

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038319.D
 Acq On : 17 Oct 2023 11:04
 Operator : JC/MD
 Sample : VX1017WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 03:54:26 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)

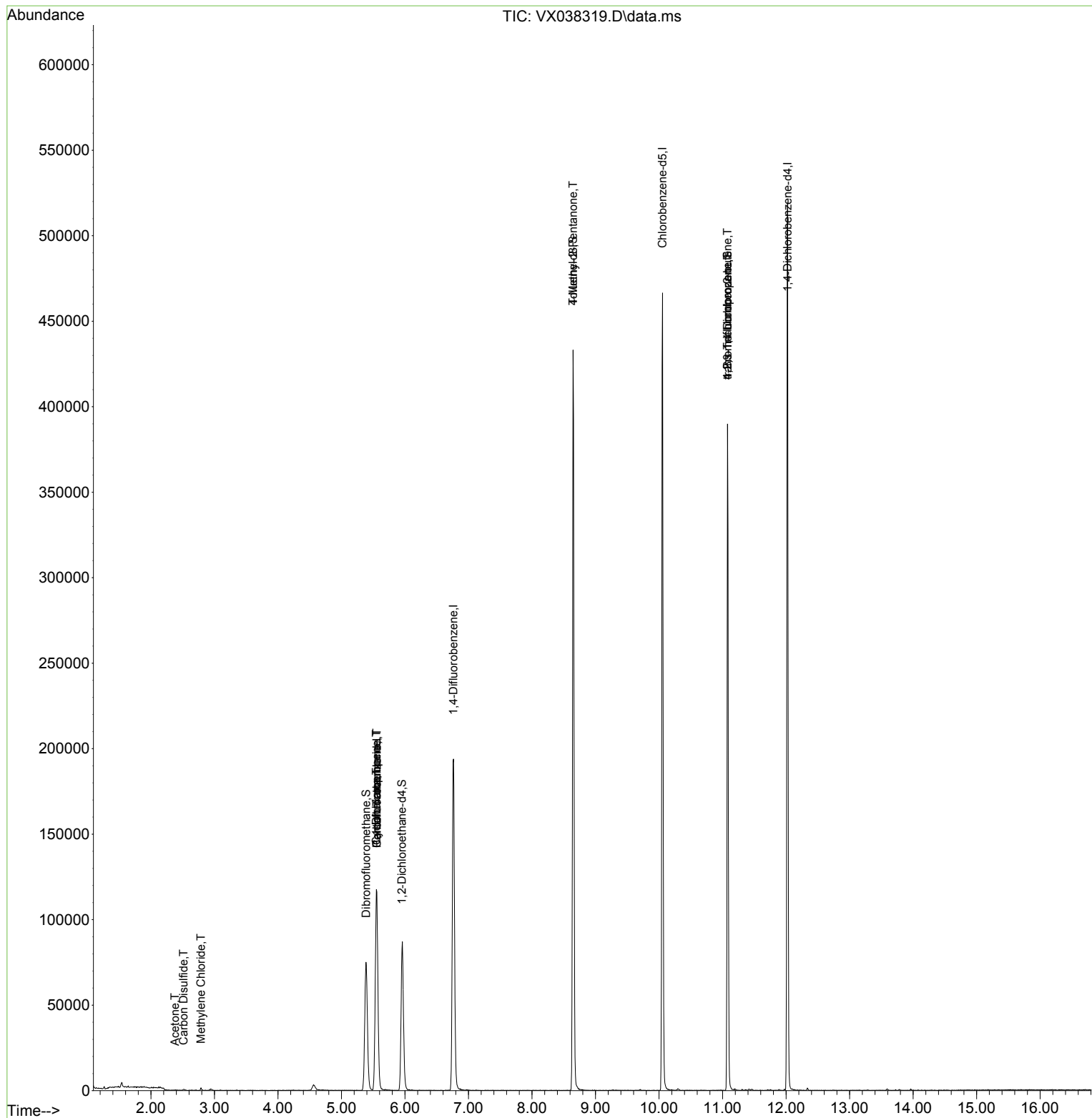
Internal Standards						
1) Pentafluorobenzene	5.556	168	110982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82067	45.974	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.940%		
35) Dibromofluoromethane	5.385	113	64485	44.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.600%		
50) Toluene-d8	8.647	98	258067	46.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.820%		
62) 4-Bromofluorobenzene	11.079	95	97086	46.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.575	94	22	Below Cal	#	3
6) Chloroethane	1.672	64	173	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	481	Below Cal	#	78
16) Acetone	2.380	43	244	0.328	ug/l #	47
17) Carbon Disulfide	2.514	76	669	0.229	ug/l #	76
20) Methylene Chloride	2.788	84	483	0.345	ug/l #	67
31) Cyclohexane	5.550	56	2807	1.451	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	9336	4.703	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11724	6.004	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1123	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54057	21.796	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54057	62.542	ug/l #	5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

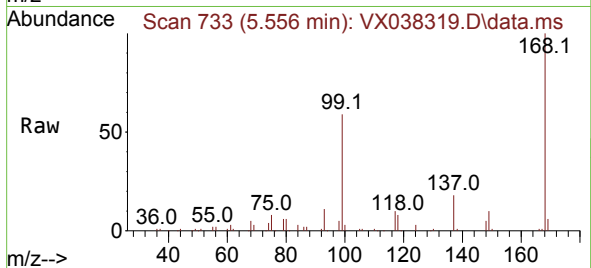
Quant Time: Oct 18 03:54:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



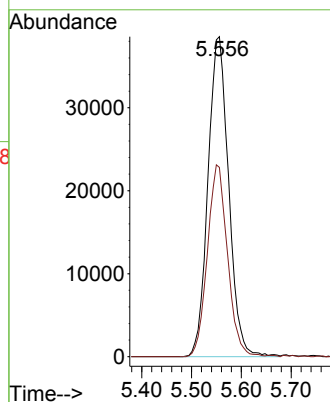
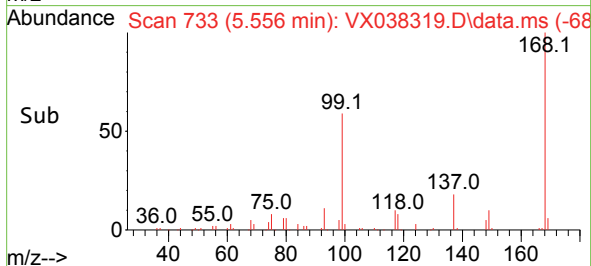


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :

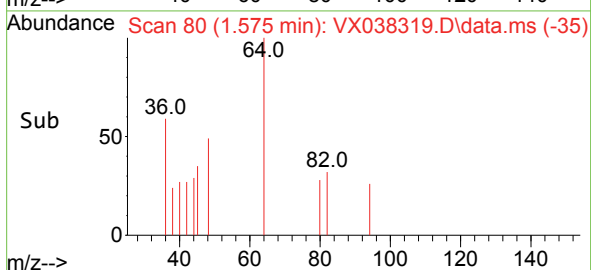
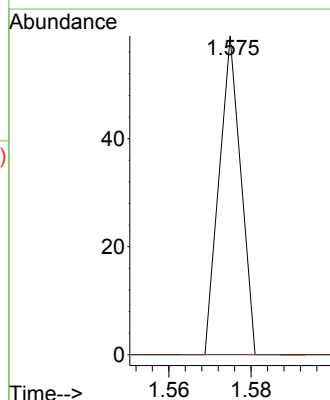
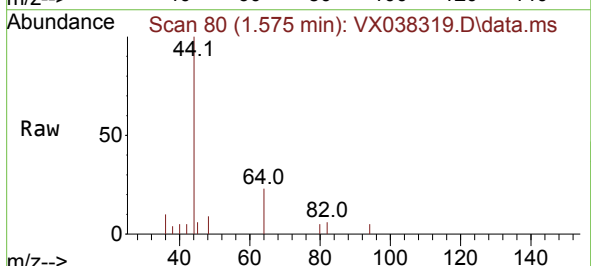


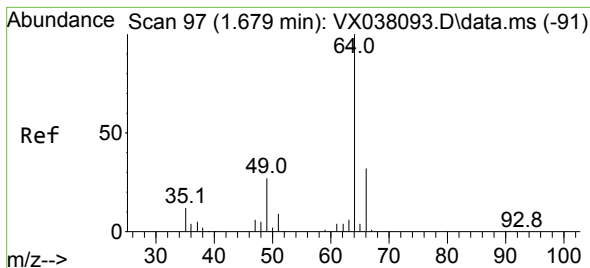
Tgt Ion:168 Resp: 110982
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

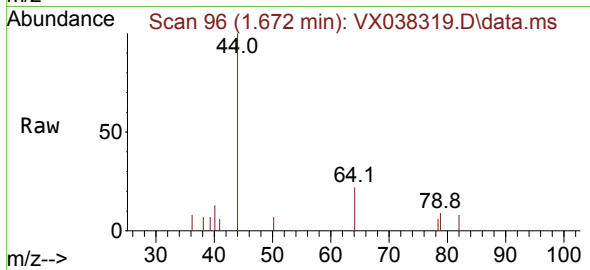
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



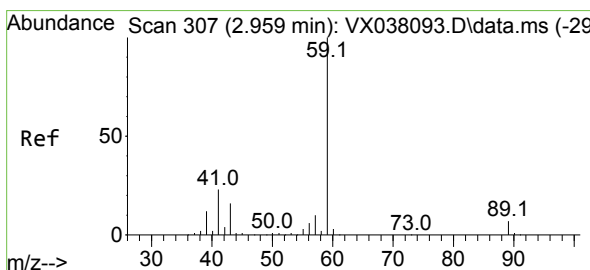
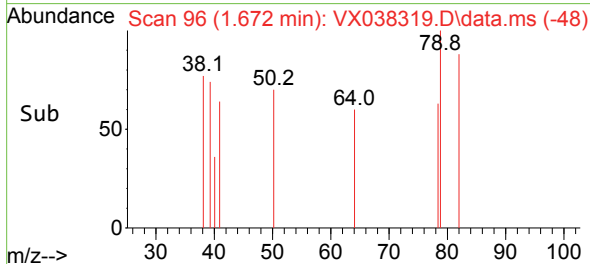
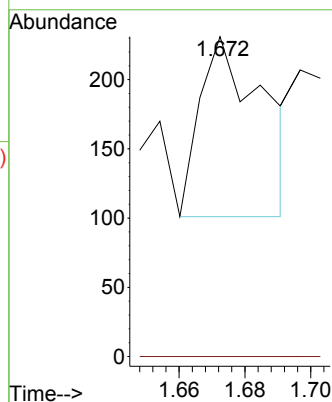


#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :

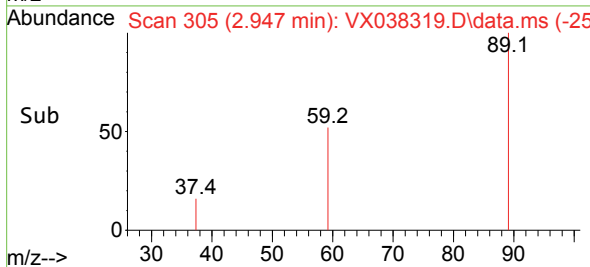
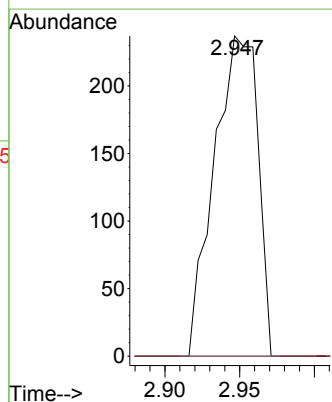
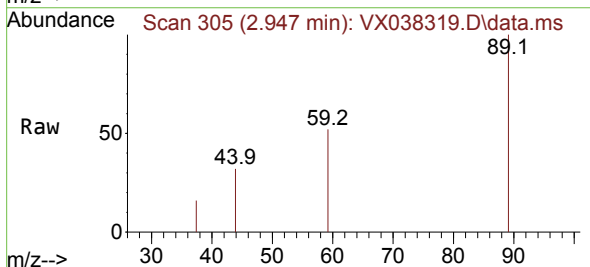


Tgt Ion: 64 Resp: 173
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

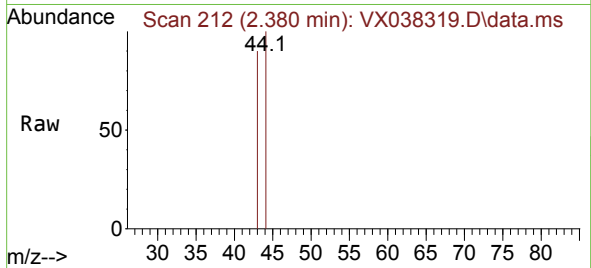
Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



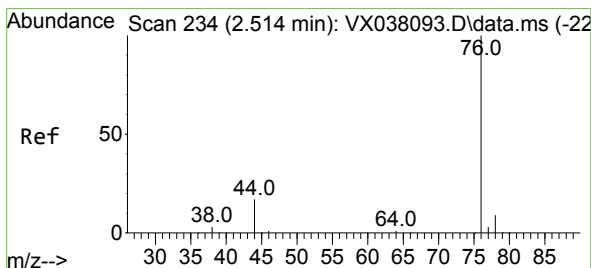
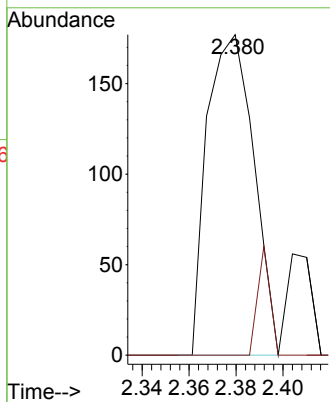
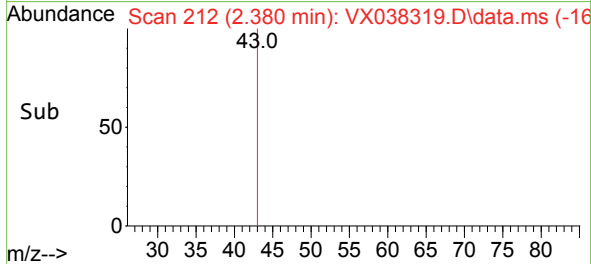


#16
Acetone
Concen: 0.328 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

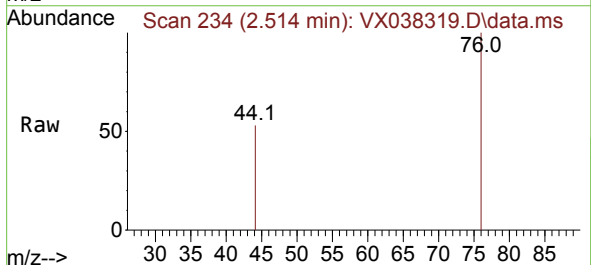
Instrument :
MSVOA_X
ClientSampleId :



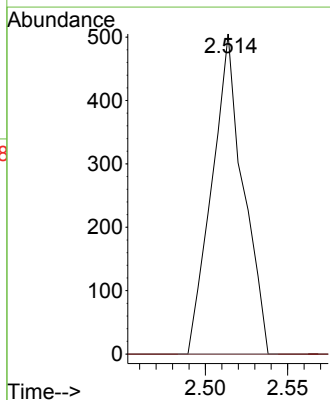
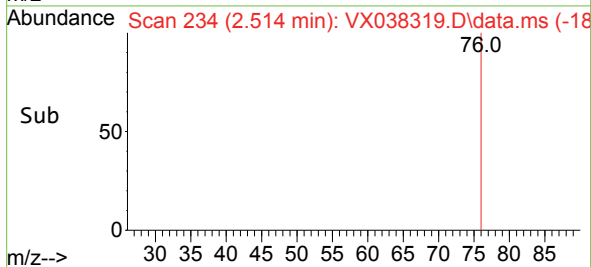
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

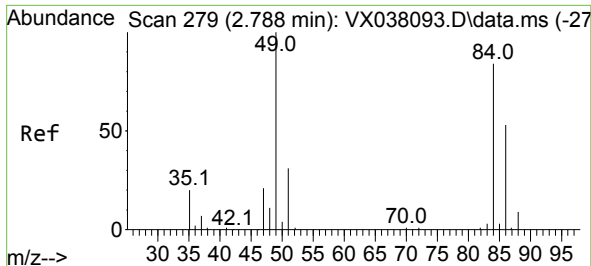


#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04



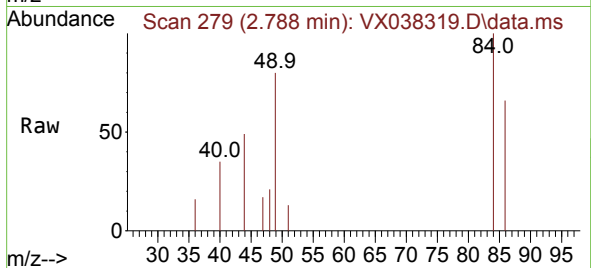
Tgt Ion: 76 Resp: 669
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



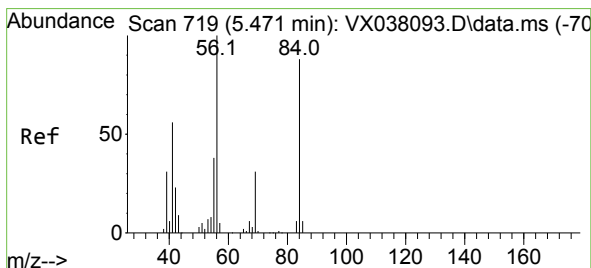
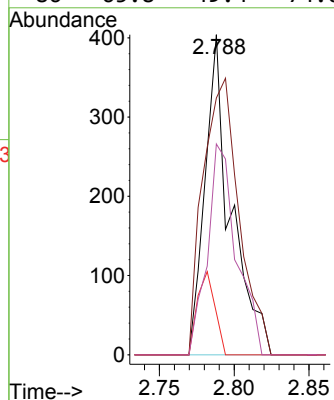


#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

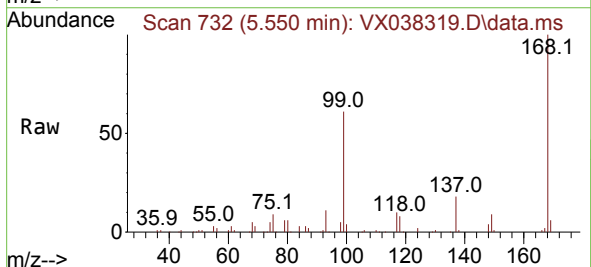
Instrument :
MSVOA_X
ClientSampleId :



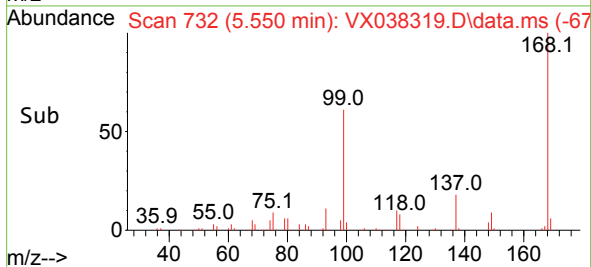
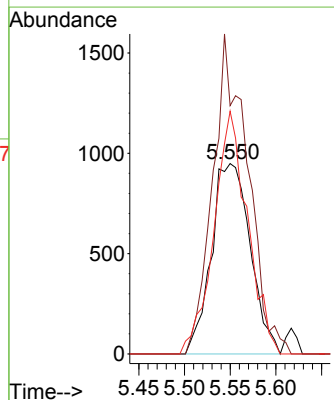
Tgt Ion: 84	Resp: 483
Ion Ratio	Lower Upper
84 100	
49 80.2	103.6 155.4#
51 13.1	33.8 50.6#
86 65.8	49.4 74.0

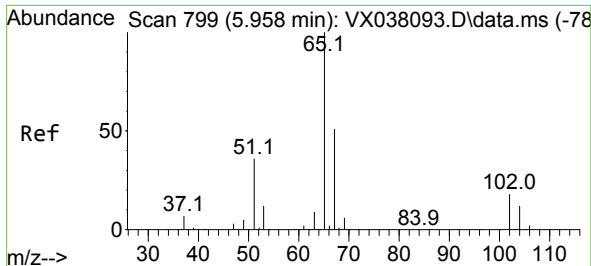


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04



Tgt Ion: 56	Resp: 2807
Ion Ratio	Lower Upper
56 100	
69 130.5	23.4 35.2#
84 127.5	65.9 98.9#

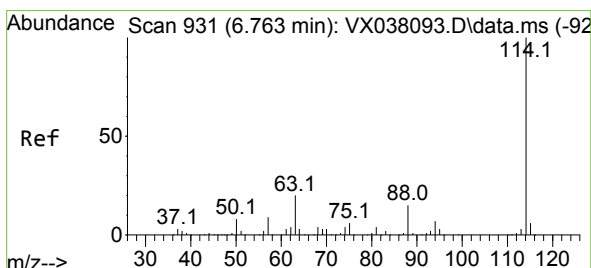
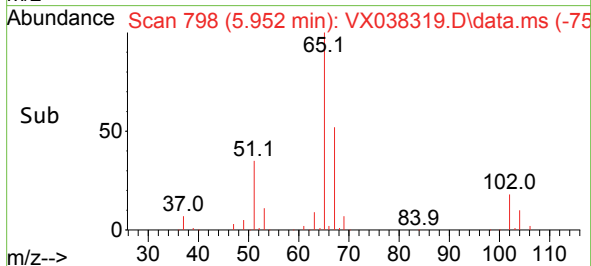
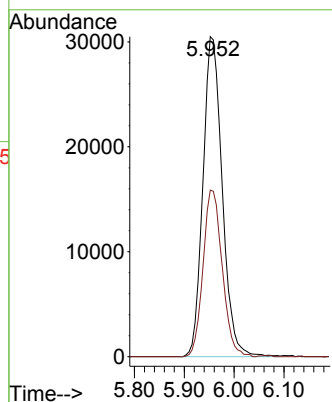
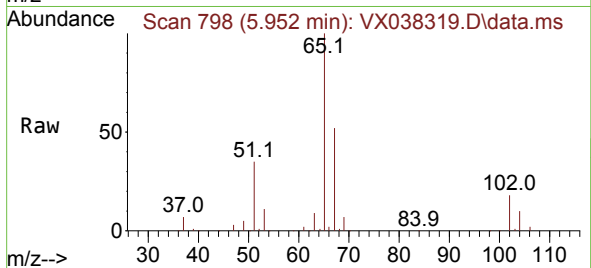




#33
1,2-Dichloroethane-d4
Concen: 45.974 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

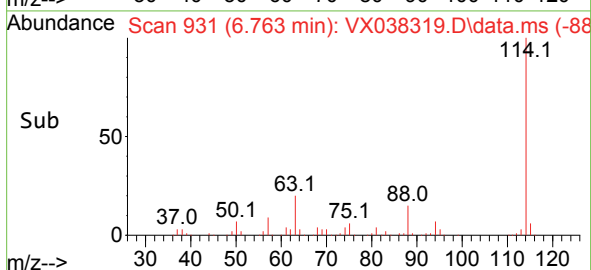
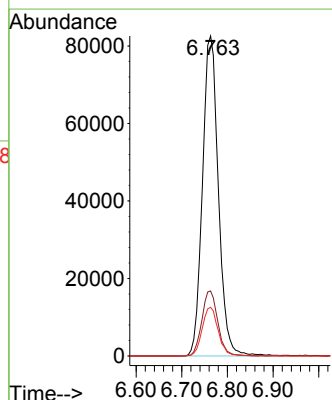
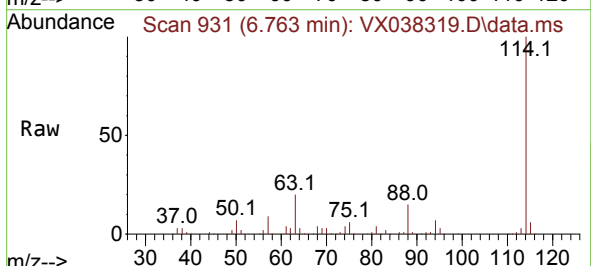
Instrument :
MSVOA_X
ClientSampleId :

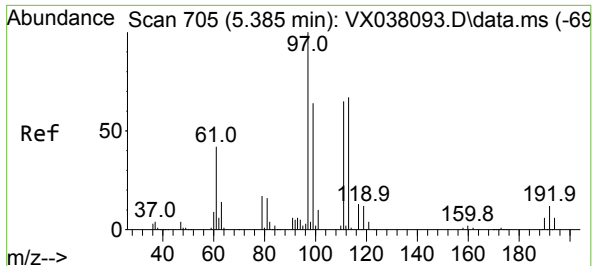
Tgt Ion: 65 Resp: 82067
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

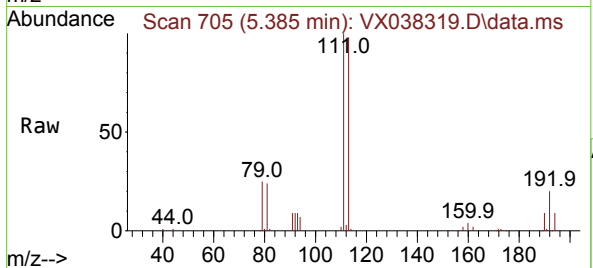
Tgt Ion: 114 Resp: 199780
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.2 0.0 36.6



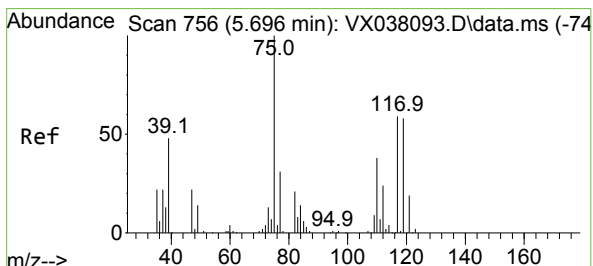
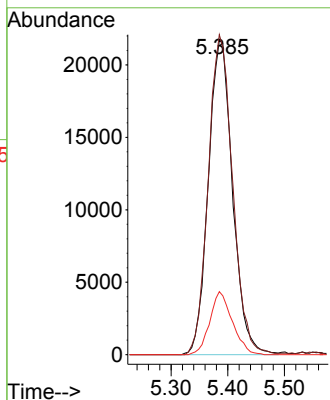
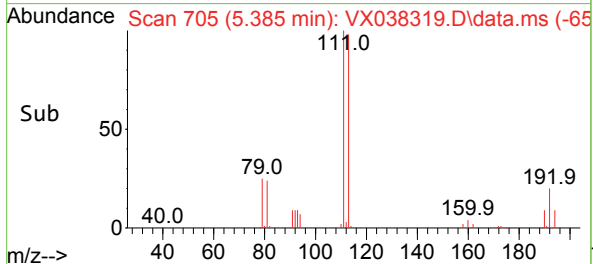


#35
 Dibromofluoromethane
 Concen: 44.796 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038319.D
 Acq: 17 Oct 2023 11:04

Instrument :
 MSVOA_X
 ClientSampleId :

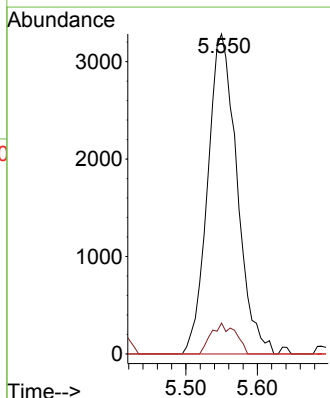
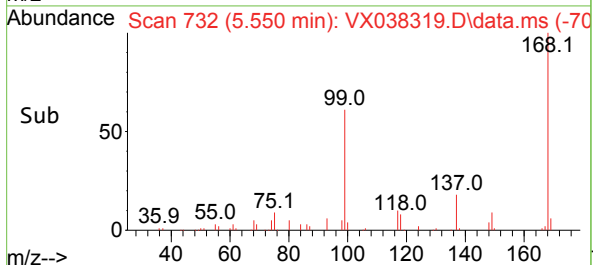
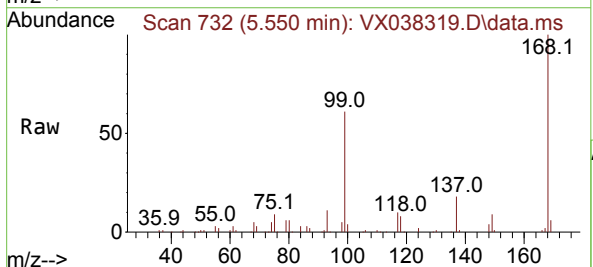


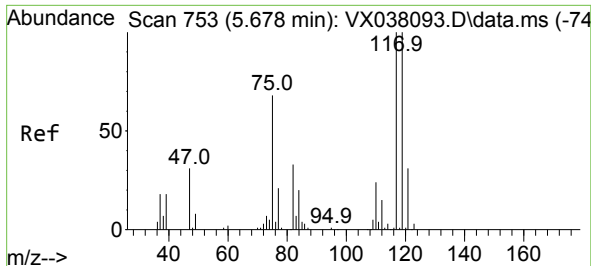
Tgt Ion:113 Resp: 64485
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 18.6 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX038319.D
 Acq: 17 Oct 2023 11:04

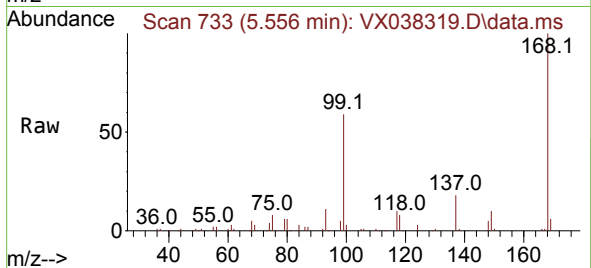
Tgt Ion: 75 Resp: 9336
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.0 50.9#
 77 0.0 24.7 37.1#



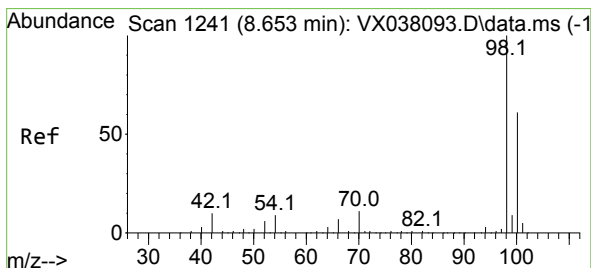
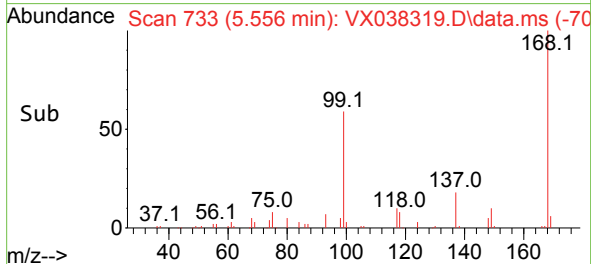
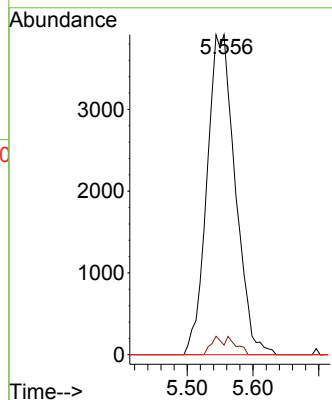


#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :

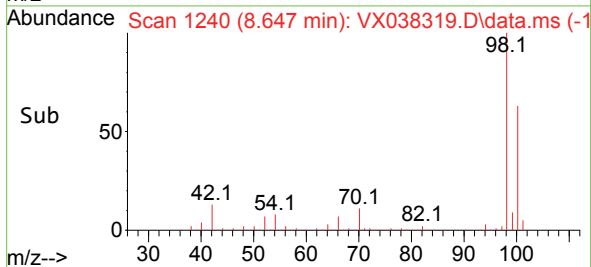
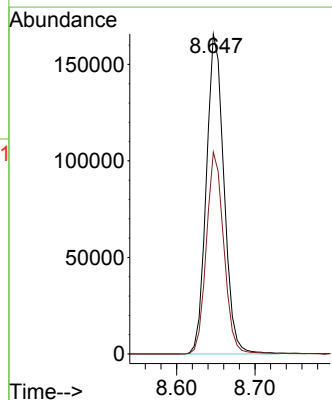
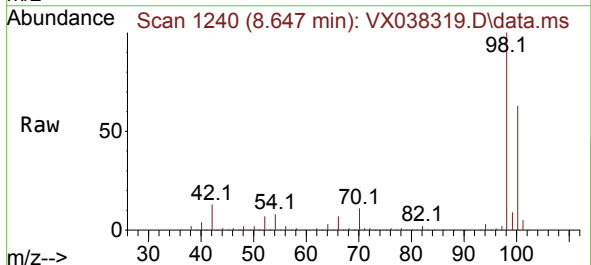


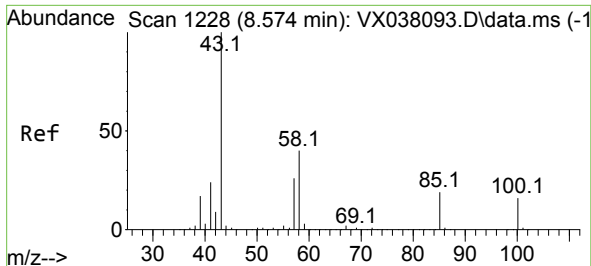
Tgt Ion:117 Resp: 11724
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Tgt Ion: 98 Resp: 258067
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

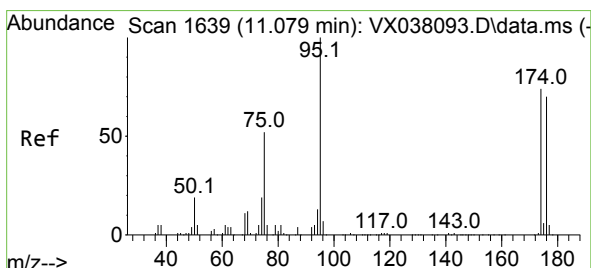
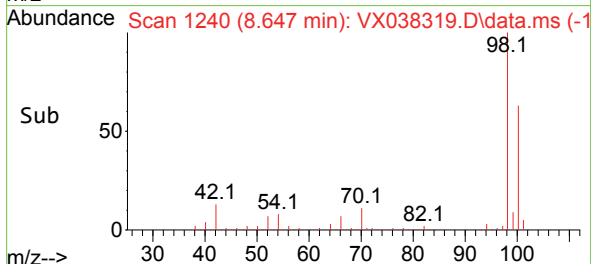
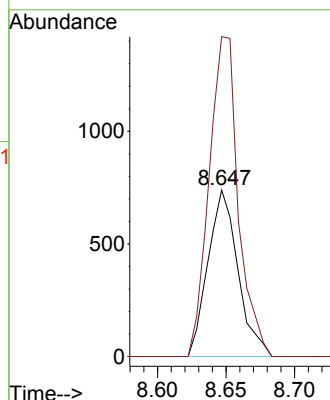
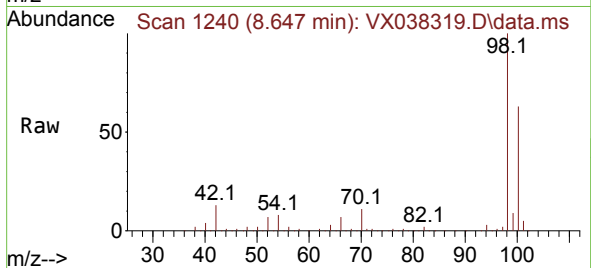




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1123
Delta R.T. 0.073 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

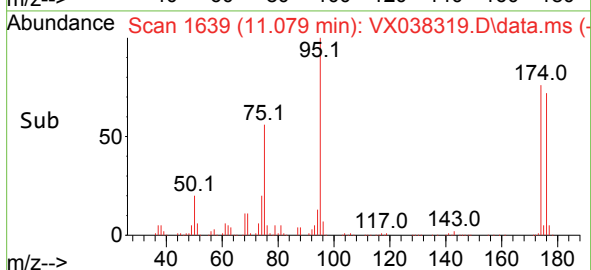
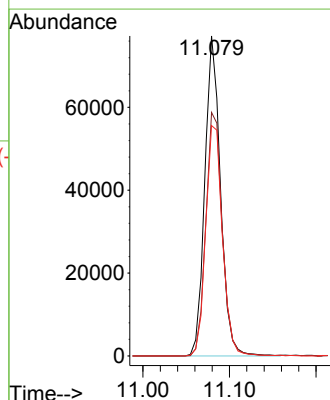
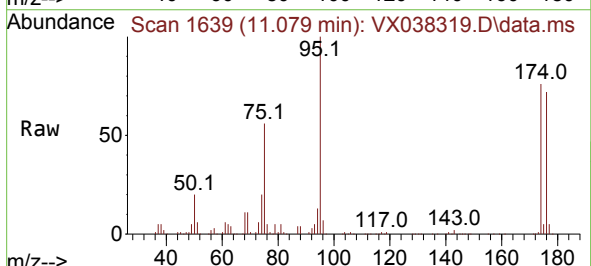
Instrument :
MSVOA_X
ClientSampleId :

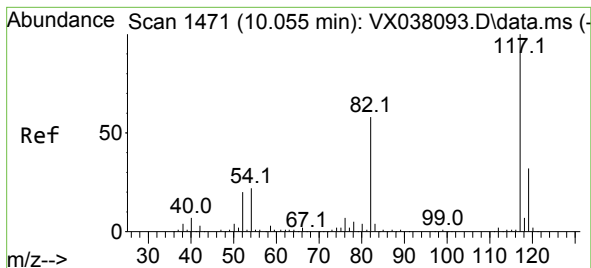
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 188.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Tgt Ion: 95 Resp: 97086
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.1 0.0 131.0

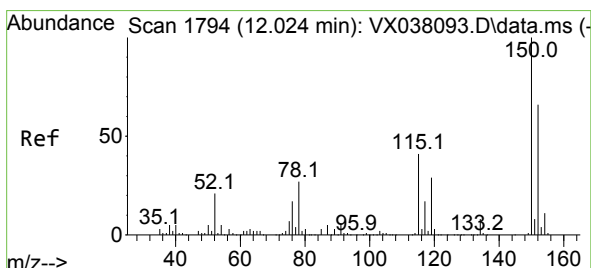
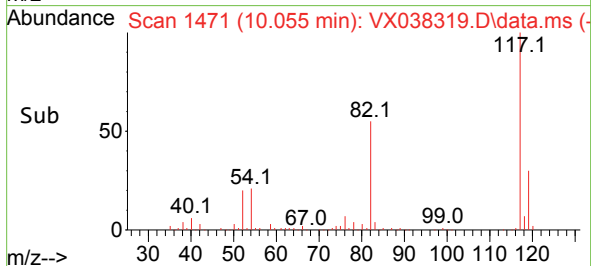
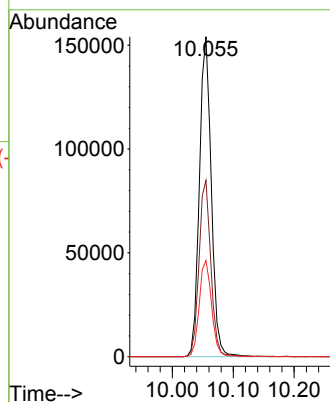
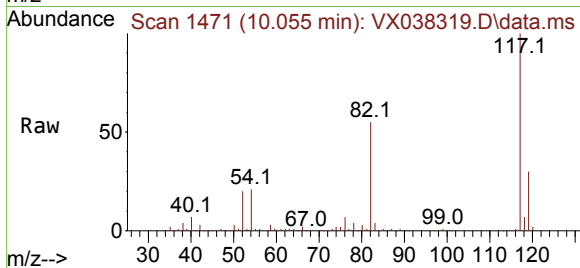




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

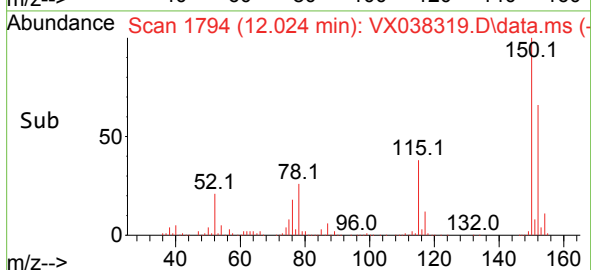
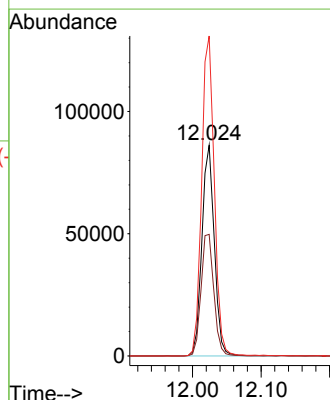
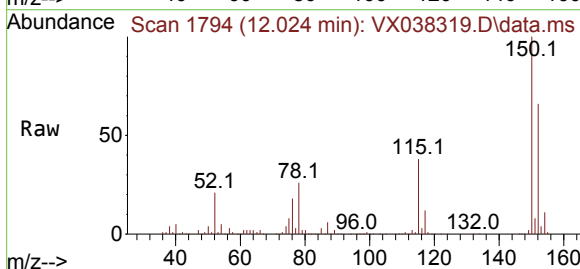
Instrument :
MSVOA_X
ClientSampleId :

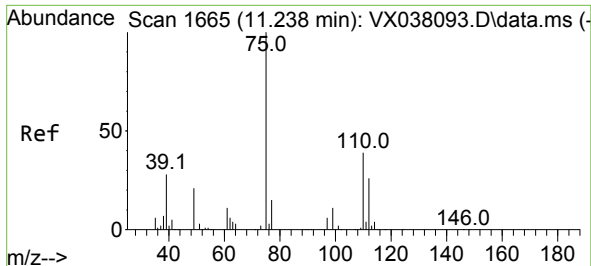
Tgt Ion:117 Resp: 208759
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 30.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Tgt Ion:152 Resp: 109096
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 153.9 0.0 345.0

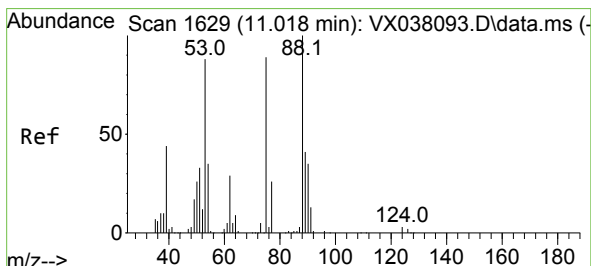
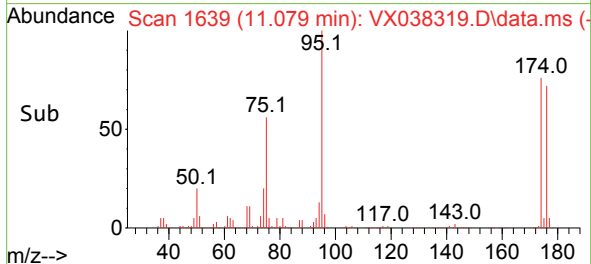
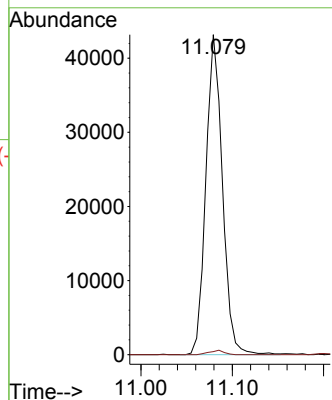
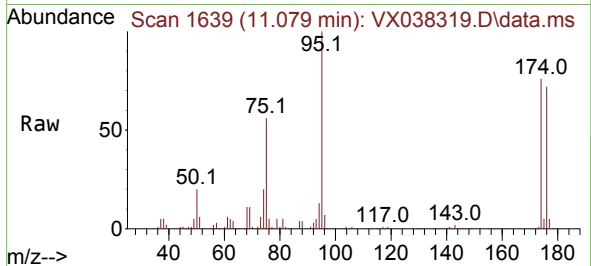




#76
1,2,3-Trichloropropane
Concen: 21.796 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54057
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038319.D
Acq: 17 Oct 2023 11:04

Tgt Ion: 75 Resp: 54057
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

