

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038127.D
 Acq On : 06 Oct 2023 13:47
 Operator : JC/MD
 Sample : 04767-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-5

Quant Time: Oct 07 04:19:47 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)

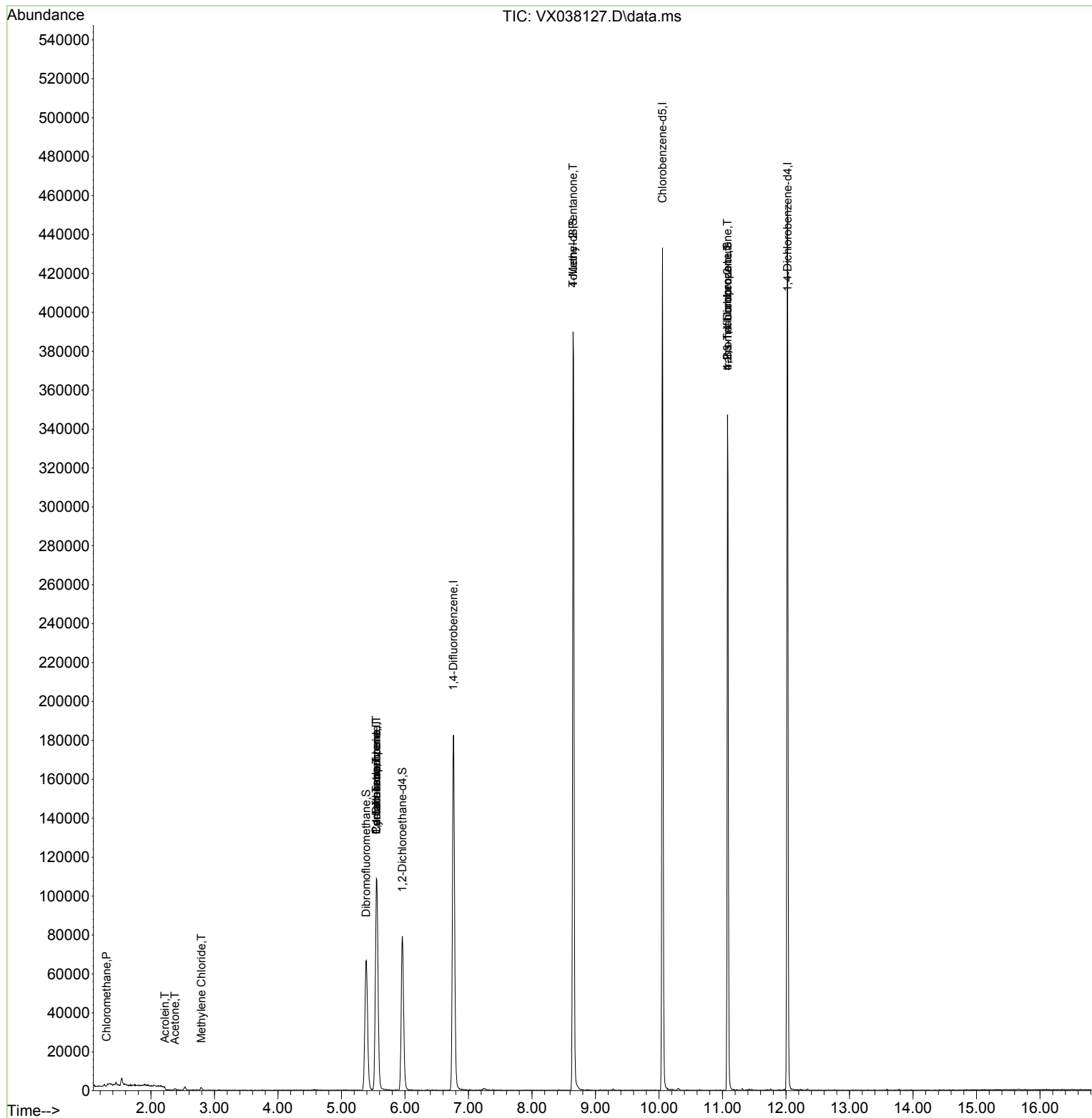
Internal Standards						
1) Pentafluorobenzene	5.550	168	102870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76965	46.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.040%
35) Dibromofluoromethane	5.385	113	57767	43.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.460%
50) Toluene-d8	8.647	98	236226	46.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.520%
62) 4-Bromofluorobenzene	11.079	95	87686	45.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	292	0.289	ug/l #	43
5) Bromomethane	1.538	94	35	Below Cal	#	3
6) Chloroethane	1.654	64	384	Below Cal	#	43
13) Acrolein	2.221	56	62	0.264	ug/l #	14
16) Acetone	2.380	43	873	1.264	ug/l #	89
20) Methylene Chloride	2.794	84	692	0.533	ug/l #	95
31) Cyclohexane	5.550	56	2627	1.465	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	8537	4.633	ug/l #	46
38) Carbon Tetrachloride	5.550	117	11277	6.221	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	971	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48059	22.484	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48059	64.389	ug/l #	5

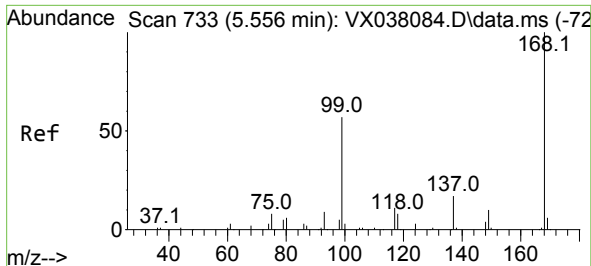
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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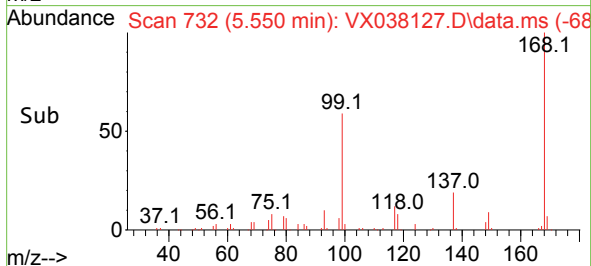
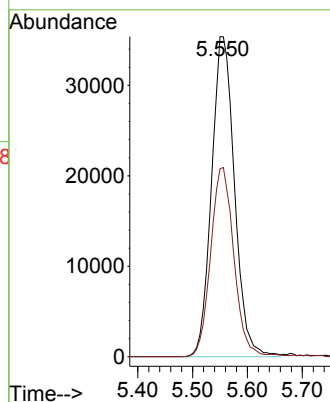
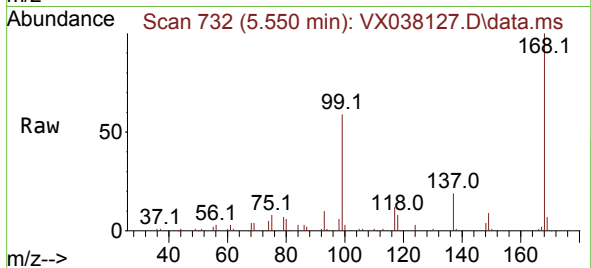




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

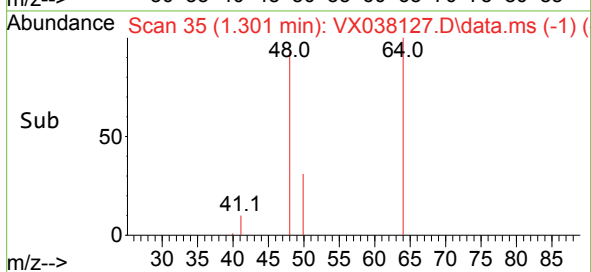
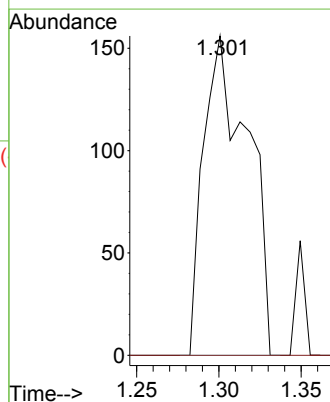
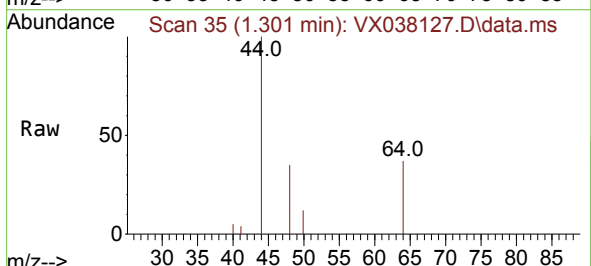
Instrument :
MSVOA_X
ClientSampleId :
TB-5

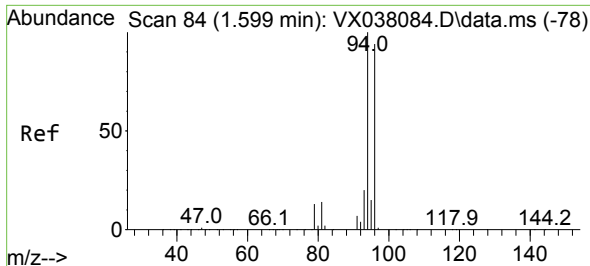
Tgt Ion:168 Resp: 102870
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 50 Resp: 292
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

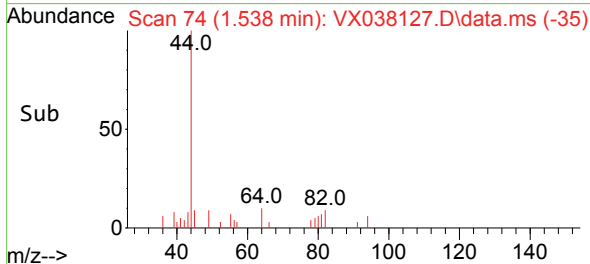
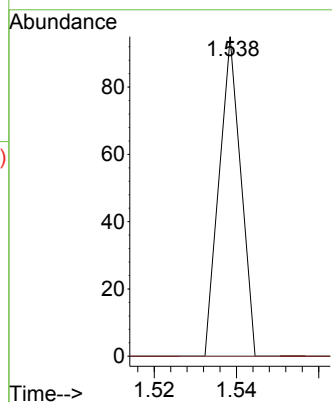
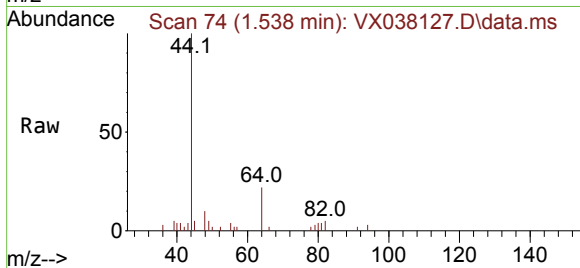




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

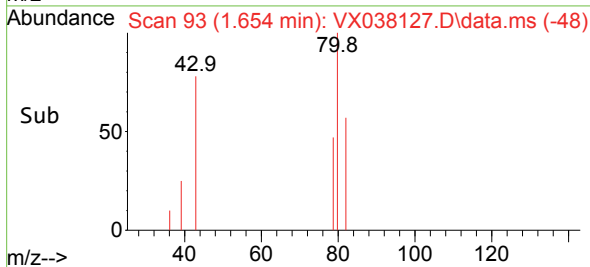
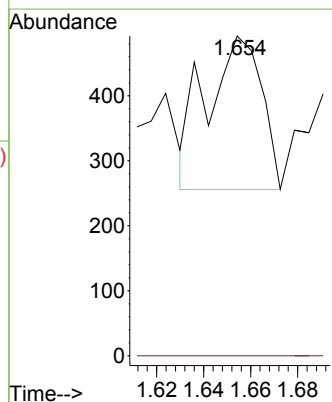
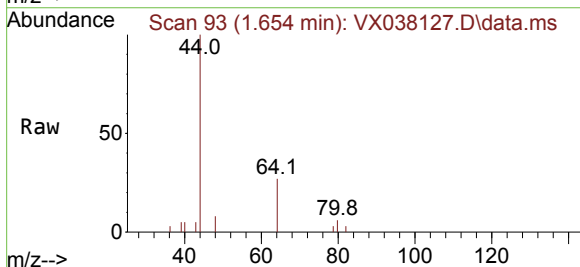
Instrument :
MSVOA_X
ClientSampleId :
TB-5

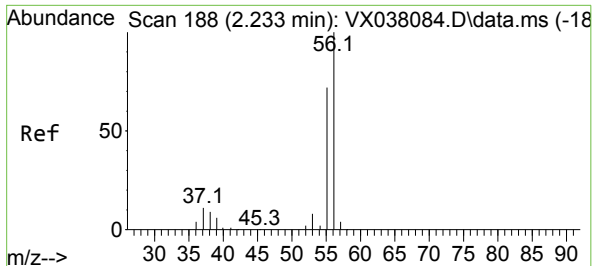
Tgt Ion: 94 Resp: 35
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

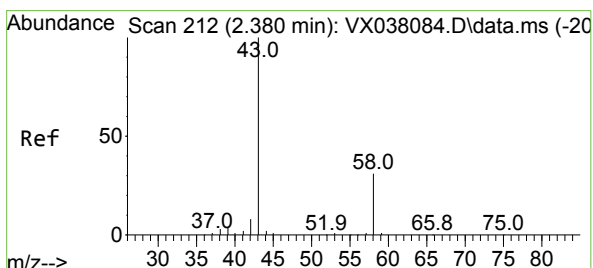
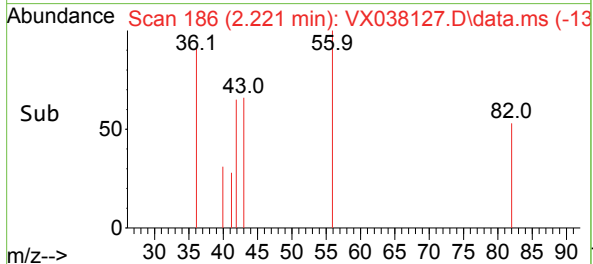
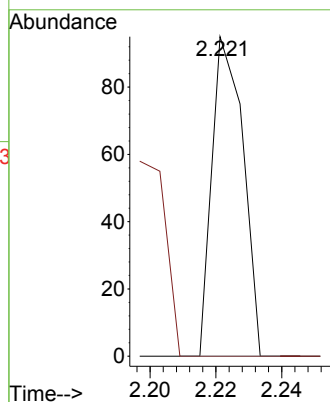
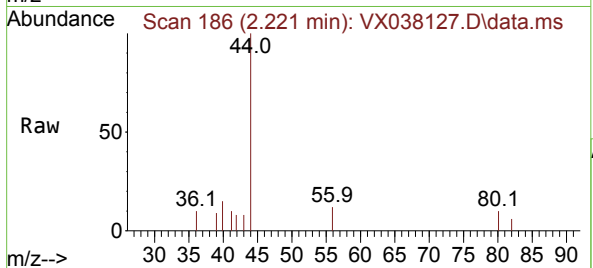




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

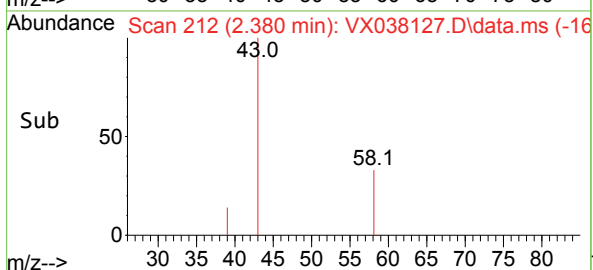
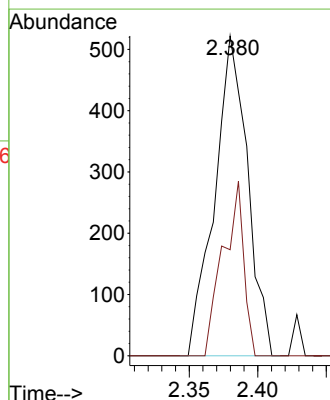
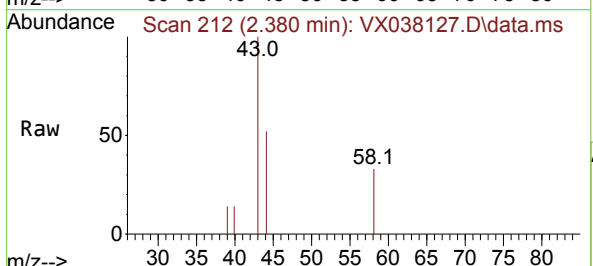
Instrument :
MSVOA_X
ClientSampleId :
TB-5

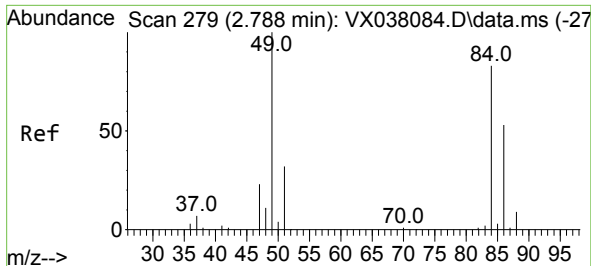
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.264 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#

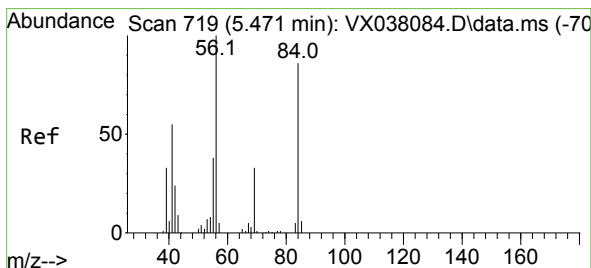
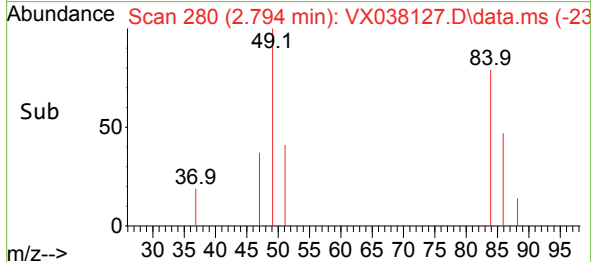
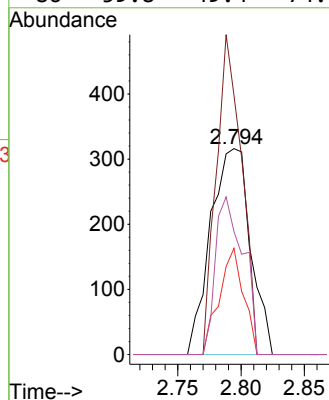
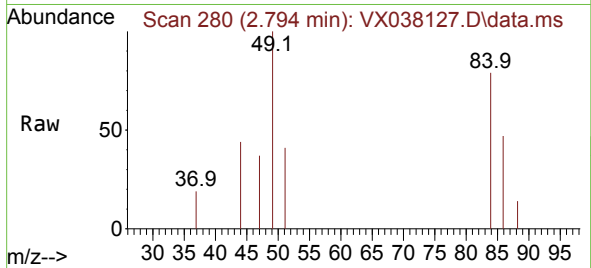




#20
Methylene Chloride
Concen: 0.533 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

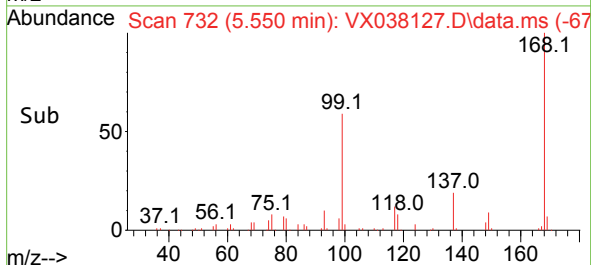
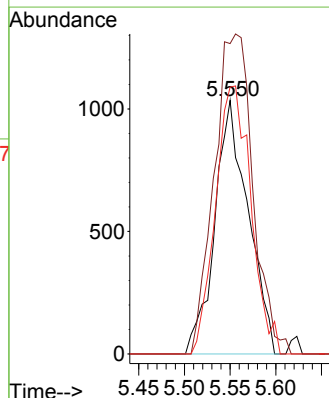
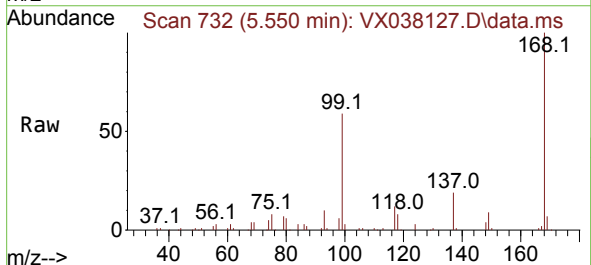
Instrument :
MSVOA_X
ClientSampleId :
TB-5

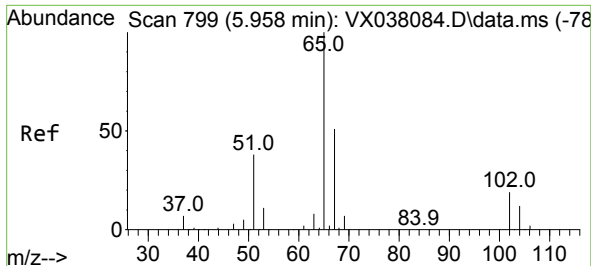
Tgt Ion: 84	Resp: 692
Ion Ratio	Lower Upper
84 100	
49 125.9	103.6 155.4
51 51.6	33.8 50.6#
86 59.8	49.4 74.0



#31
Cyclohexane
Concen: 1.465 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 56	Resp: 2627
Ion Ratio	Lower Upper
56 100	
69 122.4	23.4 35.2#
84 105.2	65.9 98.9#

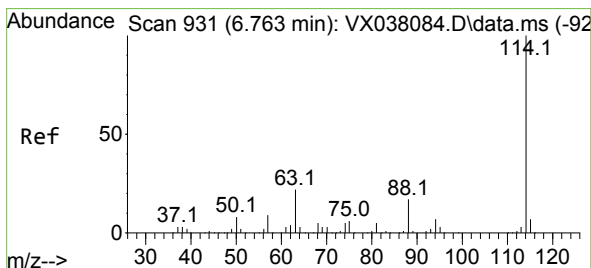
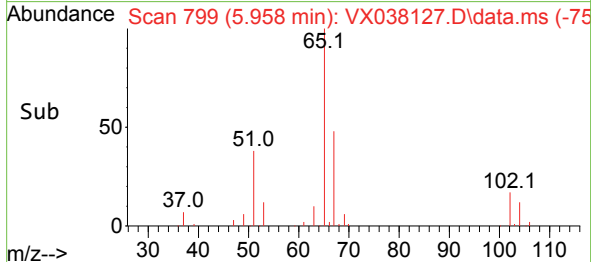
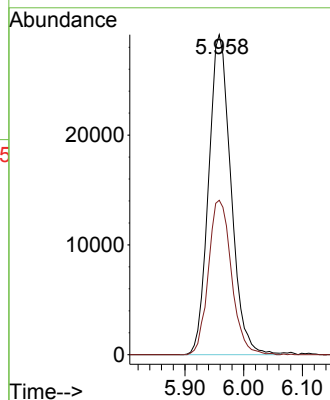
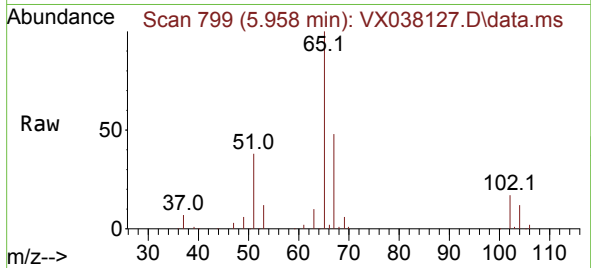




#33
 1,2-Dichloroethane-d4
 Concen: 46.516 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038127.D
 Acq: 06 Oct 2023 13:47

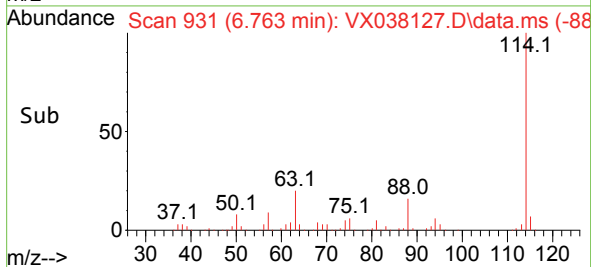
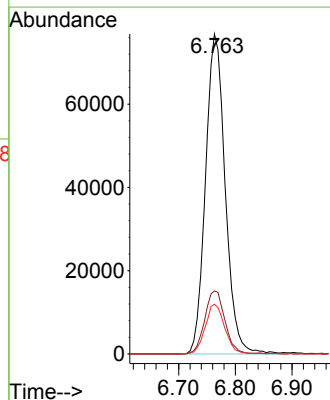
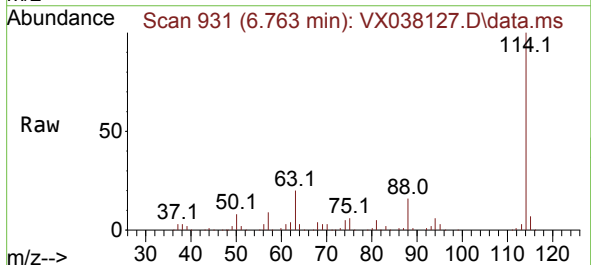
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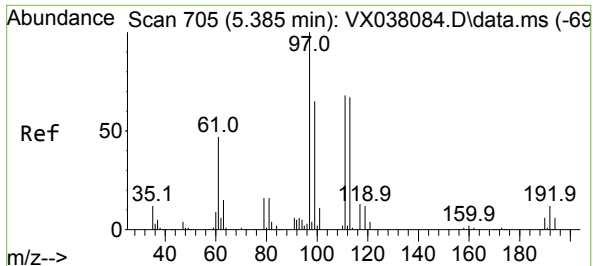
Tgt Ion: 65 Resp: 76965
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038127.D
 Acq: 06 Oct 2023 13:47

Tgt Ion:114 Resp: 185447
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 15.6 0.0 36.6

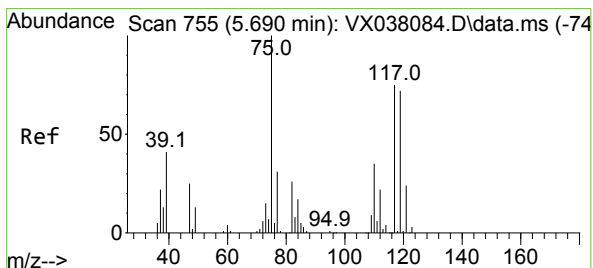
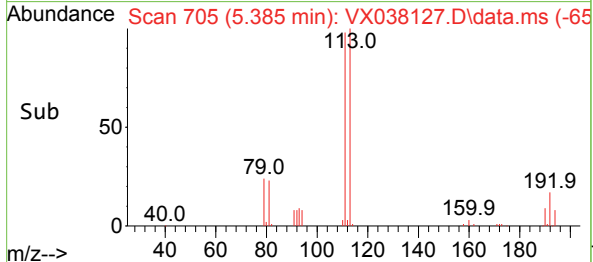
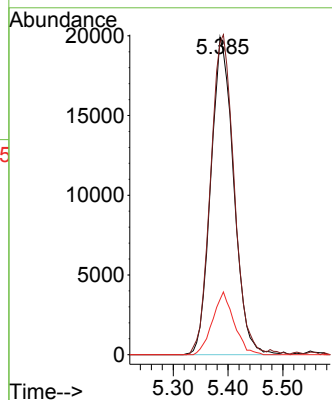
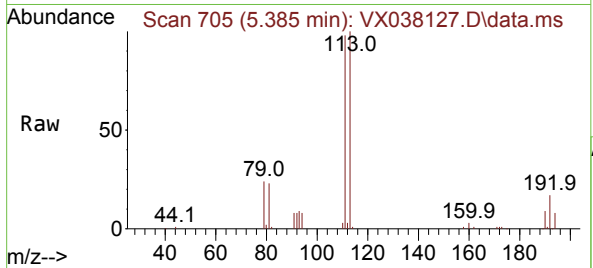




#35
Dibromofluoromethane
Concen: 43.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

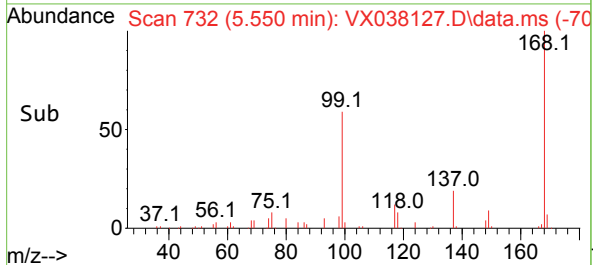
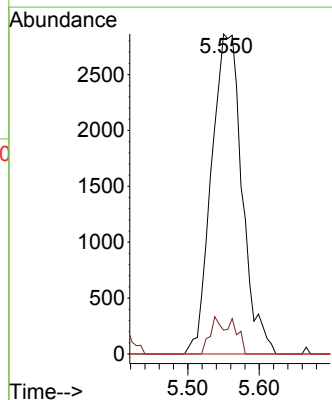
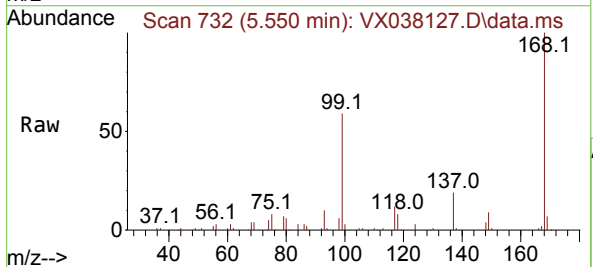
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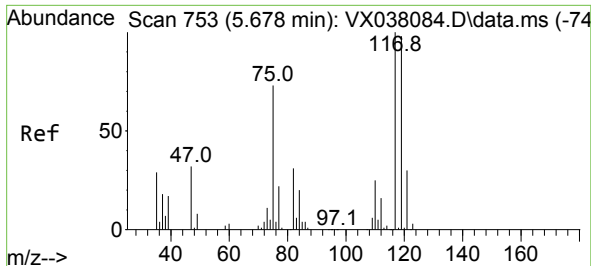
Tgt Ion:113 Resp: 57767
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 75 Resp: 8537
Ion Ratio Lower Upper
75 100
110 4.7 17.0 50.9#
77 0.0 24.7 37.1#

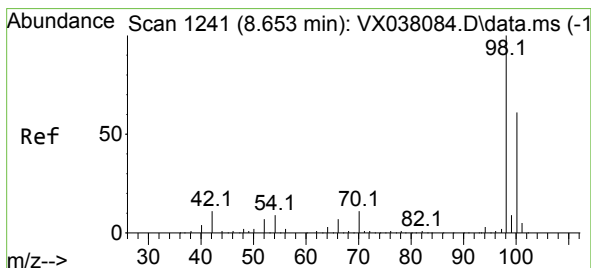
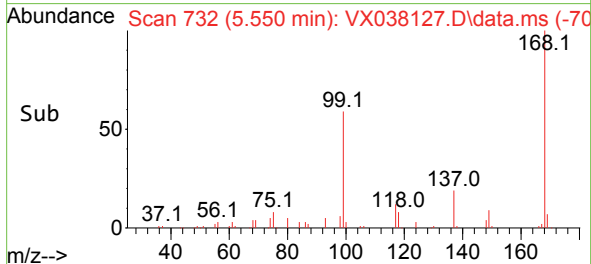
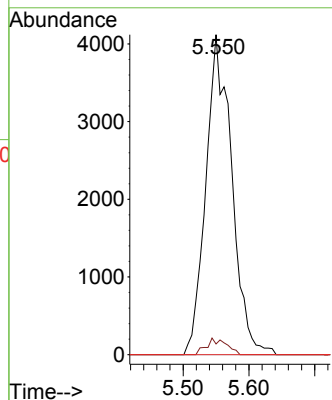
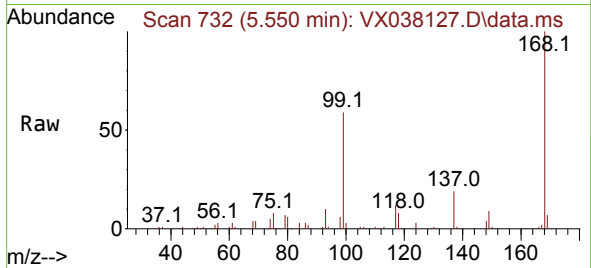




#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

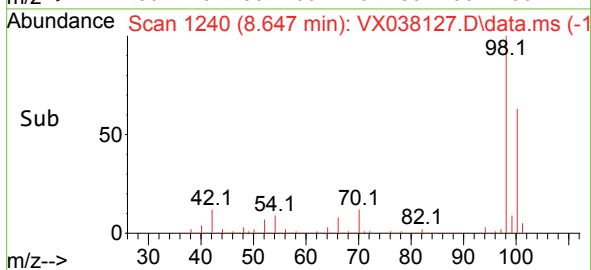
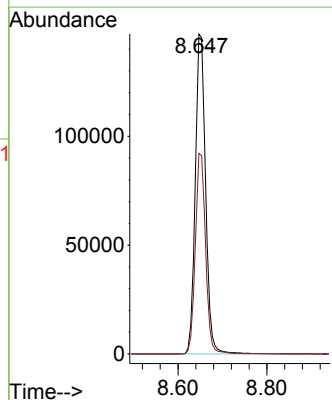
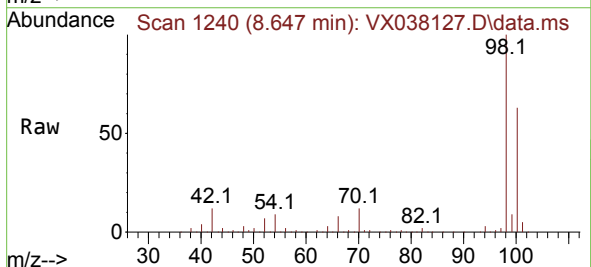
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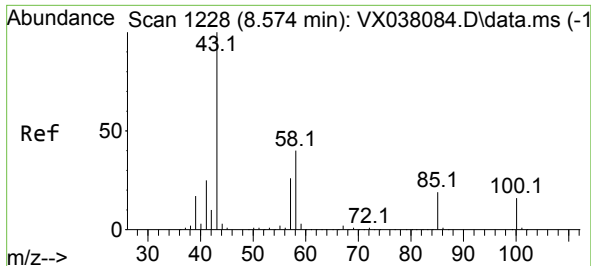
Tgt Ion:117 Resp: 11277
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.263 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 98 Resp: 236226
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7

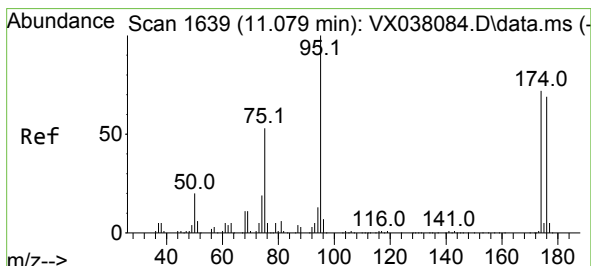
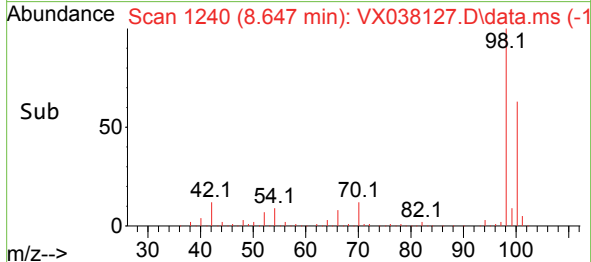
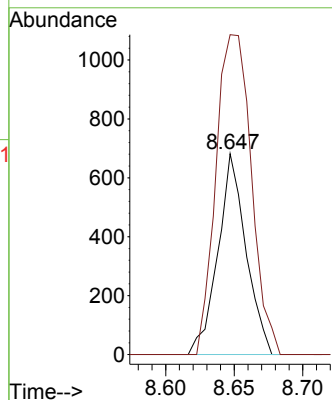
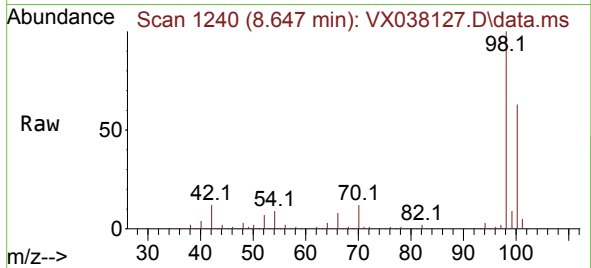




#51
4-Methyl-2-Pentanone
Concen: 0.431 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

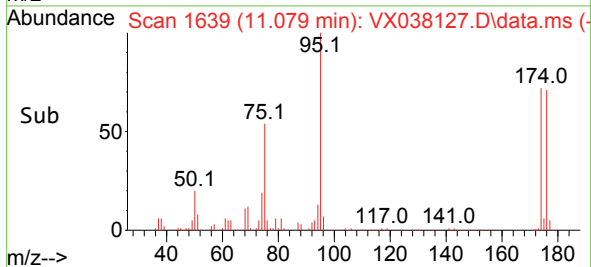
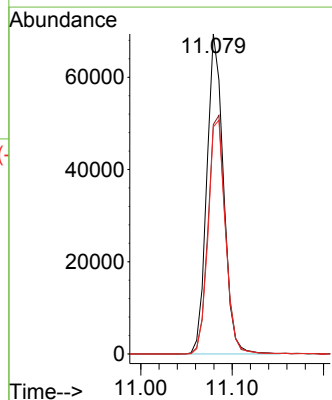
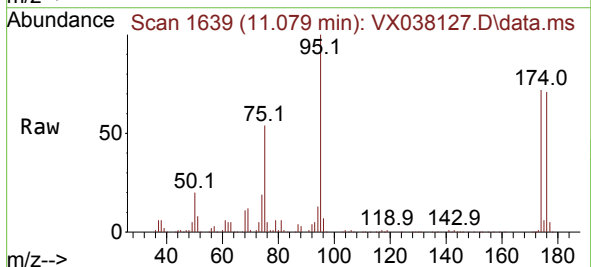
Instrument :
MSVOA_X
ClientSampleId :
TB-5

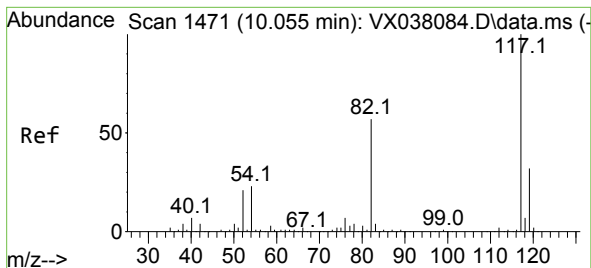
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 200.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 95 Resp: 87686
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 75.6 0.0 131.0

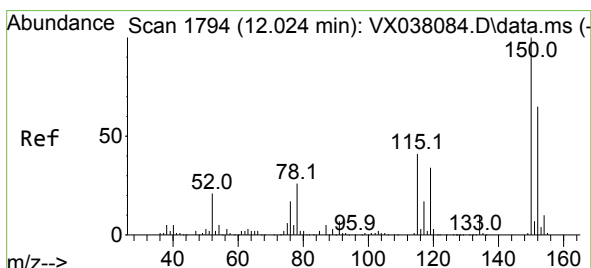
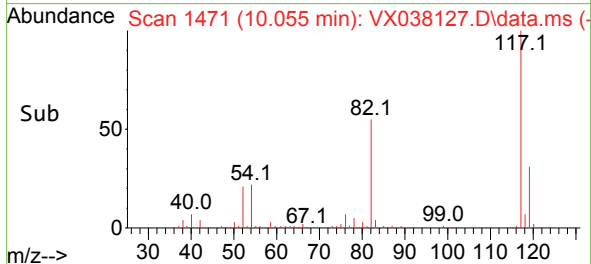
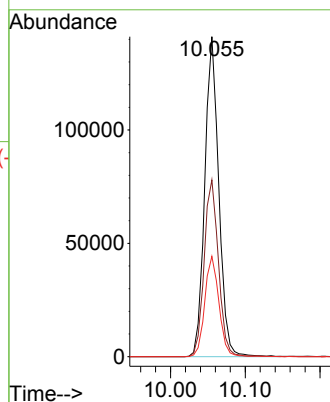
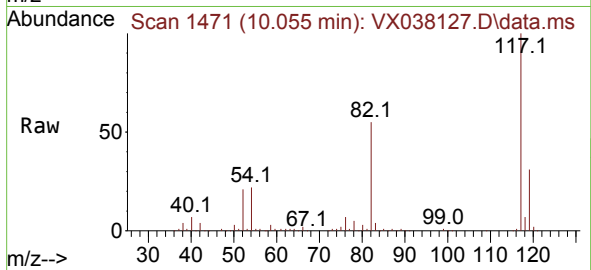




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

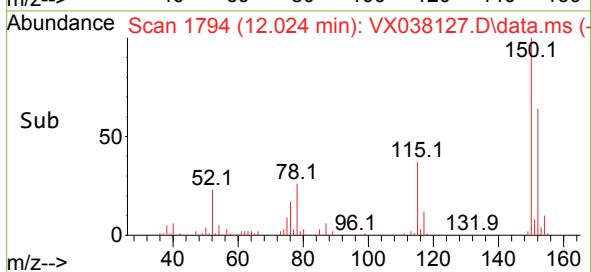
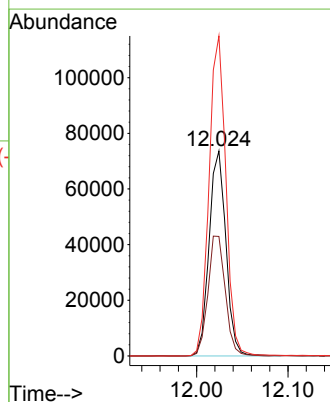
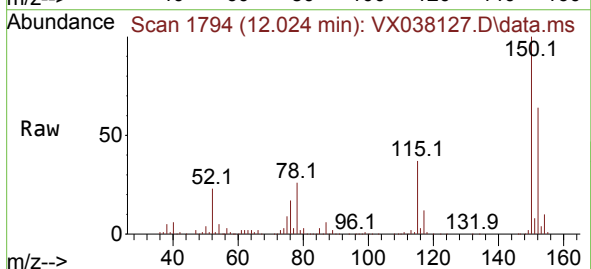
Instrument :
MSVOA_X
ClientSampleId :
TB-5

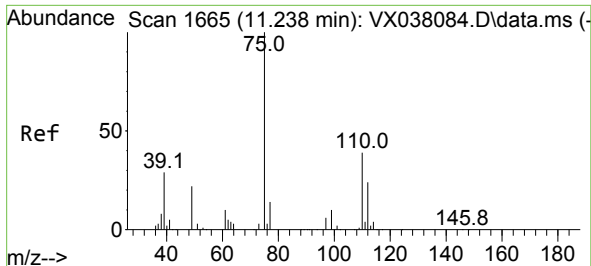
Tgt Ion:117 Resp: 183620
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion:152 Resp: 94022
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 156.0 0.0 345.0

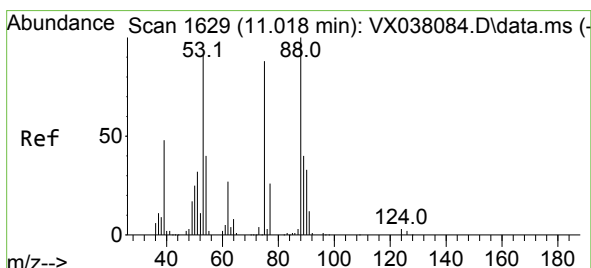
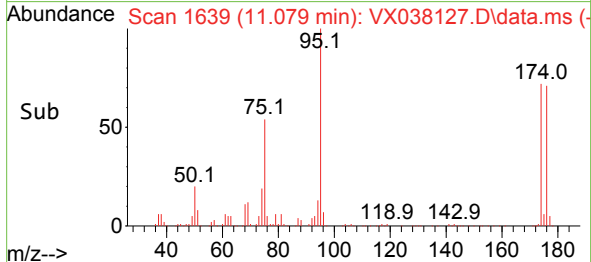
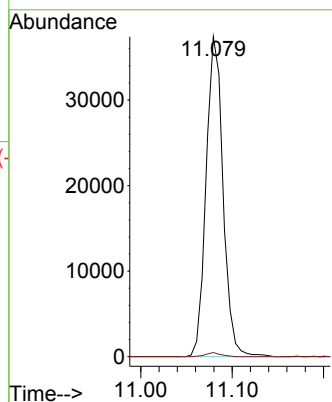
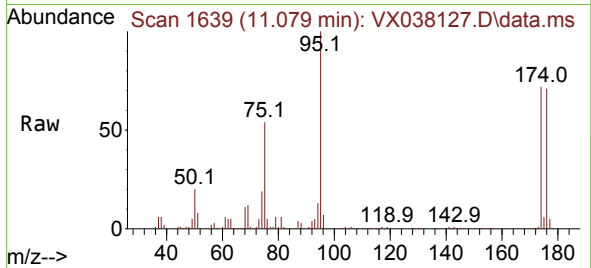




#76
1,2,3-Trichloropropane
Concen: 22.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
TB-5

Tgt Ion: 75 Resp: 48059
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038127.D
Acq: 06 Oct 2023 13:47

Tgt Ion: 75 Resp: 48059
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

