

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077861.D
 Acq On : 24 May 2023 18:43
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 25 01:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

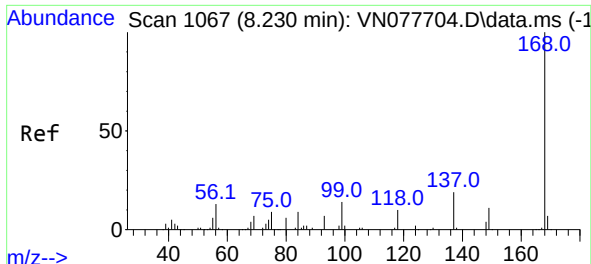
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	393903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	710395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264210	44.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.660%		
35) Dibromofluoromethane	8.171	113	221028	47.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	10.577	98	870053	48.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.859	95	290066	46.062	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1396	Below Cal	#	83
13) Acrolein	4.189	56	82	Below Cal	#	3
16) Acetone	4.436	43	646	0.348	ug/l	95
20) Methylene Chloride	5.295	84	3341	Below Cal	#	65
27) cis-1,2-Dichloroethene	7.494	96	2911	0.522	ug/l	35
31) Cyclohexane	8.236	56	9556	1.193	ug/l	# 26
36) 1,1-Dichloropropene	8.230	75	33133	4.890	ug/l	# 48
38) Carbon Tetrachloride	8.236	117	43207	6.315	ug/l	# 15
43) Isopropyl Acetate	8.765	43	6506	0.660	ug/l	# 49
44) Trichloroethene	9.359	130	32854	6.489	ug/l	98
76) 1,2,3-Trichloropropane	12.859	75	151612	28.837	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.859	75	151612	92.178	ug/l	# 15
86) p-Isopropyltoluene	13.729	119	6872	0.457	ug/l	95
95) Naphthalene	15.659	128	8574	0.597	ug/l	# 70

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

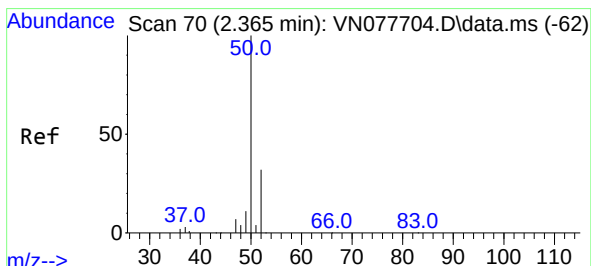
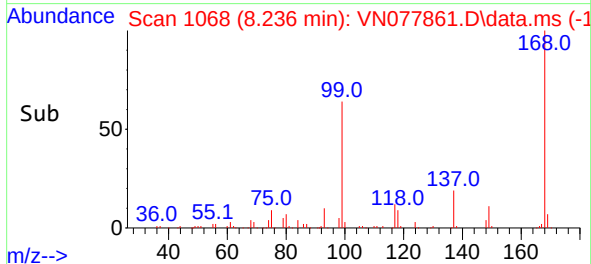
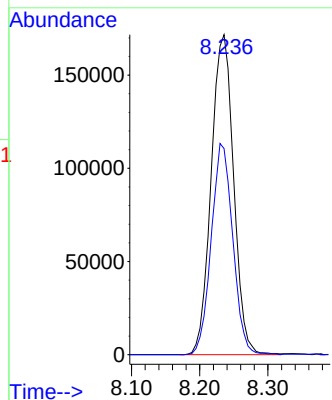
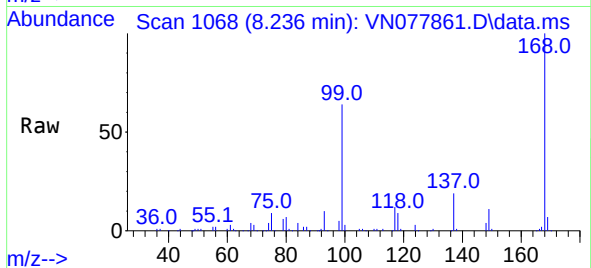




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

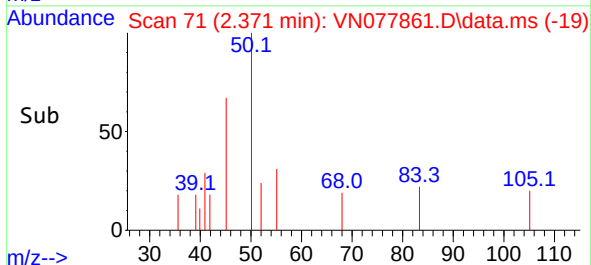
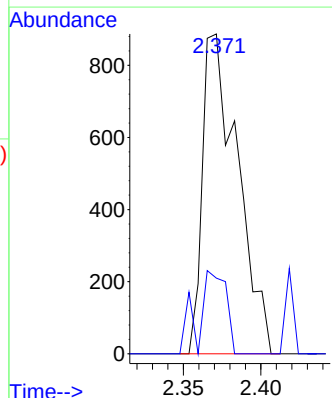
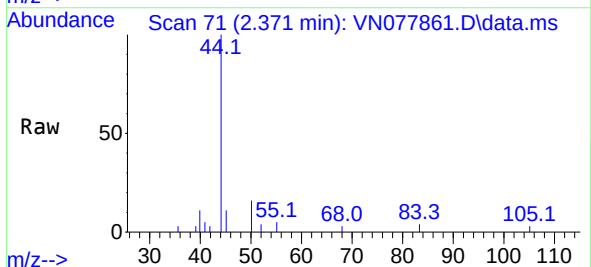
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

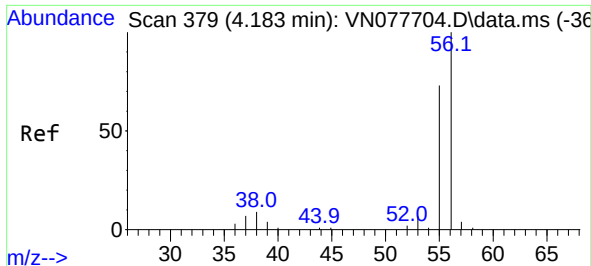
Tgt Ion:168 Resp: 393903
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 50 Resp: 1396
Ion Ratio Lower Upper
50 100
52 23.7 26.5 39.7#

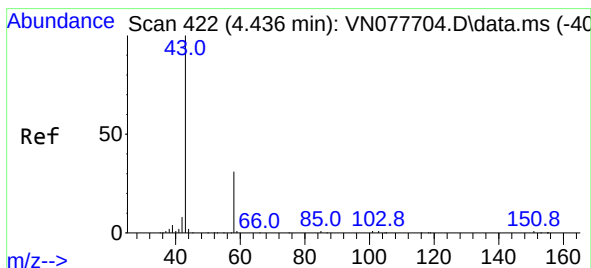
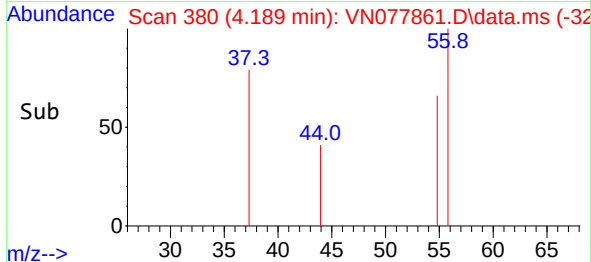
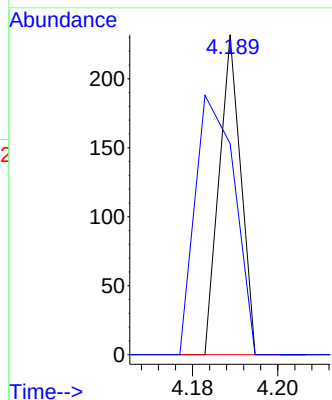
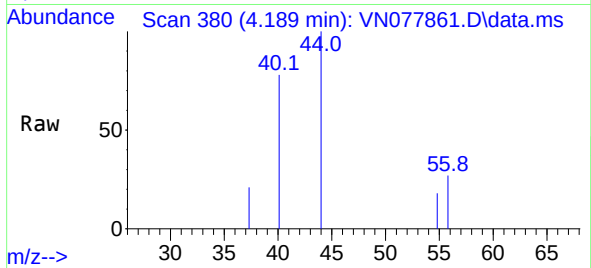




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

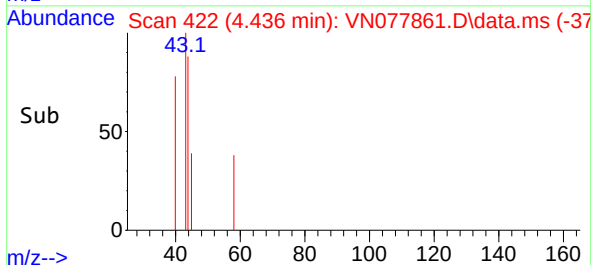
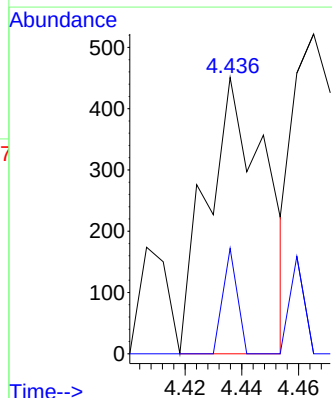
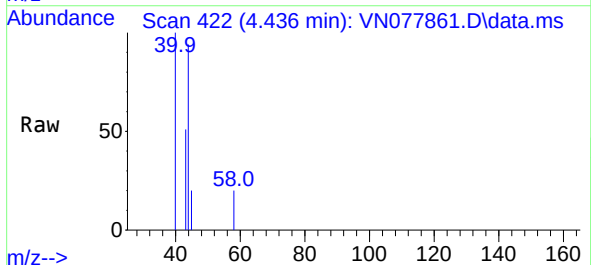
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

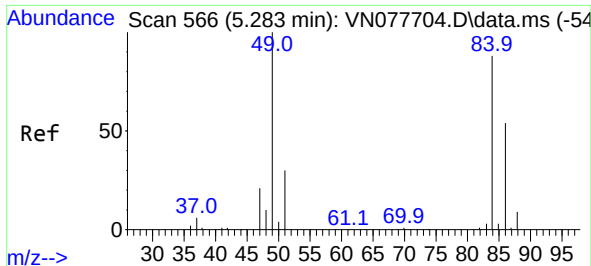
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 146.3 54.5 81.7#



#16
Acetone
Concen: 0.348 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

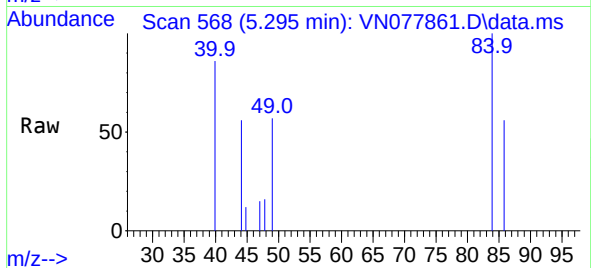
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 38.1 28.0 42.0





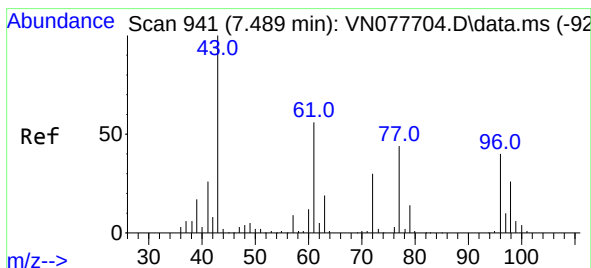
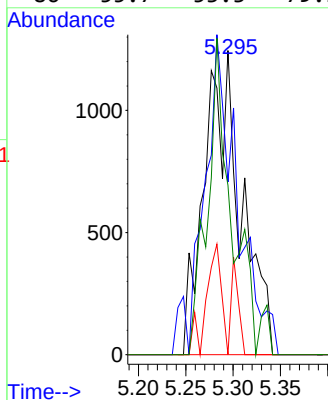
#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 84 Resp: 3341

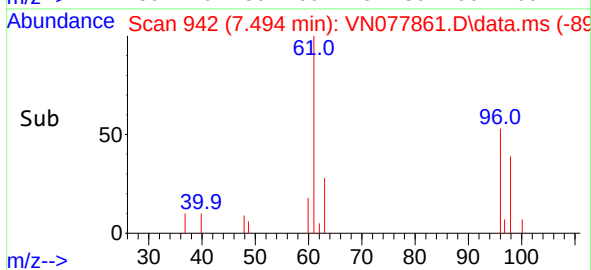
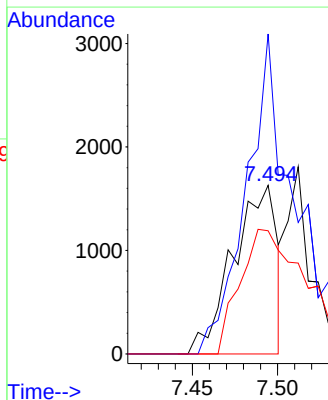
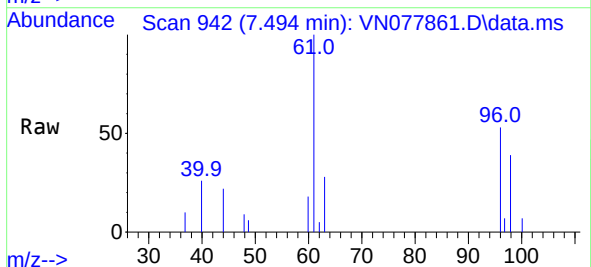
Ion	Ratio	Lower	Upper
84	100		
49	56.8	79.7	119.5#
51	0.0	25.2	37.8#
86	55.7	53.3	79.9

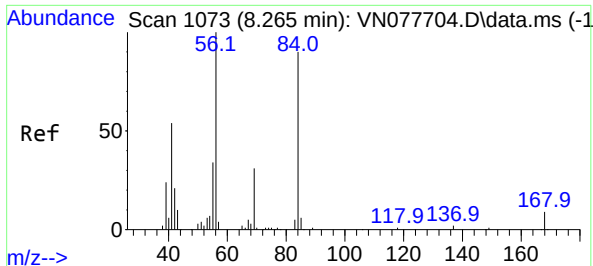


#27
cis-1,2-Dichloroethene
Concen: 0.522 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 96 Resp: 2911

Ion	Ratio	Lower	Upper
96	100		
61	205.7	0.0	255.2
98	110.5	0.0	128.8

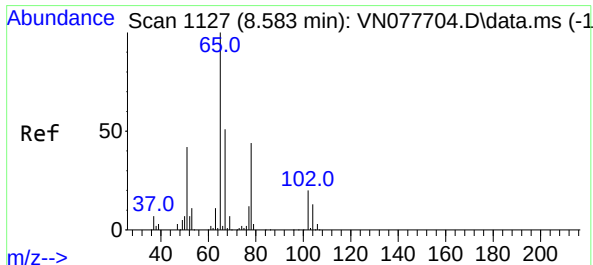
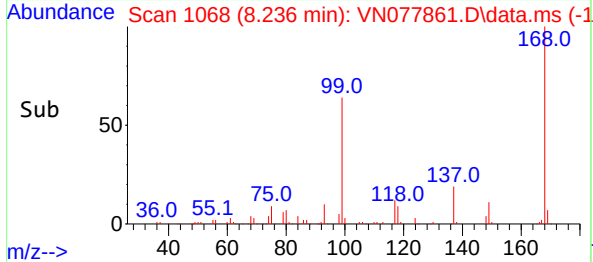
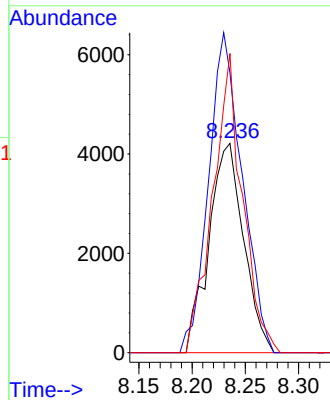
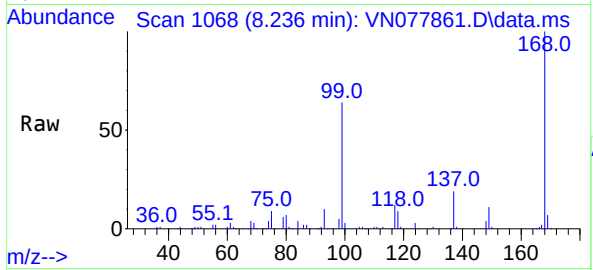




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.029 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

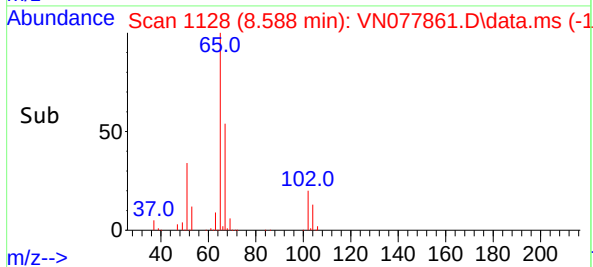
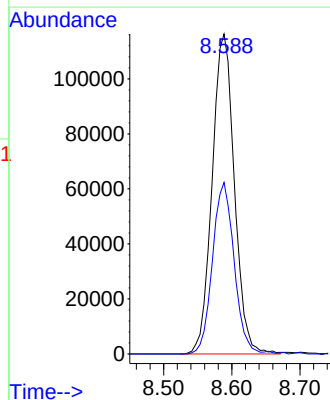
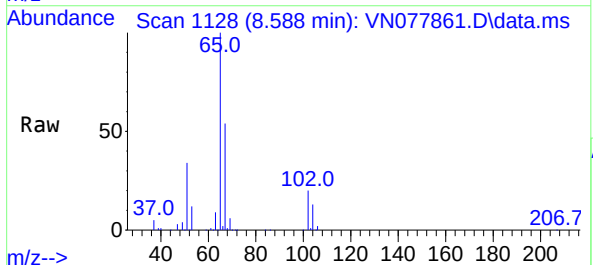
Instrument :
MSVOA_N
ClientSampleId :
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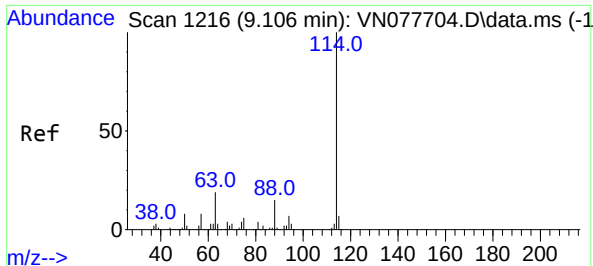
Tgt Ion: 56 Resp: 9556
Ion Ratio Lower Upper
56 100
69 133.7 26.8 40.2#
84 142.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.828 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 65 Resp: 264210
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077861.D

Acq: 24 May 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

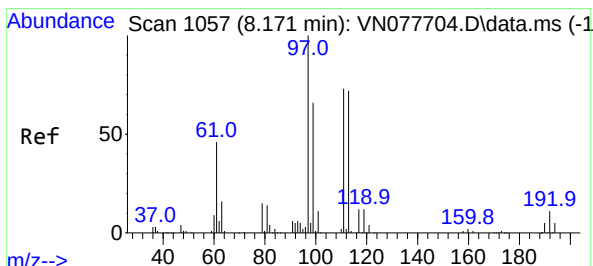
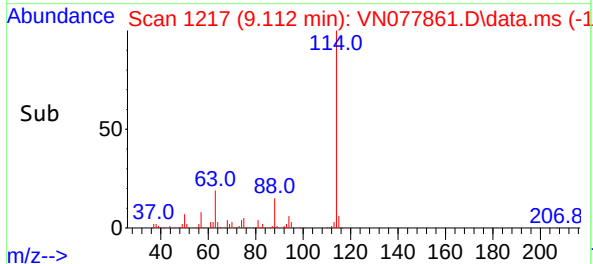
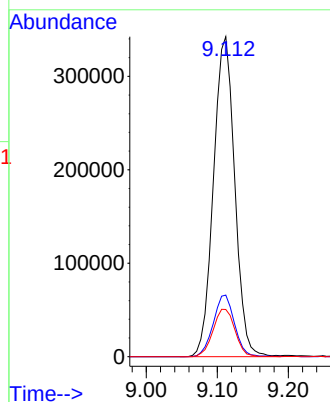
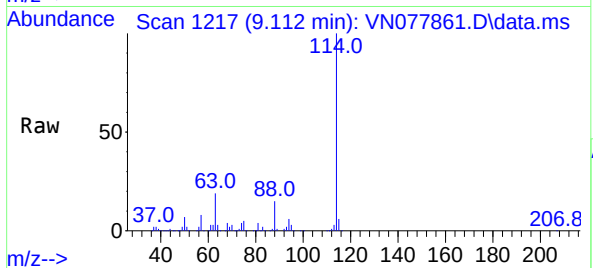
Tgt Ion:114 Resp: 710395

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.713 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077861.D

Acq: 24 May 2023 18:43

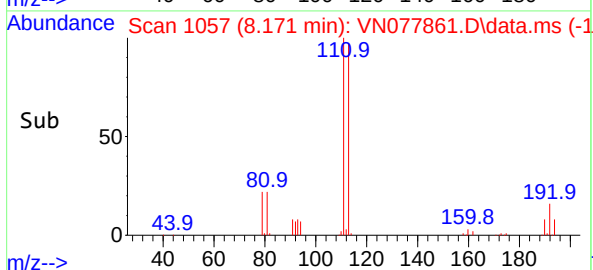
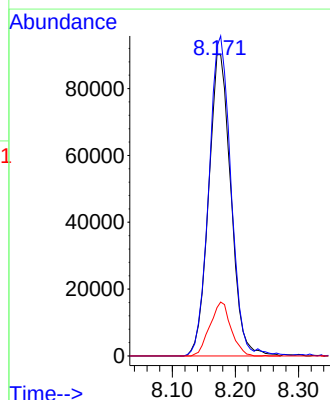
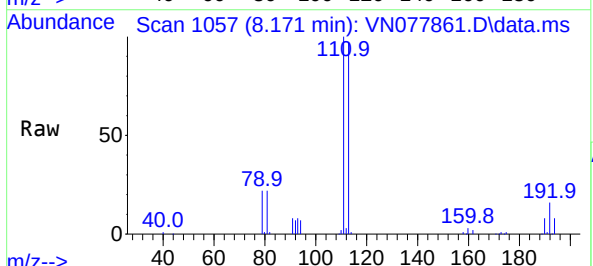
Tgt Ion:113 Resp: 221028

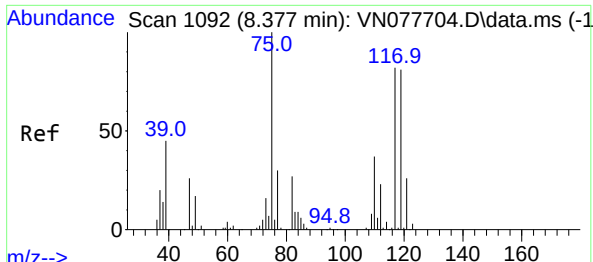
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 16.9 12.7 19.1

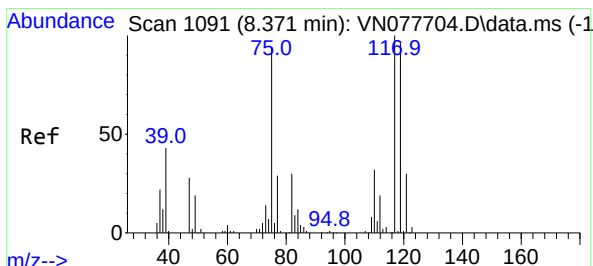
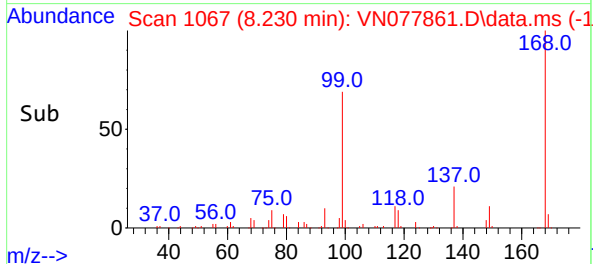
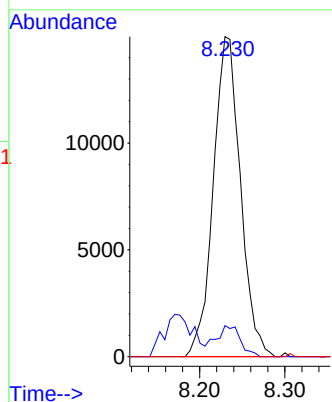
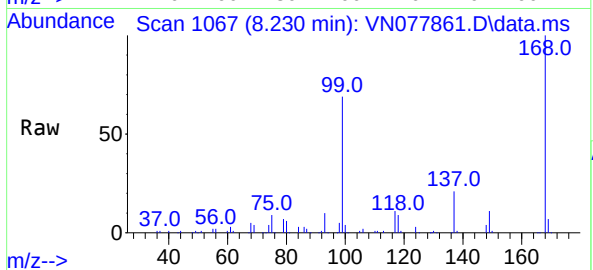




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

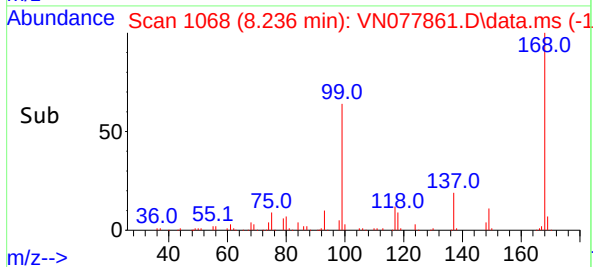
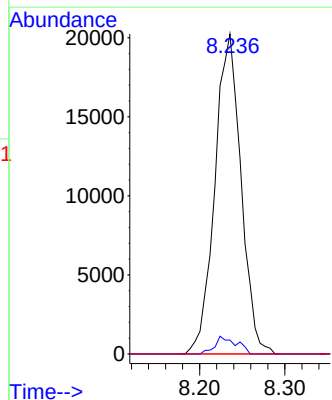
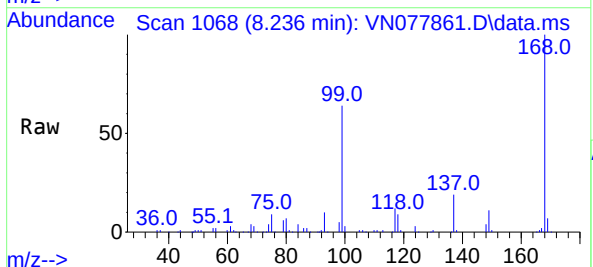
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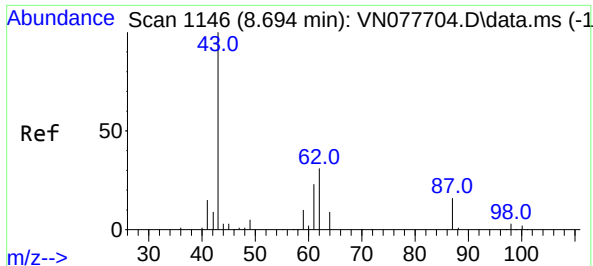
Tgt Ion: 75 Resp: 33133
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 117 Resp: 43207
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#

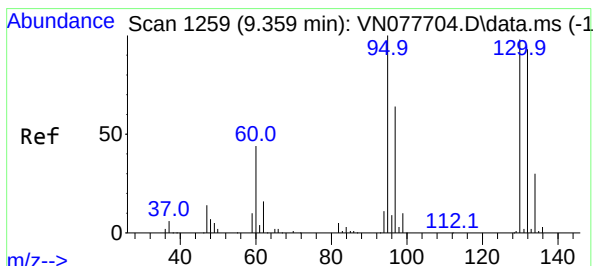
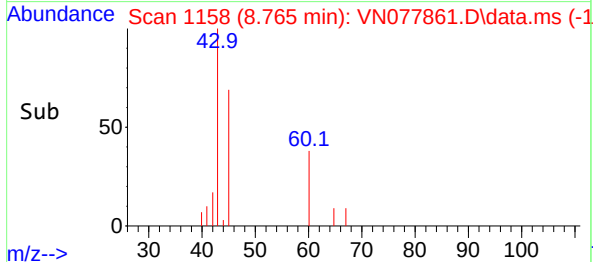
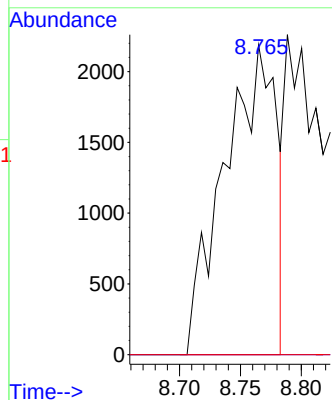
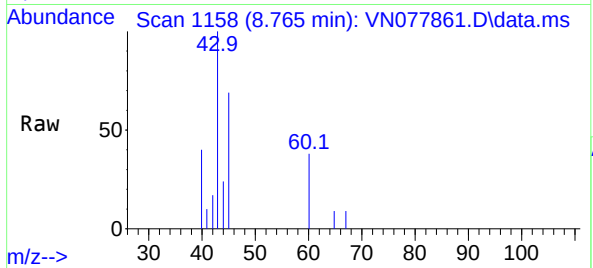




#43
Isopropyl Acetate
Concen: 0.660 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.071 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

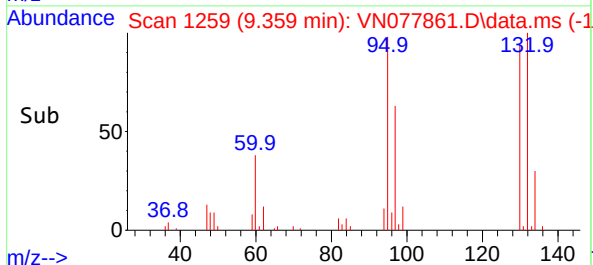
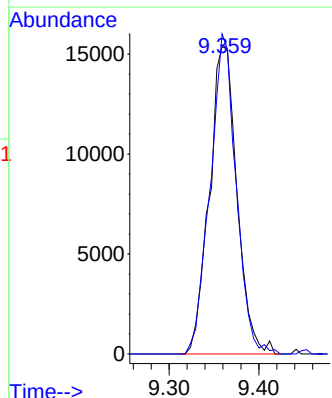
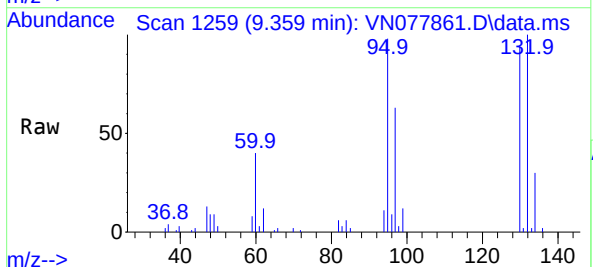
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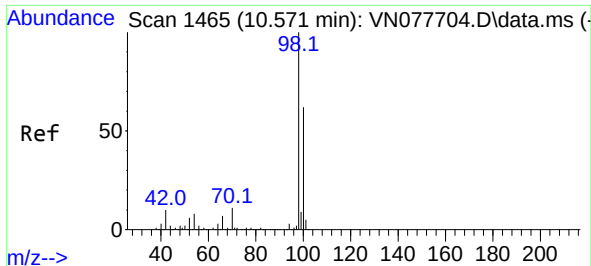
Tgt Ion: 43 Resp: 6506
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 6.489 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 130 Resp: 32854
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.6

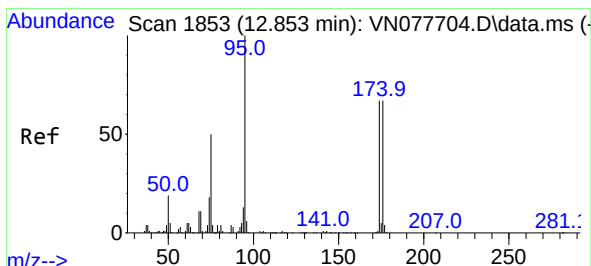
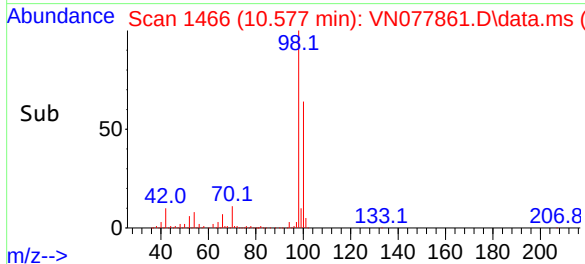
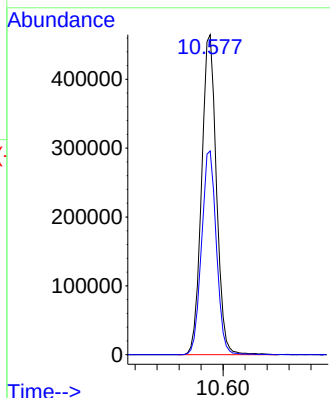
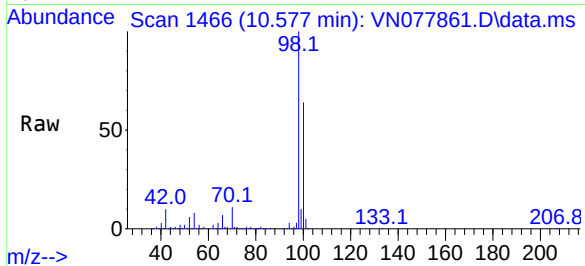




#50
Toluene-d8
Concen: 48.796 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

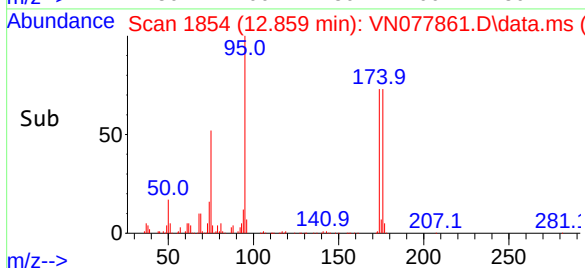
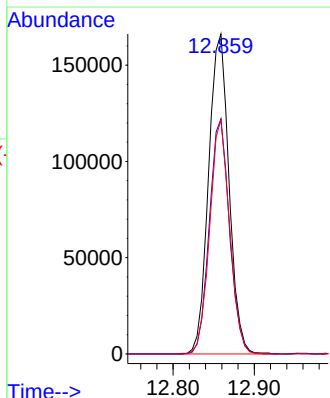
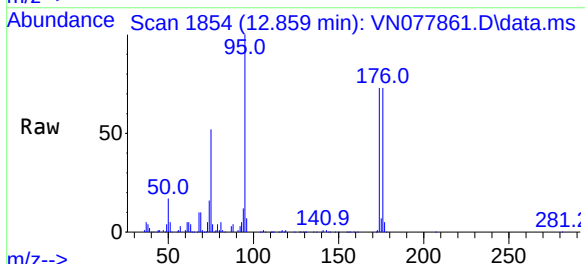
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

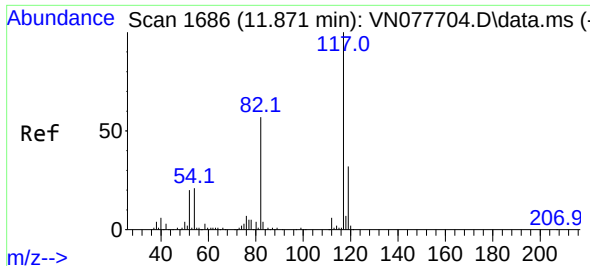
Tgt Ion: 98 Resp: 870053
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.062 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 95 Resp: 290066
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.0 0.0 135.8

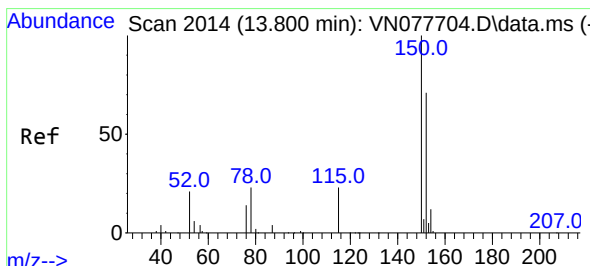
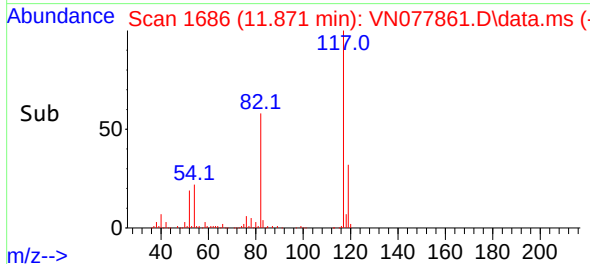
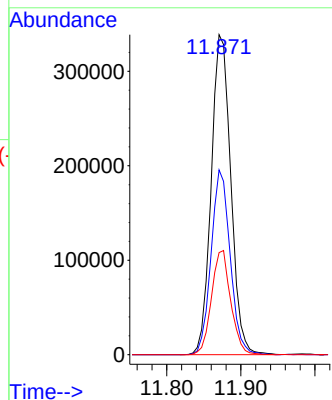
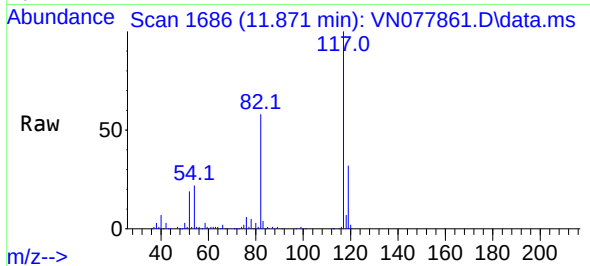




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

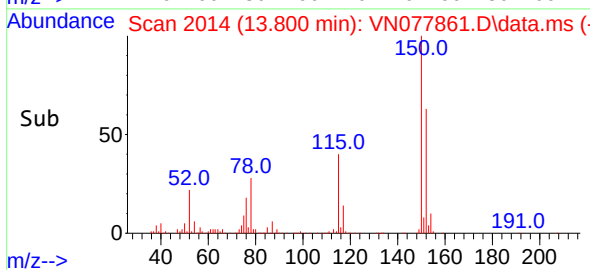
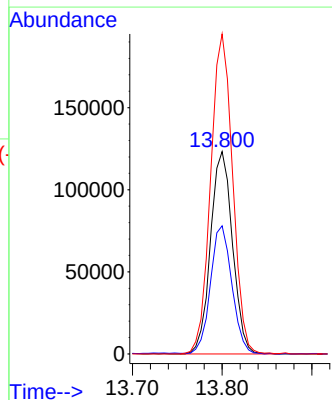
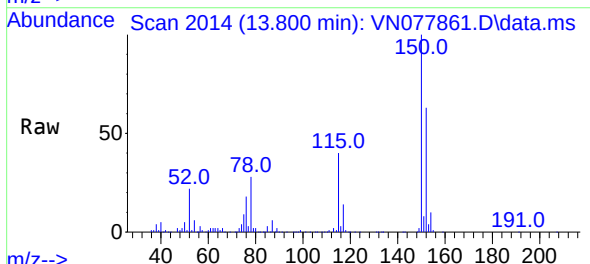
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

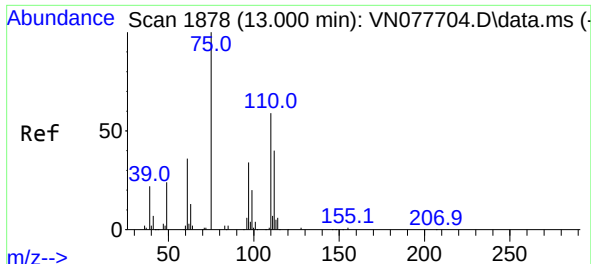
Tgt Ion:117 Resp: 622477
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion:152 Resp: 209935
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 157.9 0.0 355.8

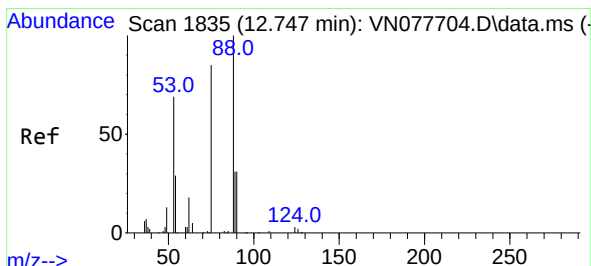
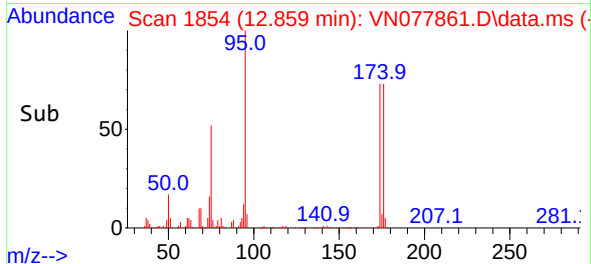
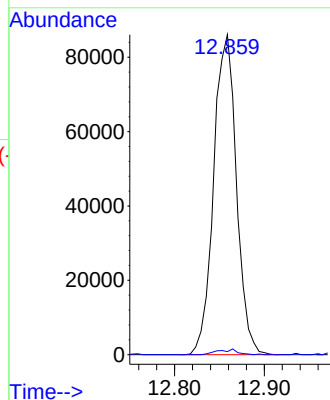
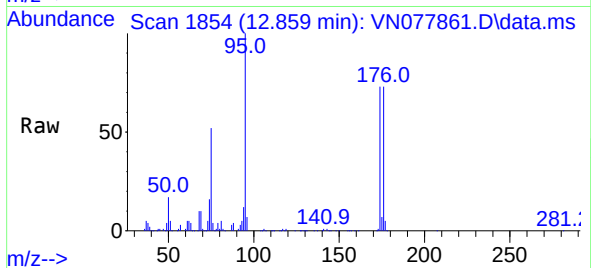




#76
1,2,3-Trichloropropane
Concen: 28.837 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

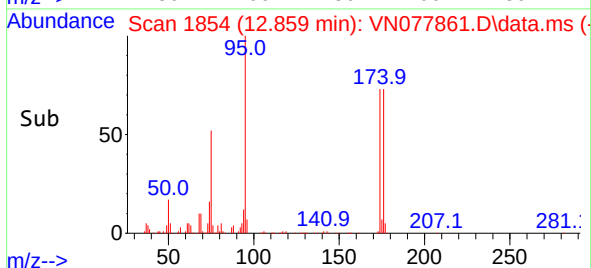
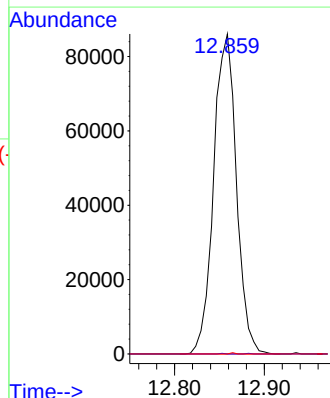
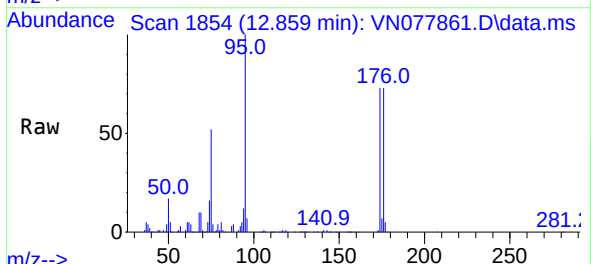
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

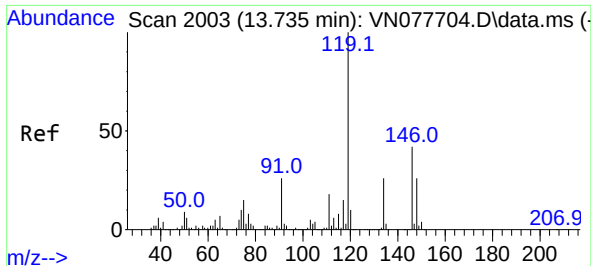
Tgt Ion: 75 Resp: 151612
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.178 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion: 75 Resp: 151612
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

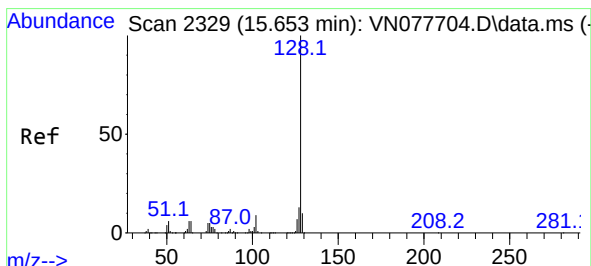
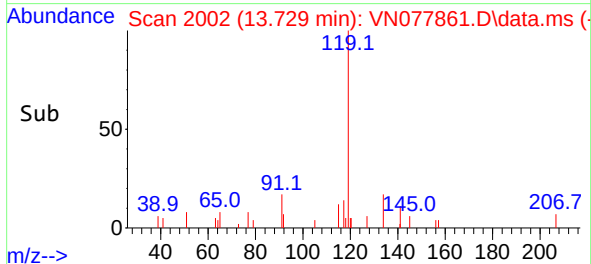
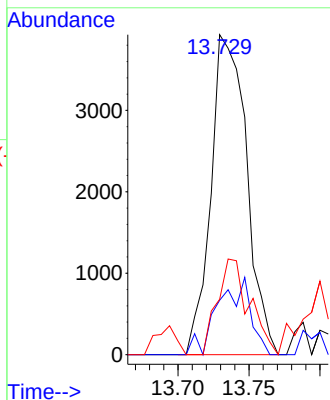
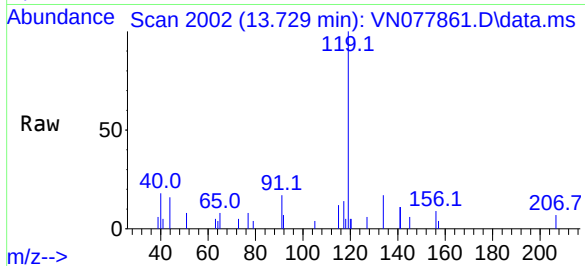




#86
p-Isopropyltoluene
Concen: 0.457 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:	119	Resp:	6872
Ion	Ratio	Lower	Upper
119	100		
134	22.1	12.6	37.8
91	26.9	12.4	37.2



#95
Naphthalene
Concen: 0.597 ug/l
RT: 15.659 min Scan# 2330
Delta R.T. 0.012 min
Lab File: VN077861.D
Acq: 24 May 2023 18:43

Tgt Ion:	128	Resp:	8574
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

