

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038363.D
 Acq On : 18 Oct 2023 15:25
 Operator : JC/MD
 Sample : 04940-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:41:23 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)

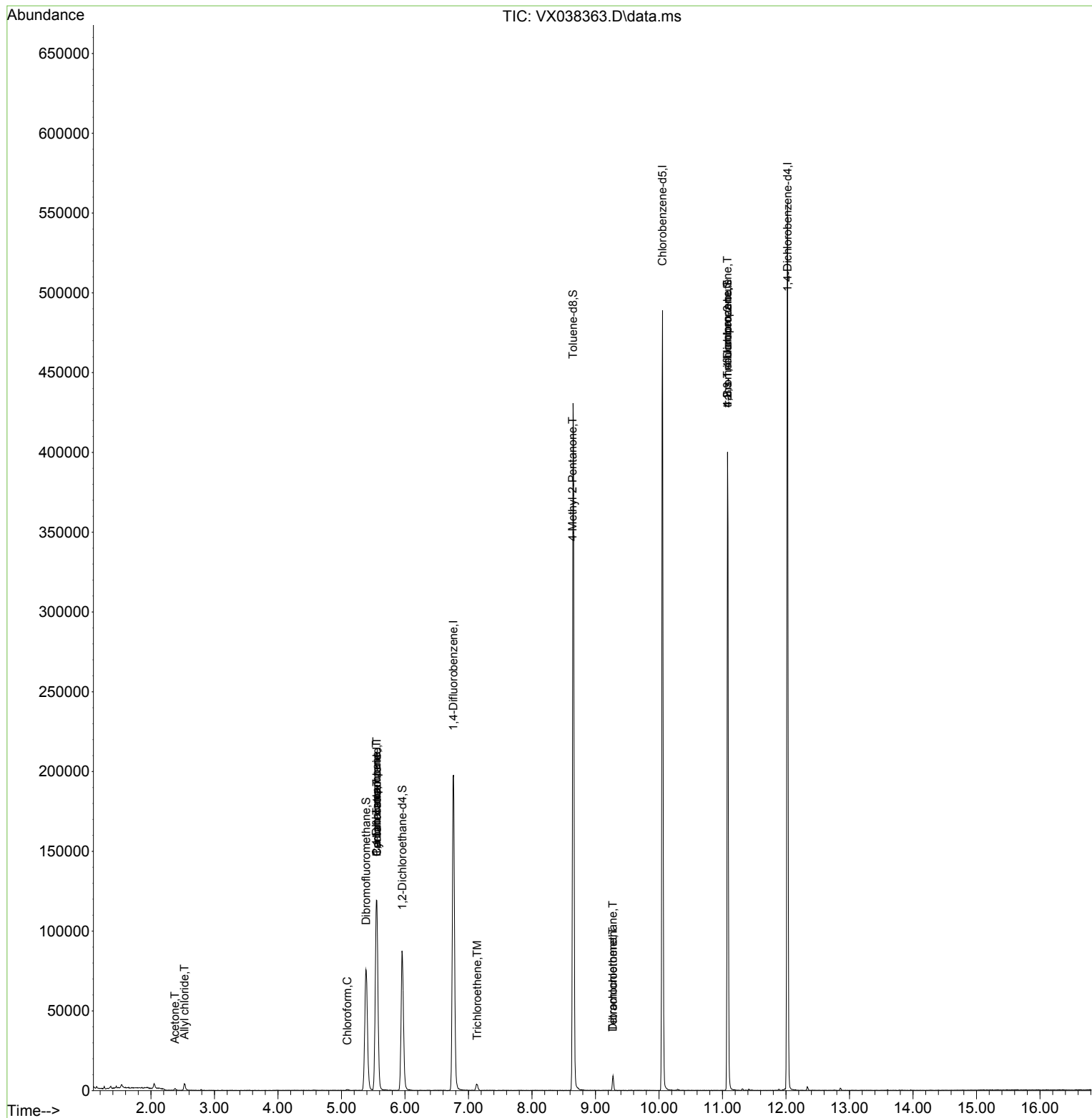
Internal Standards						
1) Pentafluorobenzene	5.556	168	115367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81750	44.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.120%
35) Dibromofluoromethane	5.385	113	66031	44.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.180%
50) Toluene-d8	8.647	98	260606	46.054	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.100%
62) 4-Bromofluorobenzene	11.079	95	99423	46.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	81	Below Cal	#	43
14) Allyl chloride	2.526	41	460	0.244	ug/l #	33
16) Acetone	2.380	43	1256	1.622	ug/l	91
30) Chloroform	5.093	83	651	0.248	ug/l	87
31) Cyclohexane	5.556	56	2877	1.431	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9608	4.705	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11437	5.693	ug/l #	15
44) Trichloroethene	7.135	130	1706	1.142	ug/l	66
51) 4-Methyl-2-Pentanone	8.641	43	1199	0.480	ug/l #	1
60) Dibromochloromethane	9.275	129	1453	0.933	ug/l #	11
64) Tetrachloroethene	9.275	164	1468	1.077	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	55369	20.939	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55369	60.243	ug/l #	5

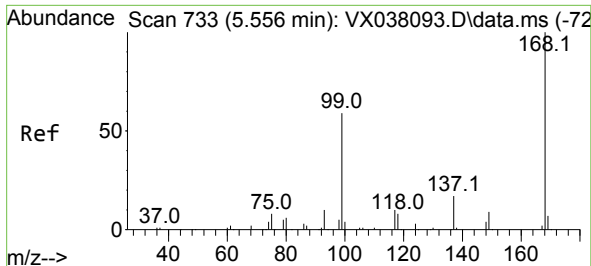
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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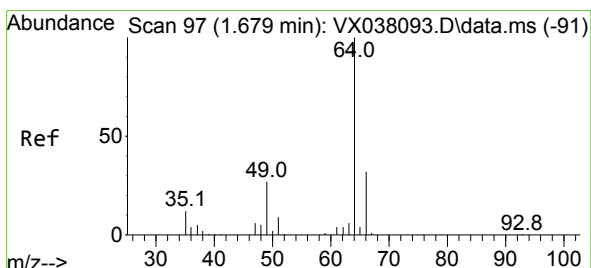
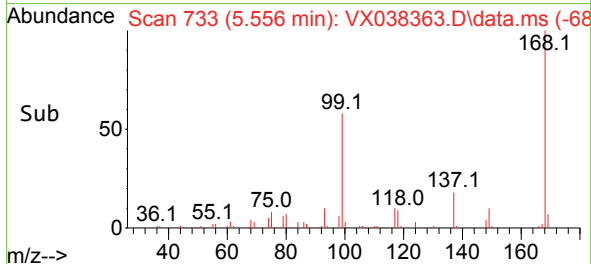
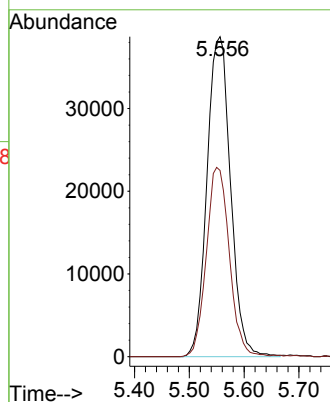
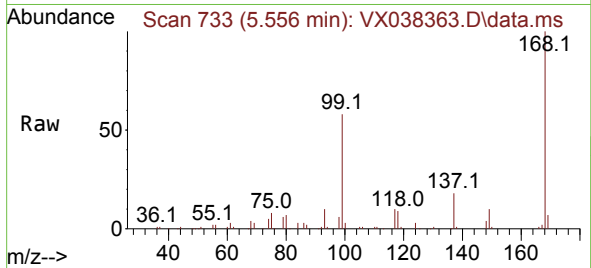




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

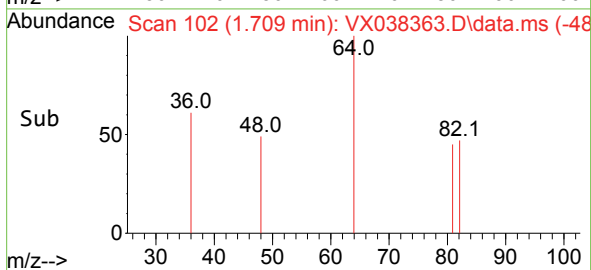
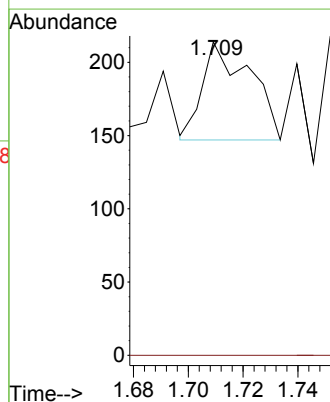
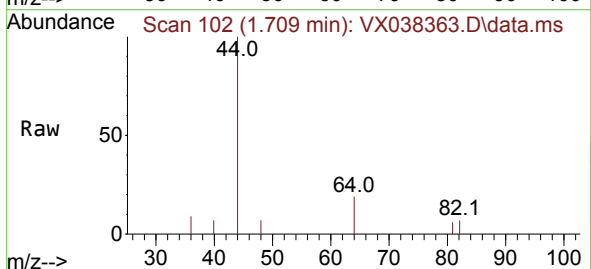
Instrument :
MSVOA_X
ClientSampleId :

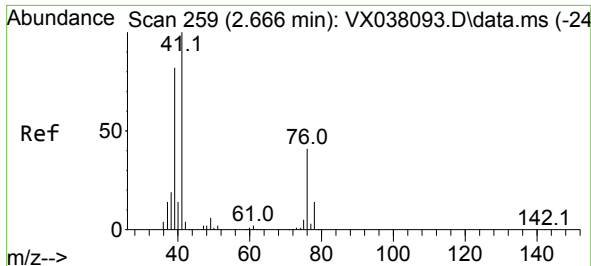
Tgt Ion:168 Resp: 115367
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

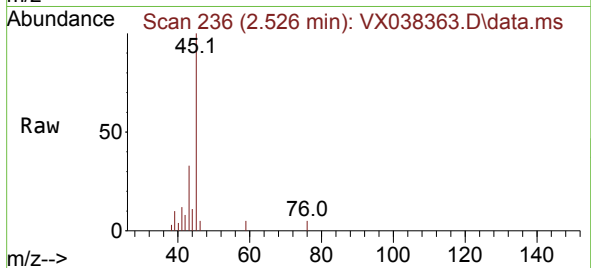
Tgt Ion: 64 Resp: 81
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



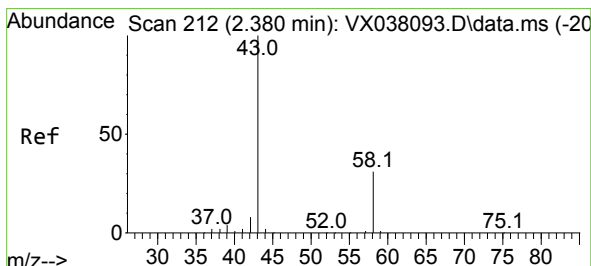
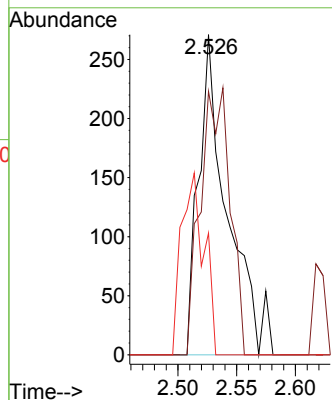
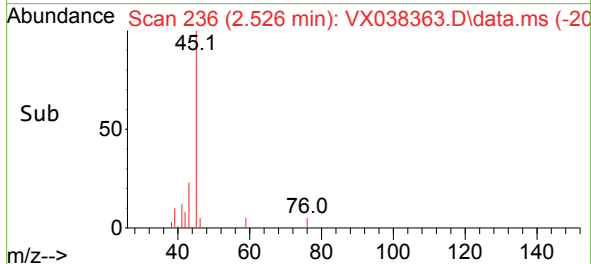


#14
 Allyl chloride
 Concen: 0.244 ug/l
 RT: 2.526 min Scan# 214
 Delta R.T. -0.134 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

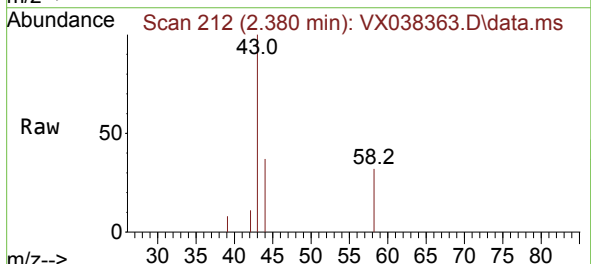
Instrument :
 MSVOA_X
 ClientSampleId :



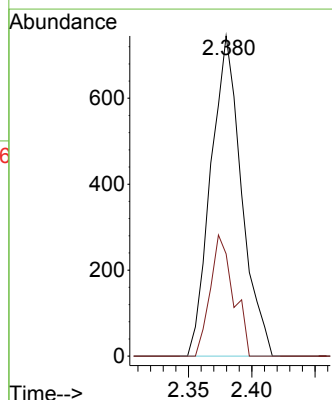
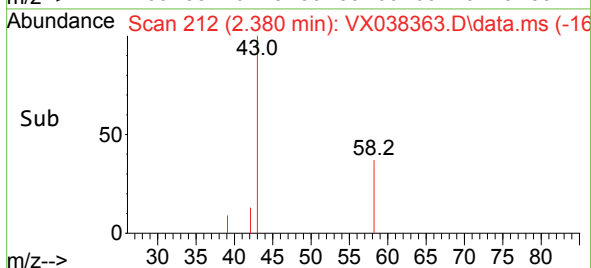
Tgt Ion: 41 Resp: 460
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 44.8 24.3 36.5#

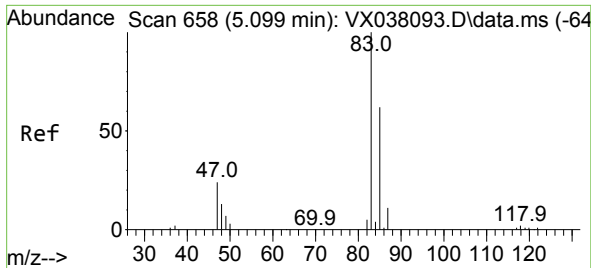


#16
 Acetone
 Concen: 1.622 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25



Tgt Ion: 43 Resp: 1256
 Ion Ratio Lower Upper
 43 100
 58 31.9 21.9 32.9

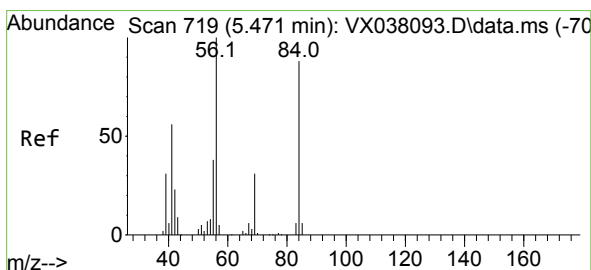
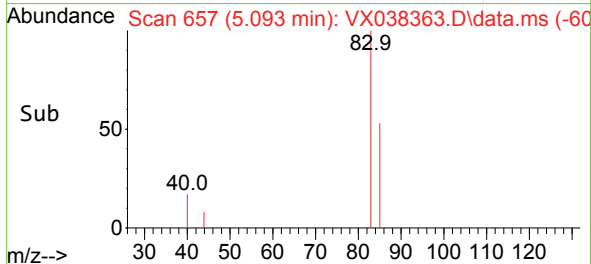
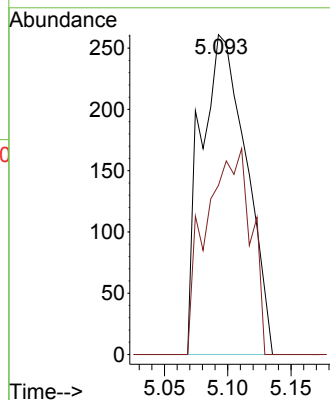
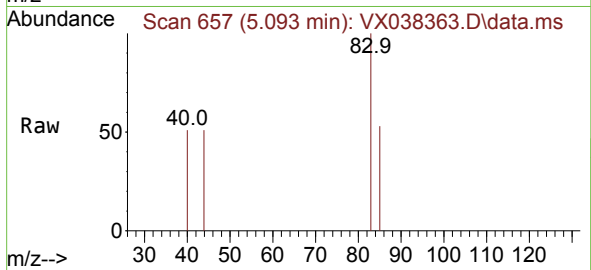




#30
Chloroform
Concen: 0.248 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

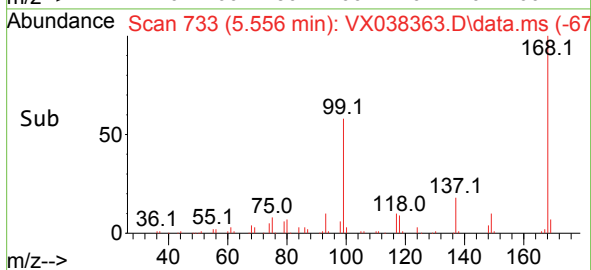
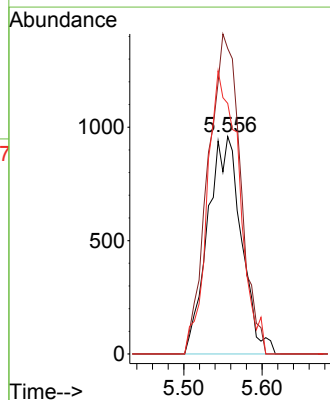
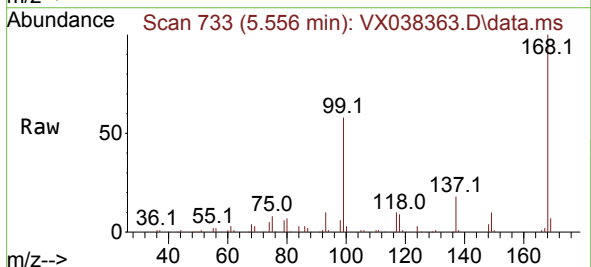
Instrument :
MSVOA_X
ClientSampleId :

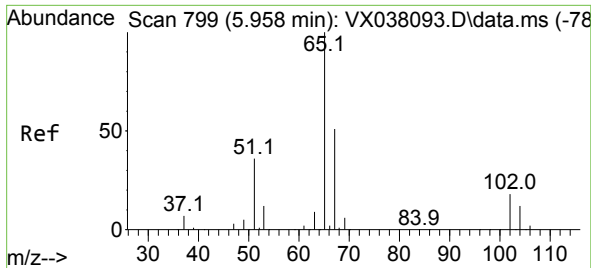
Tgt Ion: 83 Resp: 651
Ion Ratio Lower Upper
83 100
85 52.9 50.3 75.5



#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Tgt Ion: 56 Resp: 2877
Ion Ratio Lower Upper
56 100
69 140.5 23.4 35.2#
84 115.2 65.9 98.9#

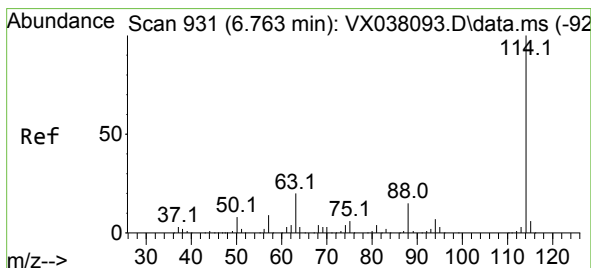
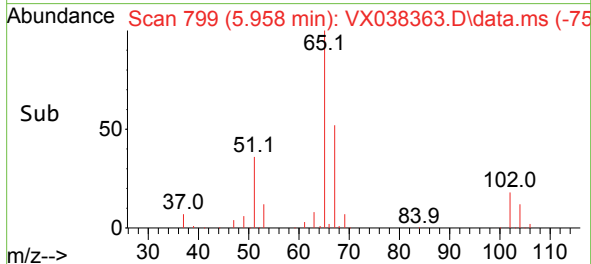
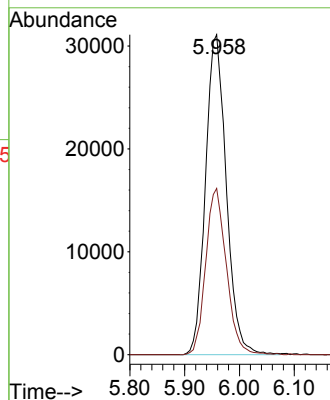
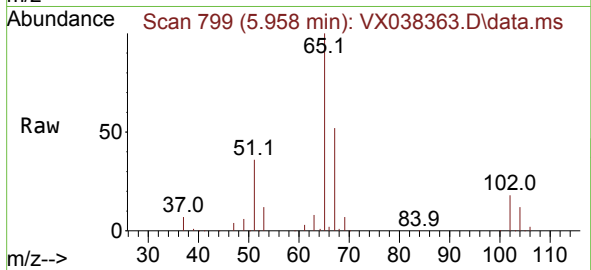




#33
1,2-Dichloroethane-d4
Concen: 44.056 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

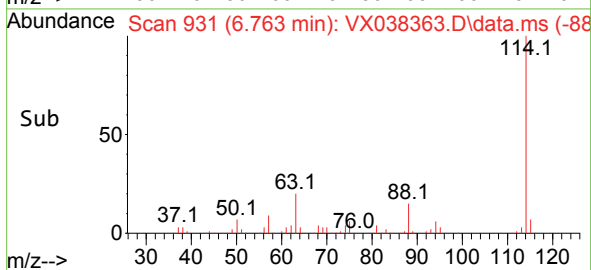
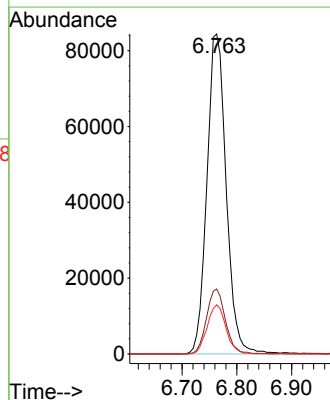
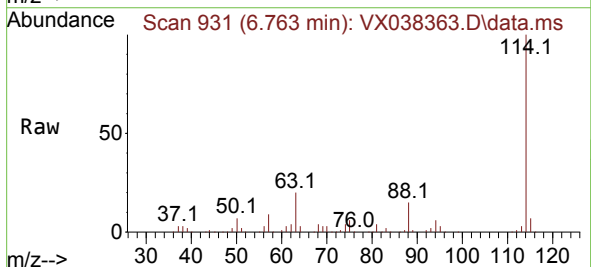
Instrument :
MSVOA_X
ClientSampleId :

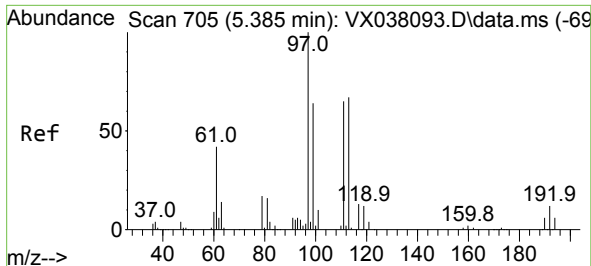
Tgt Ion: 65 Resp: 81750
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Tgt Ion:114 Resp: 205515
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.3 0.0 36.6

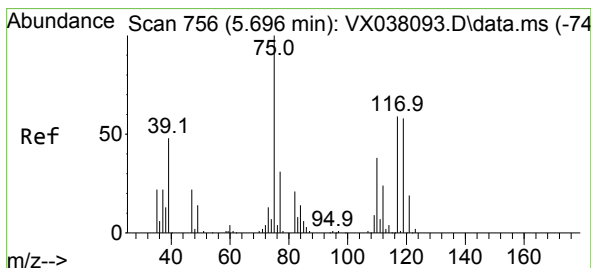
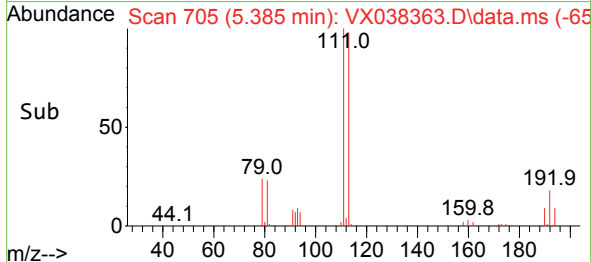
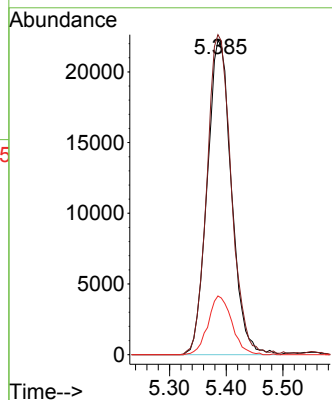
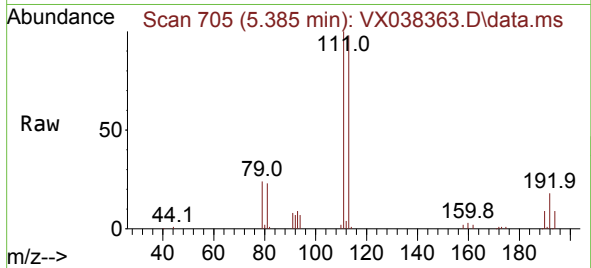




#35
Dibromofluoromethane
Concen: 44.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

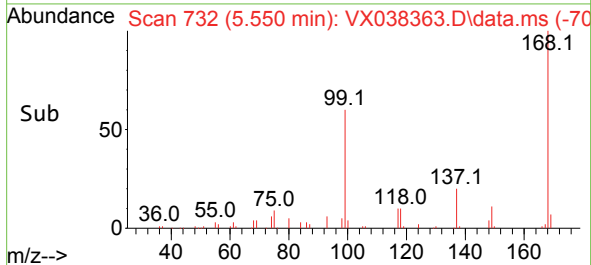
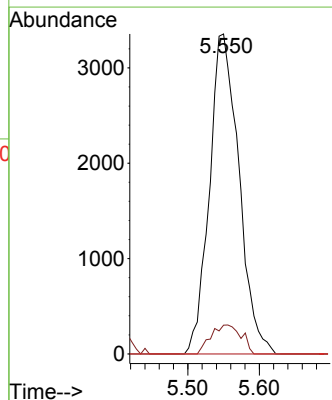
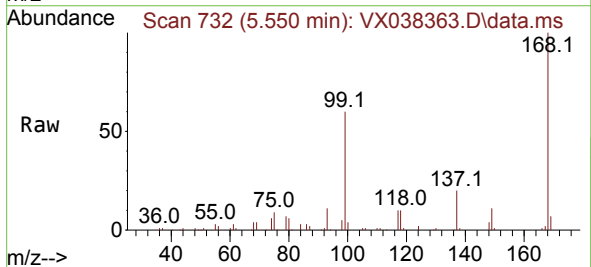
Instrument :
MSVOA_X
ClientSampleId :

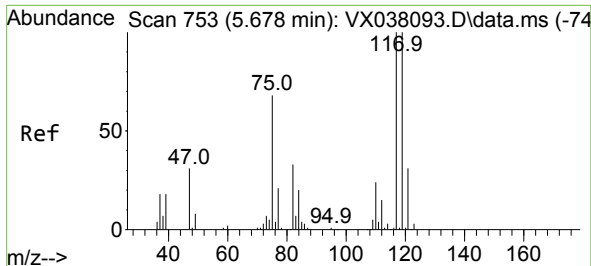
Tgt Ion:113 Resp: 66031
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

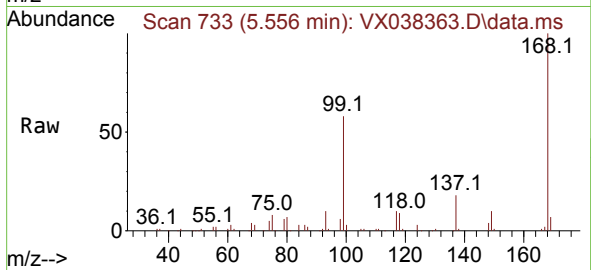
Tgt Ion: 75 Resp: 9608
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



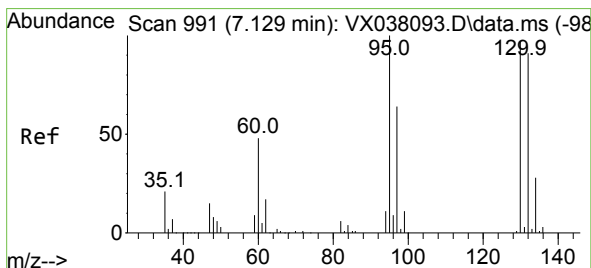
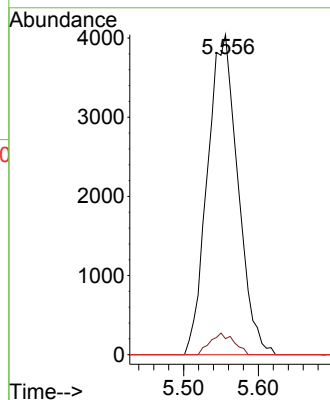
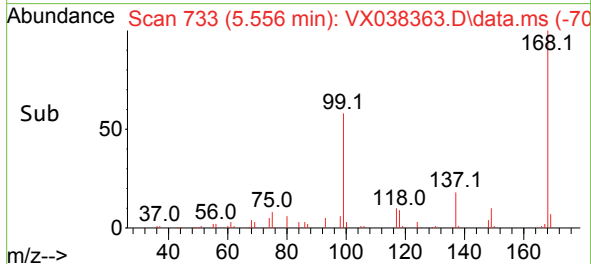


#38
Carbon Tetrachloride
Concen: 5.693 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :

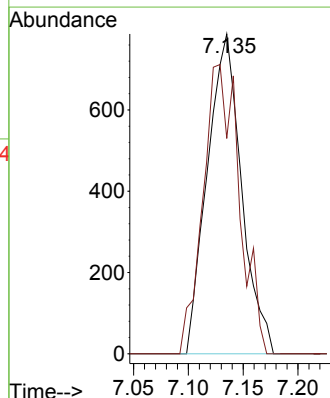
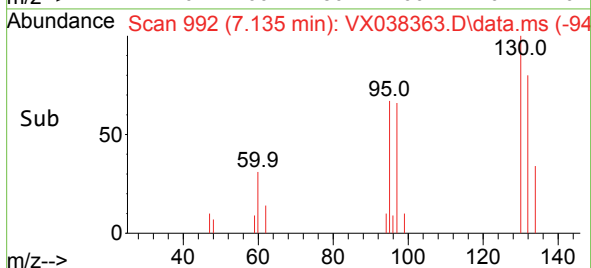
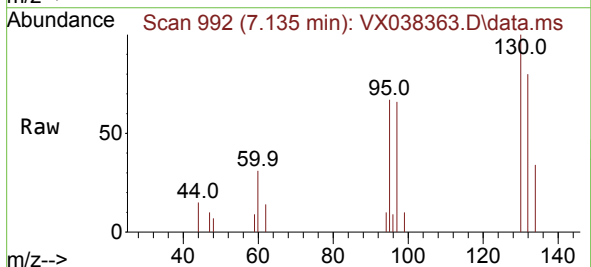


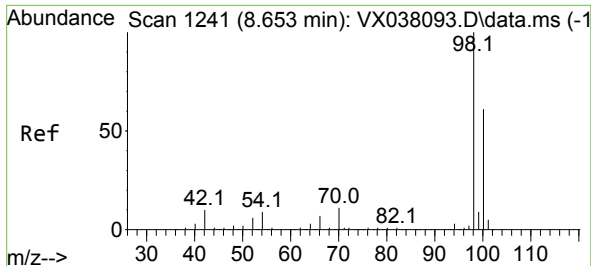
Tgt Ion:117 Resp: 11437
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.142 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Tgt Ion:130 Resp: 1706
Ion Ratio Lower Upper
130 100
95 67.3 0.0 204.4

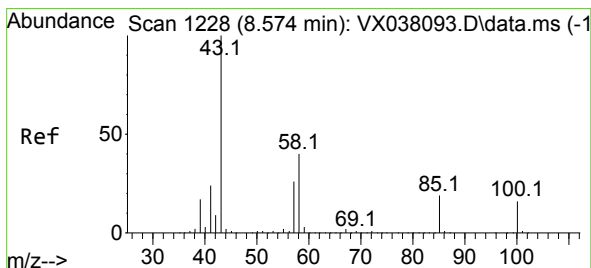
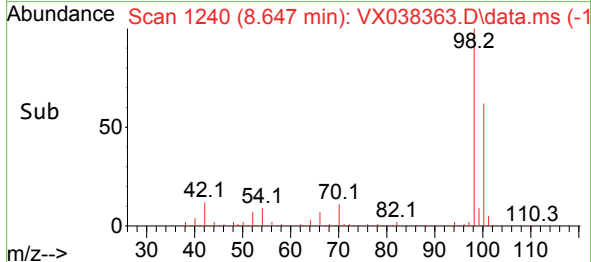
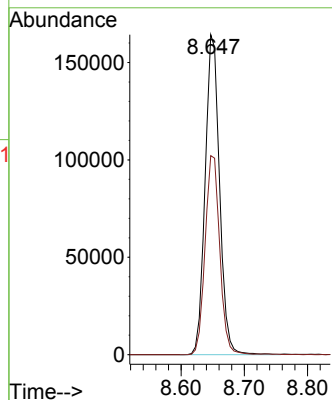
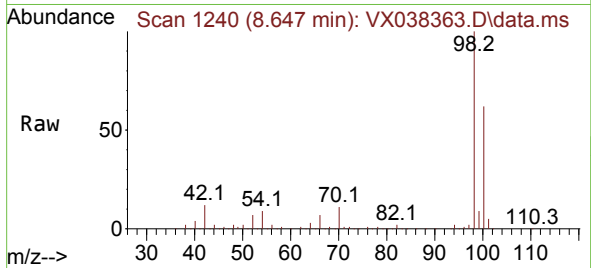




#50
Toluene-d8
Concen: 46.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

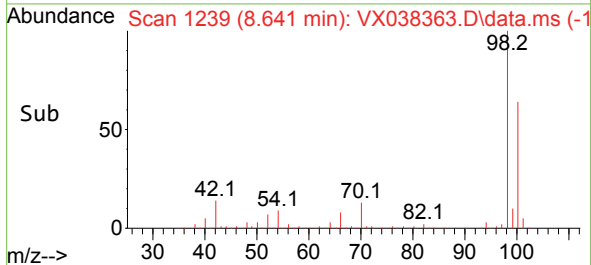
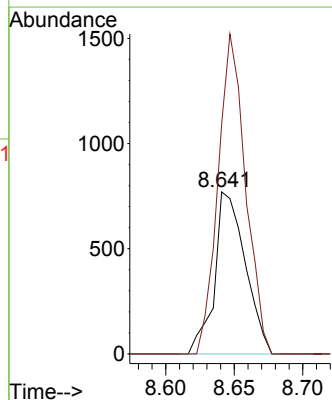
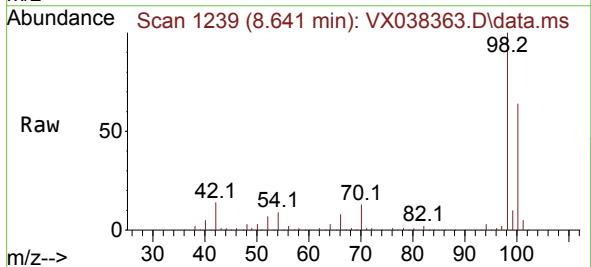
Instrument :
MSVOA_X
ClientSampleId :

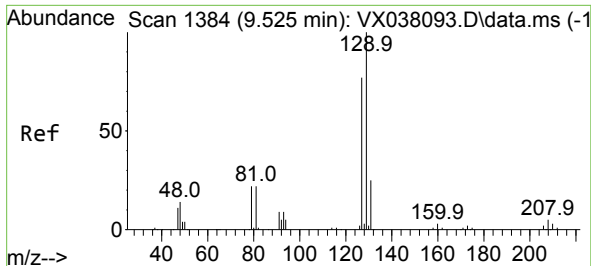
Tgt Ion: 98 Resp: 260606
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

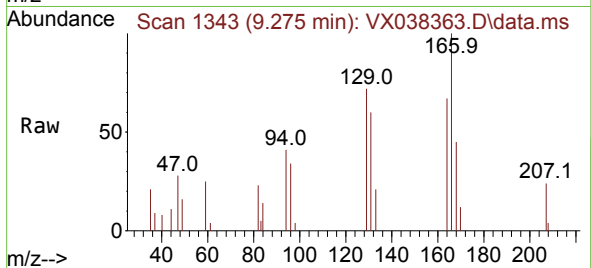
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 177.3 30.4 45.6#



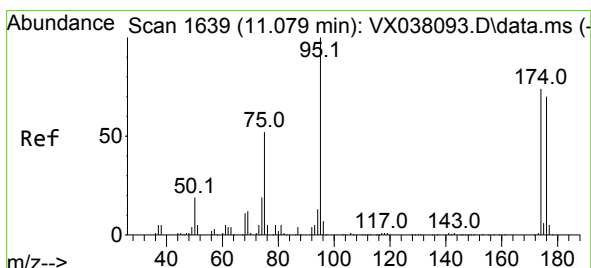
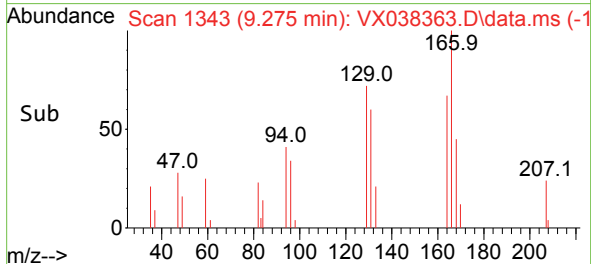
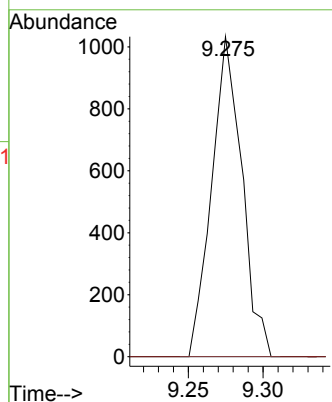


#60
 Dibromochloromethane
 Concen: 0.933 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

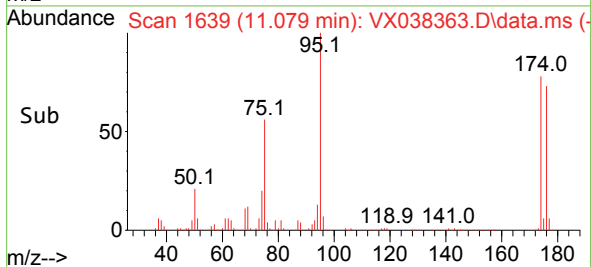
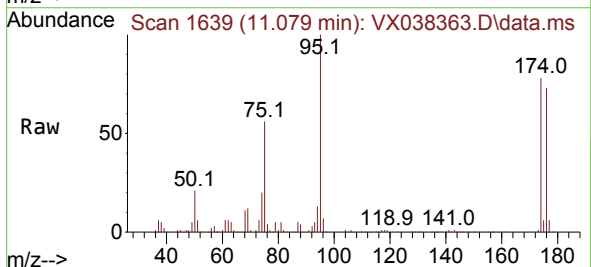
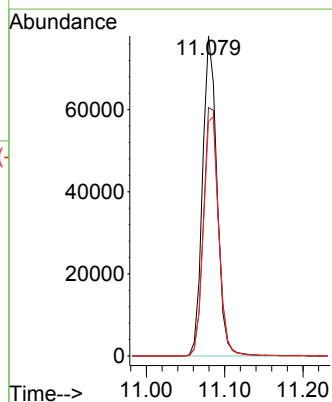


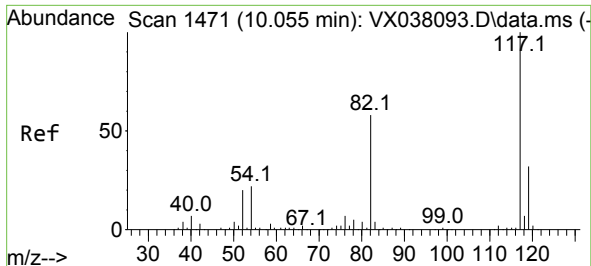
Tgt Ion:129 Resp: 1453
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 46.345 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

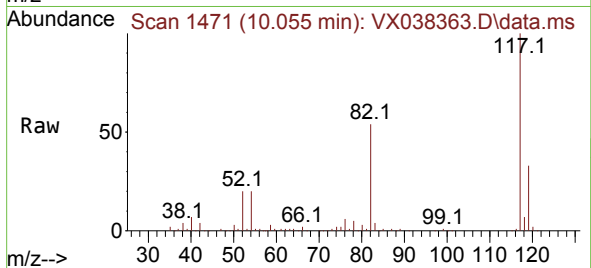
Tgt Ion: 95 Resp: 99423
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 135.6
 176 78.7 0.0 131.0



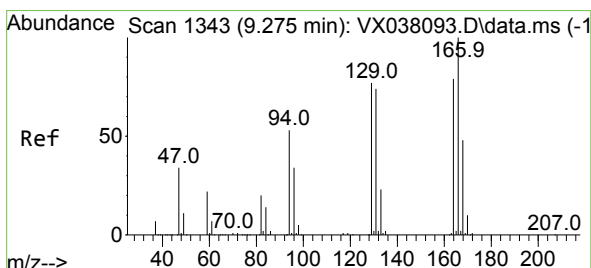
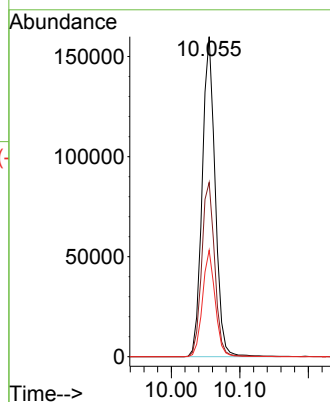
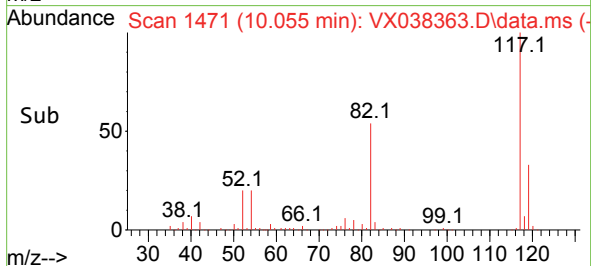


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :

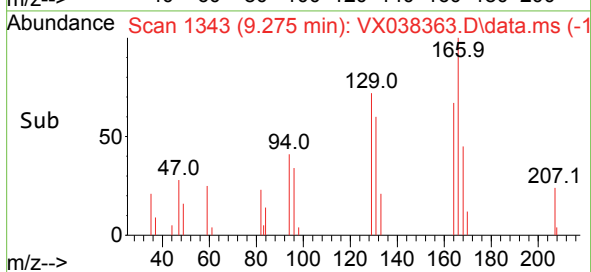
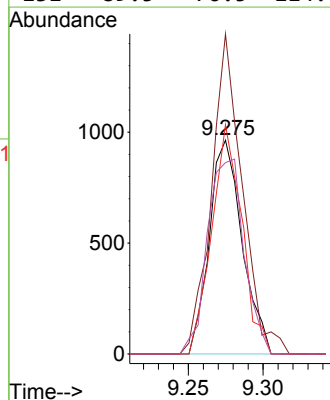
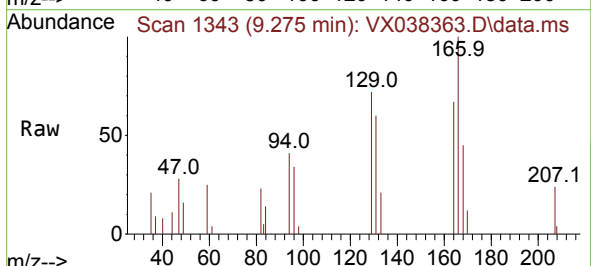


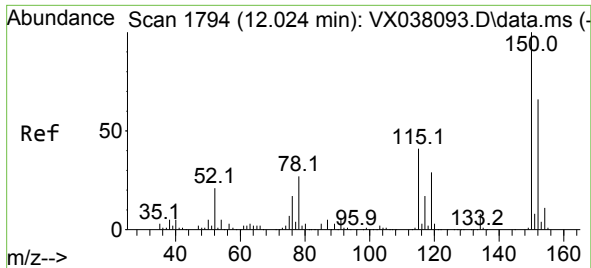
Tgt Ion:117 Resp: 210569
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.077 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038363.D
Acq: 18 Oct 2023 15:25

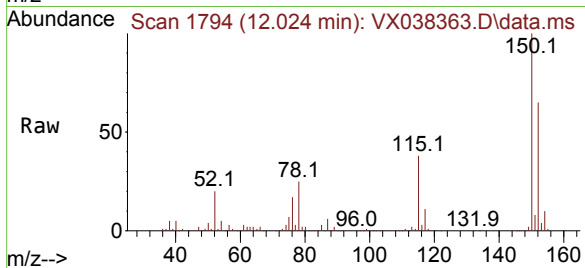
Tgt Ion:164 Resp: 1468
Ion Ratio Lower Upper
164 100
166 149.7 102.7 154.1
129 107.2 80.4 120.6
131 89.5 76.5 114.7



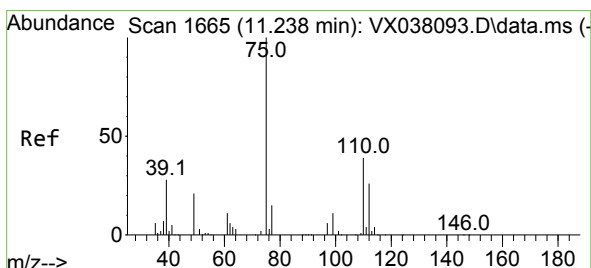
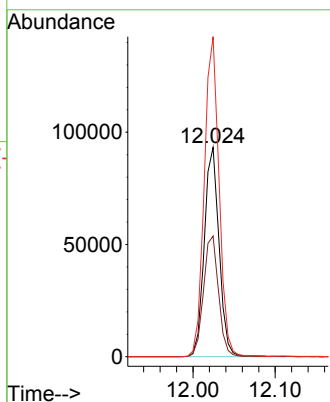
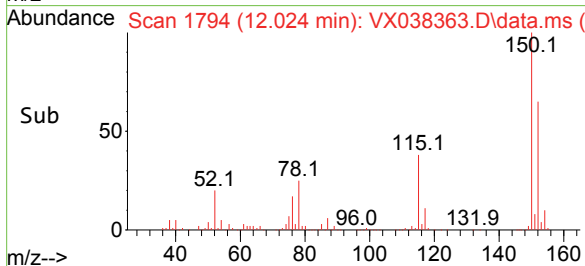


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :

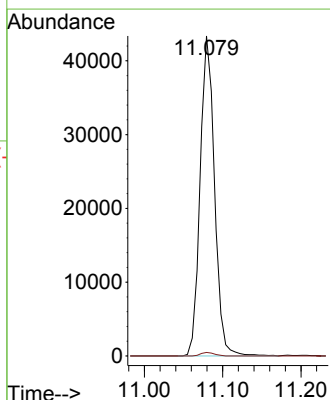
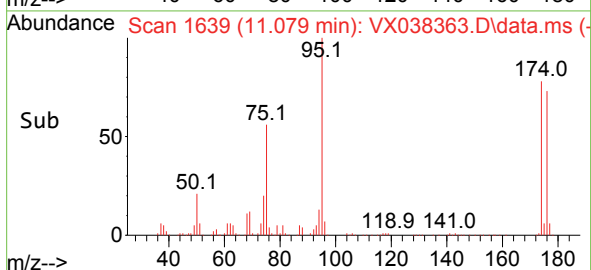
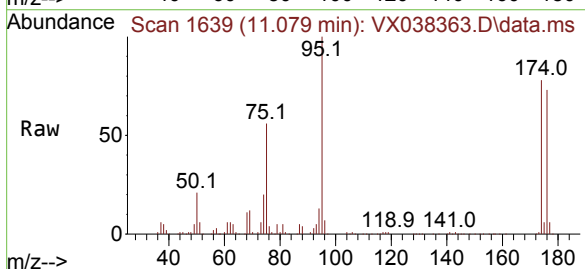


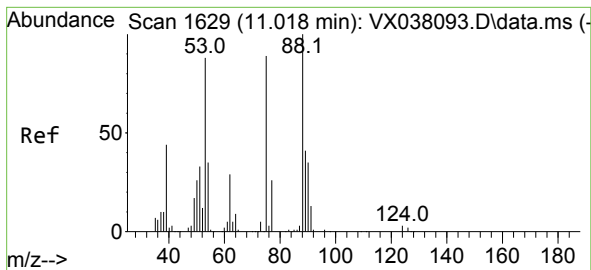
Tgt Ion:152 Resp: 116315
 Ion Ratio Lower Upper
 152 100
 115 58.8 43.3 129.9
 150 153.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.939 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

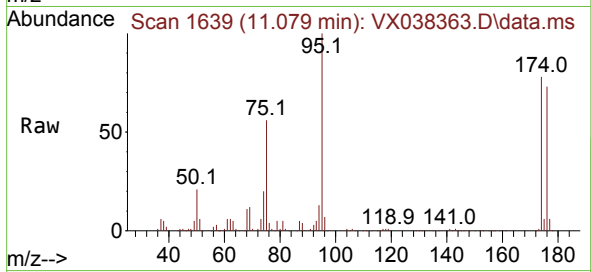
Tgt Ion: 75 Resp: 55369
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.243 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038363.D
 Acq: 18 Oct 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55369
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

