

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077338.D
 Acq On : 13 Apr 2023 19:06
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 14 07:26:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

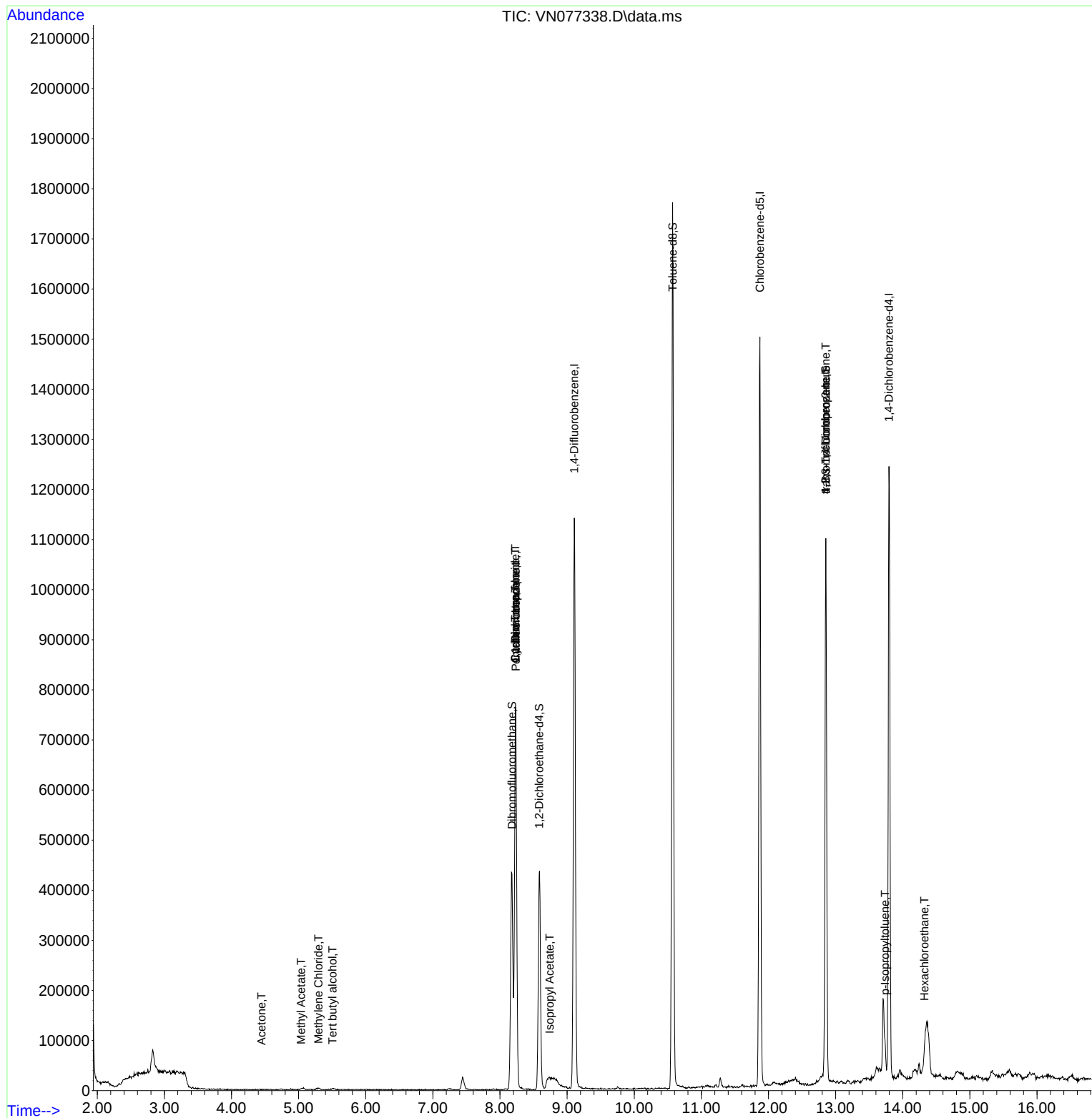
Internal Standards						
1) Pentafluorobenzene	8.236	168	546443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1044071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	898009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	334141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	343726	46.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.040%		
35) Dibromofluoromethane	8.178	113	317220	47.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	10.572	98	1263118	46.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.880%		
62) 4-Bromofluorobenzene	12.854	95	375624	41.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.507	59	1078	0.707	ug/l #	72
16) Acetone	4.448	43	720	0.261	ug/l #	86
18) Methyl Acetate	5.037	43	2409	0.230	ug/l	95
20) Methylene Chloride	5.295	84	1848	0.238	ug/l #	71
31) Cyclohexane	8.231	56	13715	1.182	ug/l #	35
36) 1,1-Dichloropropene	8.231	75	47208	4.776	ug/l #	49
38) Carbon Tetrachloride	8.231	117	59874	5.912	ug/l #	14
43) Isopropyl Acetate	8.742	43	26058	1.597	ug/l #	53
76) 1,2,3-Trichloropropane	12.854	75	201442	25.317	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	201442	56.972	ug/l #	13
86) p-Isopropyltoluene	13.736	119	37463	1.482	ug/l #	74
90) Hexachloroethane	14.324	117	1939	0.351	ug/l #	21

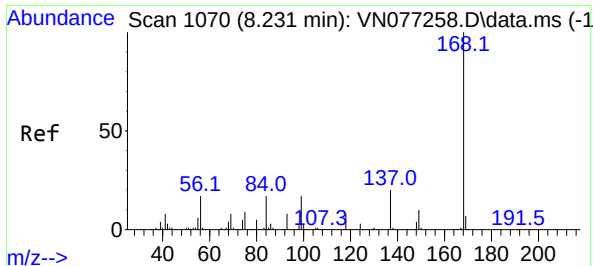
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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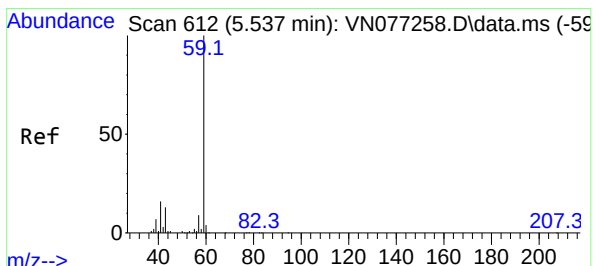
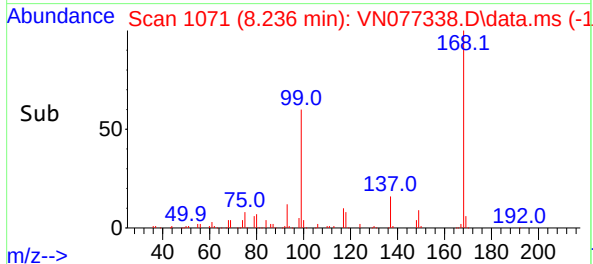
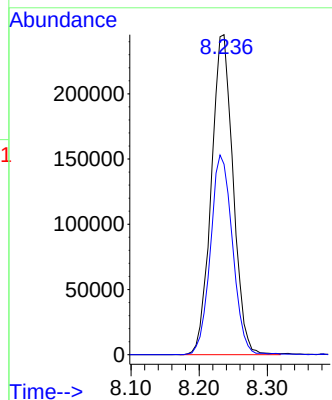
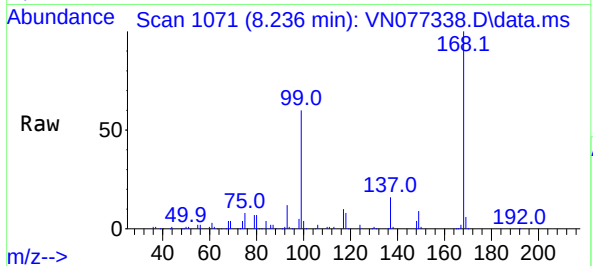




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

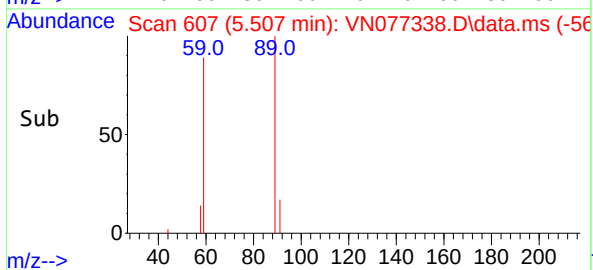
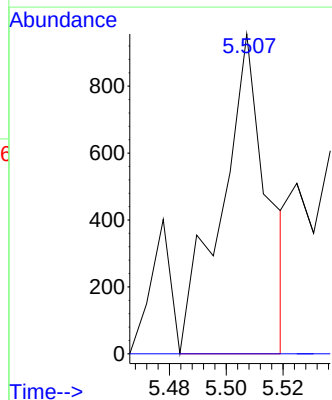
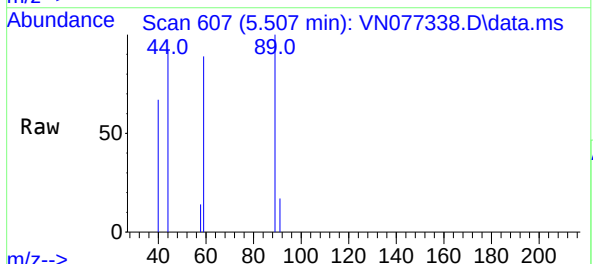
Instrument :
MSVOA_N
ClientSampleId :
IBLK

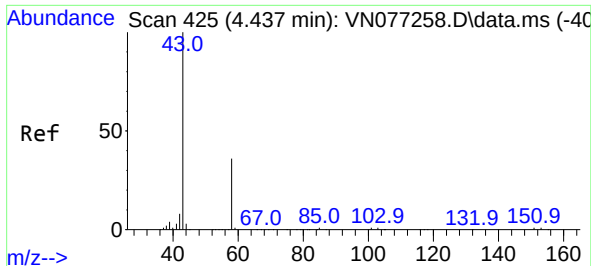
Tgt Ion:168 Resp: 546443
Ion Ratio Lower Upper
168 100
99 59.5 50.6 75.8



#11
Tert butyl alcohol
Concen: 0.707 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 59 Resp: 1078
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

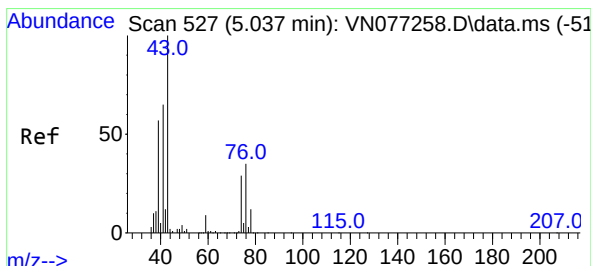
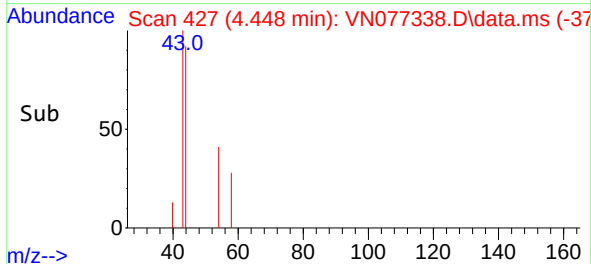
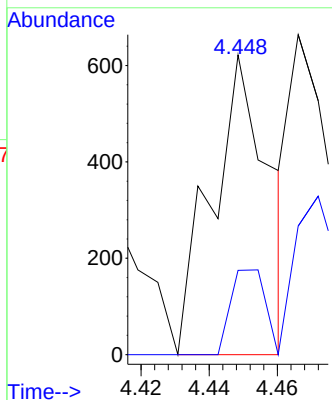
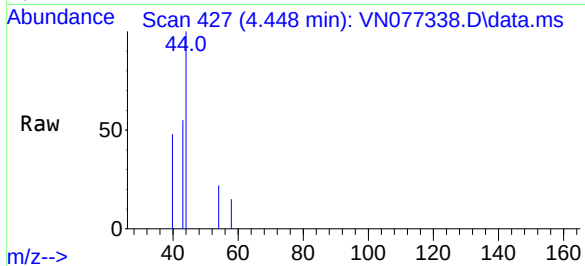




#16
Acetone
Concen: 0.261 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

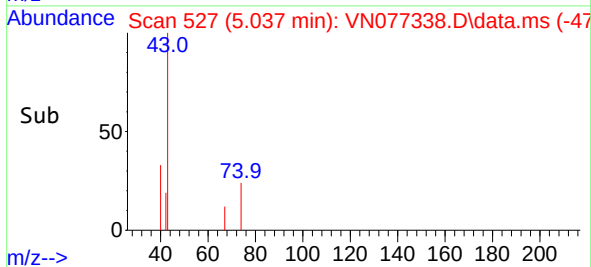
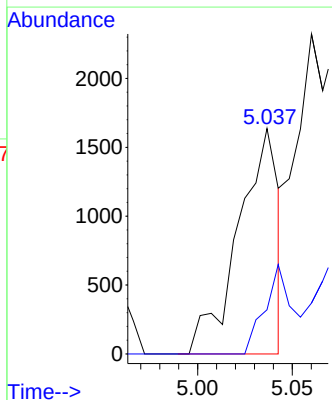
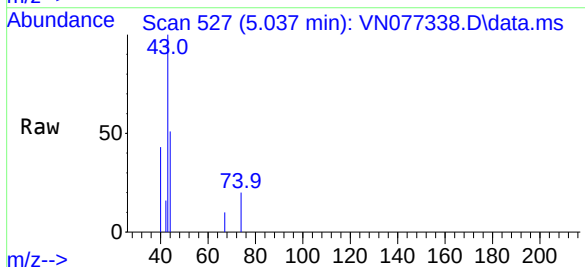
Instrument :
MSVOA_N
ClientSampleId :
IBLK

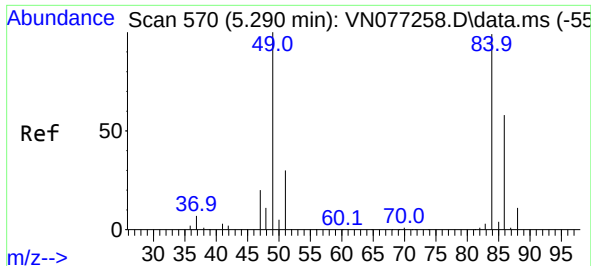
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 28.1 29.0 43.6#



#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

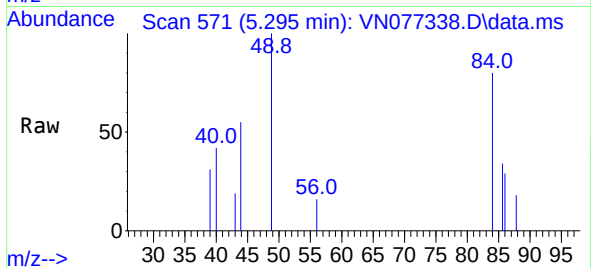
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
74 26.9 23.4 35.2





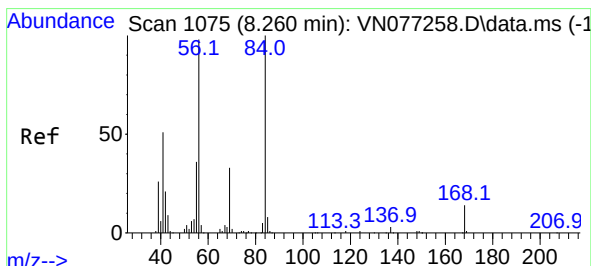
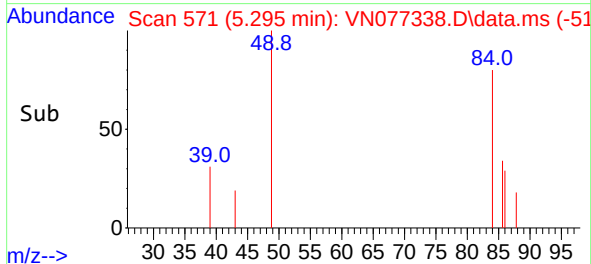
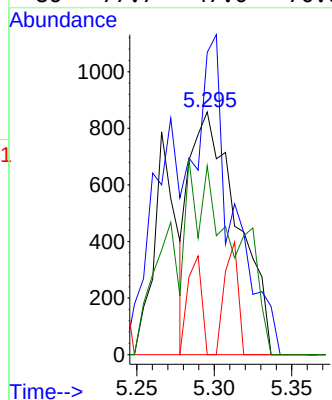
#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 1848

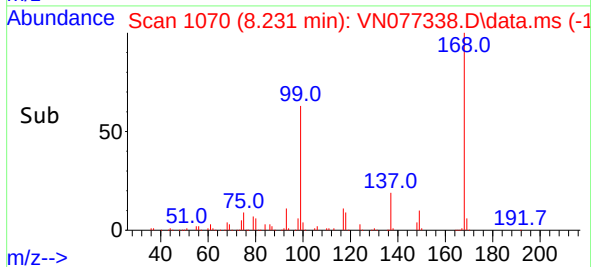
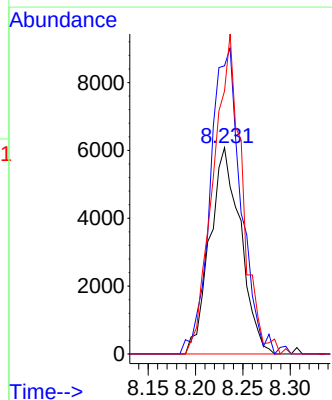
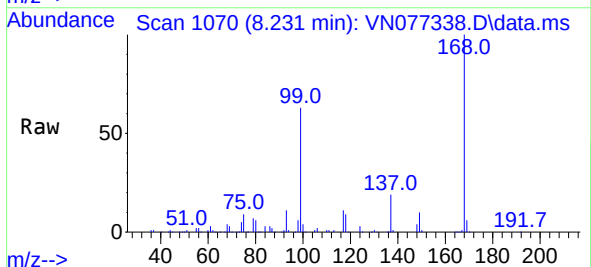
Ion	Ratio	Lower	Upper
84	100		
49	124.5	80.6	121.0#
51	0.0	24.4	36.6#
86	77.7	47.0	70.6#

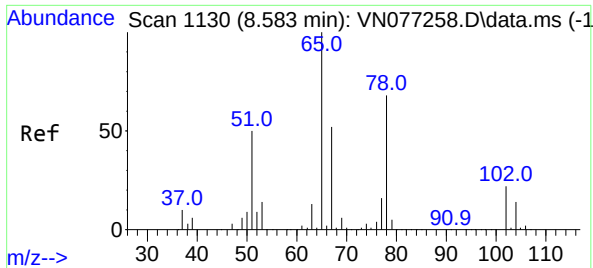


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 56 Resp: 13715

Ion	Ratio	Lower	Upper
56	100		
69	139.7	26.6	40.0#
84	127.4	81.8	122.8#

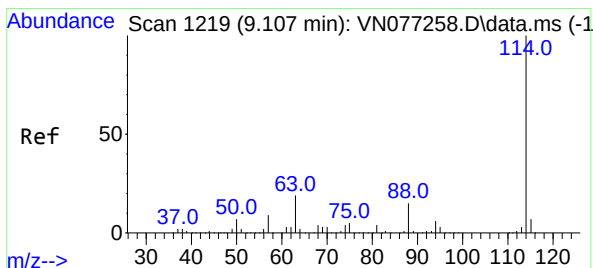
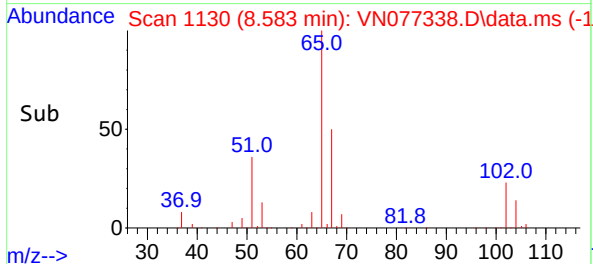
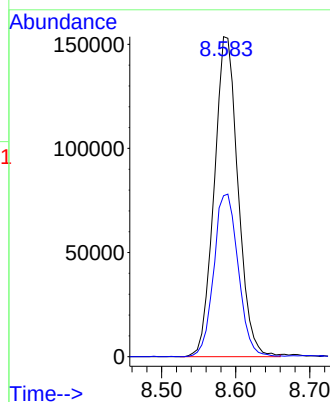
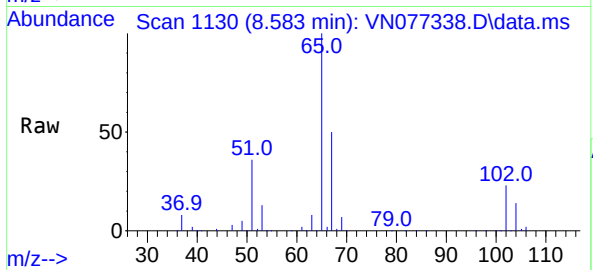




#33
 1,2-Dichloroethane-d4
 Concen: 46.024 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077338.D
 Acq: 13 Apr 2023 19:06

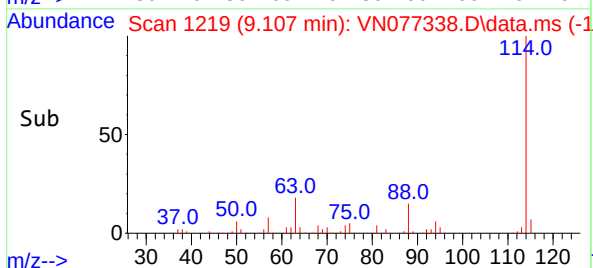
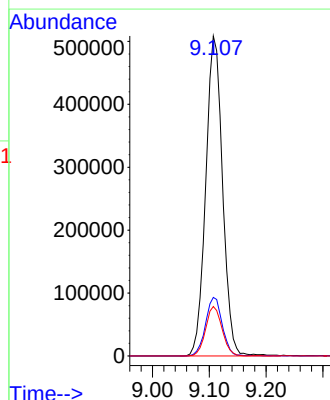
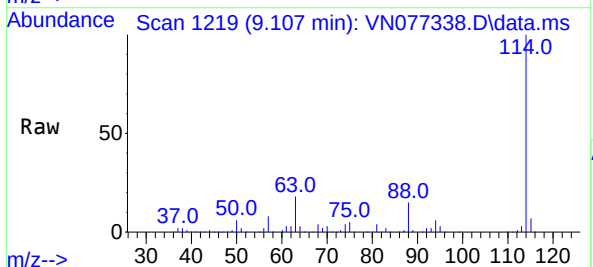
Instrument :
 MSVOA_N
 ClientSampleId :
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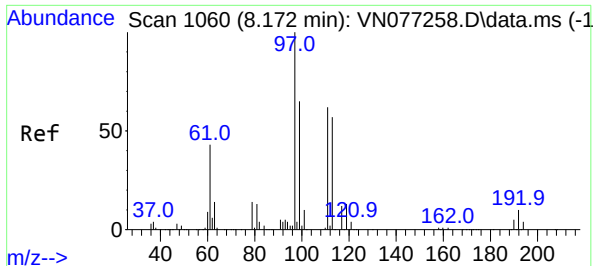
Tgt Ion: 65 Resp: 343726
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077338.D
 Acq: 13 Apr 2023 19:06

Tgt Ion: 114 Resp: 1044071
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.8
 88 15.4 0.0 29.4

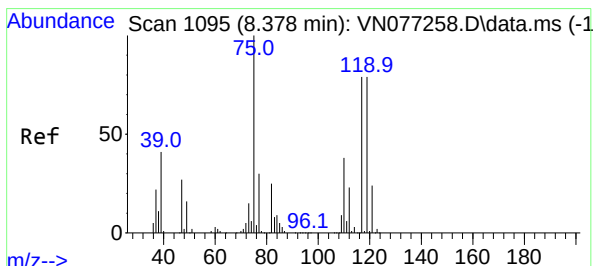
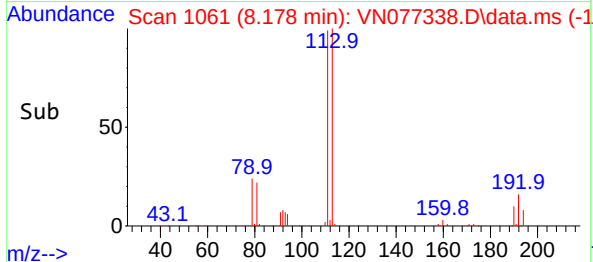
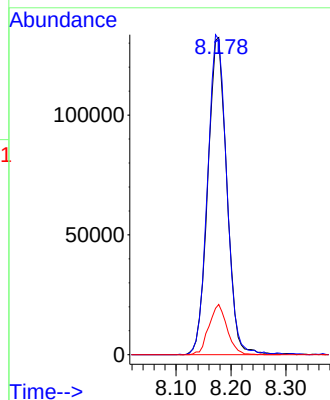
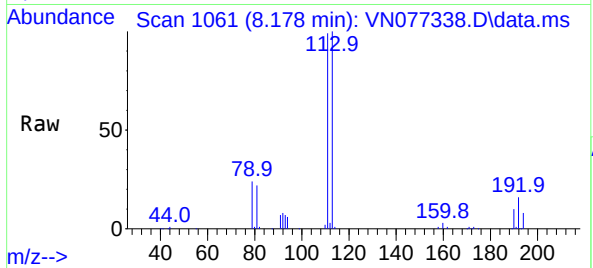




#35
Dibromofluoromethane
Concen: 47.461 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

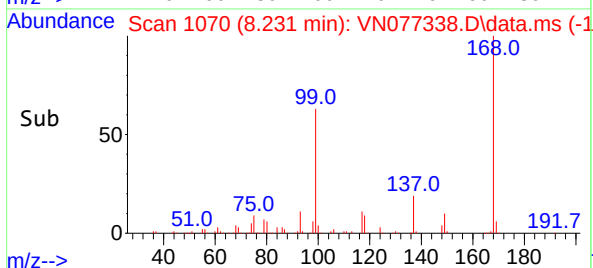
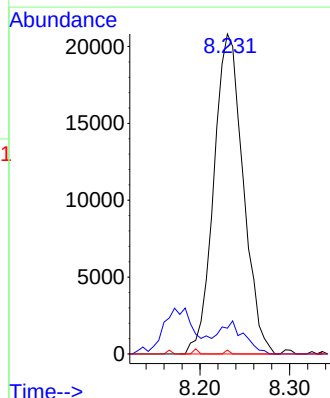
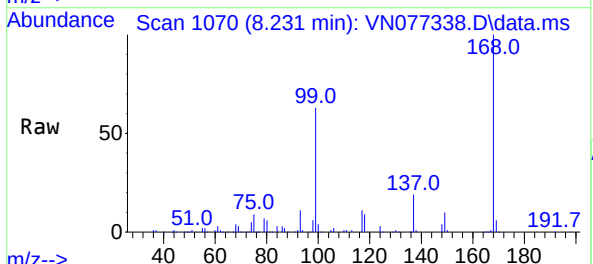
Instrument :
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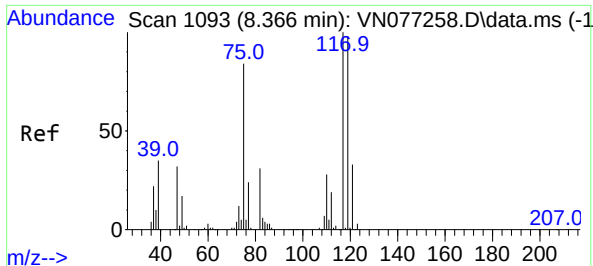
Tgt Ion: 113 Resp: 317220
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 15.2 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 75 Resp: 47208
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.2 25.0 37.4#

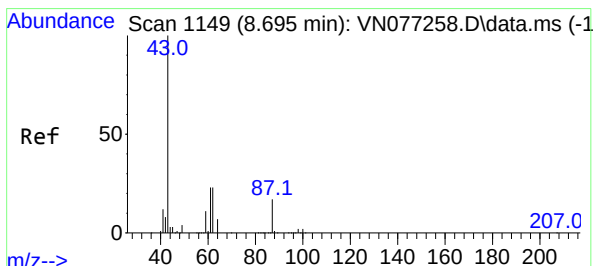
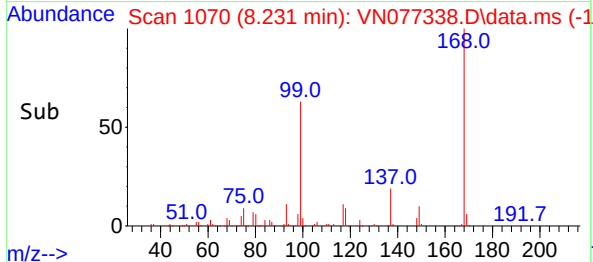
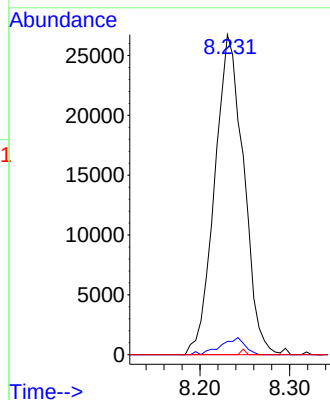
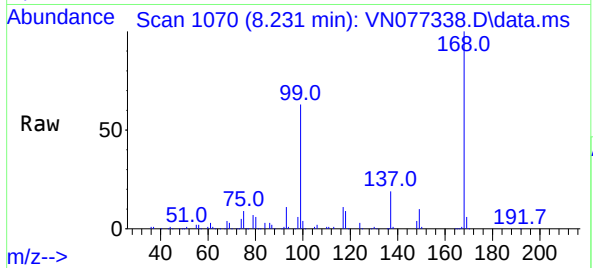




#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 8.231 min Scan# 1157
Delta R.T. -0.135 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

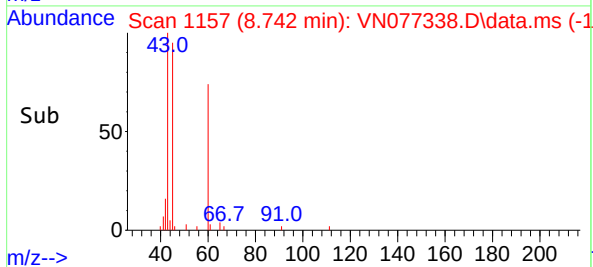
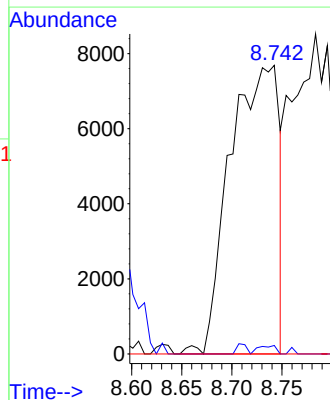
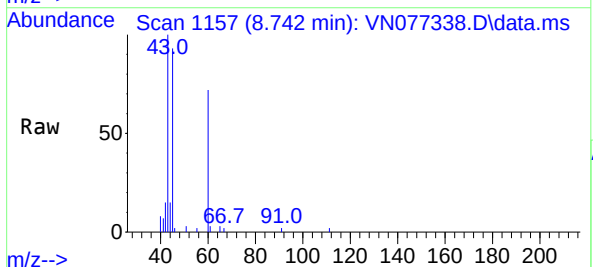
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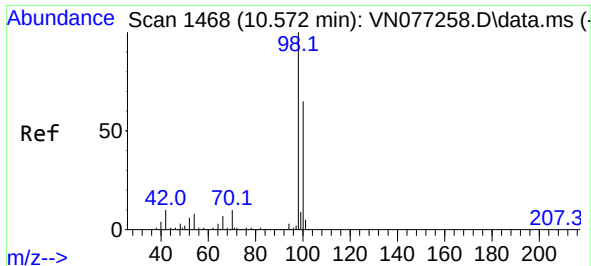
Tgt Ion:117 Resp: 59874
Ion Ratio Lower Upper
117 100
119 4.2 78.5 117.7#
121 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.597 ug/l
RT: 8.742 min Scan# 1157
Delta R.T. 0.047 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 43 Resp: 26058
Ion Ratio Lower Upper
43 100
61 1.0 22.7 34.1#
87 0.0 13.6 20.4#

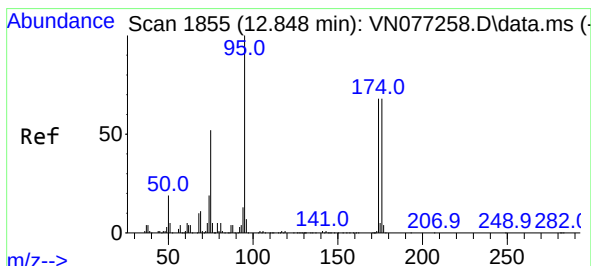
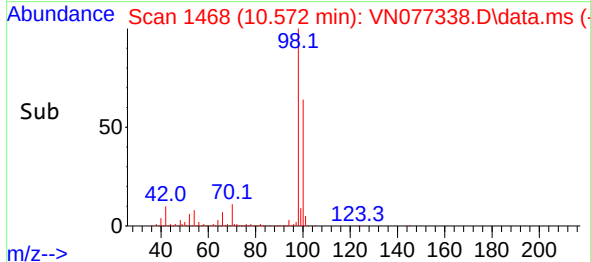
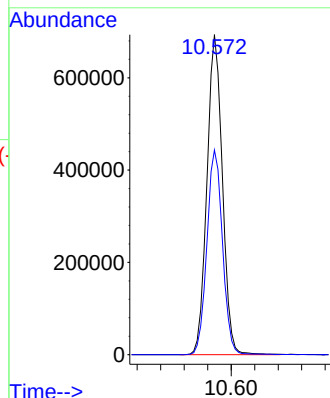
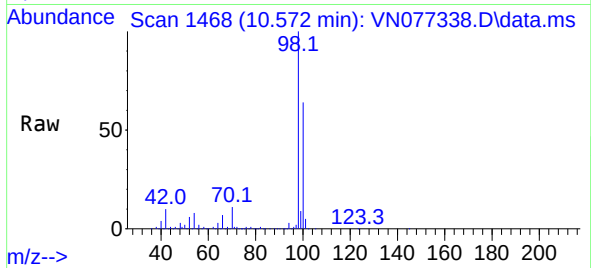




#50
Toluene-d8
Concen: 46.944 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

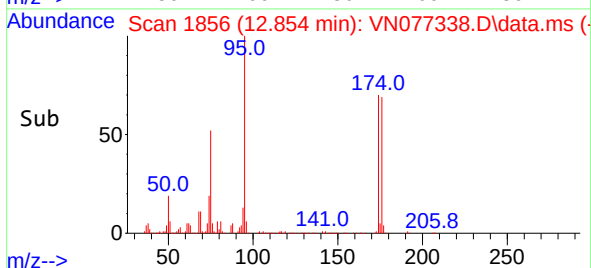
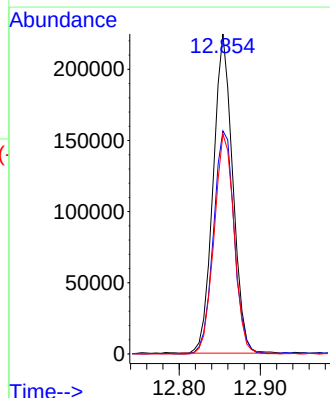
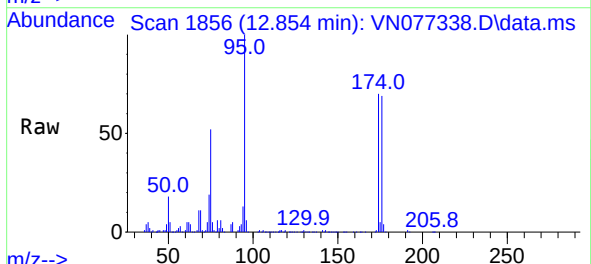
Instrument :
MSVOA_N
ClientSampleId :
IBLK

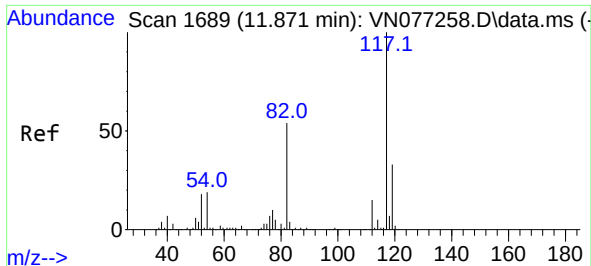
Tgt Ion: 98 Resp: 1263118
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 41.974 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 95 Resp: 375624
Ion Ratio Lower Upper
95 100
174 73.9 0.0 146.8
176 70.6 0.0 139.6

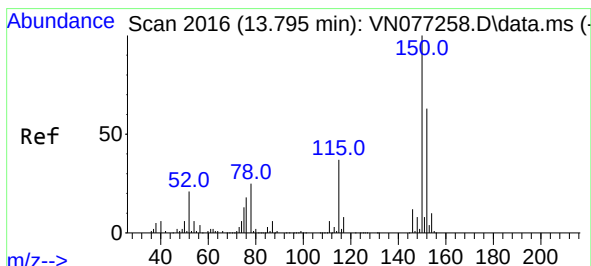
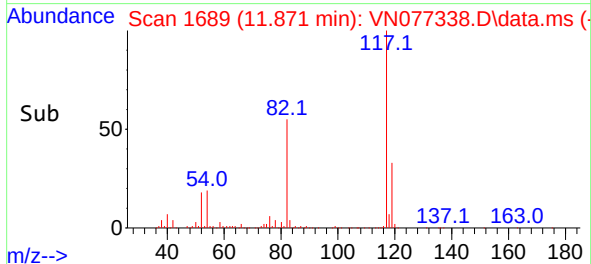
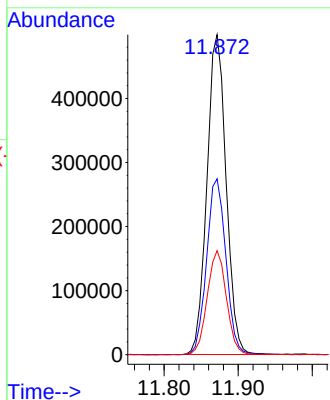
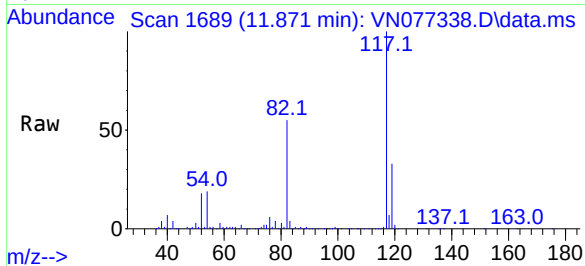




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

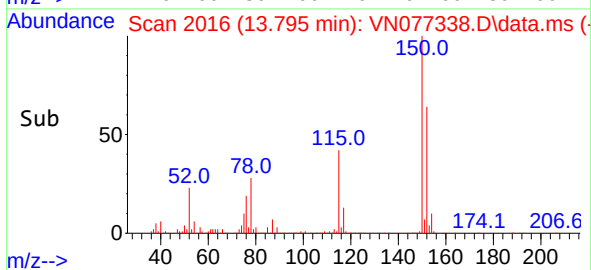
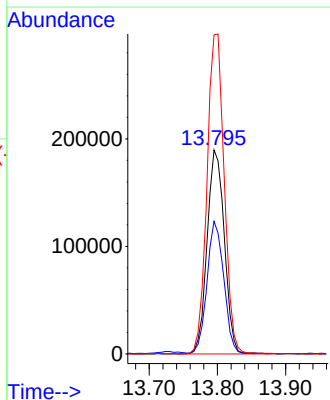
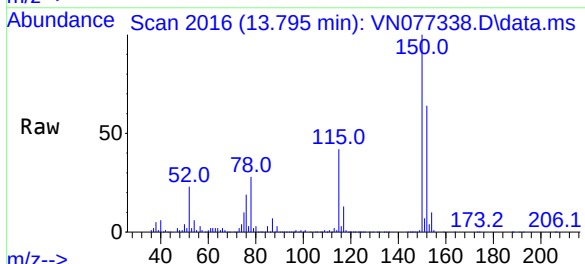
Instrument :
MSVOA_N
ClientSampleId :
IBLK

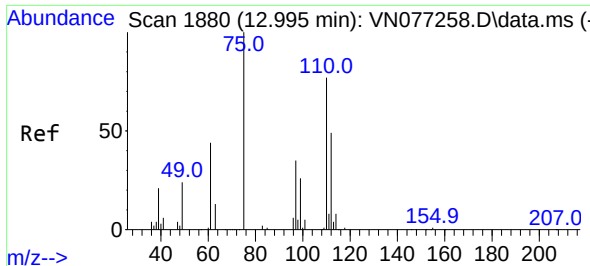
Tgt Ion:117 Resp: 898009
Ion Ratio Lower Upper
117 100
82 55.0 42.9 64.3
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion:152 Resp: 334141
Ion Ratio Lower Upper
152 100
115 63.3 32.1 96.3
150 156.5 0.0 354.8

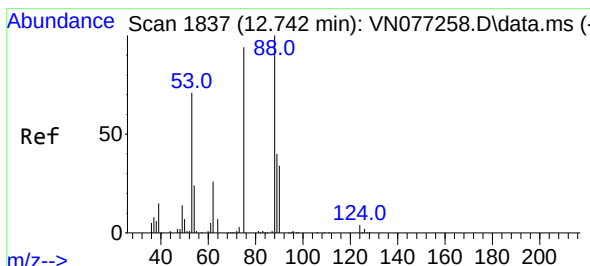
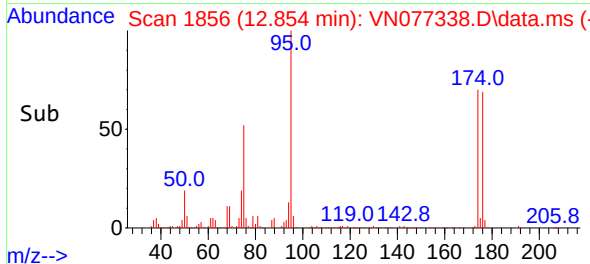
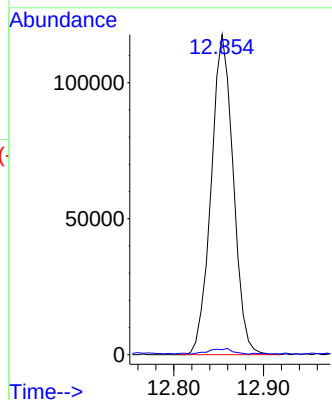
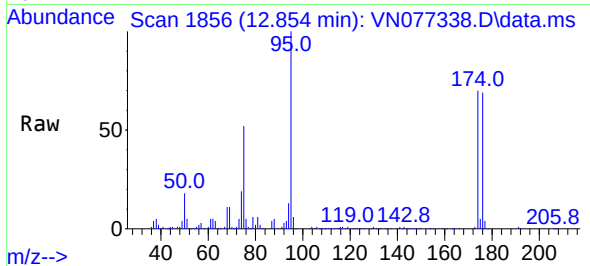




#76
1,2,3-Trichloropropane
Concen: 25.317 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

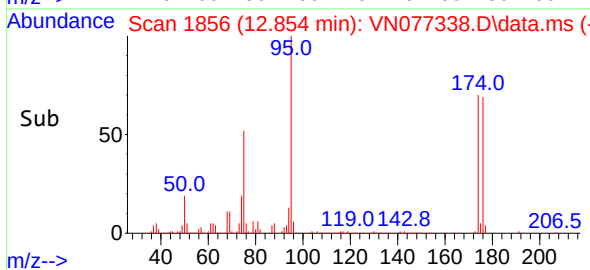
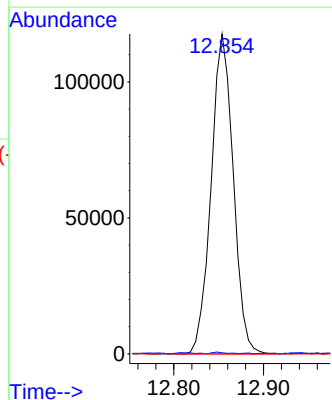
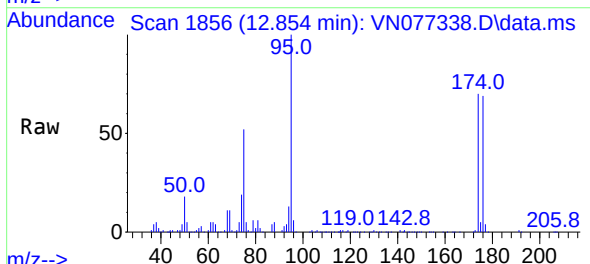
Instrument :
MSVOA_N
ClientSampleId :
IBLK

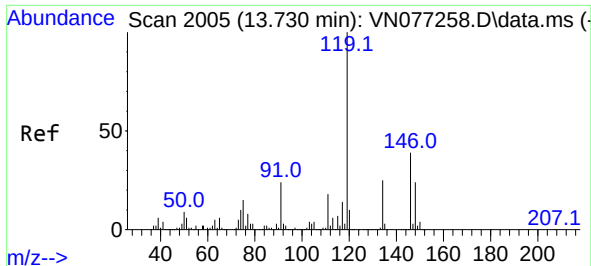
Tgt Ion: 75 Resp: 201442
Ion Ratio Lower Upper
75 100
77 1.9 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.972 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion: 75 Resp: 201442
Ion Ratio Lower Upper
75 100
53 0.4 72.8 109.2#
89 0.0 37.4 56.2#

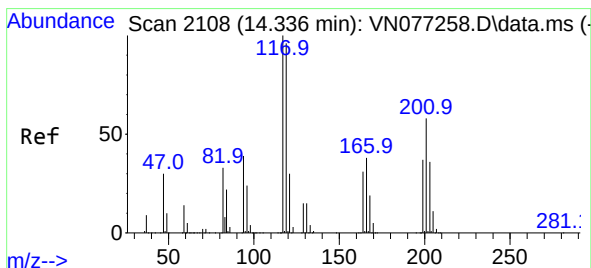
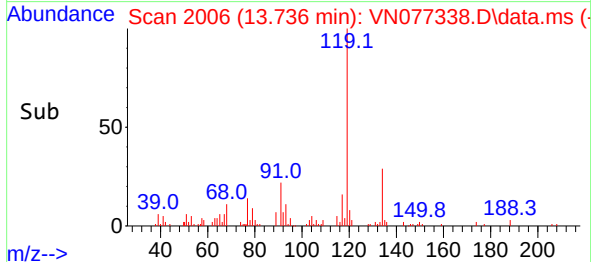
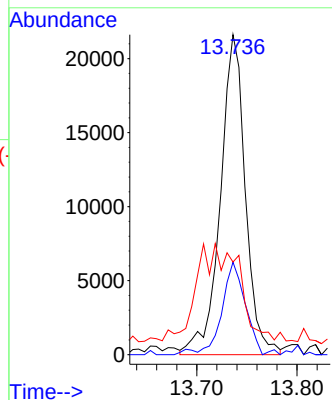
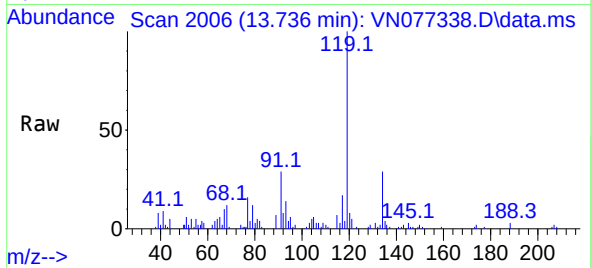




#86
p-Isopropyltoluene
Concen: 1.482 ug/l
RT: 13.736 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 37463
Ion Ratio Lower Upper
119 100
134 27.3 12.9 38.6
91 0.0 12.3 36.8#



#90
Hexachloroethane
Concen: 0.351 ug/l
RT: 14.324 min Scan# 2106
Delta R.T. -0.012 min
Lab File: VN077338.D
Acq: 13 Apr 2023 19:06

Tgt Ion:117 Resp: 1939
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#

