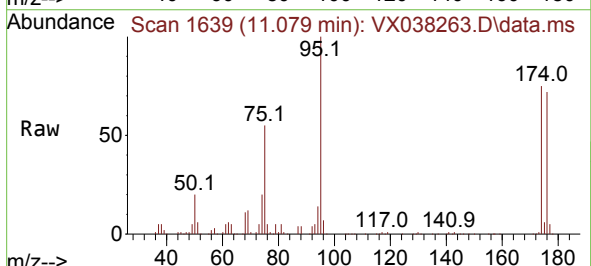
Tgt Ion: 95 Resp: 93758

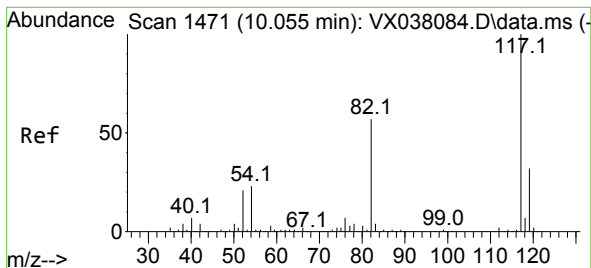
Ion Ratio Lower Upper

95 100

174 79.7 0.0 135.6

176 76.9 0.0 131.0

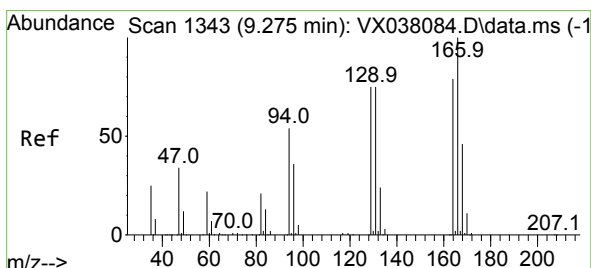
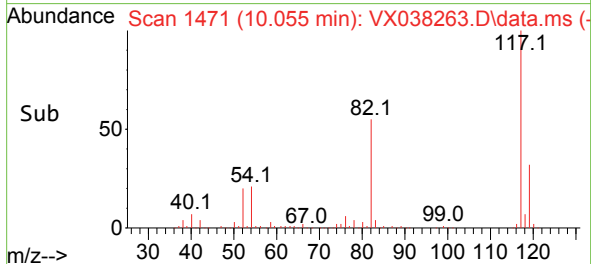
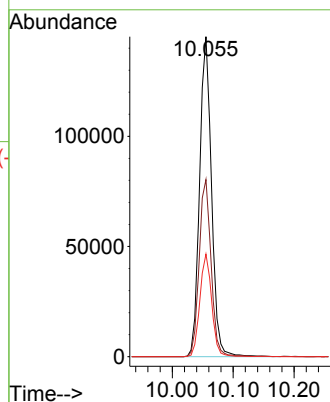
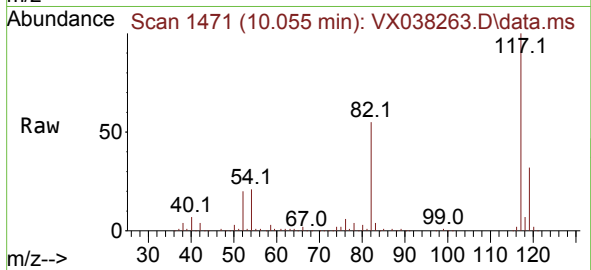




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

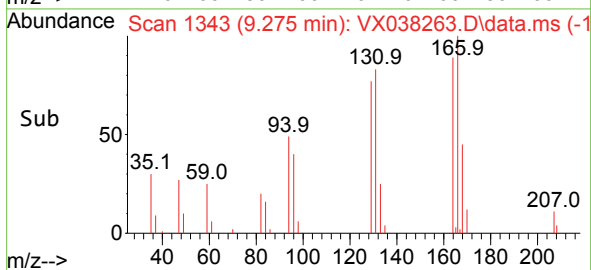
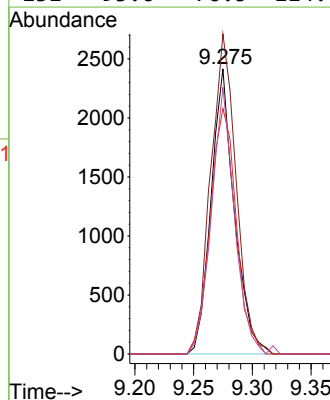
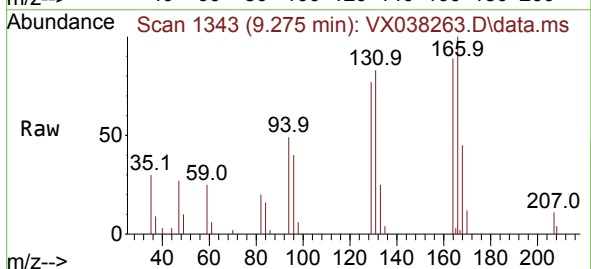
Instrument :
MSVOA_X
ClientSampleId :

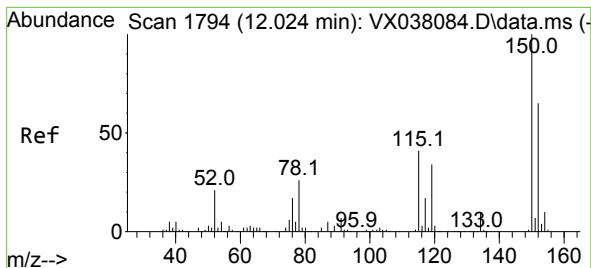
Tgt Ion:117 Resp: 197114
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 2.617 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038263.D
Acq: 12 Oct 2023 17:46

Tgt Ion:164 Resp: 3340
Ion Ratio Lower Upper
164 100
166 112.3 102.7 154.1
129 86.1 80.4 120.6
131 93.6 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038263.D

Acq: 12 Oct 2023 17:46

Instrument :

MSVOA_X

ClientSampleId :

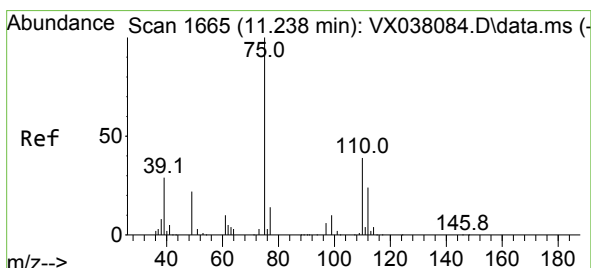
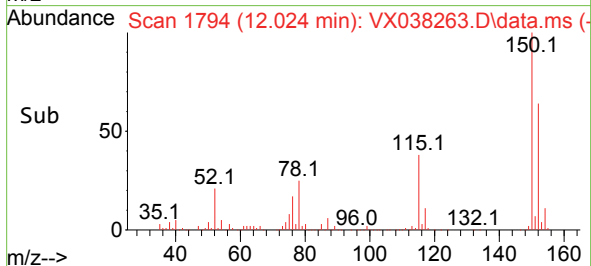
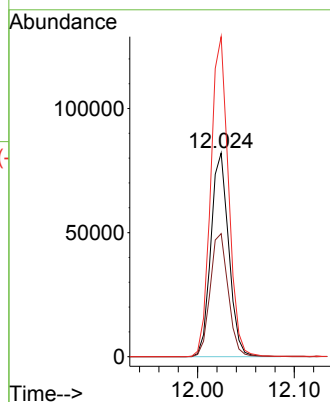
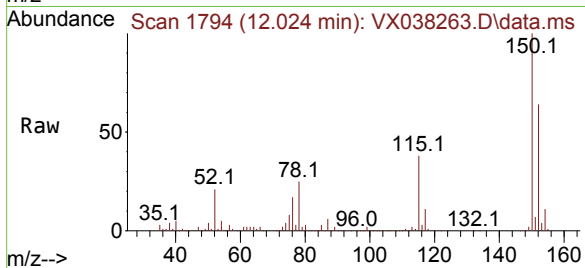
Tgt Ion:152 Resp: 105134

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.056 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038263.D

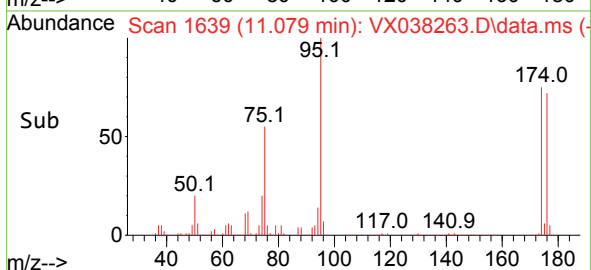
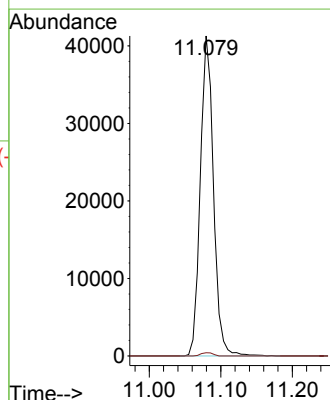
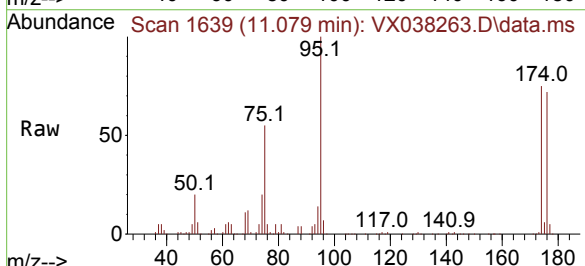
Acq: 12 Oct 2023 17:46

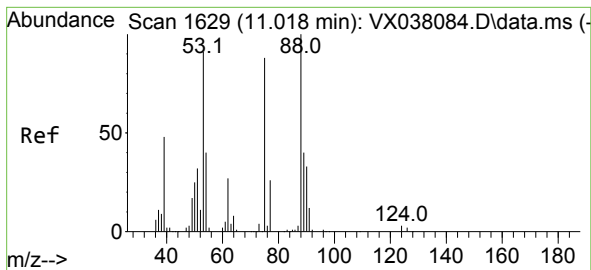
Tgt Ion: 75 Resp: 52715

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.240 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038263.D
 Acq: 12 Oct 2023 17:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 52715
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

