

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038233.D
 Acq On : 11 Oct 2023 16:42
 Operator : JC/MD
 Sample : 04803-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:47:20 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)

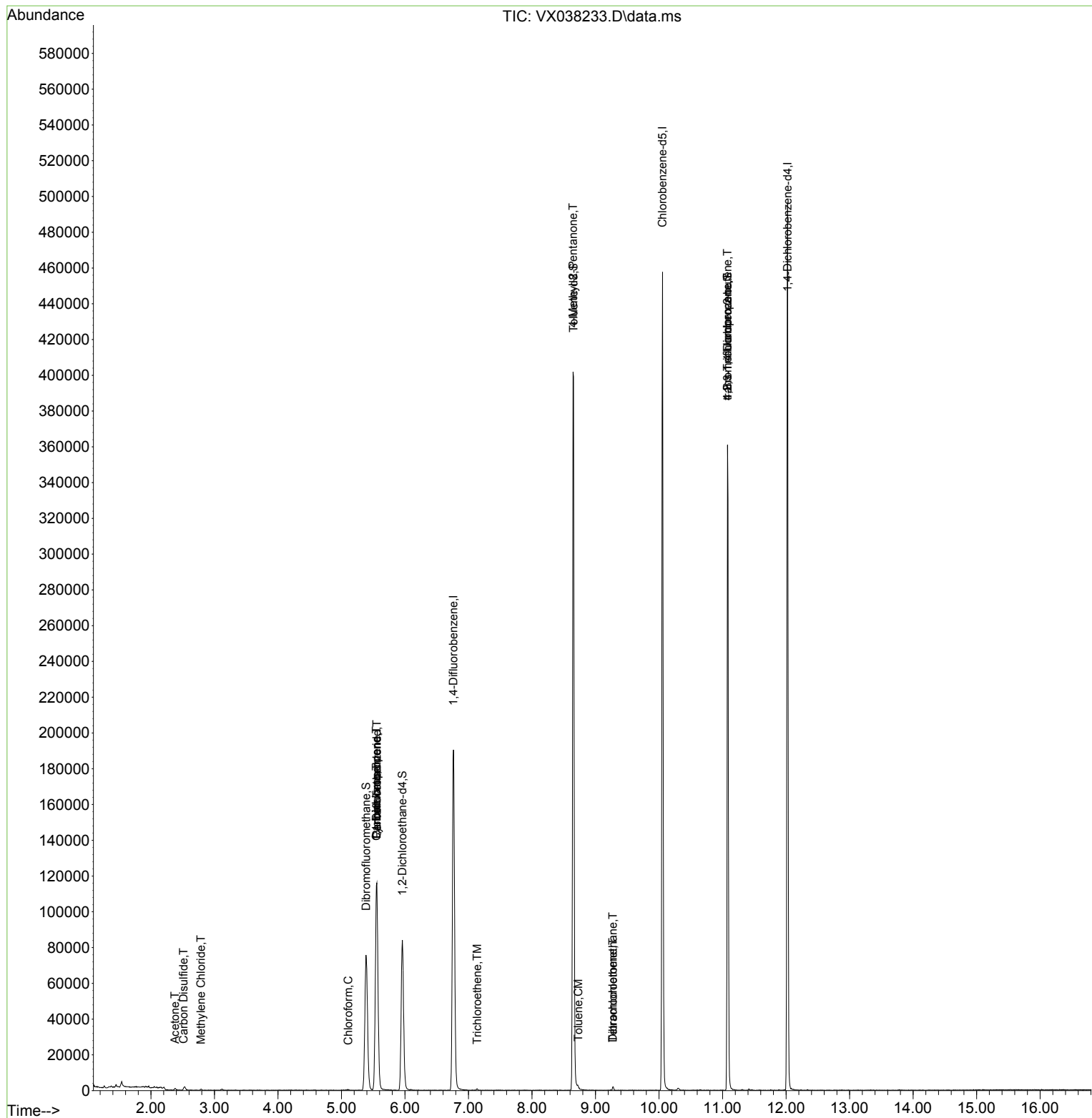
Internal Standards						
1) Pentafluorobenzene	5.556	168	108668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82302	47.087	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.180%
35) Dibromofluoromethane	5.385	113	64276	45.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.653	98	248325	45.679	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.360%#
62) 4-Bromofluorobenzene	11.079	95	90509	43.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	45	Below Cal	#	3
6) Chloroethane	1.691	64	112	Below Cal	#	43
16) Acetone	2.379	43	1066	1.461	ug/l	94
17) Carbon Disulfide	2.514	76	908	0.317	ug/l #	76
20) Methylene Chloride	2.788	84	296	0.216	ug/l #	81
30) Chloroform	5.105	83	545	0.220	ug/l #	84
31) Cyclohexane	5.550	56	2907	1.535	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	9396	4.789	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11723	6.074	ug/l #	16
44) Trichloroethene	7.135	130	310	0.216	ug/l	39
51) 4-Methyl-2-Pentanone	8.647	43	1246	0.519	ug/l #	1
52) Toluene	8.726	92	738	0.206	ug/l	94
60) Dibromochloromethane	9.275	129	302	0.202	ug/l #	11
64) Tetrachloroethene	9.275	164	381	0.300	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	50668	22.596	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50668	64.691	ug/l #	5

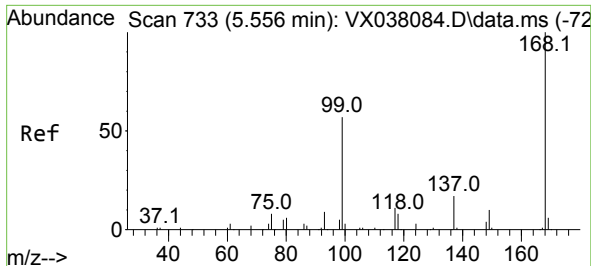
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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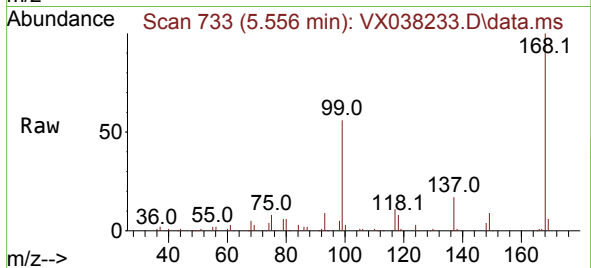
Quant Time: Oct 12 02:47:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



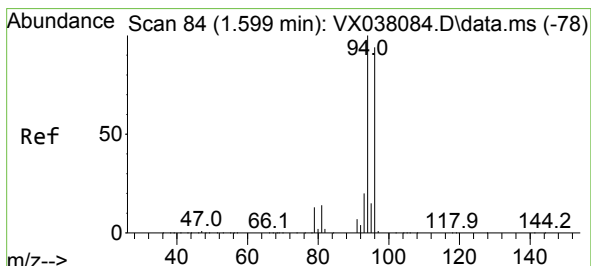
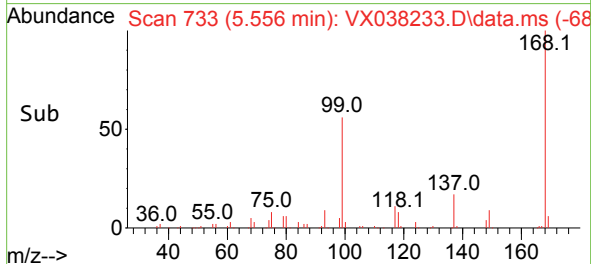
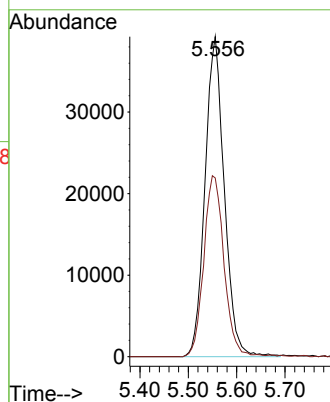


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

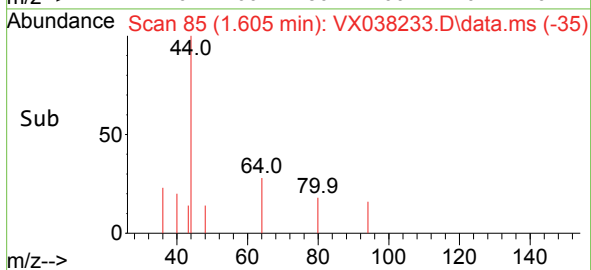
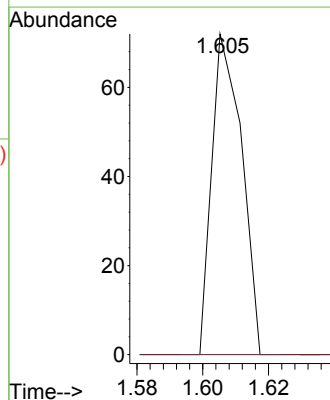
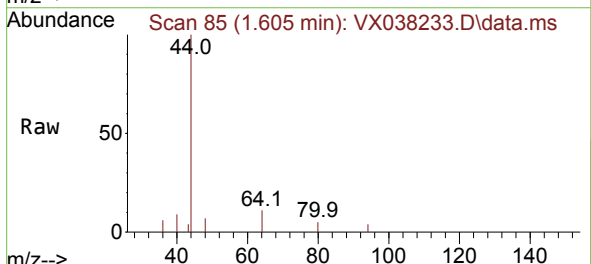


Tgt Ion:168 Resp: 108668
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

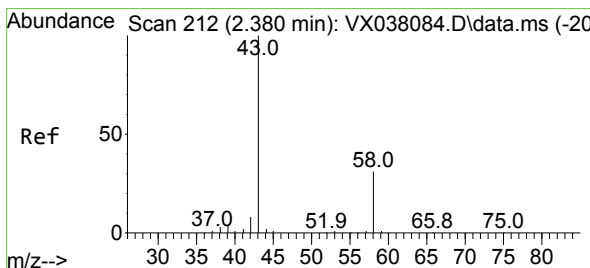
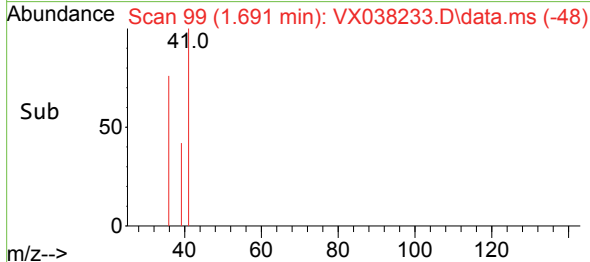
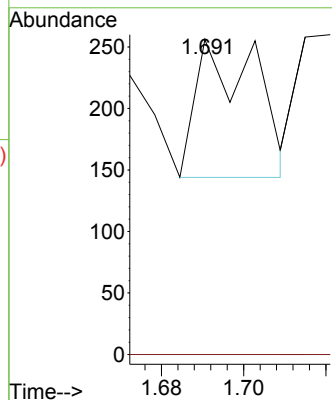
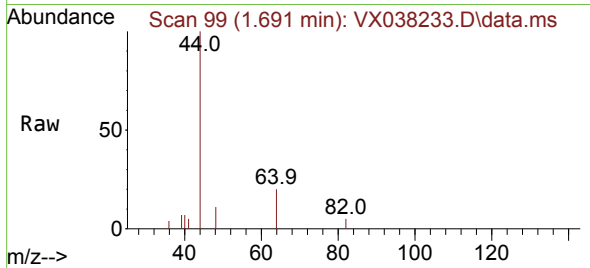




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

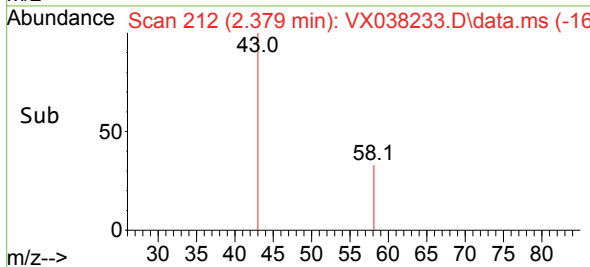
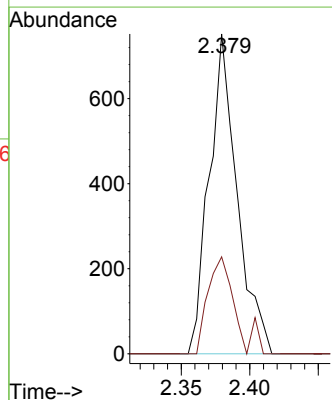
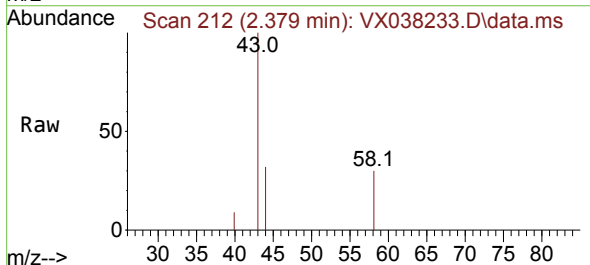
Instrument :
MSVOA_X
ClientSampleId :

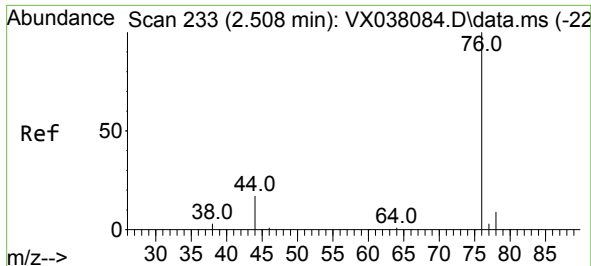
Tgt Ion: 64 Resp: 112
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.461 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.317 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

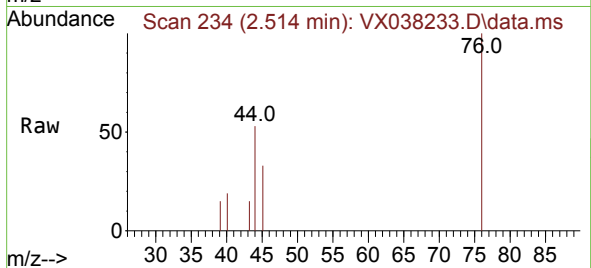
Lab File: VX038233.D

Acq: 11 Oct 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

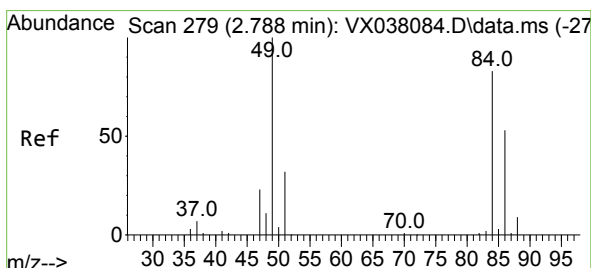
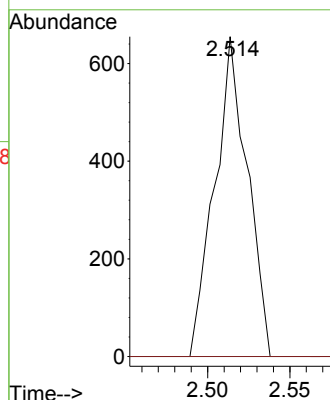


Tgt Ion: 76 Resp: 908

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038233.D

Acq: 11 Oct 2023 16:42

Tgt Ion: 84 Resp: 296

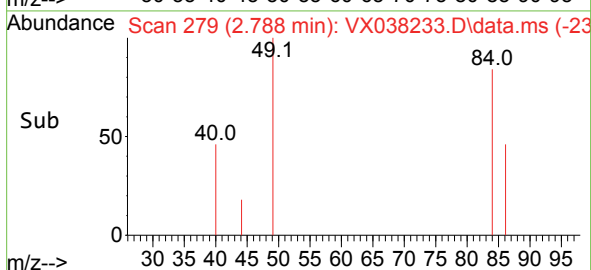
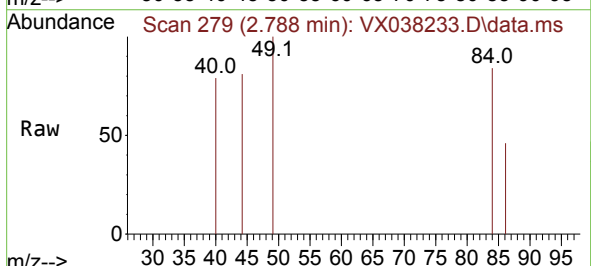
Ion Ratio Lower Upper

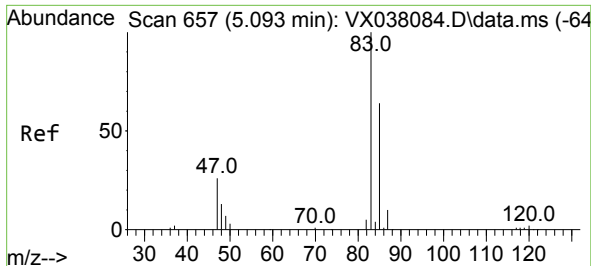
84 100

49 119.6 103.6 155.4

51 0.0 33.8 50.6#

86 54.5 49.4 74.0

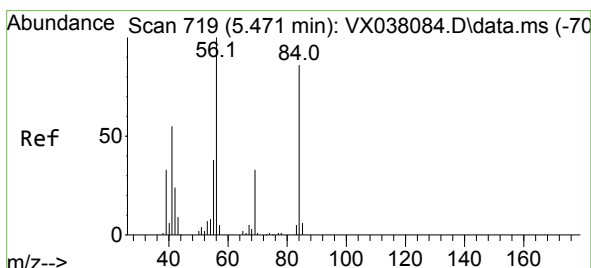
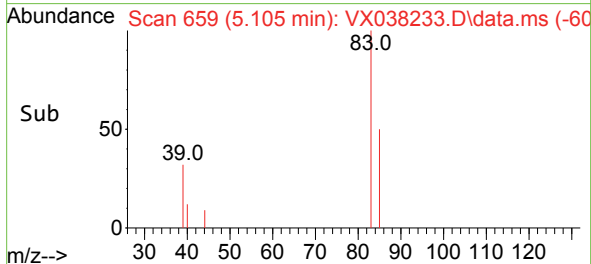
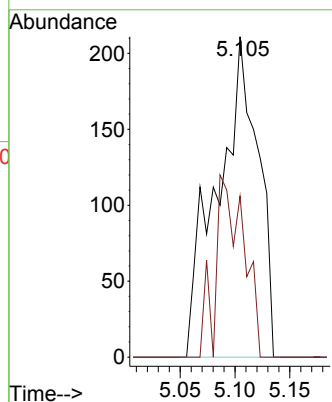
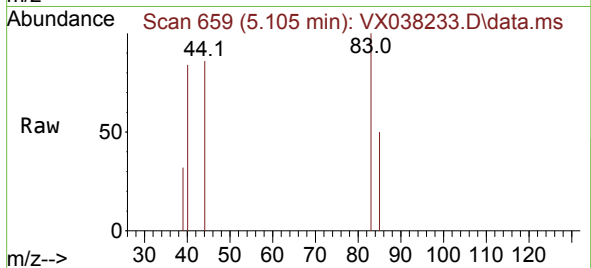




#30
Chloroform
Concen: 0.220 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

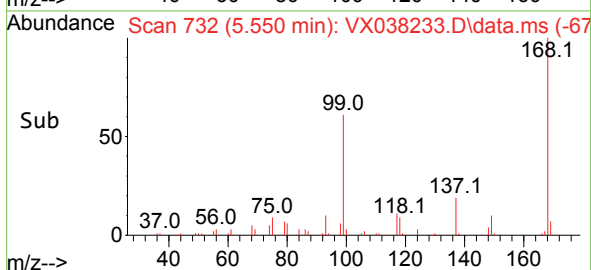
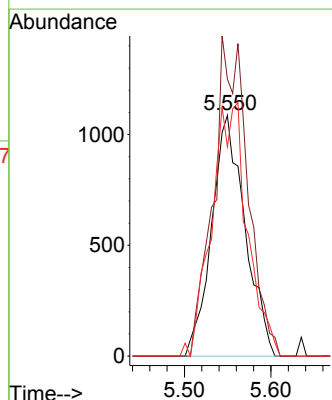
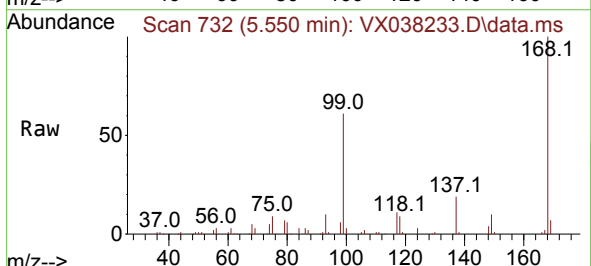
Instrument :
MSVOA_X
ClientSampleId :

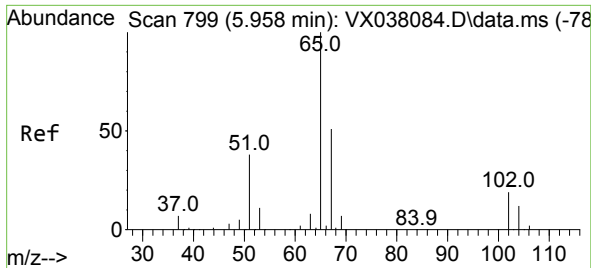
Tgt Ion: 83 Resp: 545
Ion Ratio Lower Upper
83 100
85 50.2 50.3 75.5#



#31
Cyclohexane
Concen: 1.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 56 Resp: 2907
Ion Ratio Lower Upper
56 100
69 115.1 23.4 35.2#
84 86.9 65.9 98.9

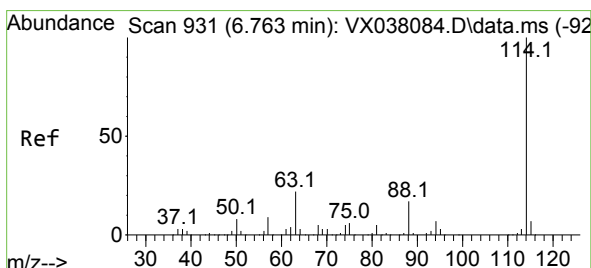
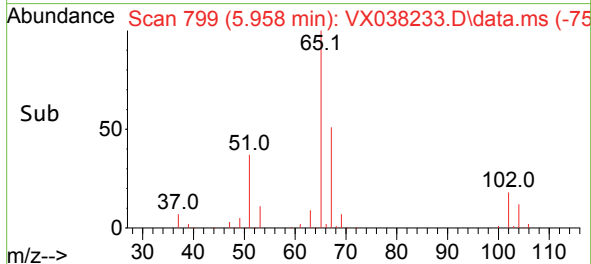
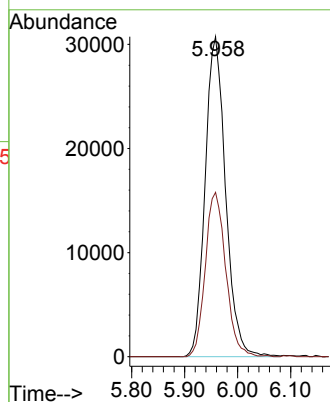
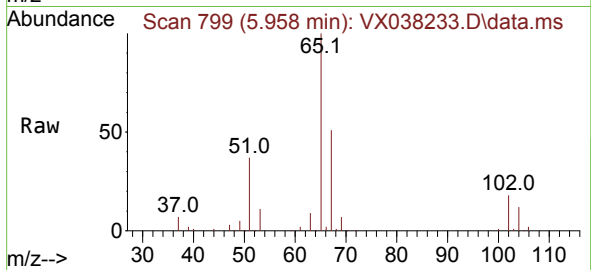




#33
 1,2-Dichloroethane-d4
 Concen: 47.087 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038233.D
 Acq: 11 Oct 2023 16:42

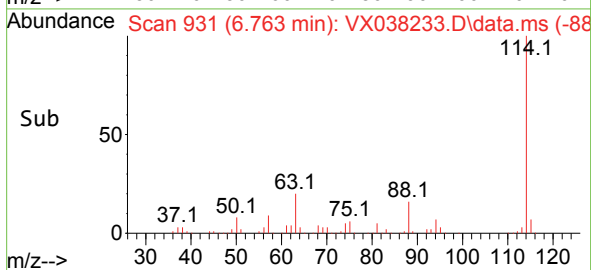
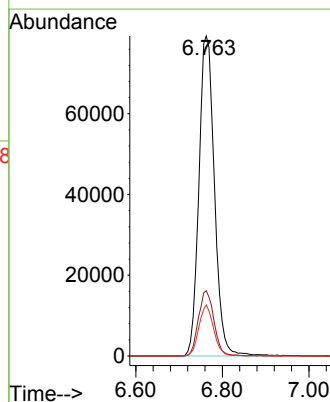
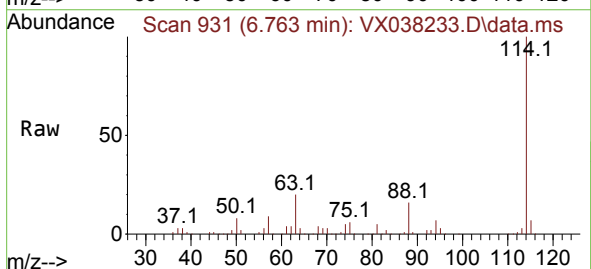
Instrument :
 MSVOA_X
 ClientSampleId :

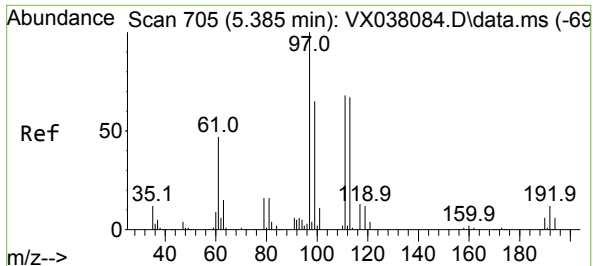
Tgt Ion: 65 Resp: 82302
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038233.D
 Acq: 11 Oct 2023 16:42

Tgt Ion:114 Resp: 197435
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.9 0.0 36.6

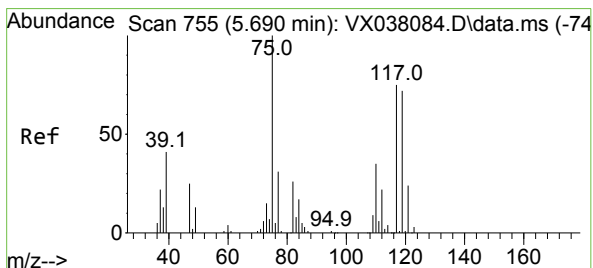
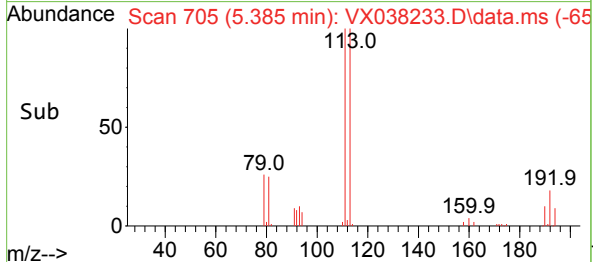
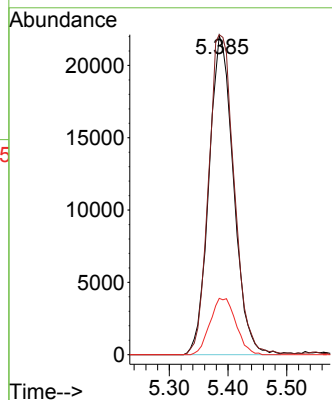
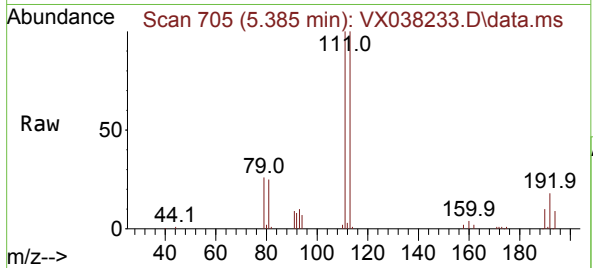




#35
Dibromofluoromethane
Concen: 45.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

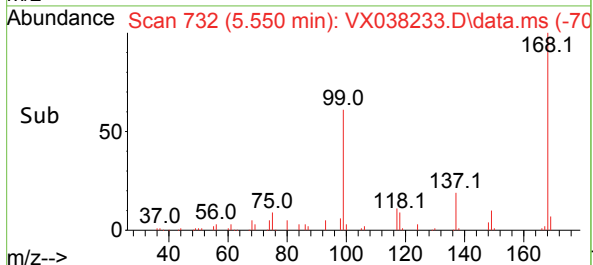
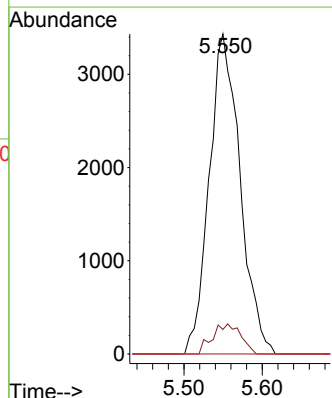
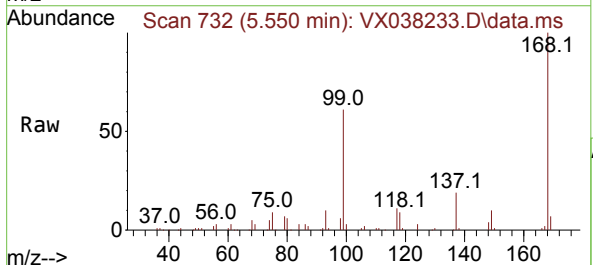
Instrument :
MSVOA_X
ClientSampleId :

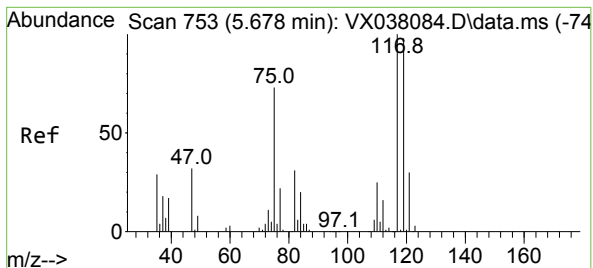
Tgt Ion:113 Resp: 64276
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 75 Resp: 9396
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.074 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

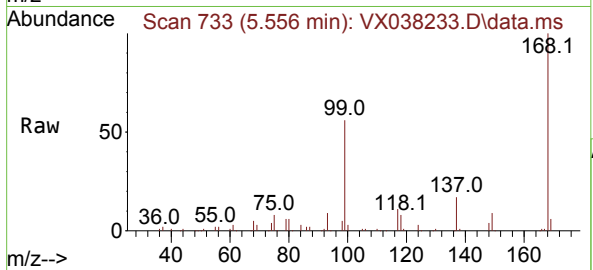
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Acq: 11 Oct 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :



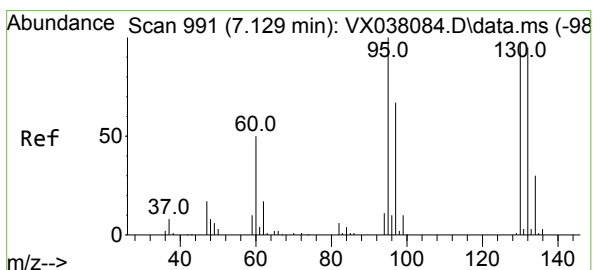
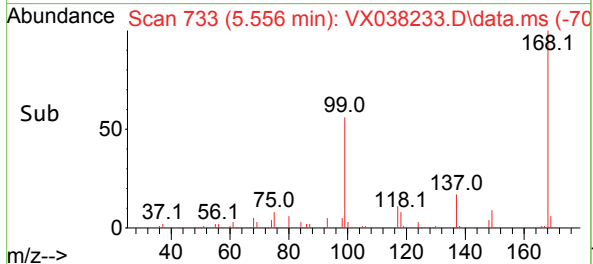
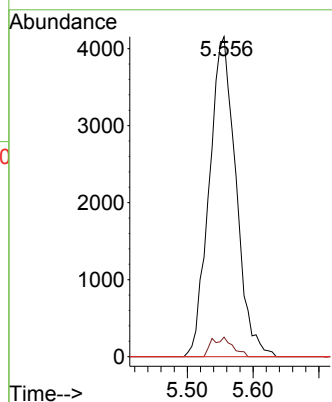
Tgt Ion:117 Resp: 11723

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.216 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038233.D

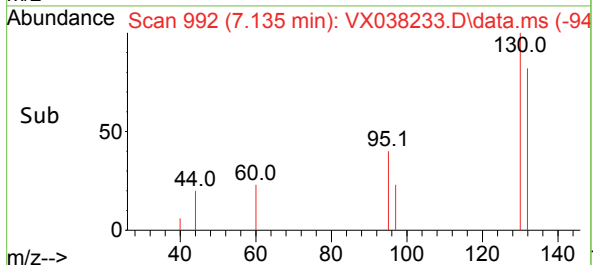
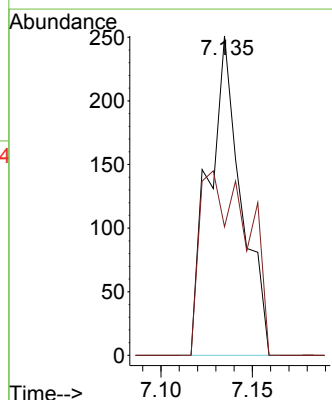
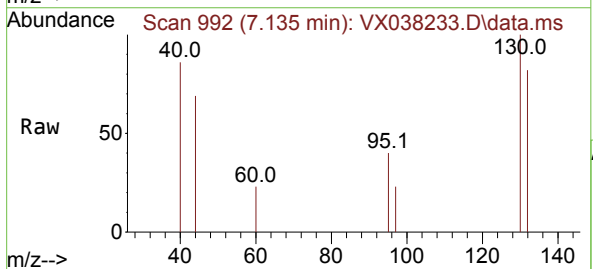
Acq: 11 Oct 2023 16:42

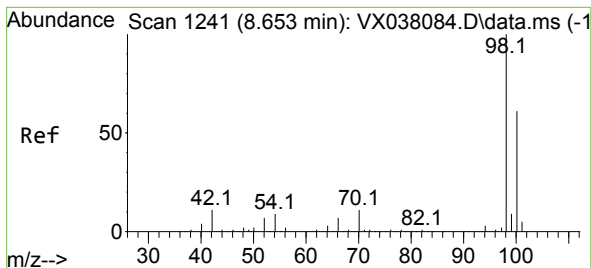
Tgt Ion:130 Resp: 310

Ion Ratio Lower Upper

130 100

95 40.2 0.0 204.4





#50

Toluene-d8

Concen: 45.679 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038233.D

Acq: 11 Oct 2023 16:42

Instrument :

MSVOA_X

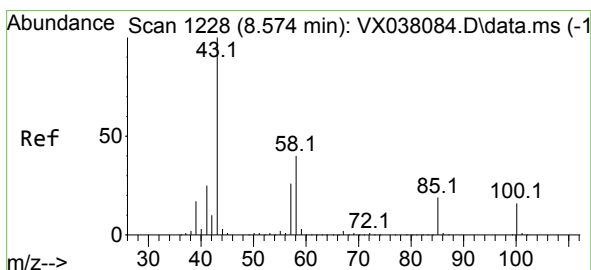
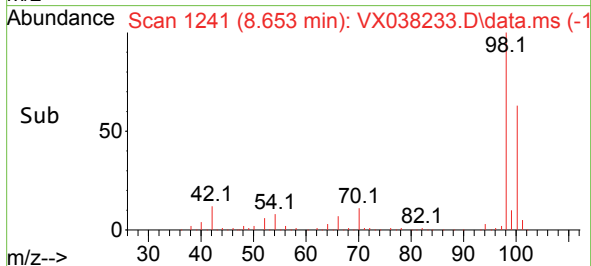
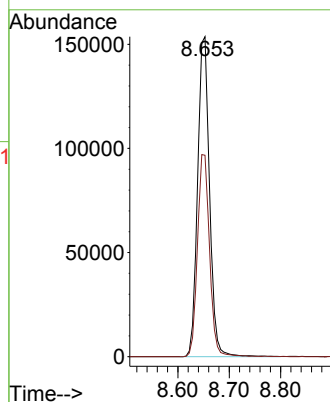
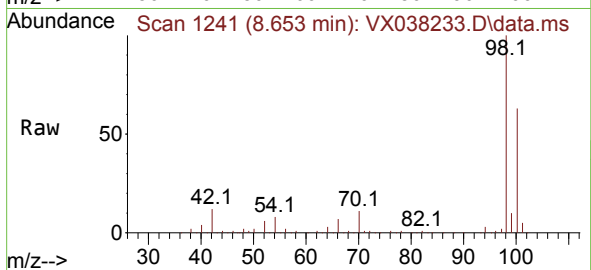
ClientSampleId :

Tgt Ion: 98 Resp: 248325

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.519 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038233.D

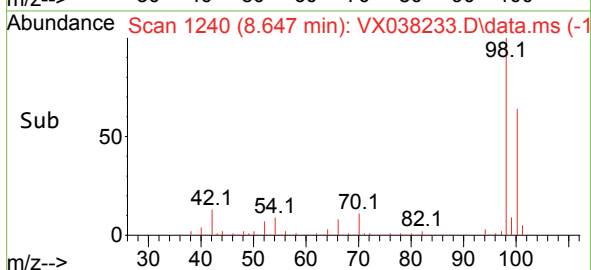
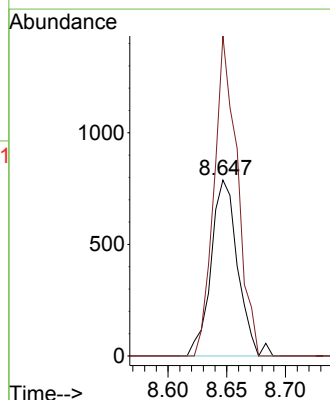
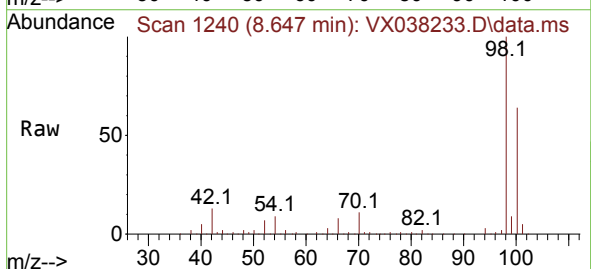
Acq: 11 Oct 2023 16:42

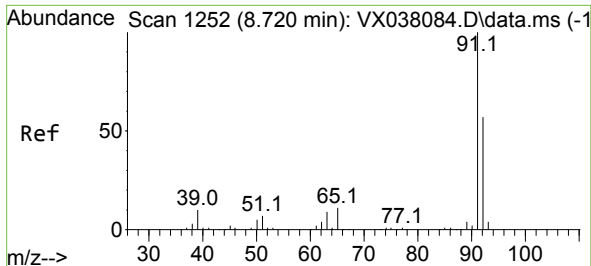
Tgt Ion: 43 Resp: 1246

Ion Ratio Lower Upper

43 100

58 158.5 30.4 45.6#

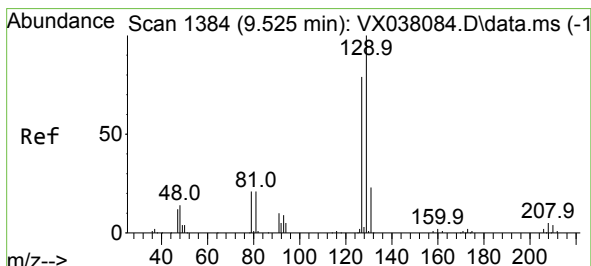
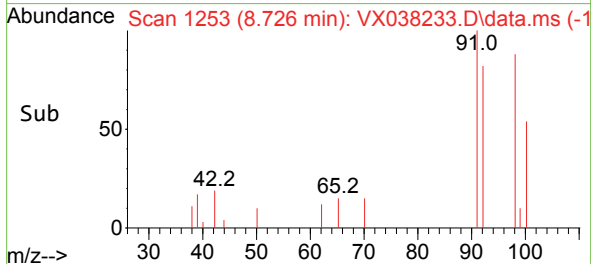
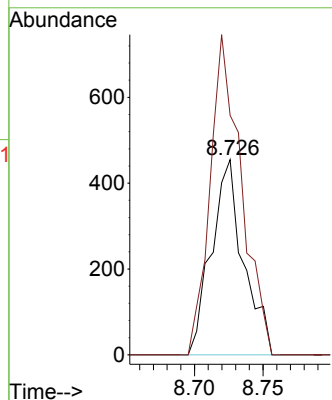
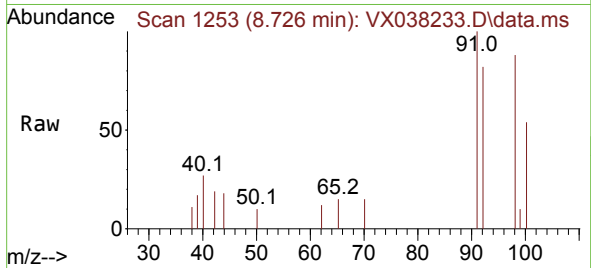




#52
Toluene
Concen: 0.206 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

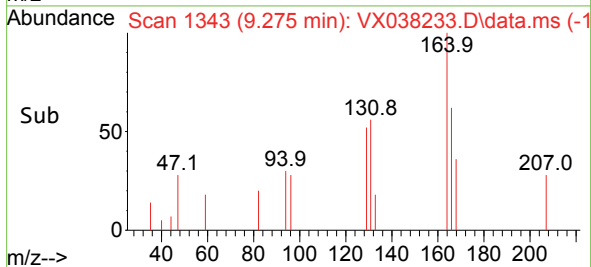
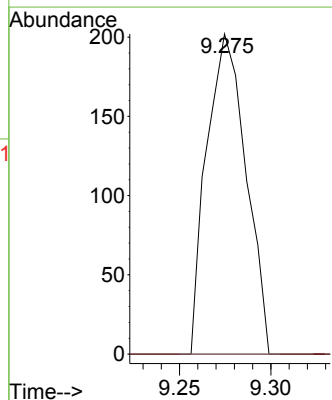
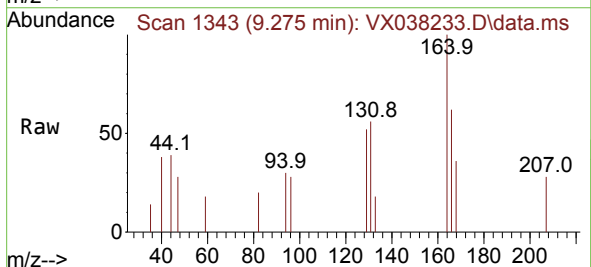
Instrument :
MSVOA_X
ClientSampleId :

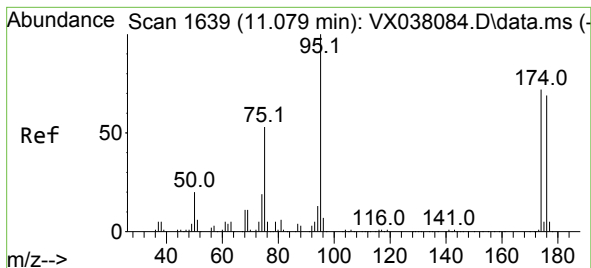
Tgt Ion: 92 Resp: 738
Ion Ratio Lower Upper
92 100
91 159.9 134.2 201.2



#60
Dibromochloromethane
Concen: 0.202 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 129 Resp: 302
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

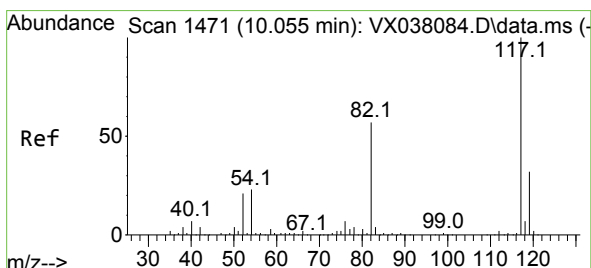
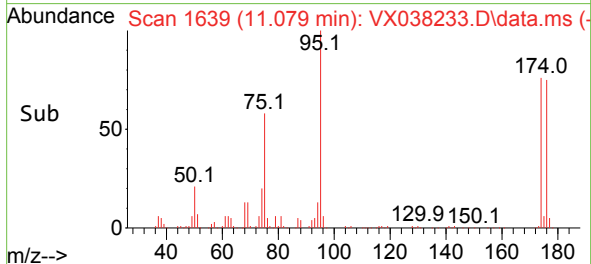
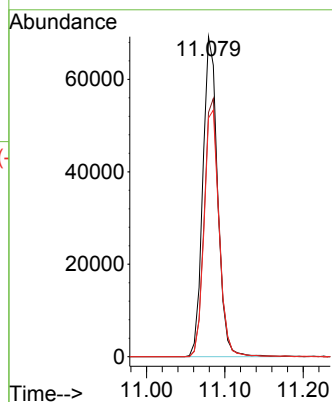
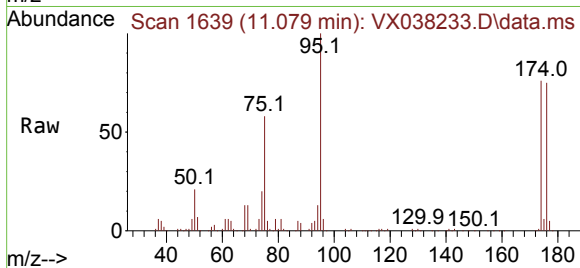




#62
4-Bromofluorobenzene
Concen: 43.916 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

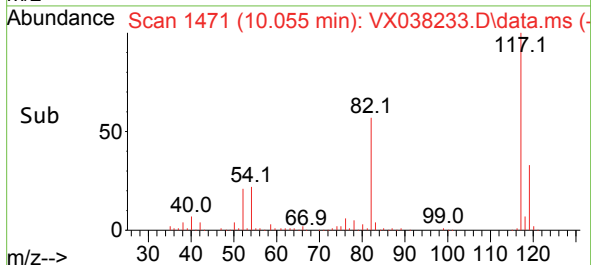
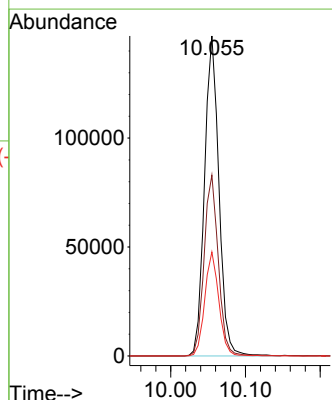
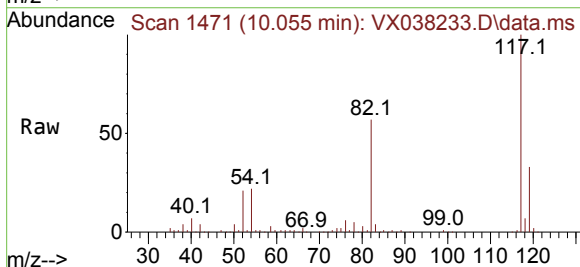
Instrument :
MSVOA_X
ClientSampleId :

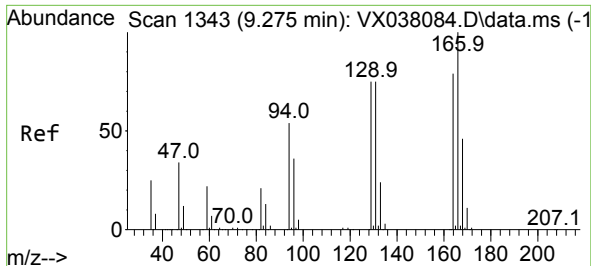
Tgt Ion: 95 Resp: 90509
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

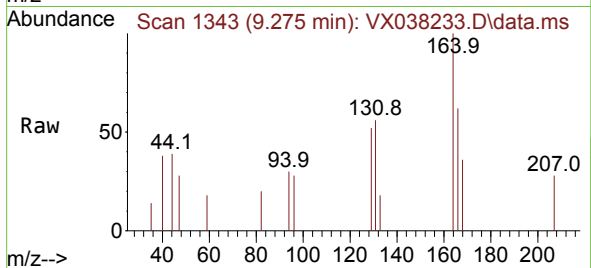
Tgt Ion: 117 Resp: 196391
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.5 25.5 38.3



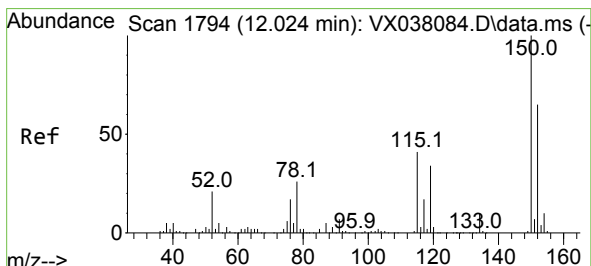
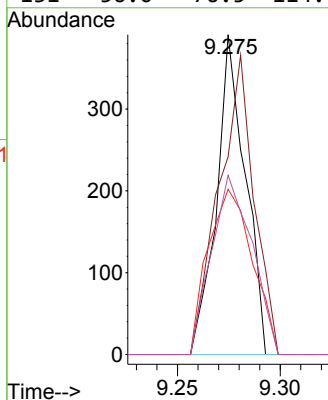
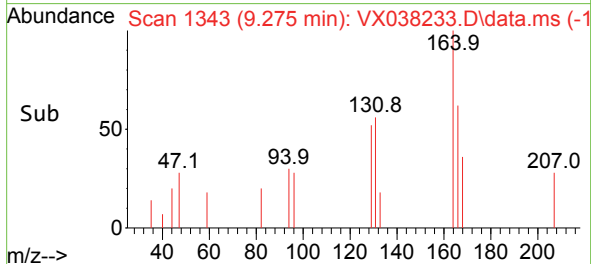


#64
Tetrachloroethene
Concen: 0.300 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

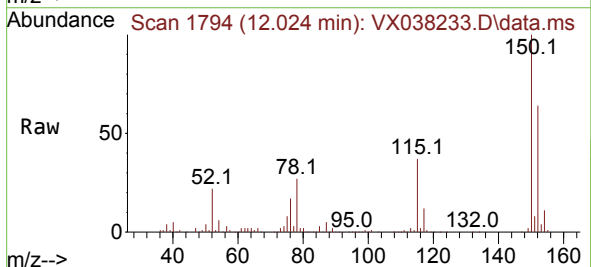
Instrument :
MSVOA_X
ClientSampleId :



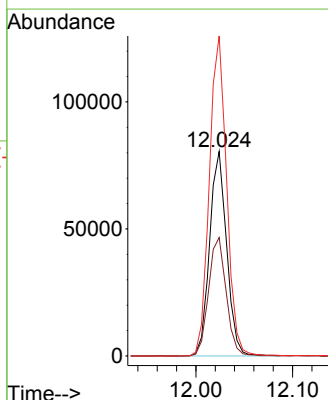
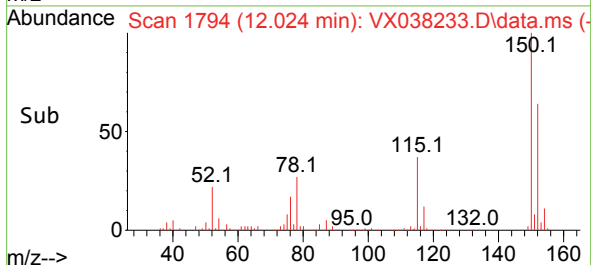
Tgt Ion:164 Resp: 381
Ion Ratio Lower Upper
164 100
166 61.9 102.7 154.1#
129 51.7 80.4 120.6#
131 56.0 76.5 114.7#

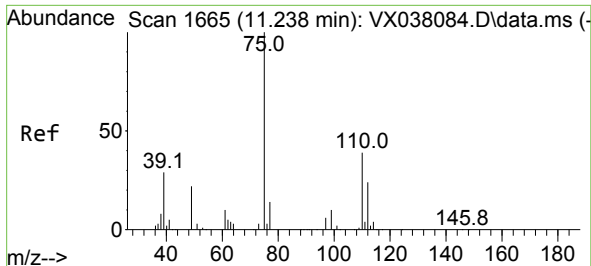


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42



Tgt Ion:152 Resp: 98633
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 158.4 0.0 345.0

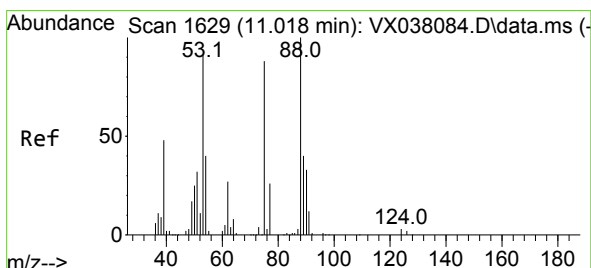
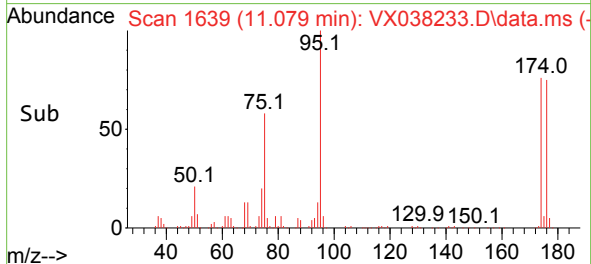
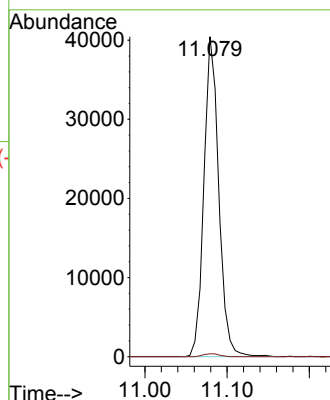
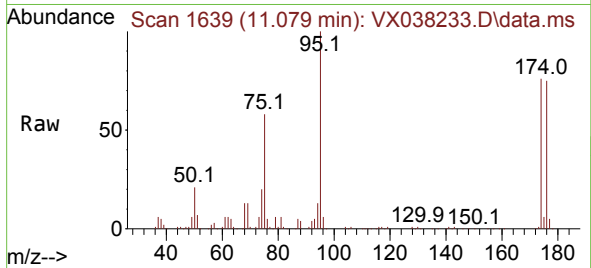




#76
1,2,3-Trichloropropane
Concen: 22.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50668
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038233.D
Acq: 11 Oct 2023 16:42

Tgt Ion: 75 Resp: 50668
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

