

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077951.D
 Acq On : 27 May 2023 02:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 01:42:34 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)

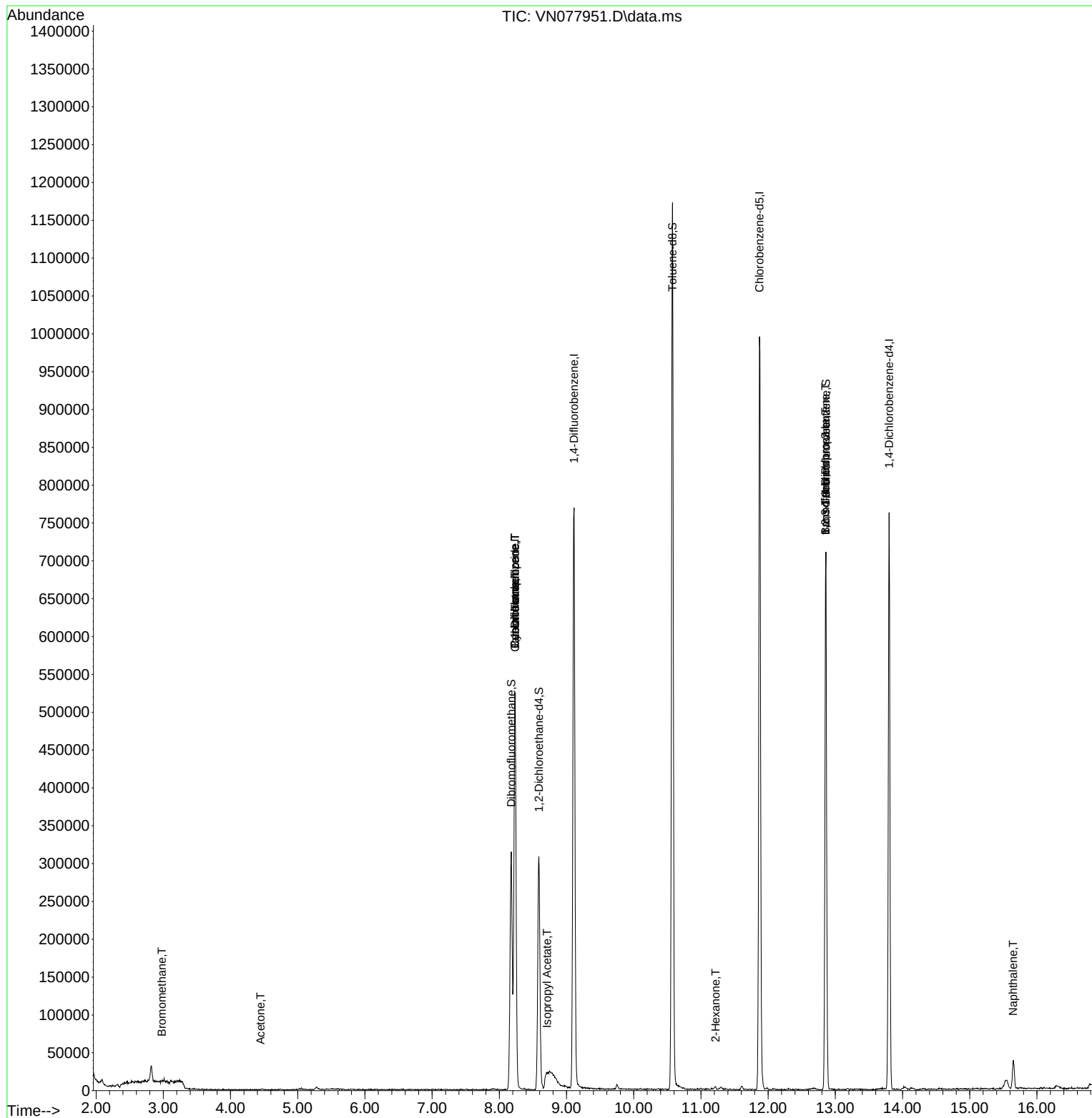
Internal Standards						
1) Pentafluorobenzene	8.230	168	384463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	689505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258646	44.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.920%		
35) Dibromofluoromethane	8.177	113	220925	49.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	10.577	98	855005	49.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.859	95	254574	41.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	895	Below Cal	#	84
5) Bromomethane	2.977	94	1236	0.303	ug/l #	73
13) Acrolein	4.183	56	79	Below Cal	#	1
16) Acetone	4.448	43	562	0.311	ug/l #	40
20) Methylene Chloride	5.277	84	2257	Below Cal	#	97
31) Cyclohexane	8.230	56	9484	1.213	ug/l #	23
36) 1,1-Dichloropropene	8.230	75	32410	4.928	ug/l #	50
38) Carbon Tetrachloride	8.236	117	41589	6.263	ug/l #	16
43) Isopropyl Acetate	8.712	43	20897	2.183	ug/l #	51
59) 2-Hexanone	11.218	43	848	0.201	ug/l #	38
71) Bromoform	12.853	173	1565	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	136350	26.702	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	136350	85.354	ug/l #	15
95) Naphthalene	15.647	128	35926	2.577	ug/l	98

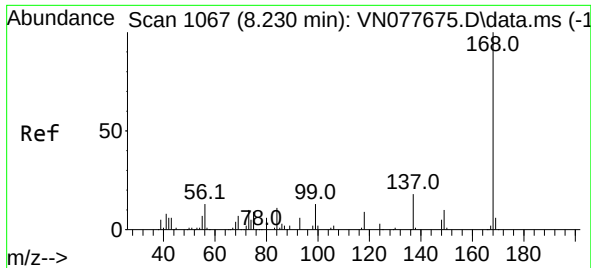
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
Data File : VN077951.D
Acq On : 27 May 2023 02:51
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: May 29 01:42:34 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

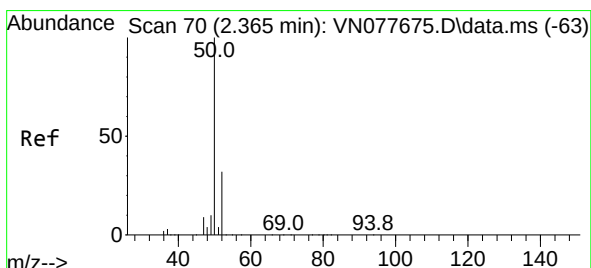
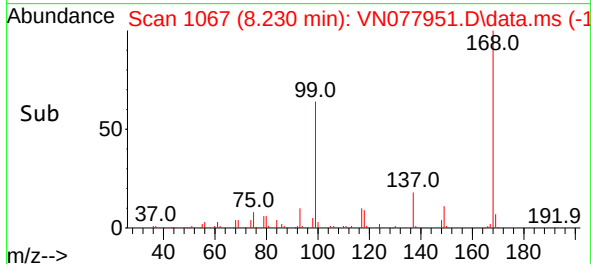
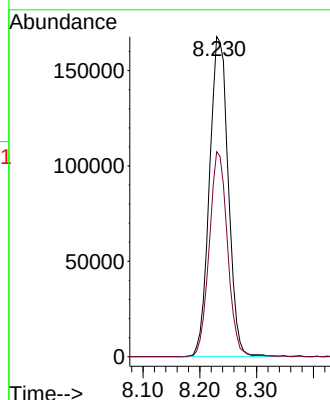
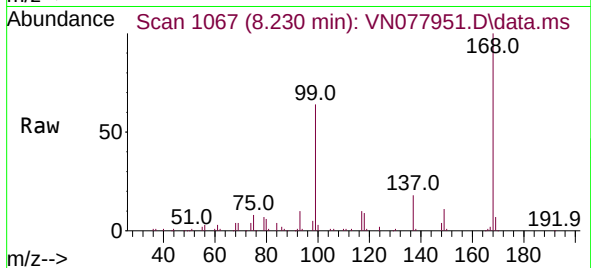




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

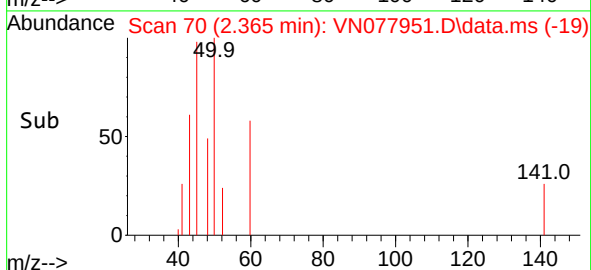
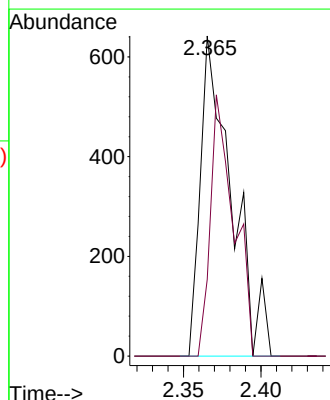
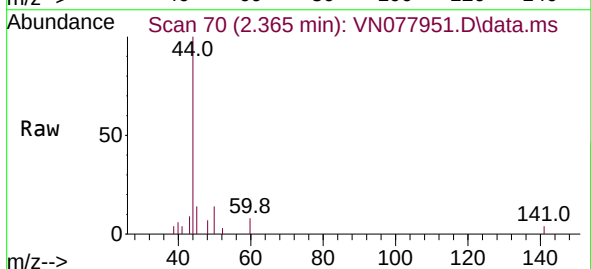
Instrument :
MSVOA_N
ClientSampleId :
IBLK

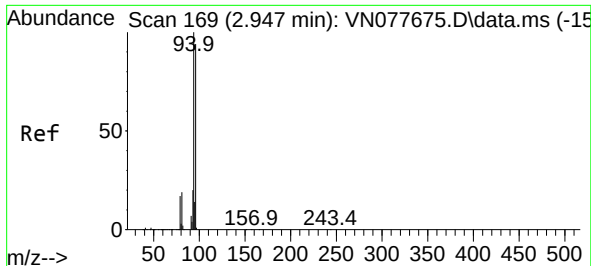
Tgt Ion:168 Resp: 384463
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 50 Resp: 895
Ion Ratio Lower Upper
50 100
52 24.0 26.5 39.7#

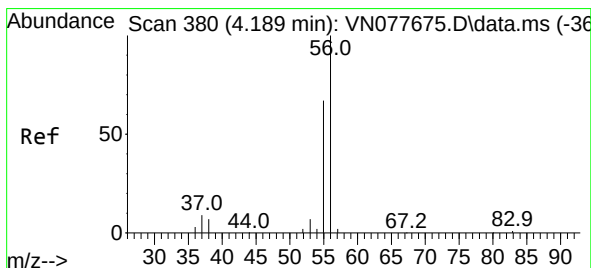
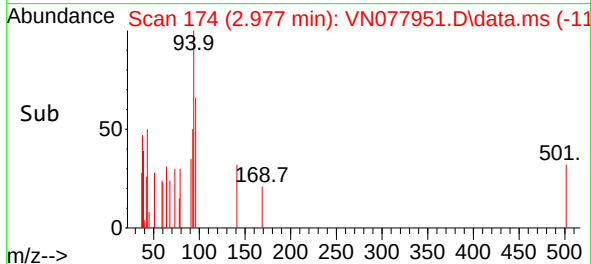
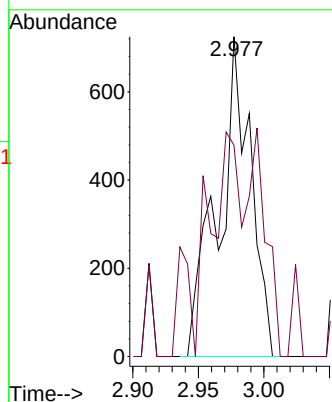
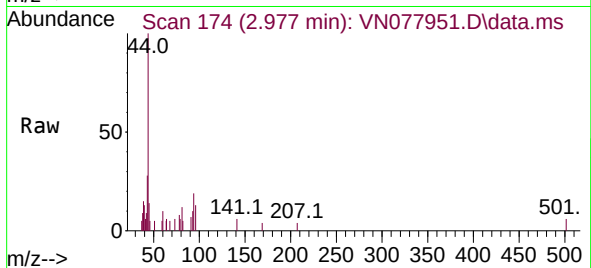




#5
Bromomethane
Concen: 0.303 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

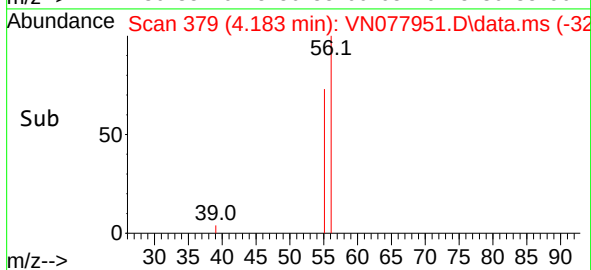
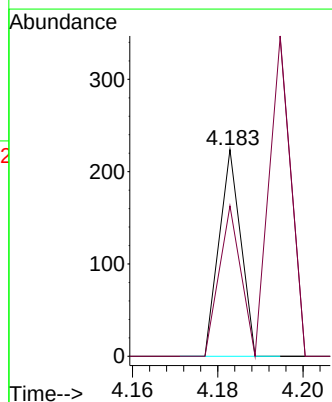
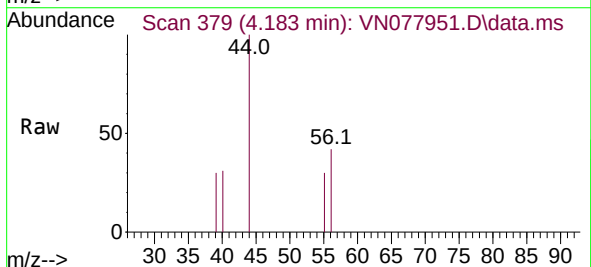
Instrument :
MSVOA_N
ClientSampleId :
IBLK

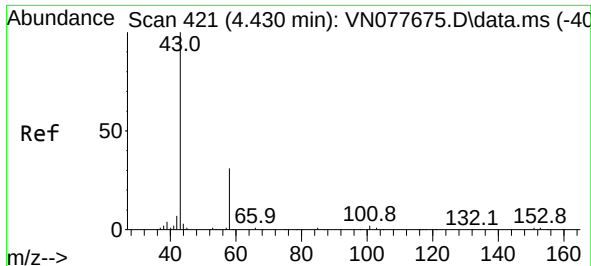
Tgt Ion: 94 Resp: 1236
Ion Ratio Lower Upper
94 100
96 66.1 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 227.8 54.5 81.7#

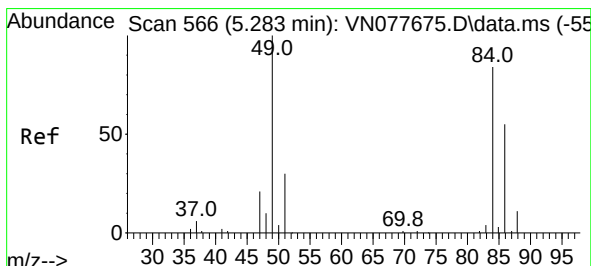
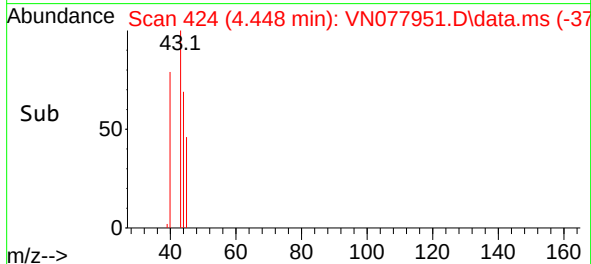
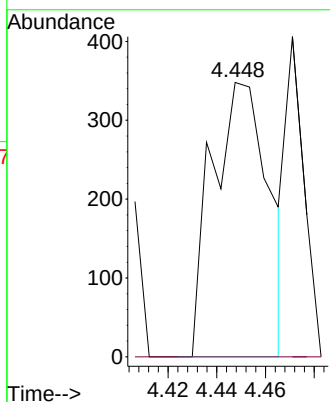
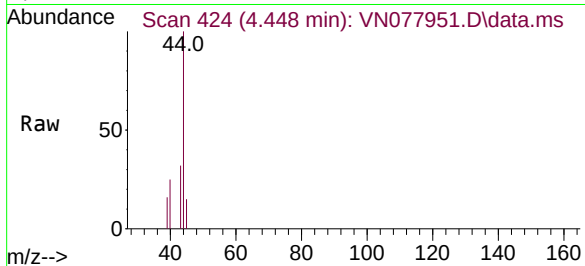




#16
Acetone
Concen: 0.311 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

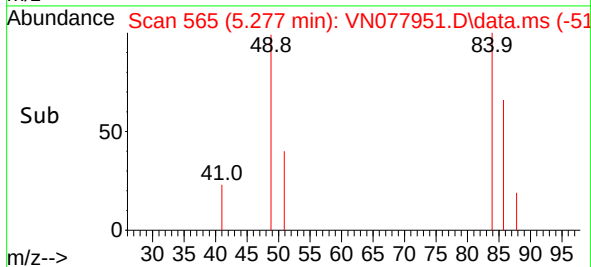
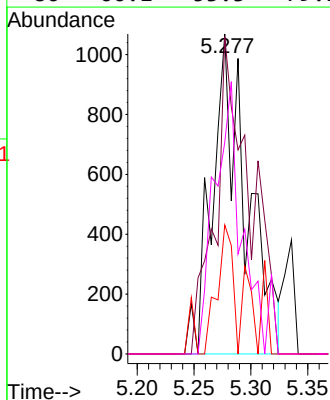
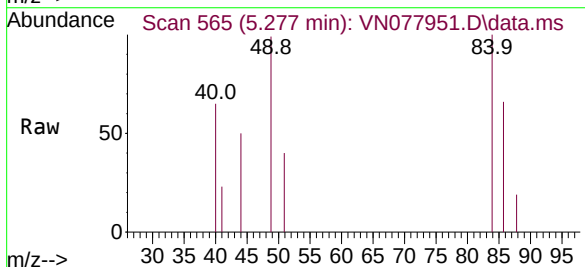
Instrument :
MSVOA_N
ClientSampleId :
IBLK

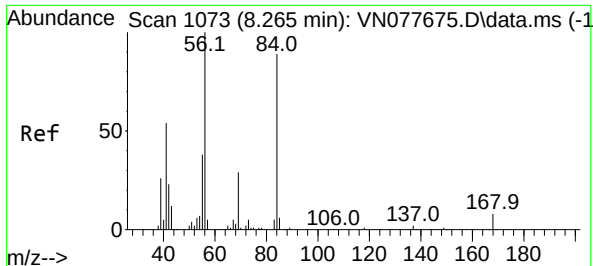
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 84 Resp: 2257
Ion Ratio Lower Upper
84 100
49 99.2 79.7 119.5
51 40.3 25.2 37.8#
86 66.1 53.3 79.9

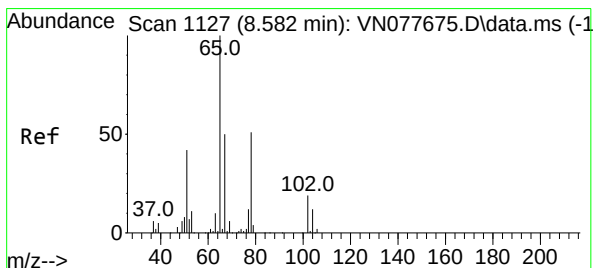
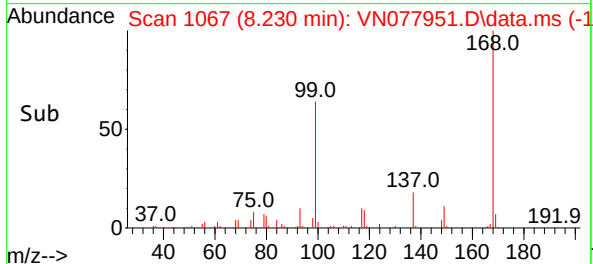
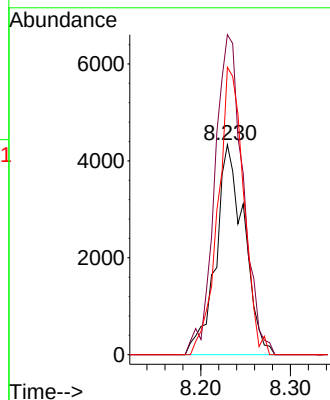
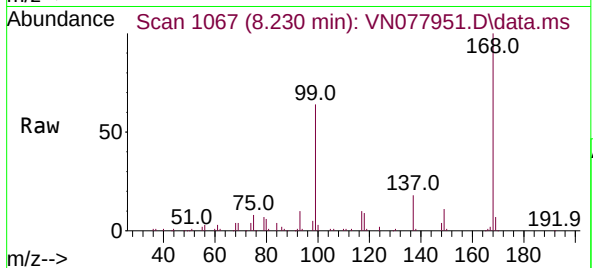




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

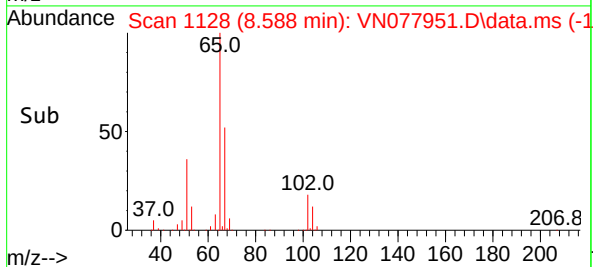
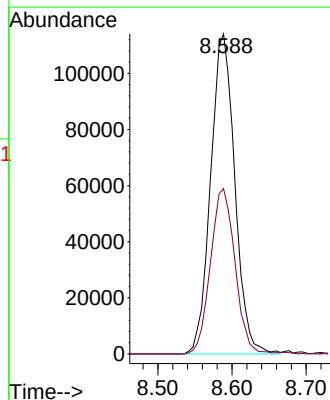
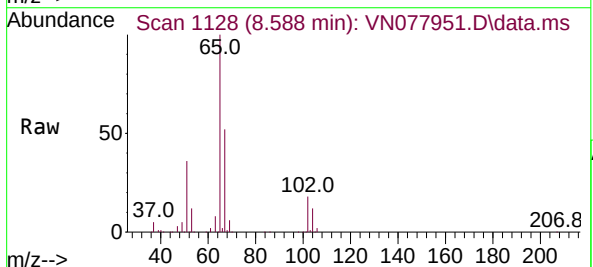
Instrument :
MSVOA_N
ClientSampleId :
IBLK

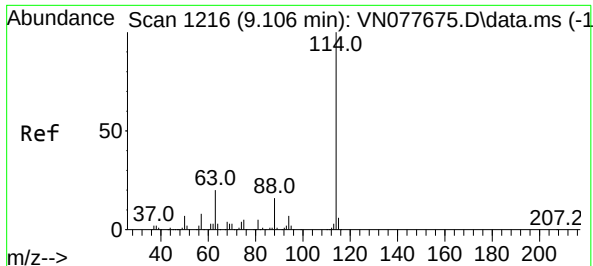
Tgt Ion: 56 Resp: 9484
Ion Ratio Lower Upper
56 100
69 152.4 26.8 40.2#
84 137.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.962 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 65 Resp: 258646
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077951.D

Acq: 27 May 2023 02:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

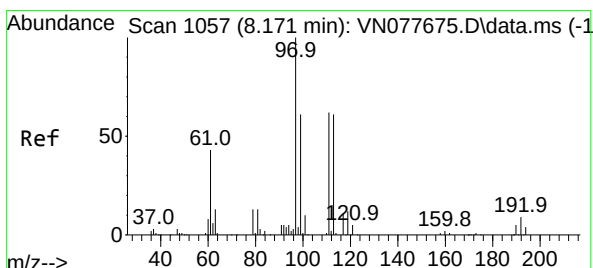
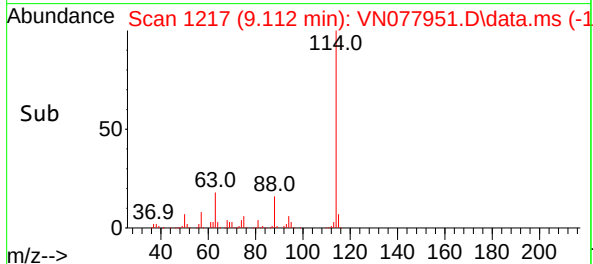
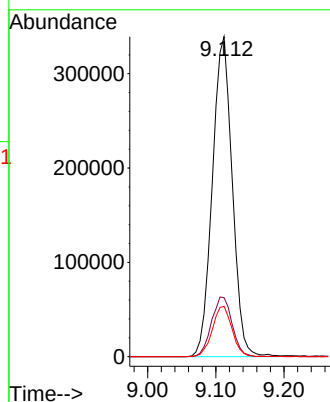
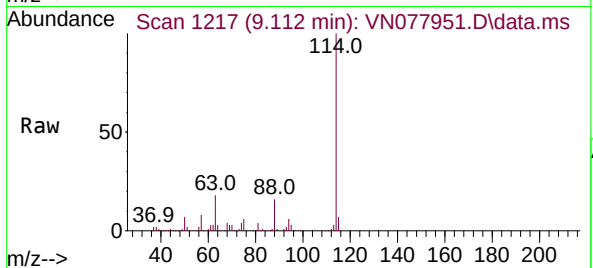
Tgt Ion:114 Resp: 689505

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.136 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077951.D

Acq: 27 May 2023 02:51

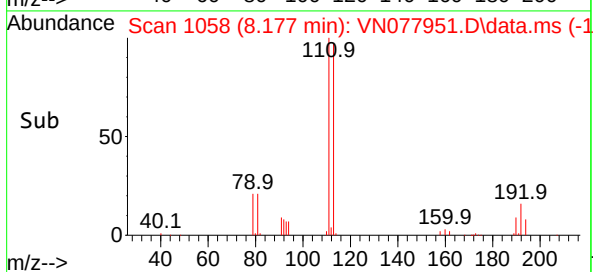
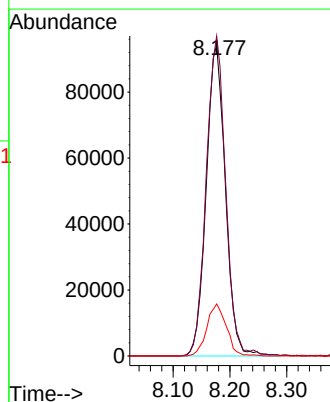
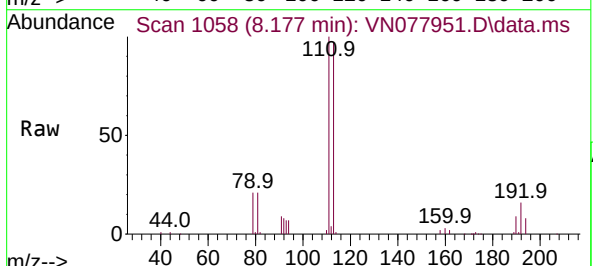
Tgt Ion:113 Resp: 220925

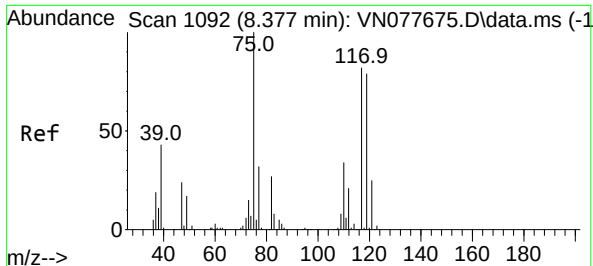
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.1 12.7 19.1

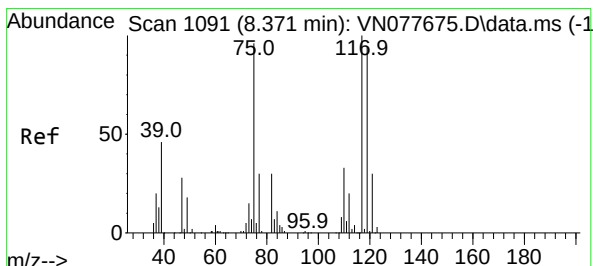
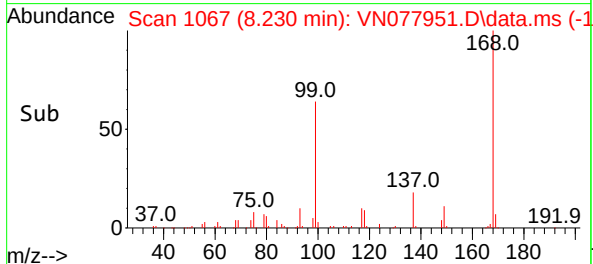
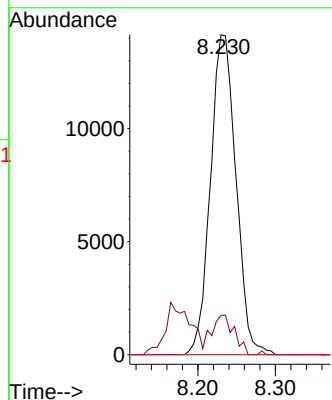
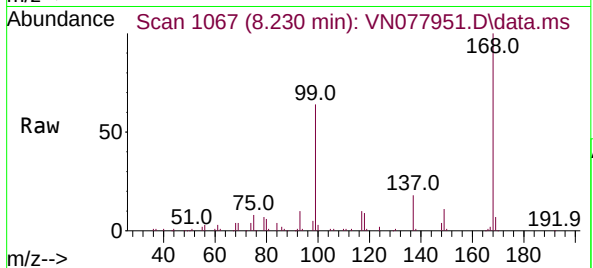




#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

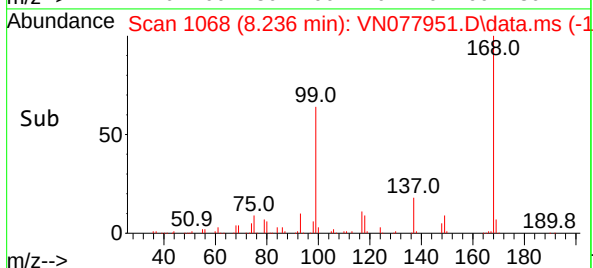
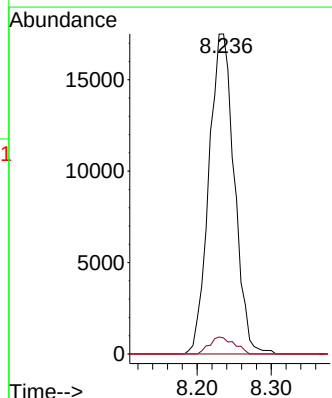
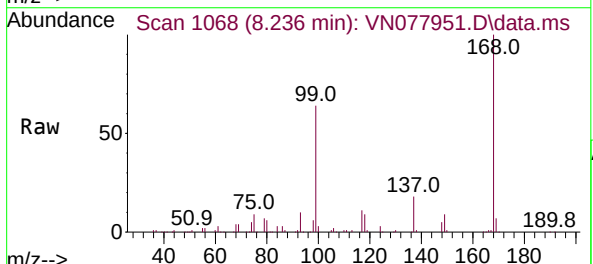
Instrument :
MSVOA_N
ClientSampleId :
IBLK

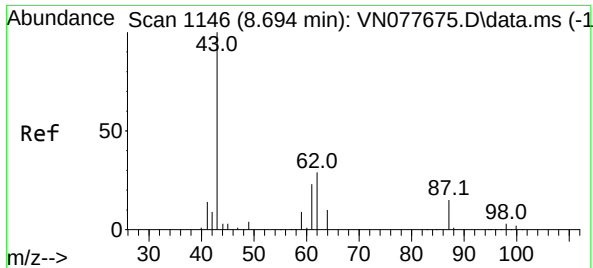
Tgt Ion: 75 Resp: 32410
Ion Ratio Lower Upper
75 100
110 10.9 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 117 Resp: 41589
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#

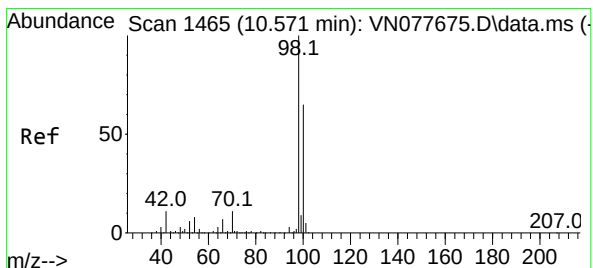
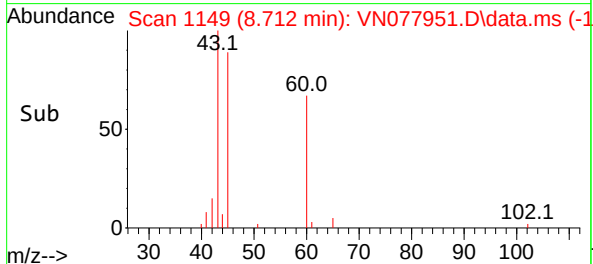
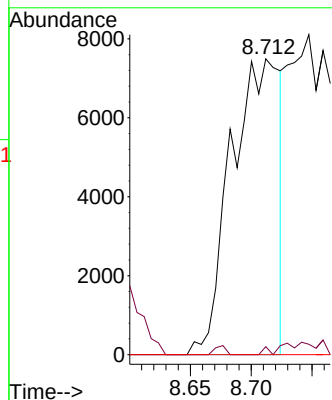
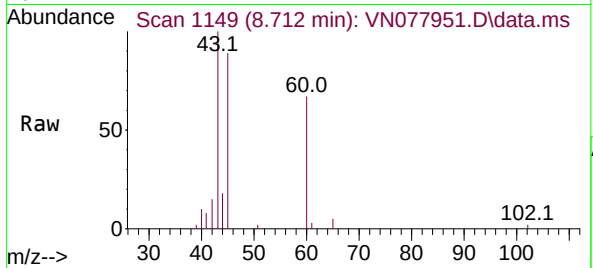




#43
Isopropyl Acetate
Concen: 2.183 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

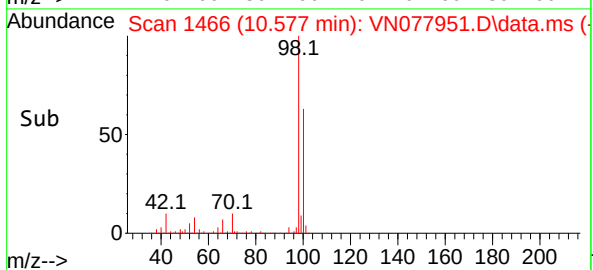
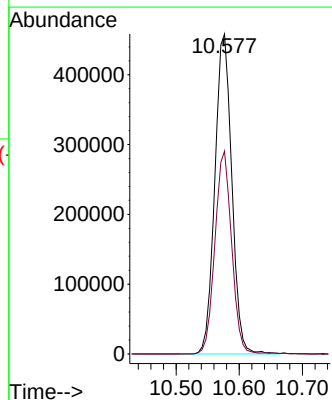
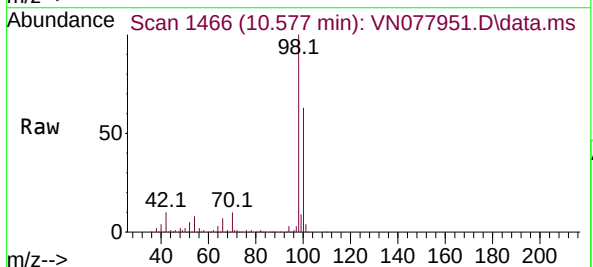
Instrument :
MSVOA_N
ClientSampleId :
IBLK

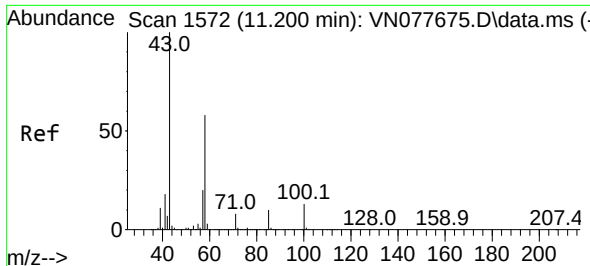
Tgt Ion: 43 Resp: 20897
Ion Ratio Lower Upper
43 100
61 1.5 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 98 Resp: 855005
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

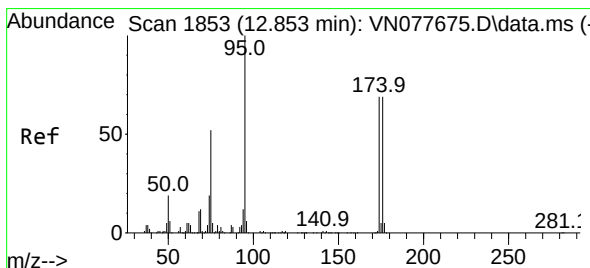
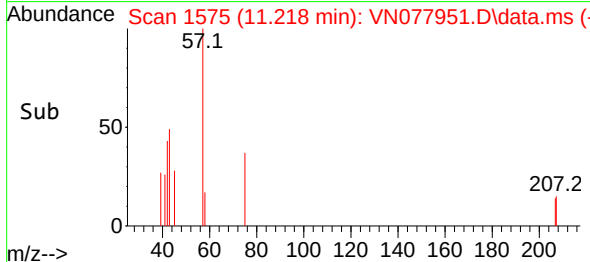
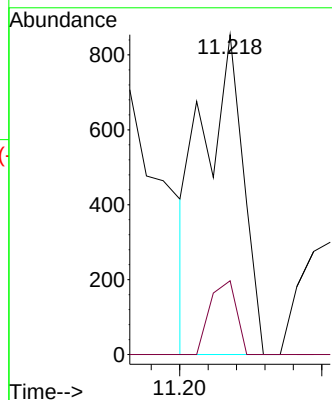
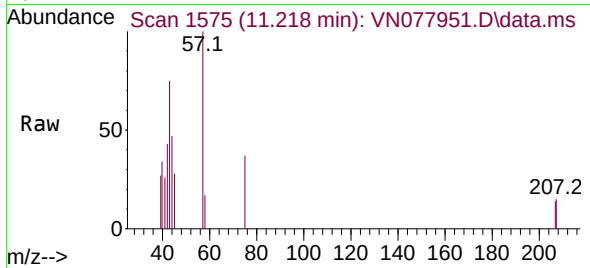




#59
2-Hexanone
Concen: 0.201 ug/l
RT: 11.218 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

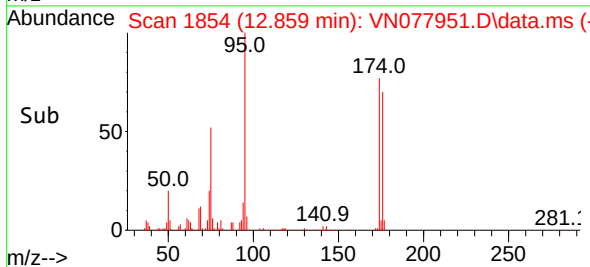
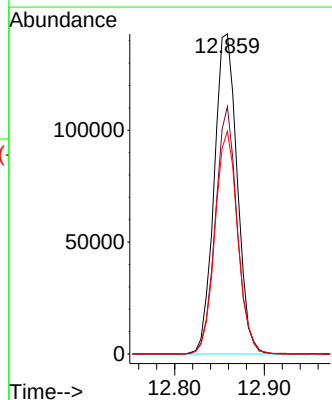
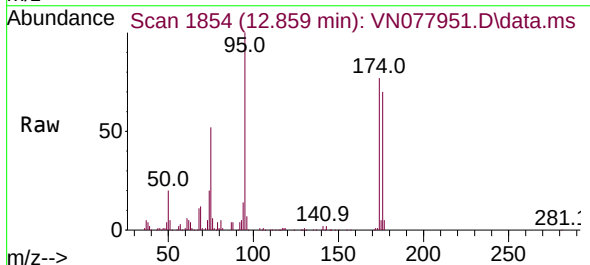
Instrument :
MSVOA_N
ClientSampleId :
IBLK

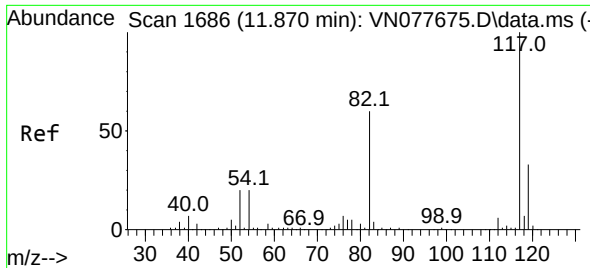
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 15.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 41.650 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 95 Resp: 254574
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 68.7 0.0 135.8

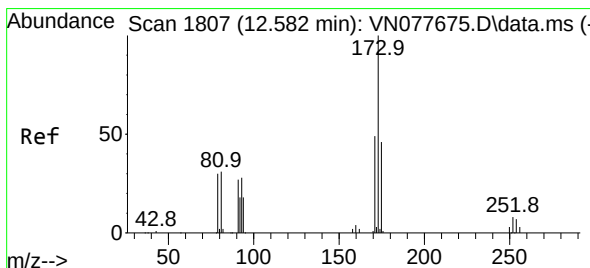
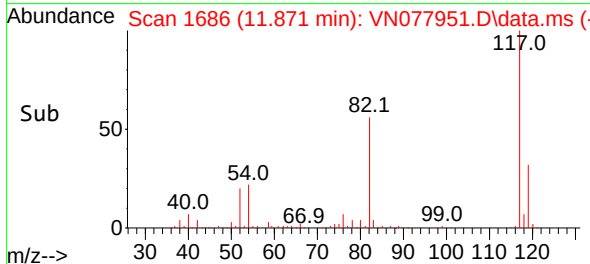
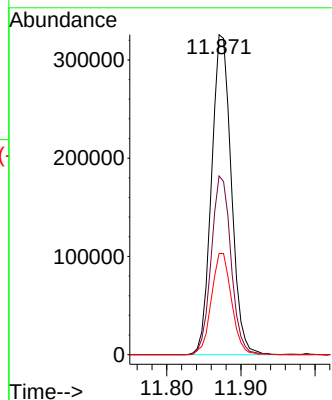
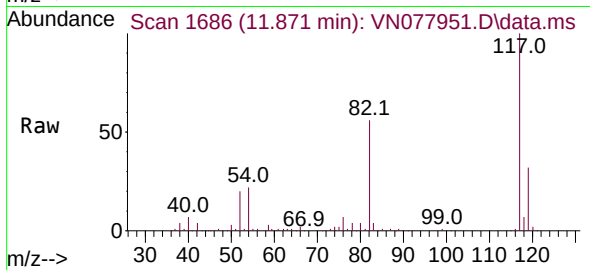




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

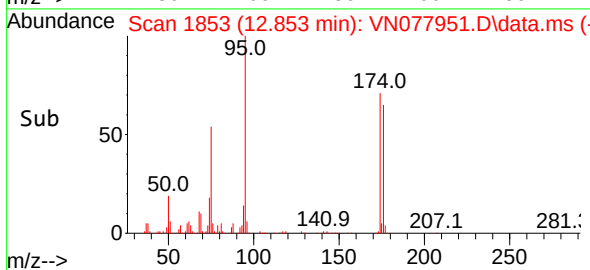
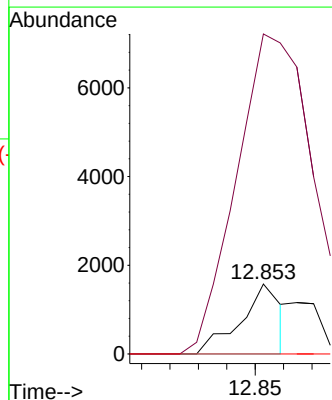
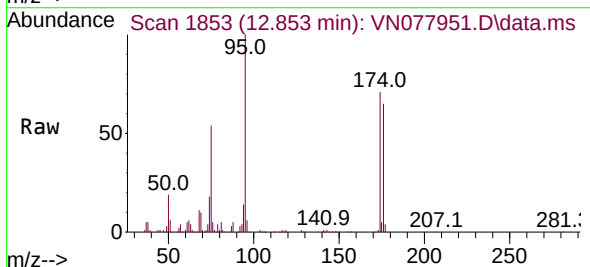
Instrument :
MSVOA_N
ClientSampleId :
IBLK

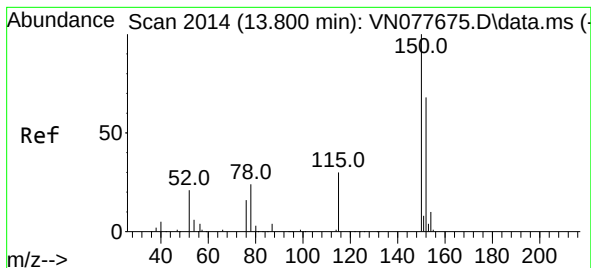
Tgt Ion:117 Resp: 604032
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.519 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion:173 Resp: 1565
Ion Ratio Lower Upper
173 100
175 553.5 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077951.D

Acq: 27 May 2023 02:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

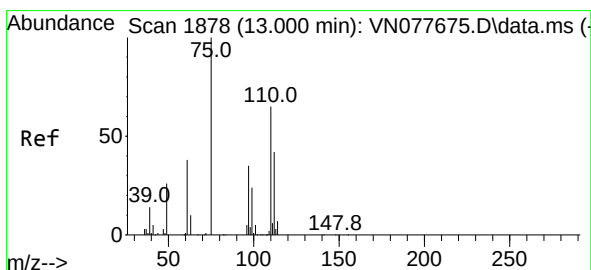
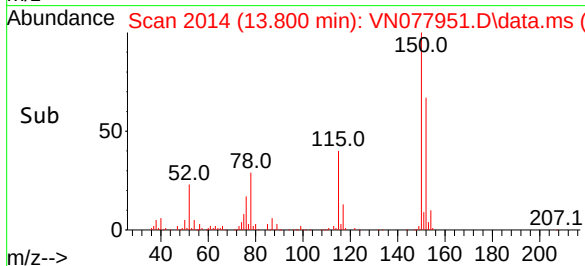
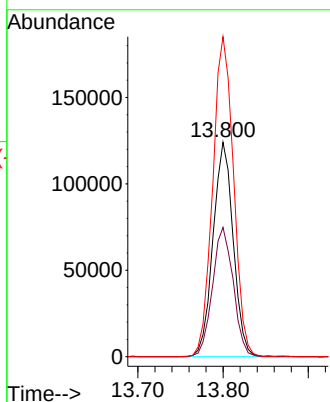
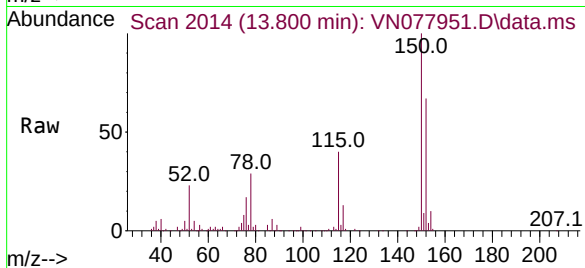
Tgt Ion:152 Resp: 203897

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 154.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 26.702 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077951.D

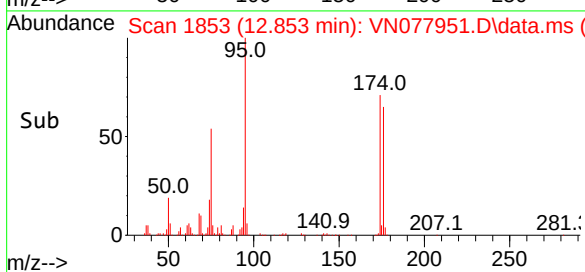
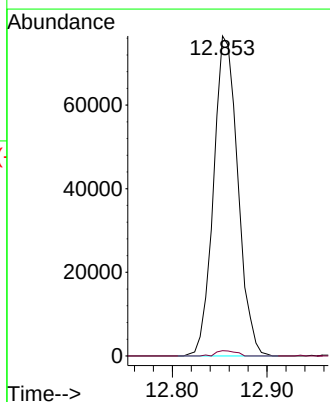
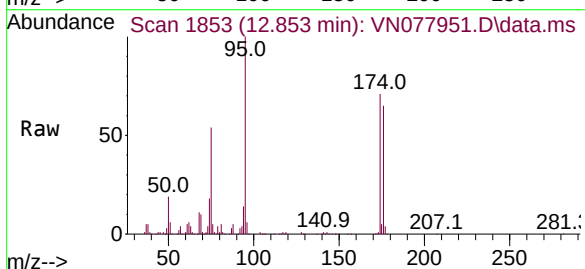
Acq: 27 May 2023 02:51

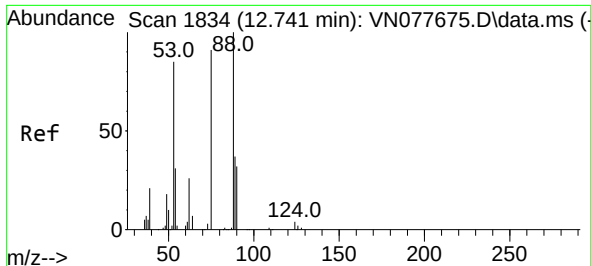
Tgt Ion: 75 Resp: 136350

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#

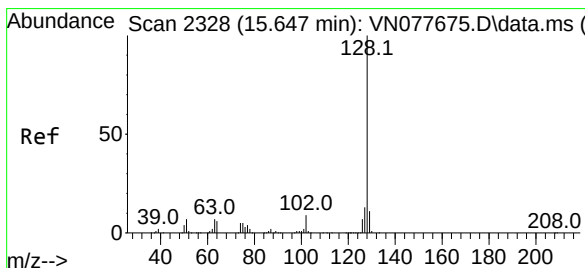
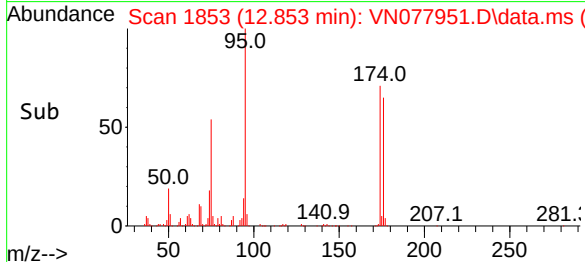
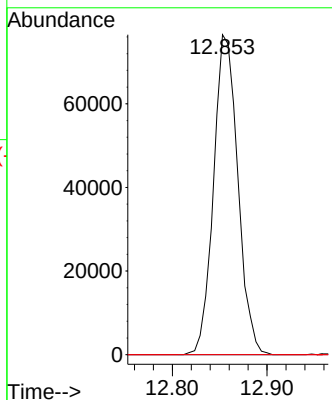
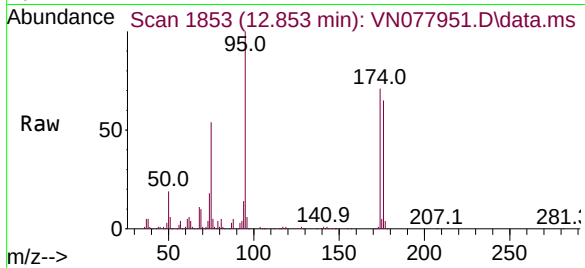




#81
trans-1,4-Dichloro-2-butene
Concen: 85.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 136350
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.577 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 128 Resp: 35926
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.4 8.7 13.1

