

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038239.D
 Acq On : 11 Oct 2023 19:01
 Operator : JC/MD
 Sample : 04803-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:49:41 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)

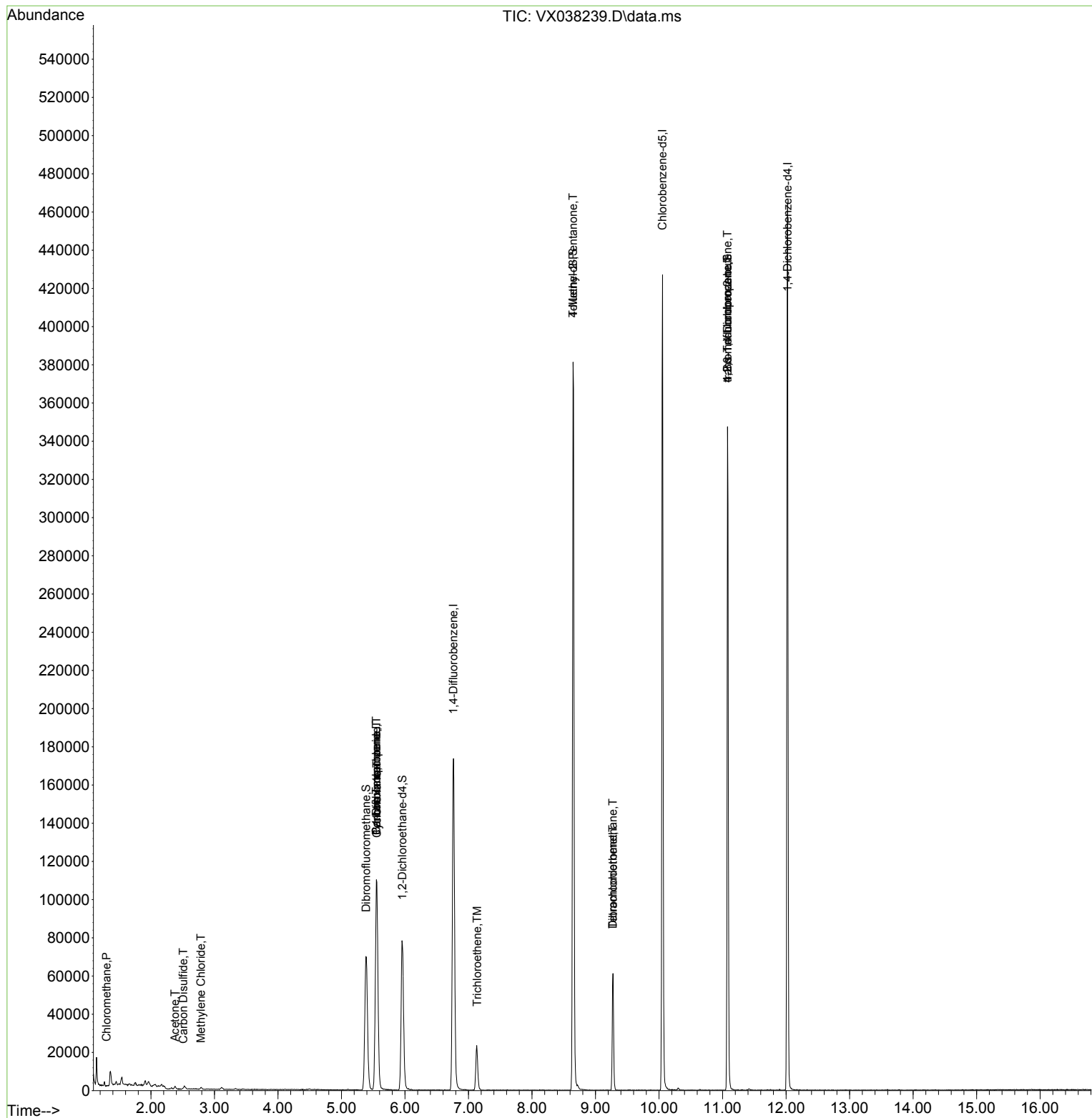
Internal Standards						
1) Pentafluorobenzene	5.550	168	101899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75213	45.890	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.385	113	61460	47.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	8.647	98	232003	46.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.700%
62) 4-Bromofluorobenzene	11.079	95	86499	46.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	261	0.260	ug/l #	75
5) Bromomethane	1.617	94	19	Below Cal	#	3
6) Chloroethane	1.672	64	106	Below Cal	#	43
16) Acetone	2.380	43	1321	1.931	ug/l	92
17) Carbon Disulfide	2.508	76	582	0.217	ug/l #	76
20) Methylene Chloride	2.788	84	449	0.349	ug/l #	79
31) Cyclohexane	5.556	56	2593	1.460	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8616	4.822	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11010	6.263	ug/l #	14
44) Trichloroethene	7.135	130	8358	6.394	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1073	0.491	ug/l #	1
60) Dibromochloromethane	9.275	129	10367	7.607	ug/l #	11
64) Tetrachloroethene	9.275	164	10305	8.518	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	47875	22.088	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47875	63.327	ug/l #	5

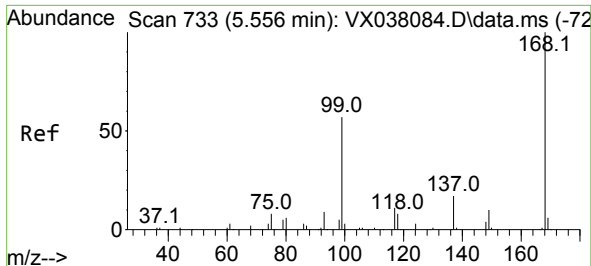
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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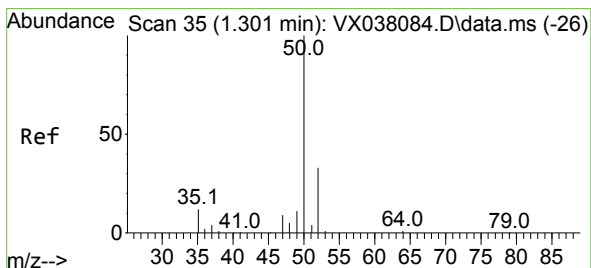
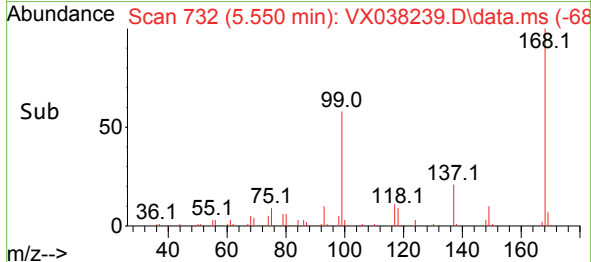
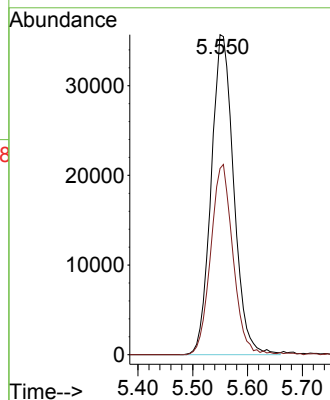
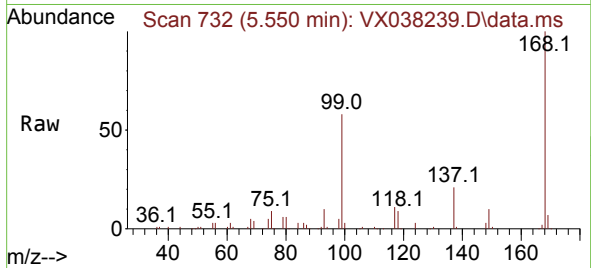




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

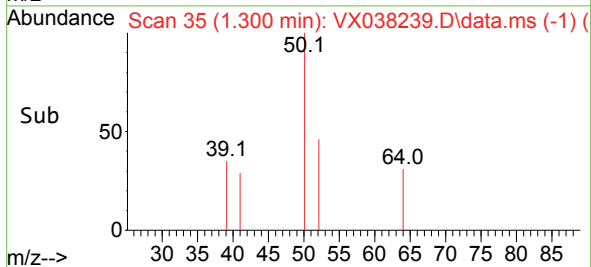
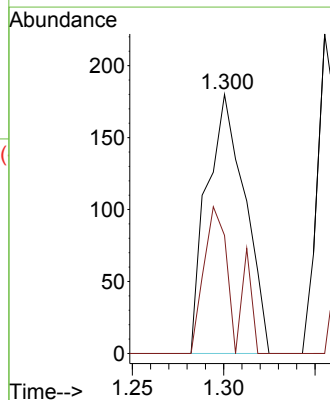
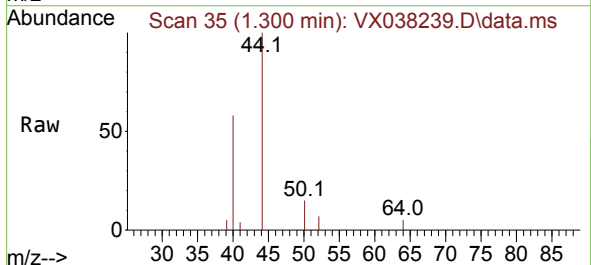
Instrument :
MSVOA_X
ClientSampleId :

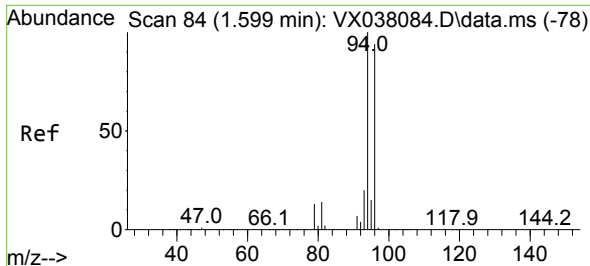
Tgt Ion:168 Resp: 101899
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 45.6 25.5 38.3#

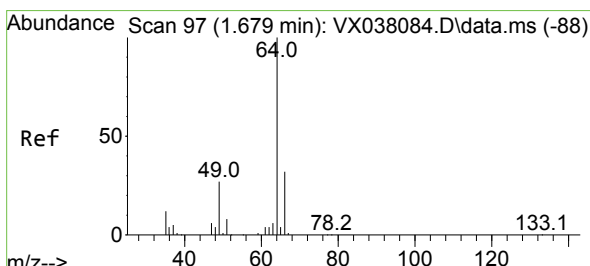
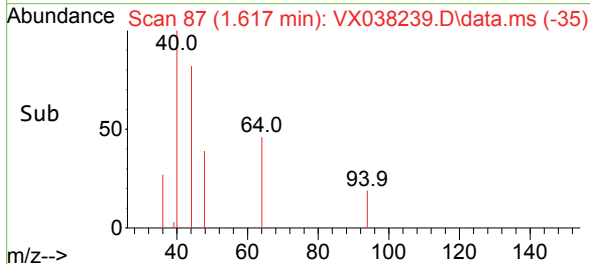
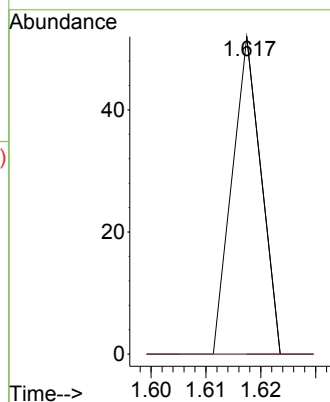
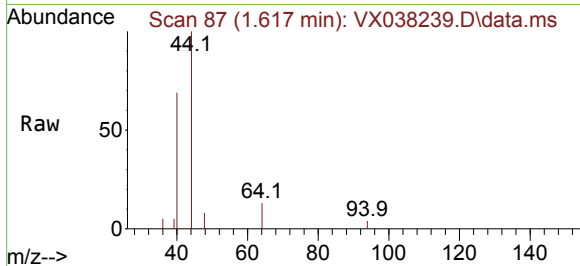




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

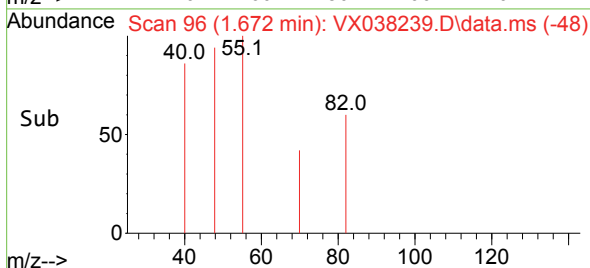
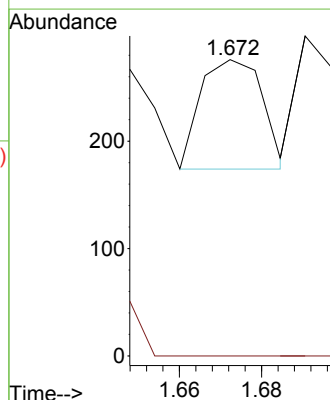
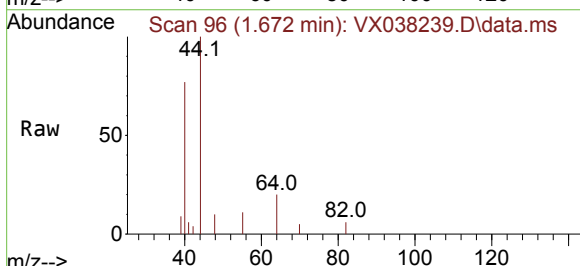
Instrument :
MSVOA_X
ClientSampleId :

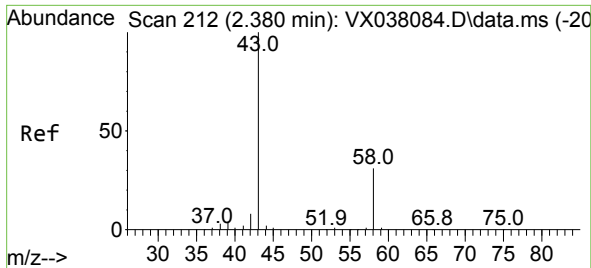
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

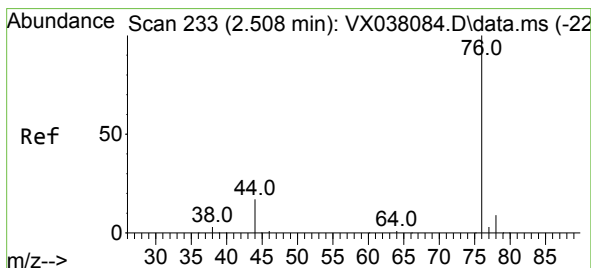
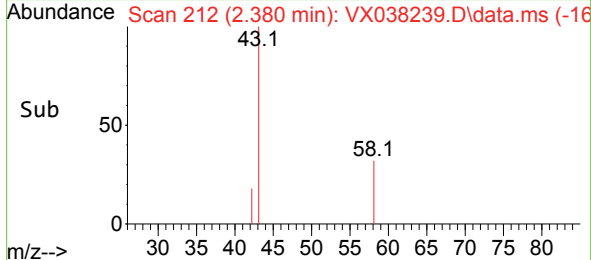
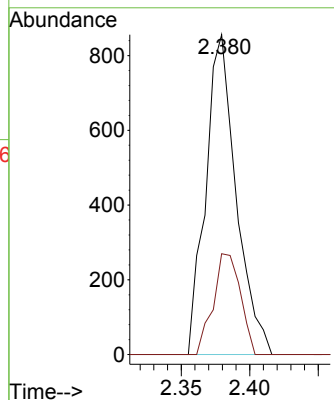
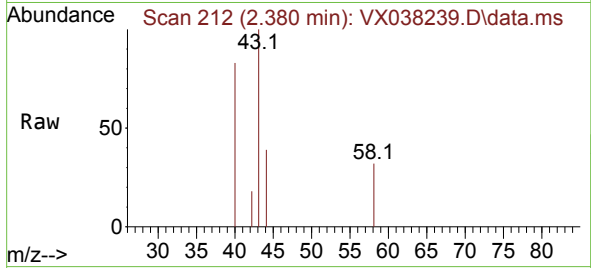




#16
Acetone
Concen: 1.931 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

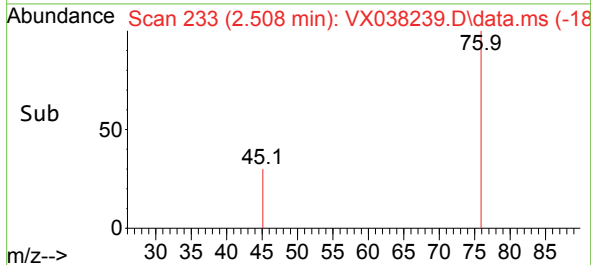
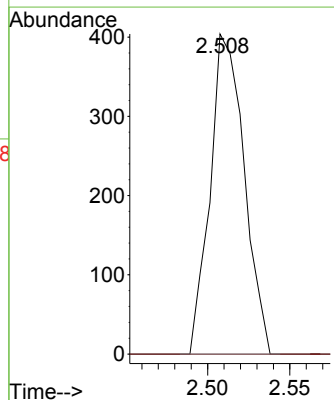
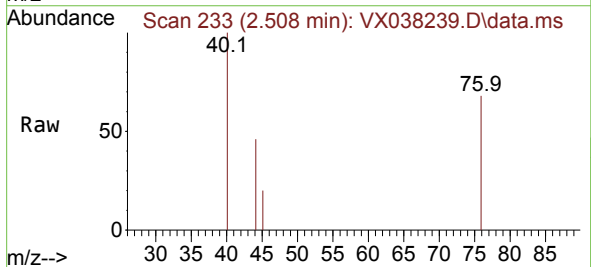
Instrument :
MSVOA_X
ClientSampleId :

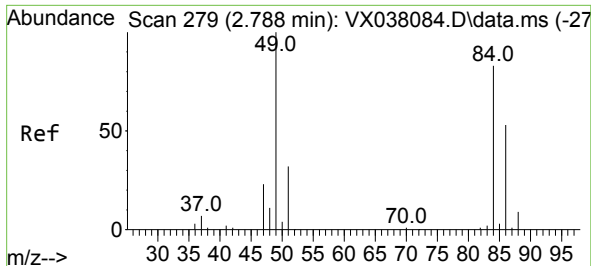
Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

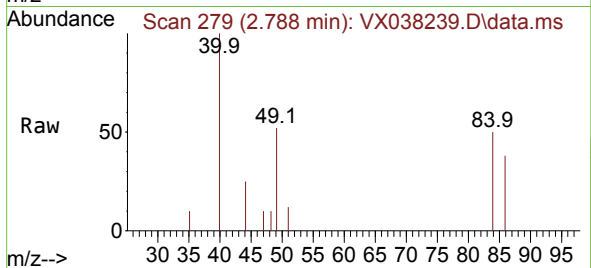
Tgt Ion: 76 Resp: 582
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



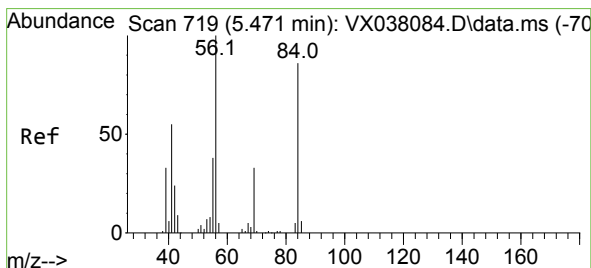
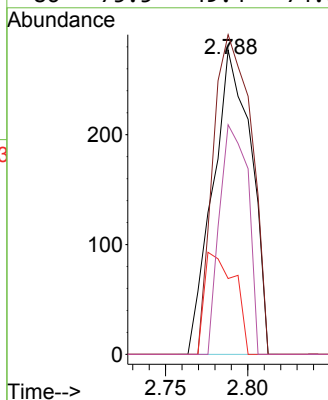
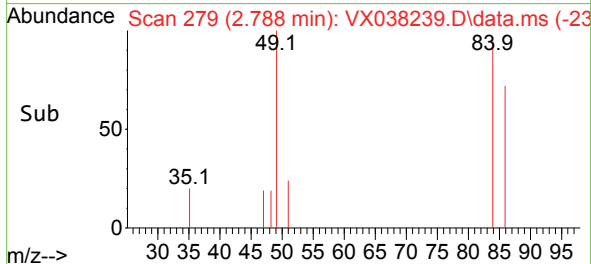


#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

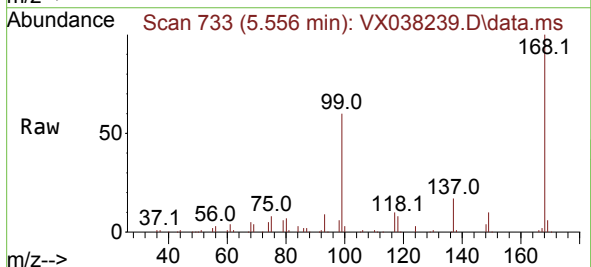
Instrument :
MSVOA_X
ClientSampleId :



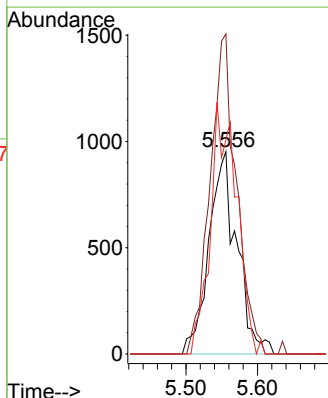
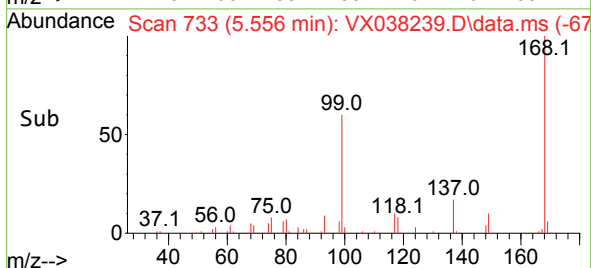
Tgt Ion: 84	Resp: 449
Ion Ratio	Lower Upper
84 100	
49 105.1	103.6 155.4
51 24.9	33.8 50.6#
86 75.5	49.4 74.0#

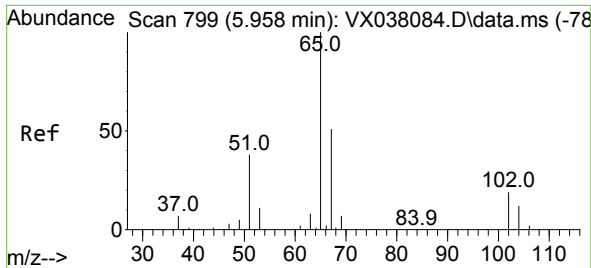


#31
Cyclohexane
Concen: 1.460 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01



Tgt Ion: 56	Resp: 2593
Ion Ratio	Lower Upper
56 100	
69 158.2	23.4 35.2#
84 105.8	65.9 98.9#

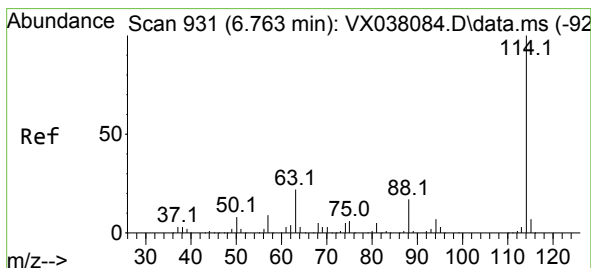
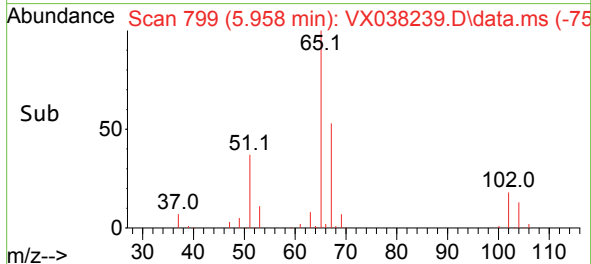
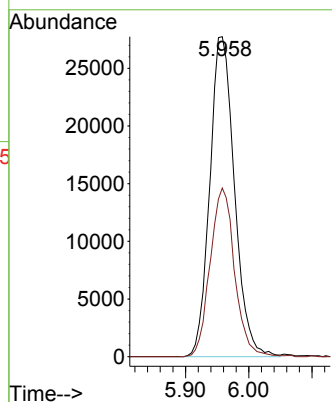
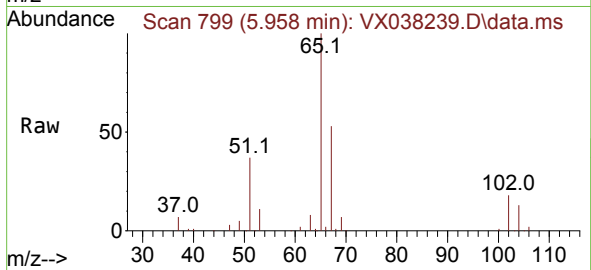




#33
 1,2-Dichloroethane-d4
 Concen: 45.890 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038239.D
 Acq: 11 Oct 2023 19:01

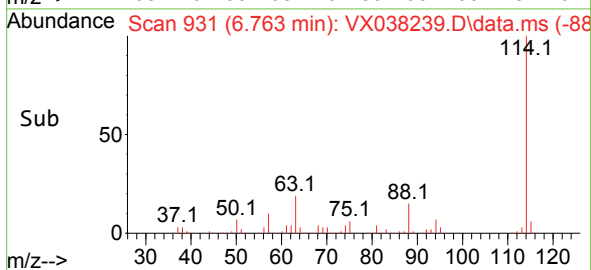
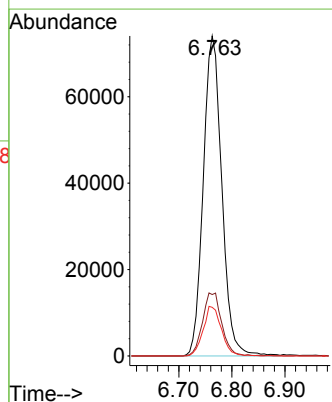
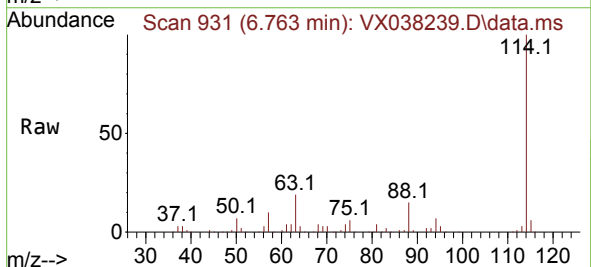
Instrument :
 MSVOA_X
 ClientSampleId :

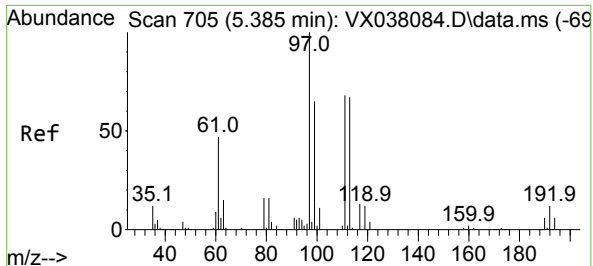
Tgt Ion: 65 Resp: 75213
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038239.D
 Acq: 11 Oct 2023 19:01

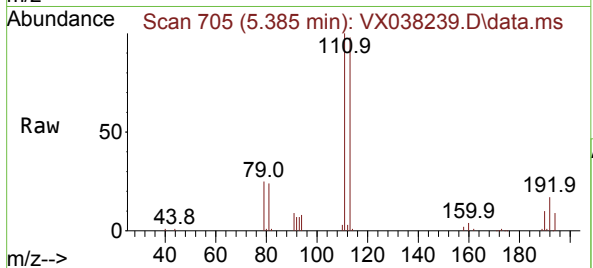
Tgt Ion: 114 Resp: 179832
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 15.2 0.0 36.6



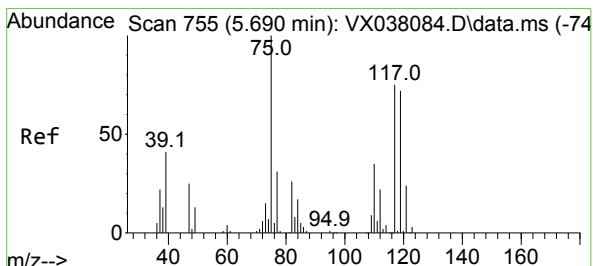
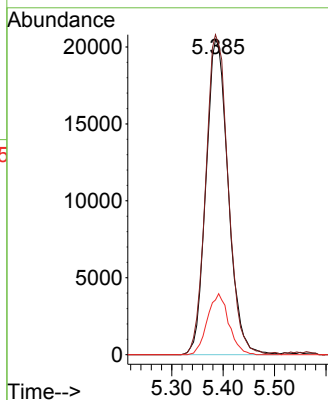
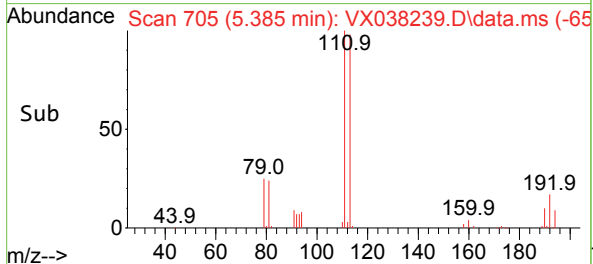


#35
Dibromofluoromethane
Concen: 47.430 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

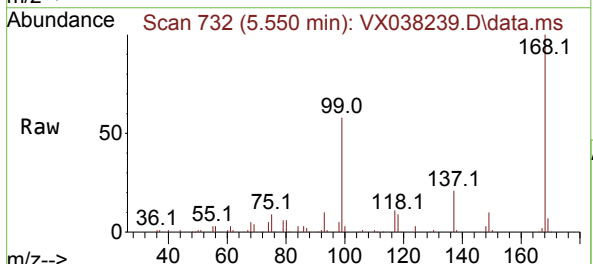
Instrument :
MSVOA_X
ClientSampleId :



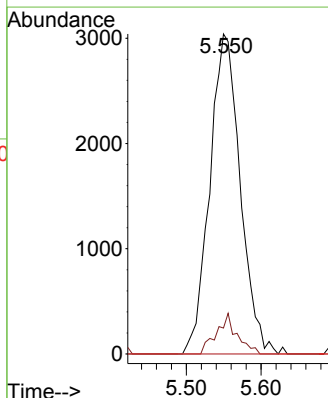
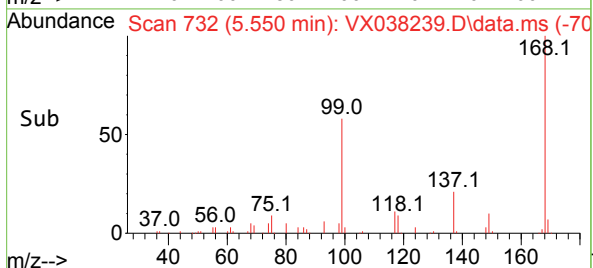
Tgt Ion:113 Resp: 61460
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.6 13.3 19.9

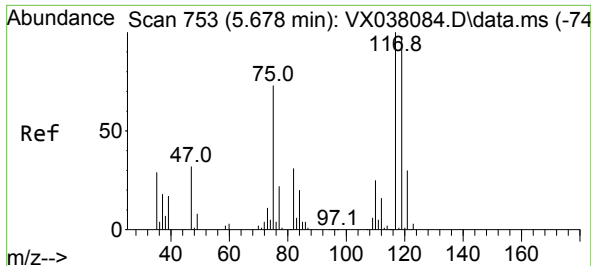


#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01



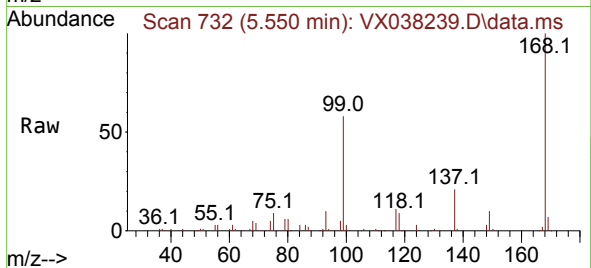
Tgt Ion: 75 Resp: 8616
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



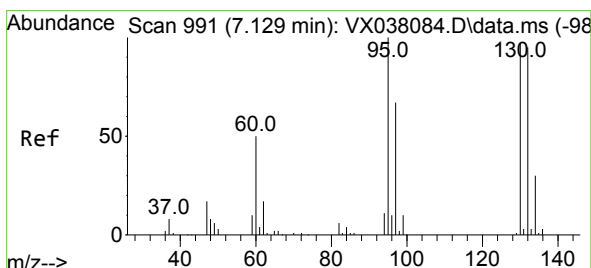
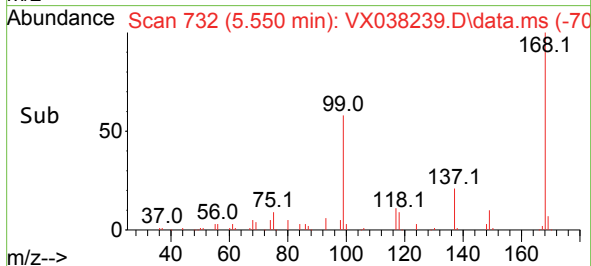
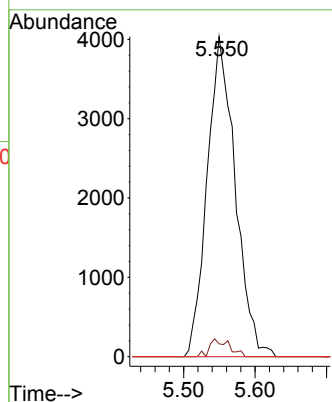


#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Instrument :
MSVOA_X
ClientSampleId :

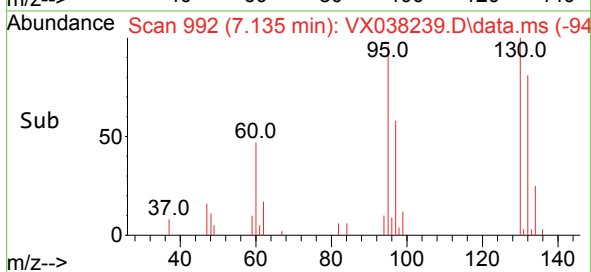
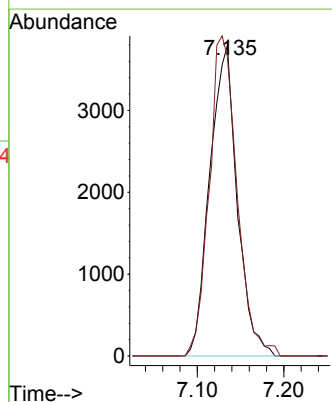
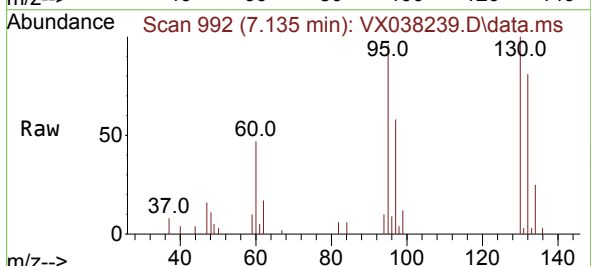


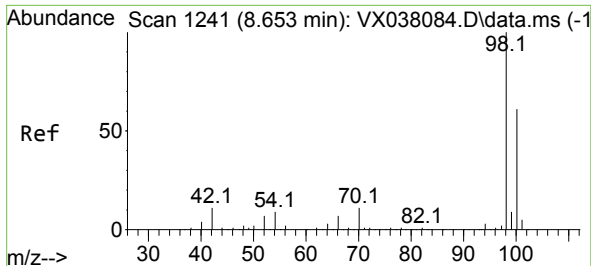
Tgt Ion:117 Resp: 11010
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 6.394 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion:130 Resp: 8358
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.4

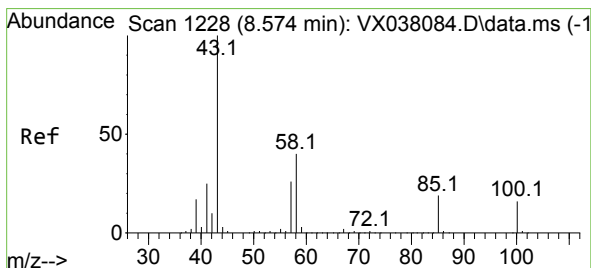
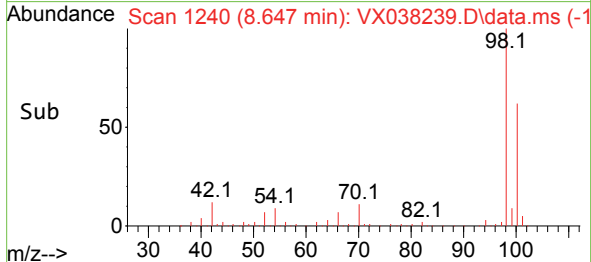
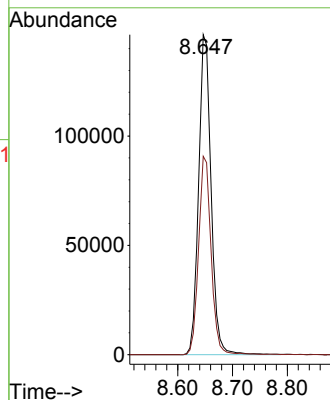
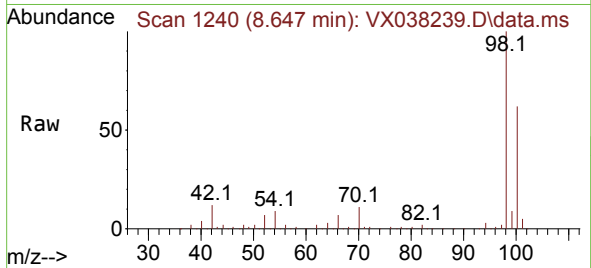




#50
Toluene-d8
Concen: 46.854 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

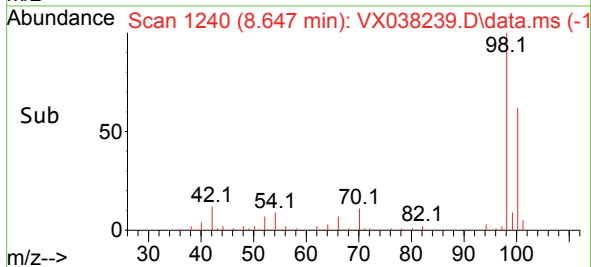
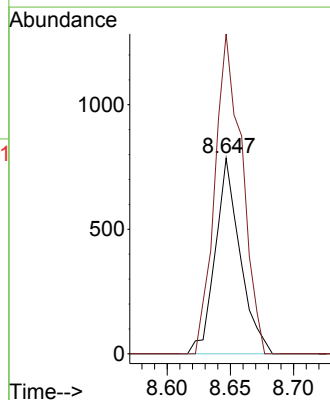
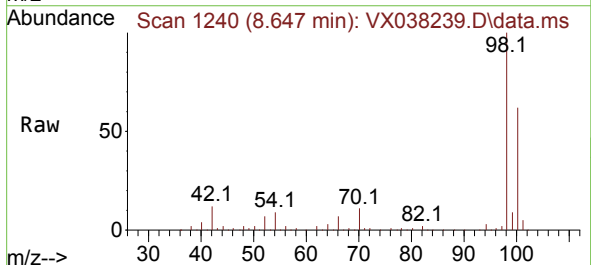
Instrument :
MSVOA_X
ClientSampleId :

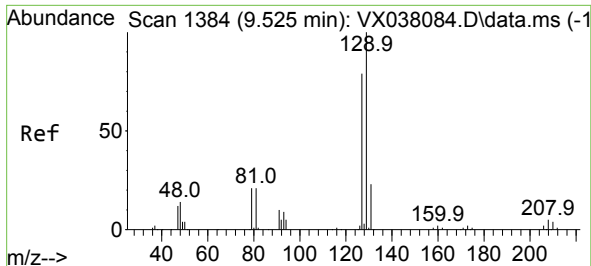
Tgt Ion: 98 Resp: 232003
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 178.8 30.4 45.6#

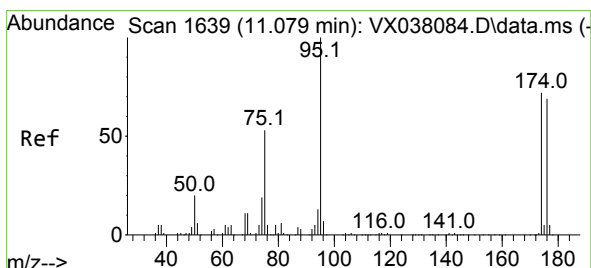
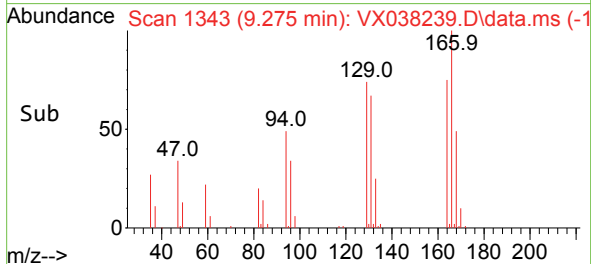
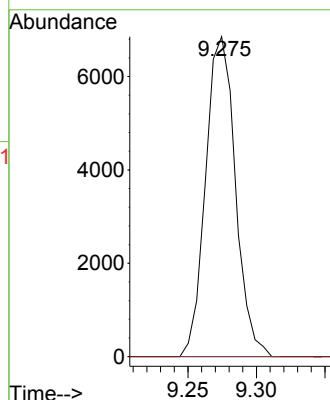
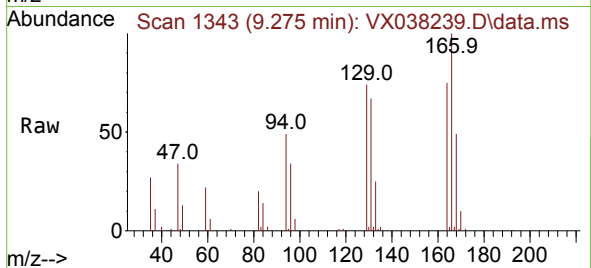




#60
Dibromochloromethane
Concen: 7.607 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

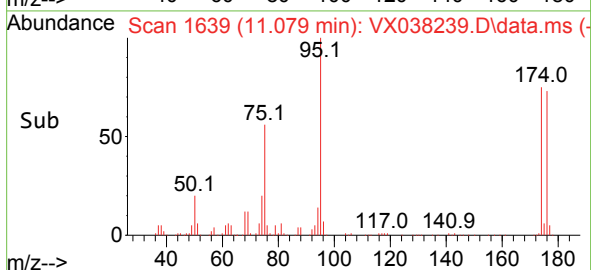
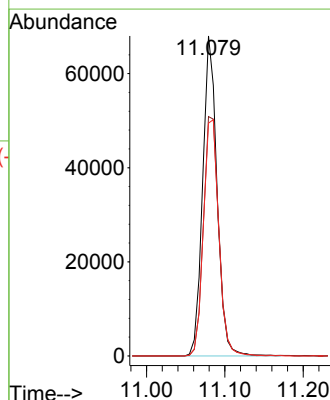
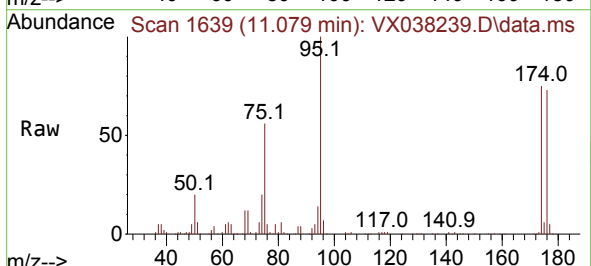
Instrument :
MSVOA_X
ClientSampleId :

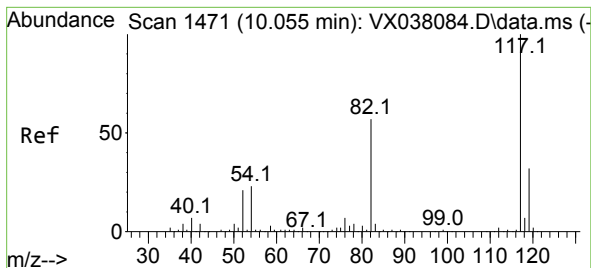
Tgt Ion:129 Resp: 10367
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion: 95 Resp: 86499
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 79.2 0.0 131.0

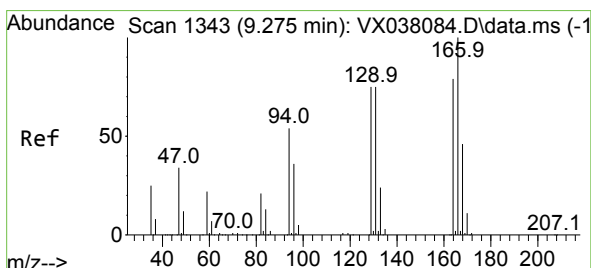
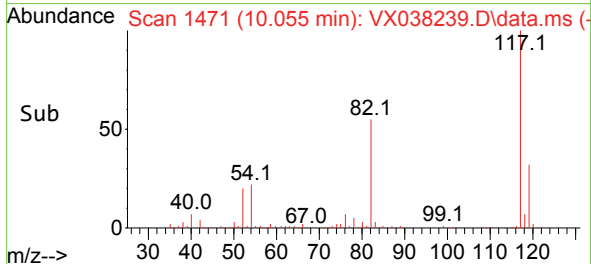
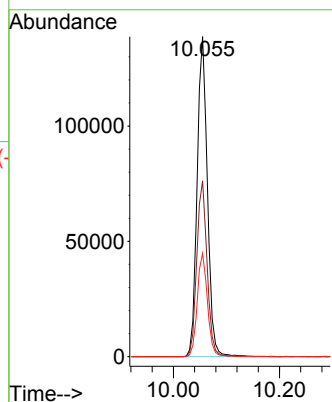
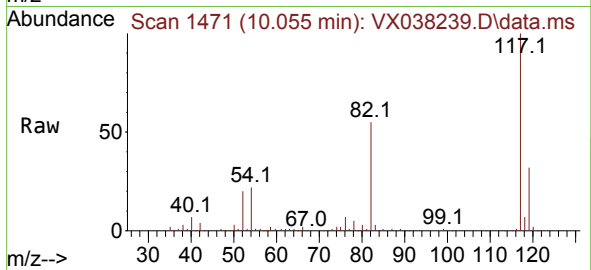




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

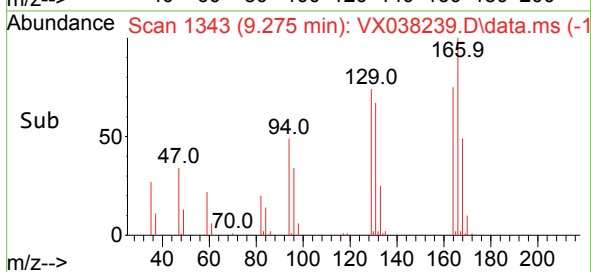
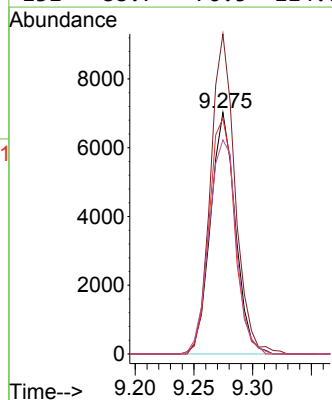
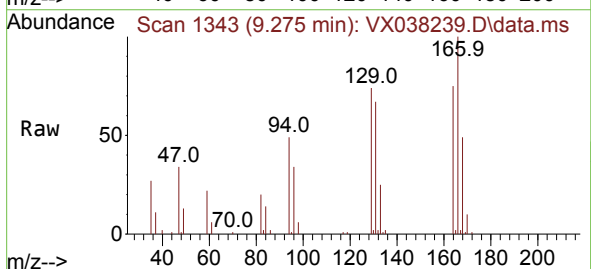
Instrument :
MSVOA_X
ClientSampleId :

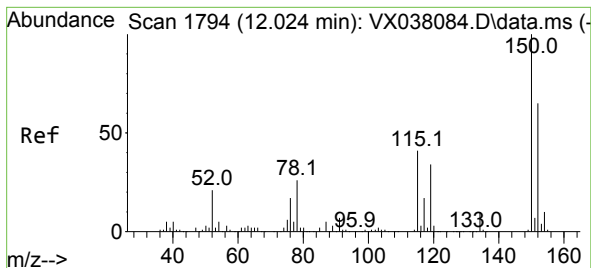
Tgt Ion:117 Resp: 186869
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 8.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Tgt Ion:164 Resp: 10305
Ion Ratio Lower Upper
164 100
166 132.6 102.7 154.1
129 97.6 80.4 120.6
131 88.7 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: VX038239.D

Acq: 11 Oct 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

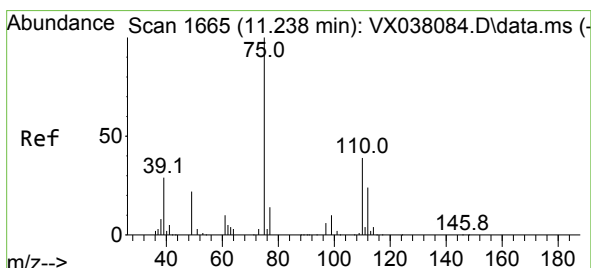
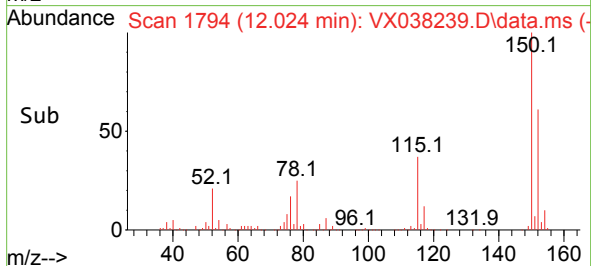
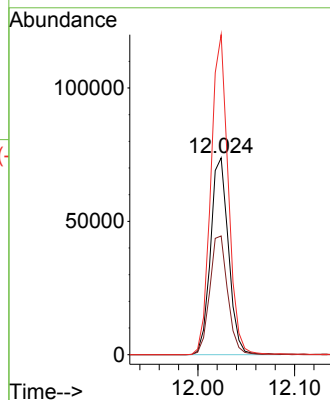
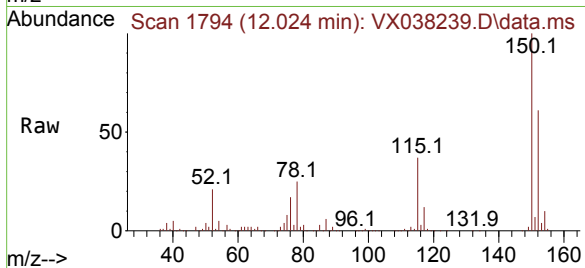
Tgt Ion:152 Resp: 95341

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.088 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038239.D

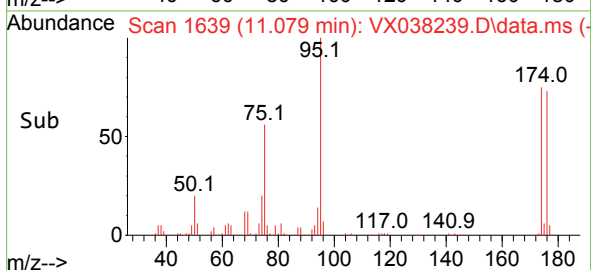
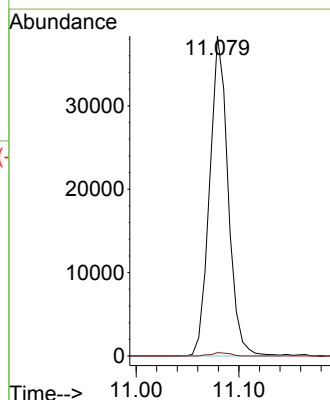
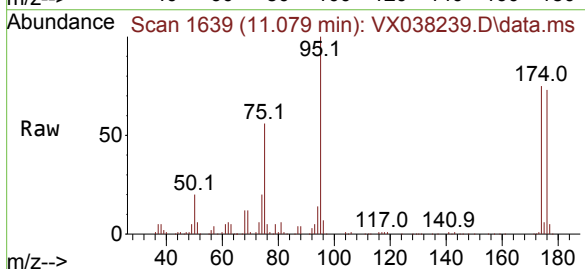
Acq: 11 Oct 2023 19:01

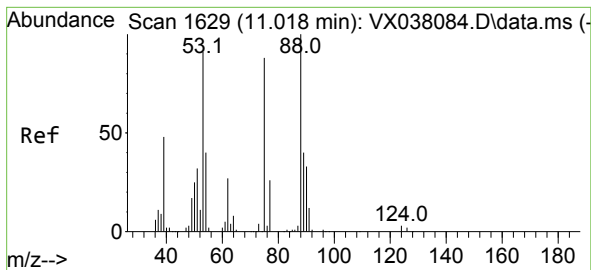
Tgt Ion: 75 Resp: 47875

Ion Ratio Lower Upper

75 100

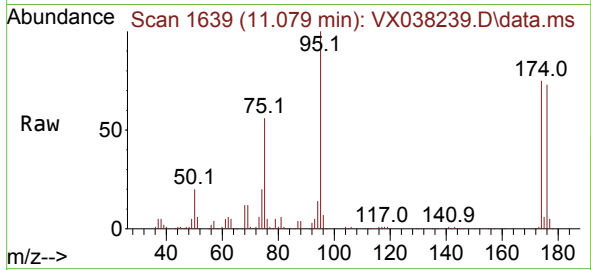
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.327 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038239.D
Acq: 11 Oct 2023 19:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 47875
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

