

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037338.D
 Acq On : 29 Aug 2023 13:38
 Operator : JC/MD
 Sample : 04150-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230822

Quant Time: Aug 30 02:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

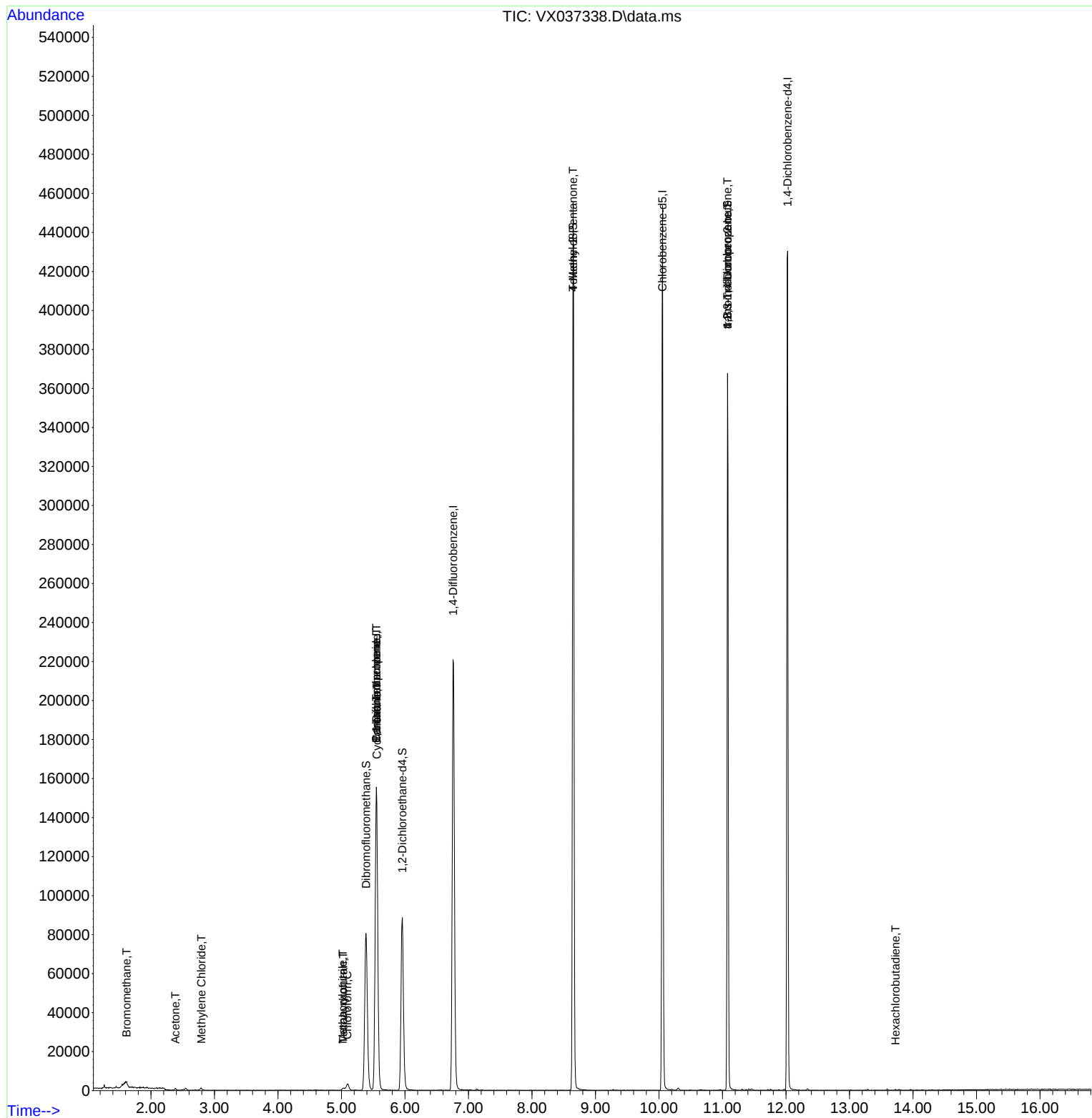
Internal Standards						
1) Pentafluorobenzene	5.550	168	145629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89321	42.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.080%
35) Dibromofluoromethane	5.385	113	72316	45.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	278333	48.504	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	101311	44.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	177	0.221	ug/l #	70
16) Acetone	2.386	43	965	1.175	ug/l	98
20) Methylene Chloride	2.794	84	656	0.357	ug/l #	65
29) Tetrahydrofuran	5.026	42	964	1.222	ug/l #	73
30) Chloroform	5.093	83	4220	1.259	ug/l	89
31) Cyclohexane	5.556	56	2783	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11517	5.124	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15620	6.398	ug/l #	16
41) Methacrylonitrile	5.020	41	601	0.504	ug/l #	50
51) 4-Methyl-2-Pentanone	8.647	43	1064	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50741	25.359	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50741	70.830	ug/l #	5
94) Hexachlorobutadiene	13.725	225	158	0.229	ug/l	68

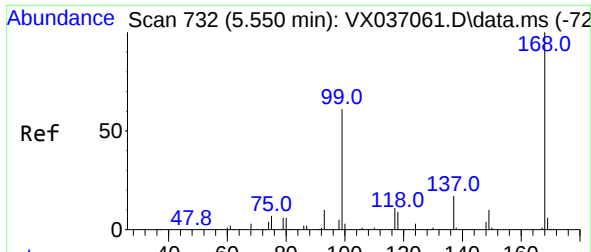
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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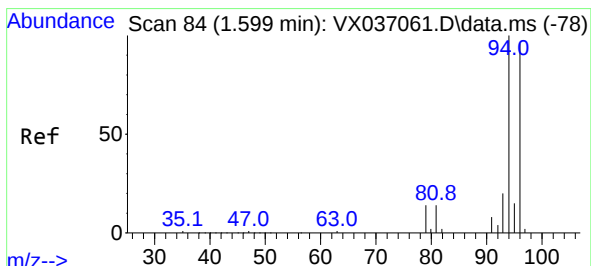
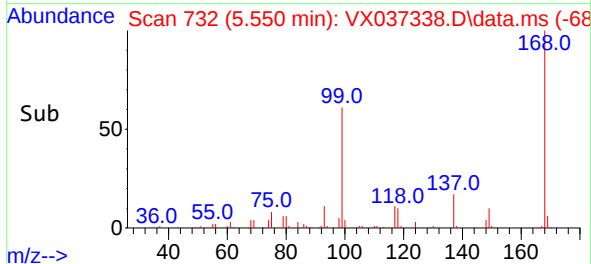
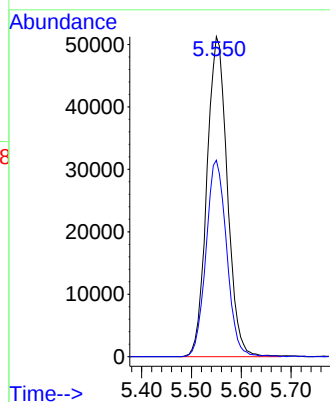
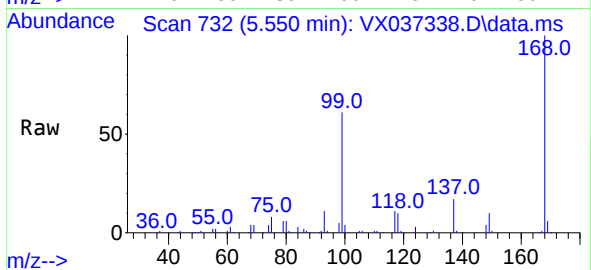




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

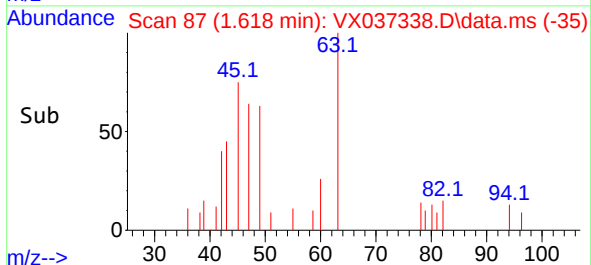
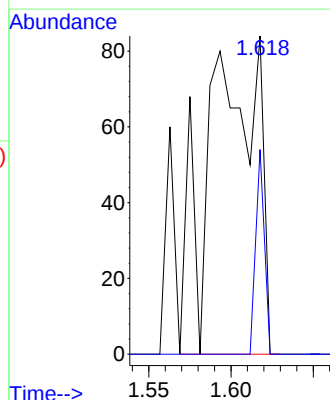
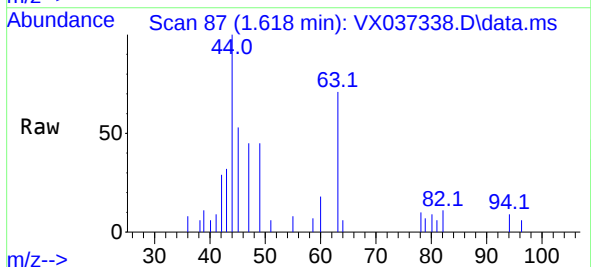
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

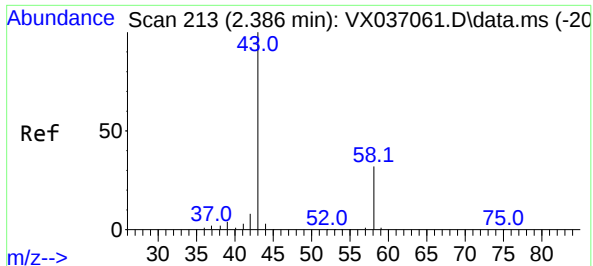
Tgt Ion:168 Resp: 145629
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 64.3 74.6 111.8#

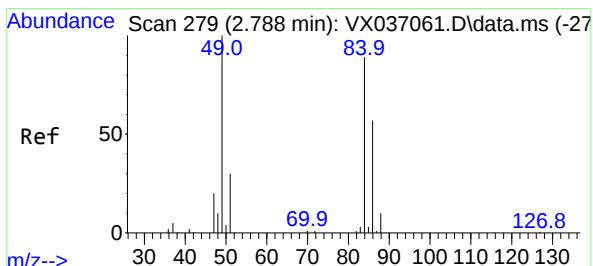
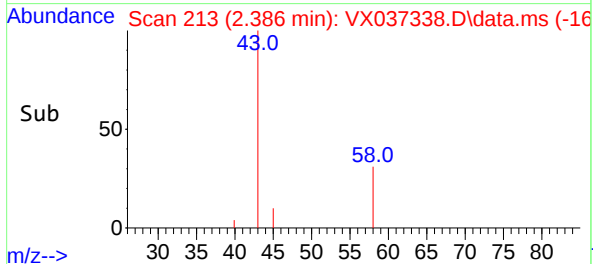
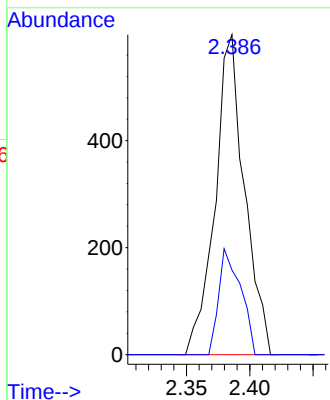
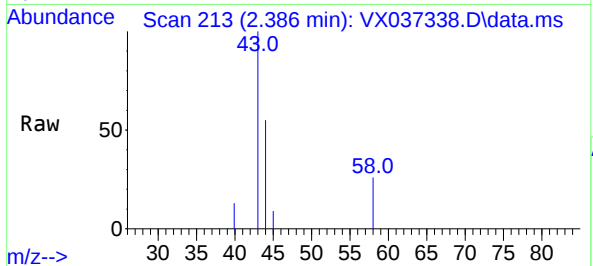




#16
Acetone
Concen: 1.175 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

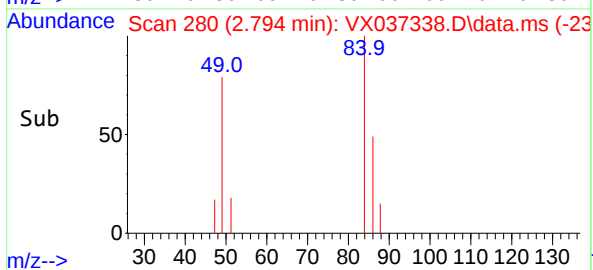
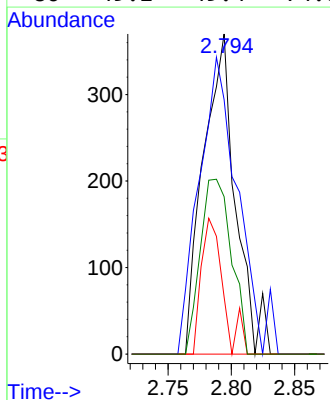
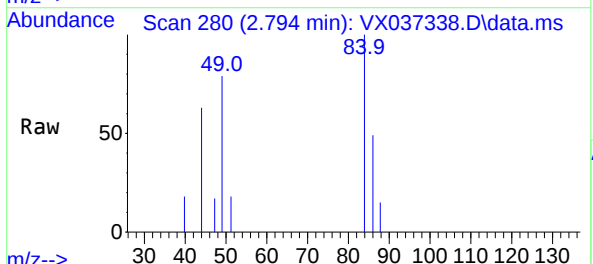
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

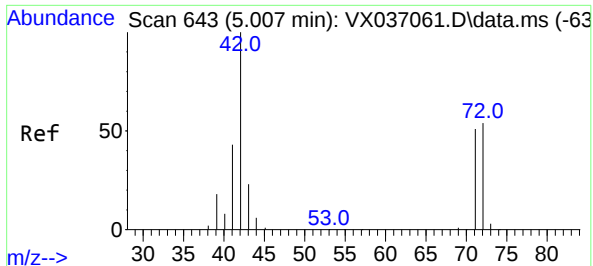
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 84 Resp: 656
Ion Ratio Lower Upper
84 100
49 79.5 103.6 155.4#
51 17.8 33.8 50.6#
86 49.2 49.4 74.0#



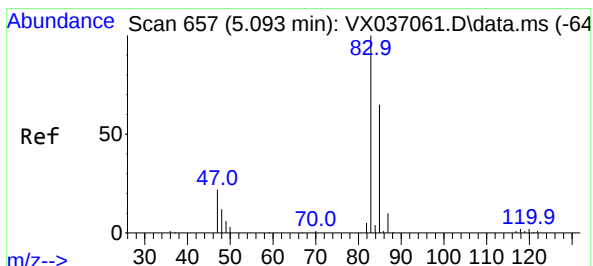
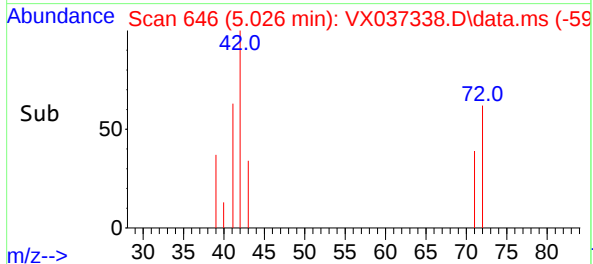
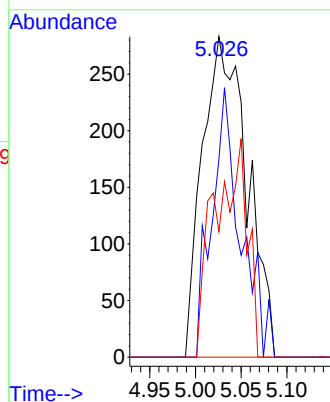
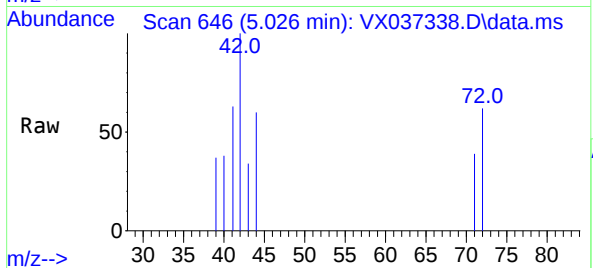


#29
Tetrahydrofuran
Concen: 1.222 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

Tgt Ion: 42 Resp: 964

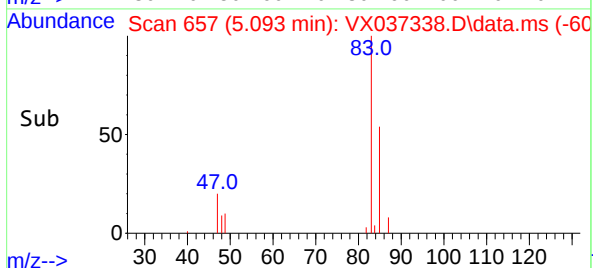
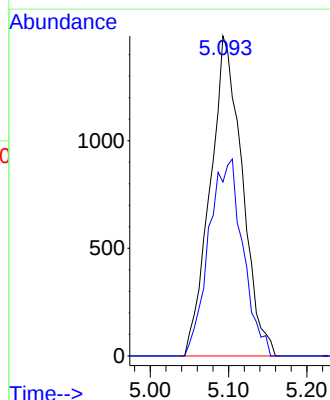
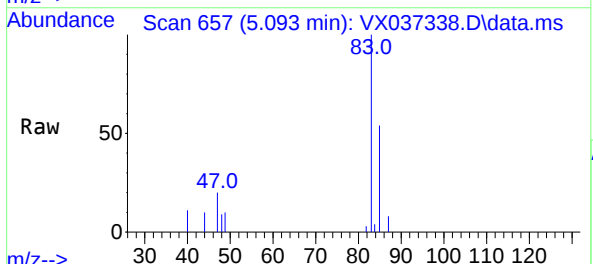
Ion	Ratio	Lower	Upper
42	100		
72	54.6	34.2	51.4#
71	17.8	32.2	48.2#

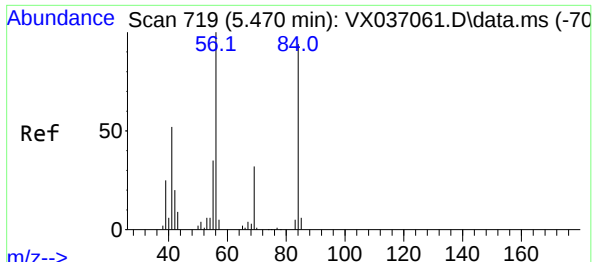


#30
Chloroform
Concen: 1.259 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 83 Resp: 4220

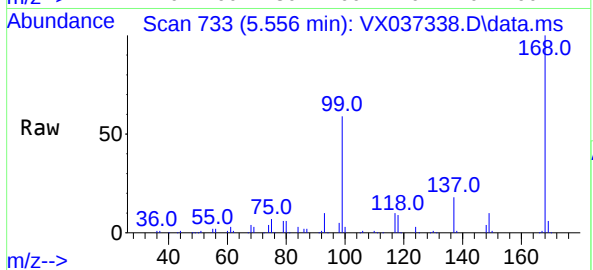
Ion	Ratio	Lower	Upper
83	100		
85	54.3	50.3	75.5



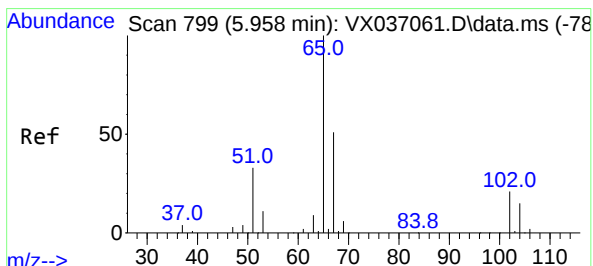
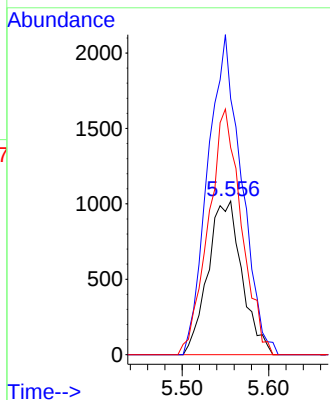
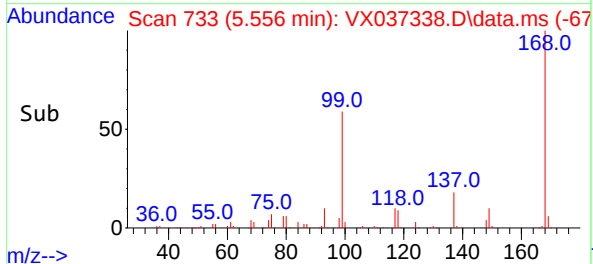


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

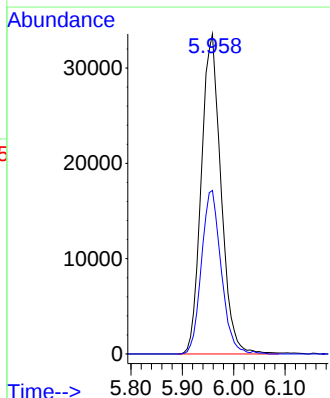
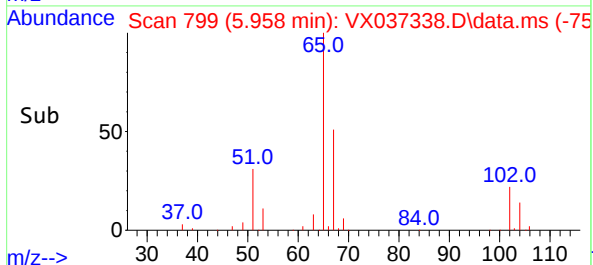
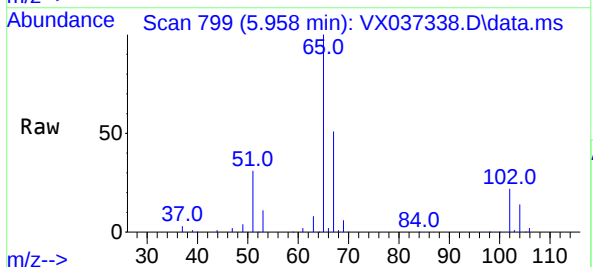


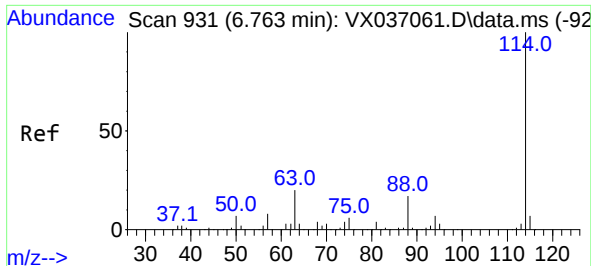
Tgt Ion: 56 Resp: 2783
Ion Ratio Lower Upper
56 100
69 166.8 23.4 35.2#
84 134.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.544 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 65 Resp: 89321
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

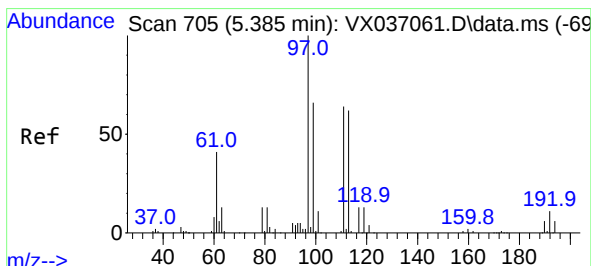
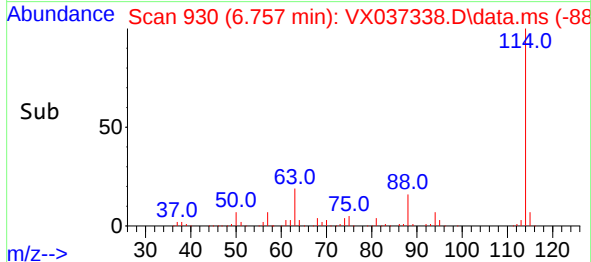
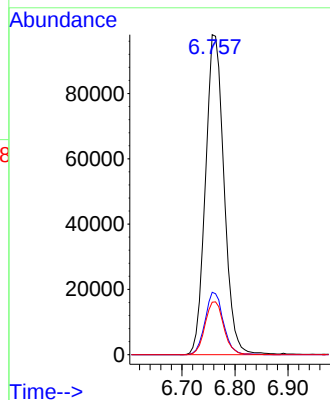
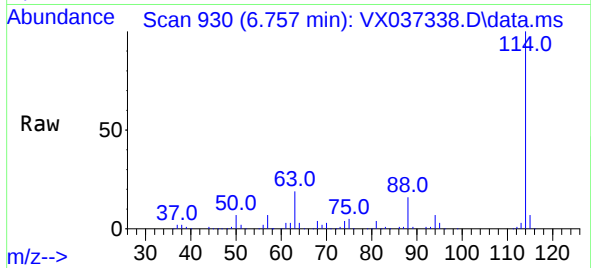




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

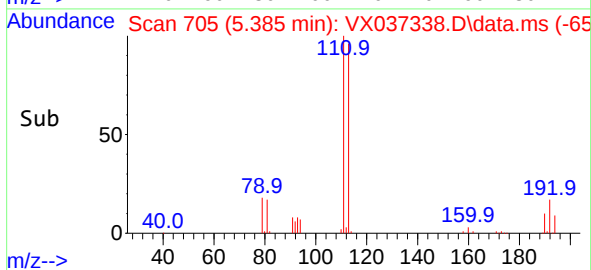
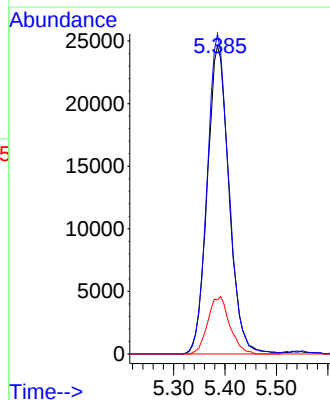
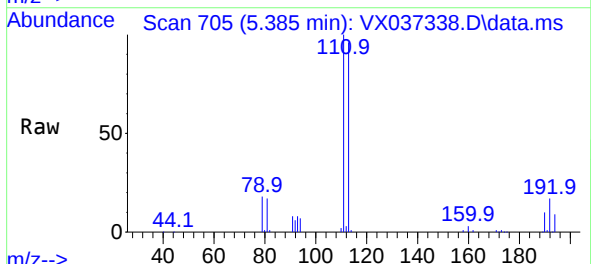
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ClientSampleId :
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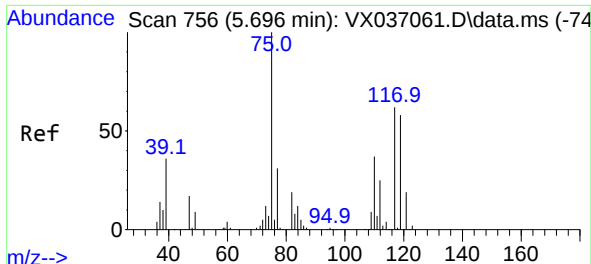
Tgt Ion:114 Resp: 238864
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion:113 Resp: 72316
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.7 13.3 19.9

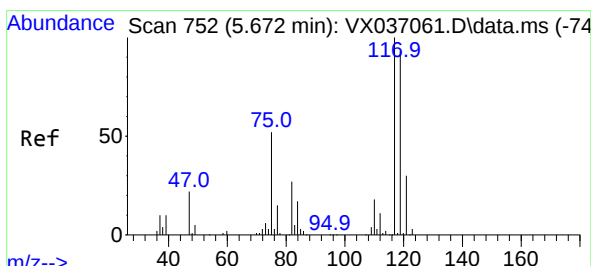
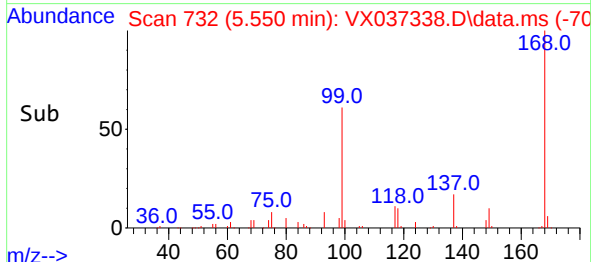
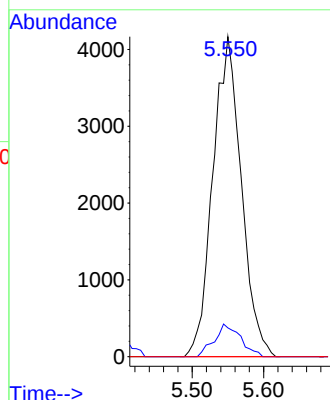
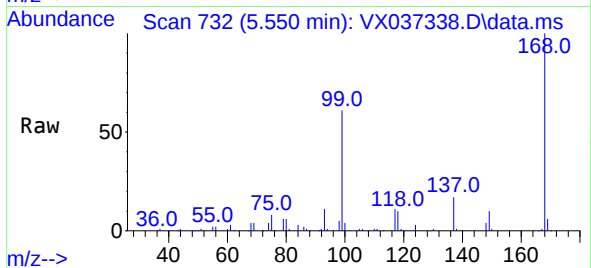




#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

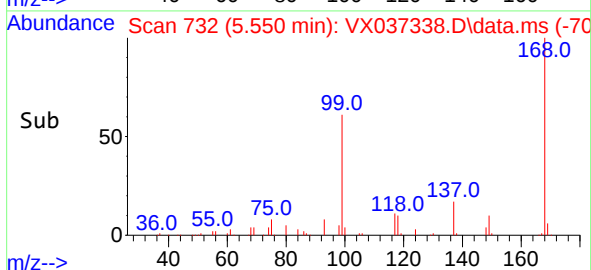
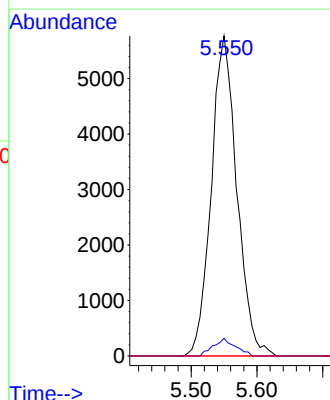
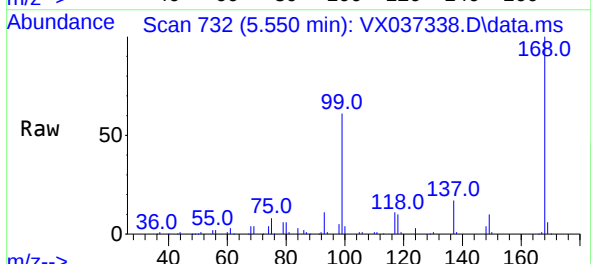
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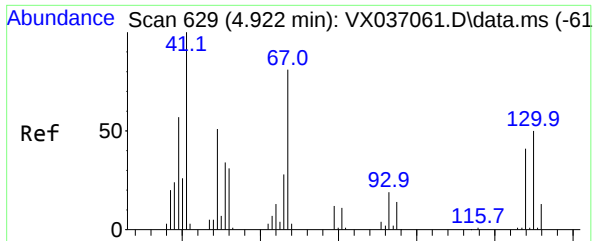
Tgt Ion: 75 Resp: 11517
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.398 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 117 Resp: 15620
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

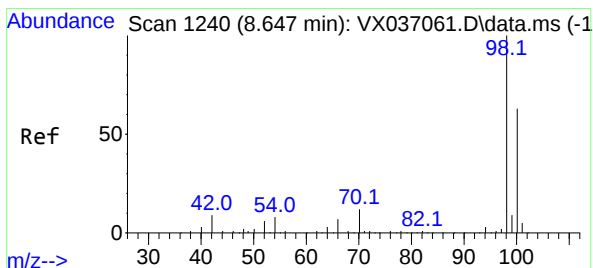
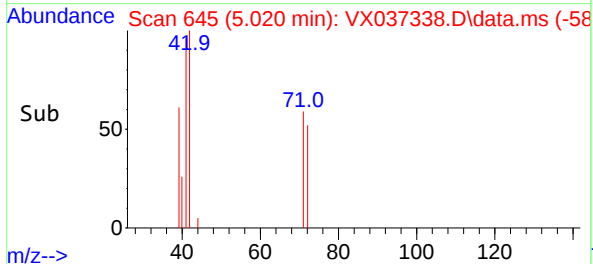
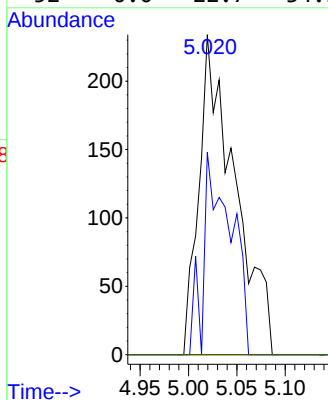
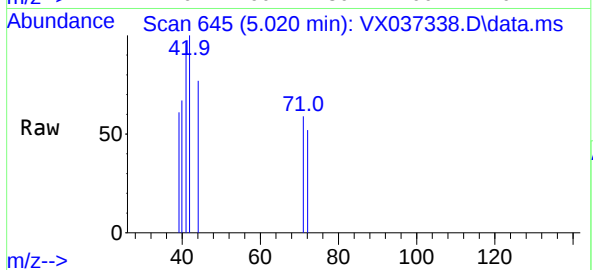




#41
Methacrylonitrile
Concen: 0.504 ug/l
RT: 5.020 min Scan# 645
Delta R.T. 0.098 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

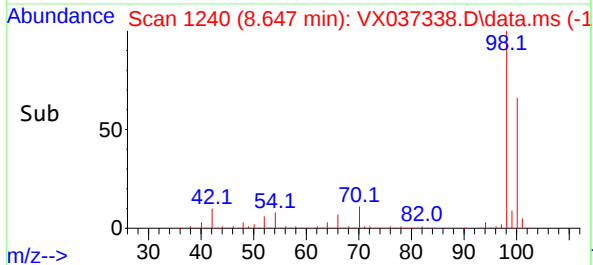
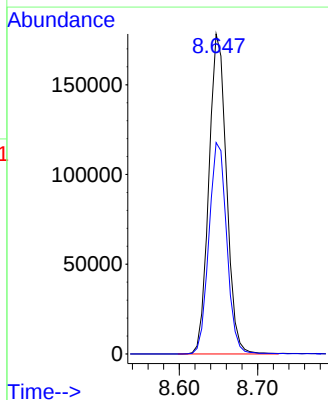
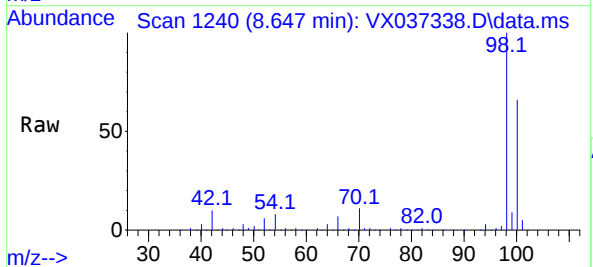
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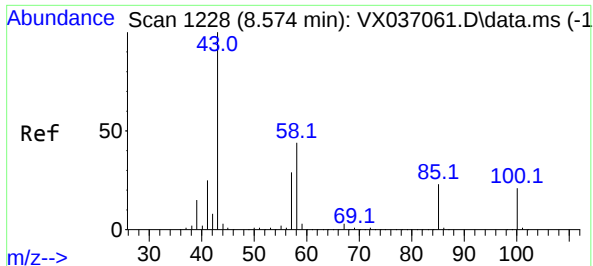
Tgt Ion: 41	Resp: 601
Ion Ratio	Lower Upper
41 100	
39 49.1	45.2 67.8
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#



#50
Toluene-d8
Concen: 48.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 98	Resp: 278333
Ion Ratio	Lower Upper
98 100	
100 66.9	53.1 79.7

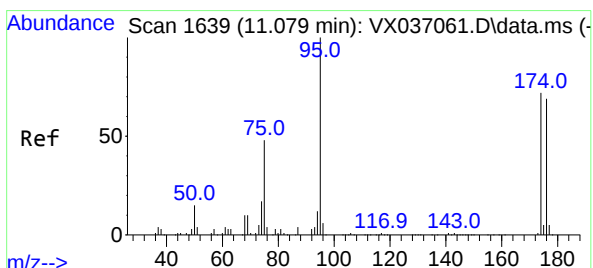
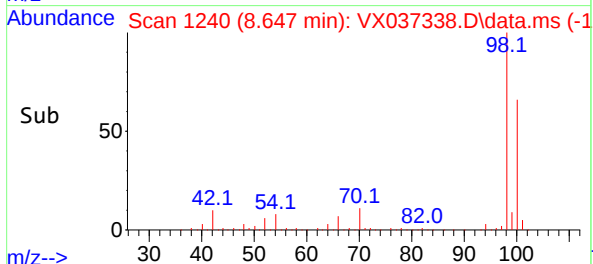
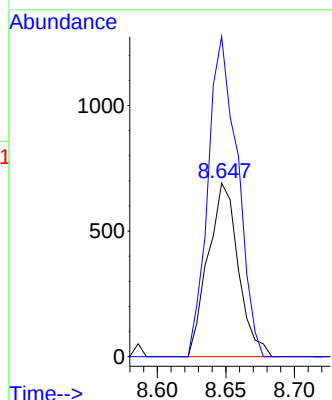
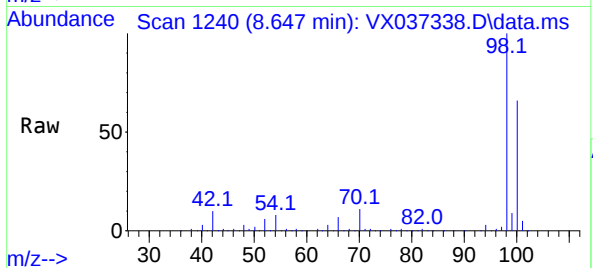




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

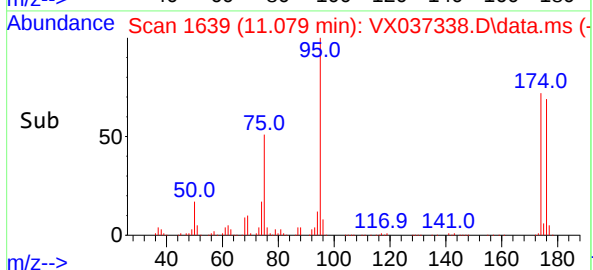
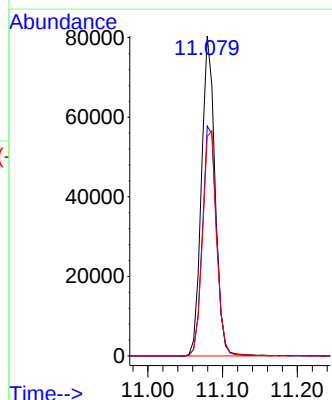
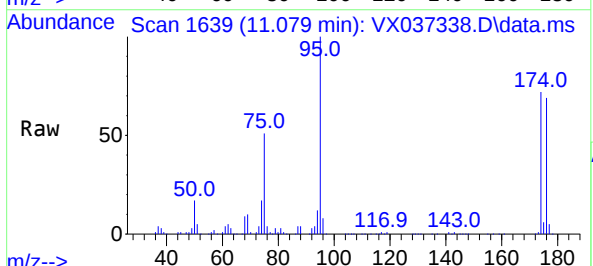
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

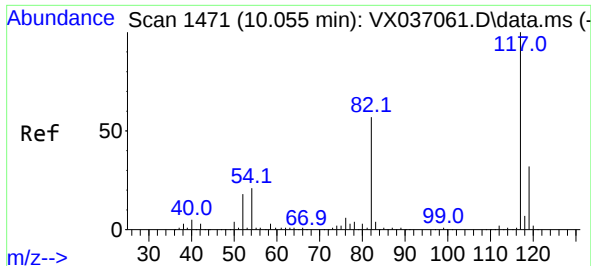
Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 179.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 95 Resp: 101311
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.8 0.0 131.0

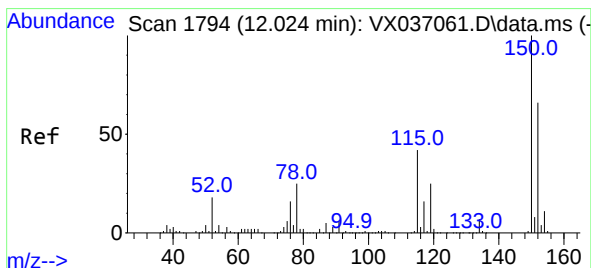
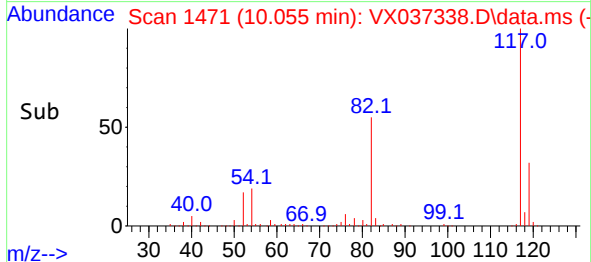
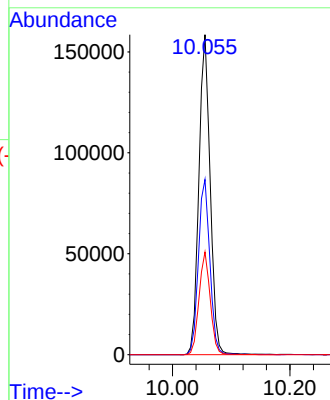
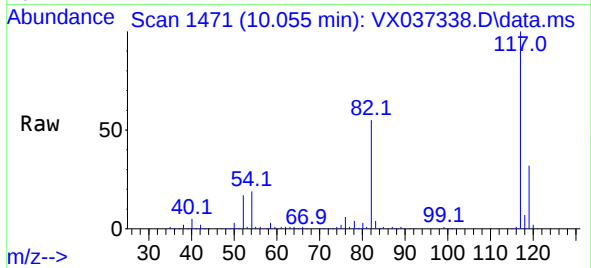




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

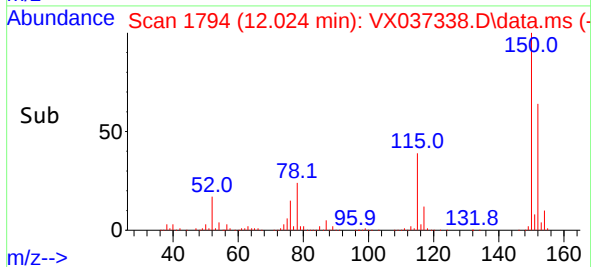
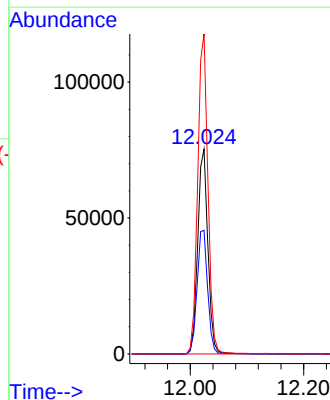
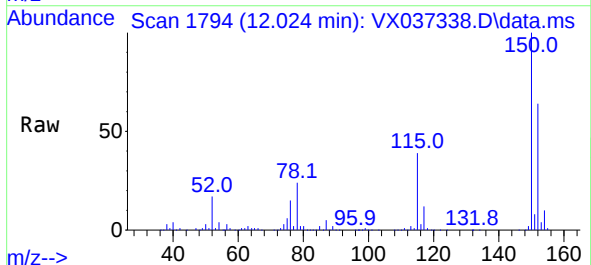
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

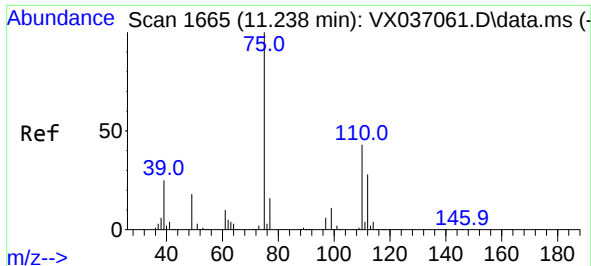
Tgt Ion:117 Resp: 211933
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion:152 Resp: 93953
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.7 0.0 345.0

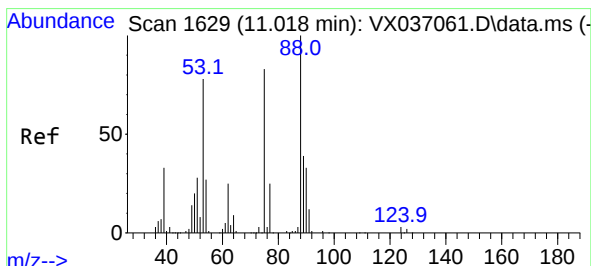
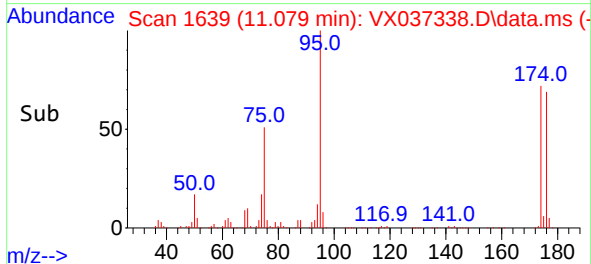
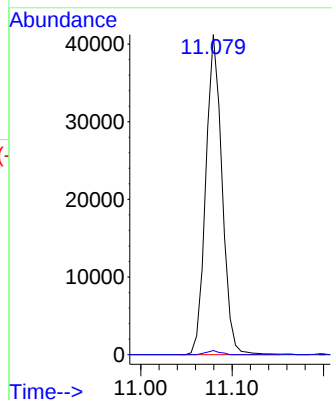
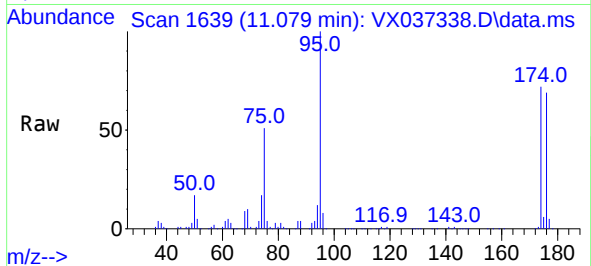




#76
1,2,3-Trichloropropane
Concen: 25.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

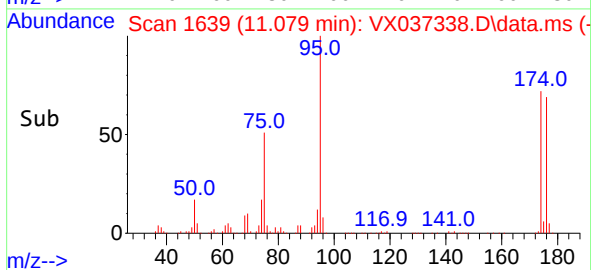
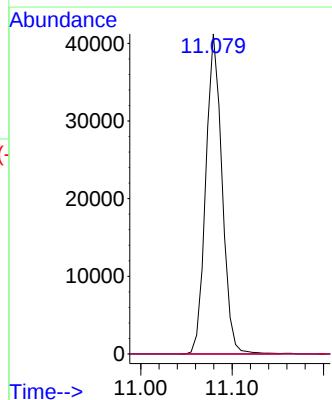
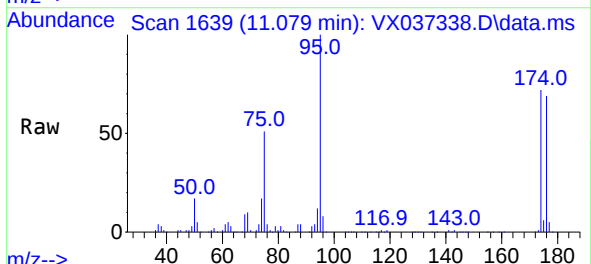
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

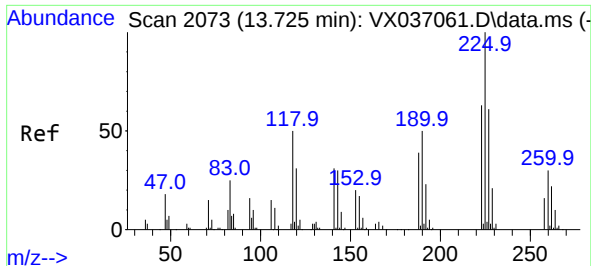
Tgt Ion: 75 Resp: 50741
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

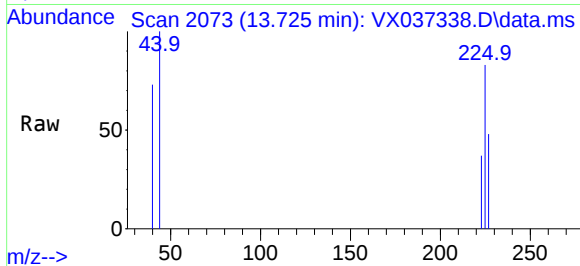
Tgt Ion: 75 Resp: 50741
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.229 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX037338.D
 Acq: 29 Aug 2023 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230822



Tgt Ion:	225	Resp:	158
Ion	Ratio	Lower	Upper
225	100		
223	36.1	31.1	93.2
227	41.8	32.5	97.5

