

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077598.D
 Acq On : 05 May 2023 18:30
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 06 02:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

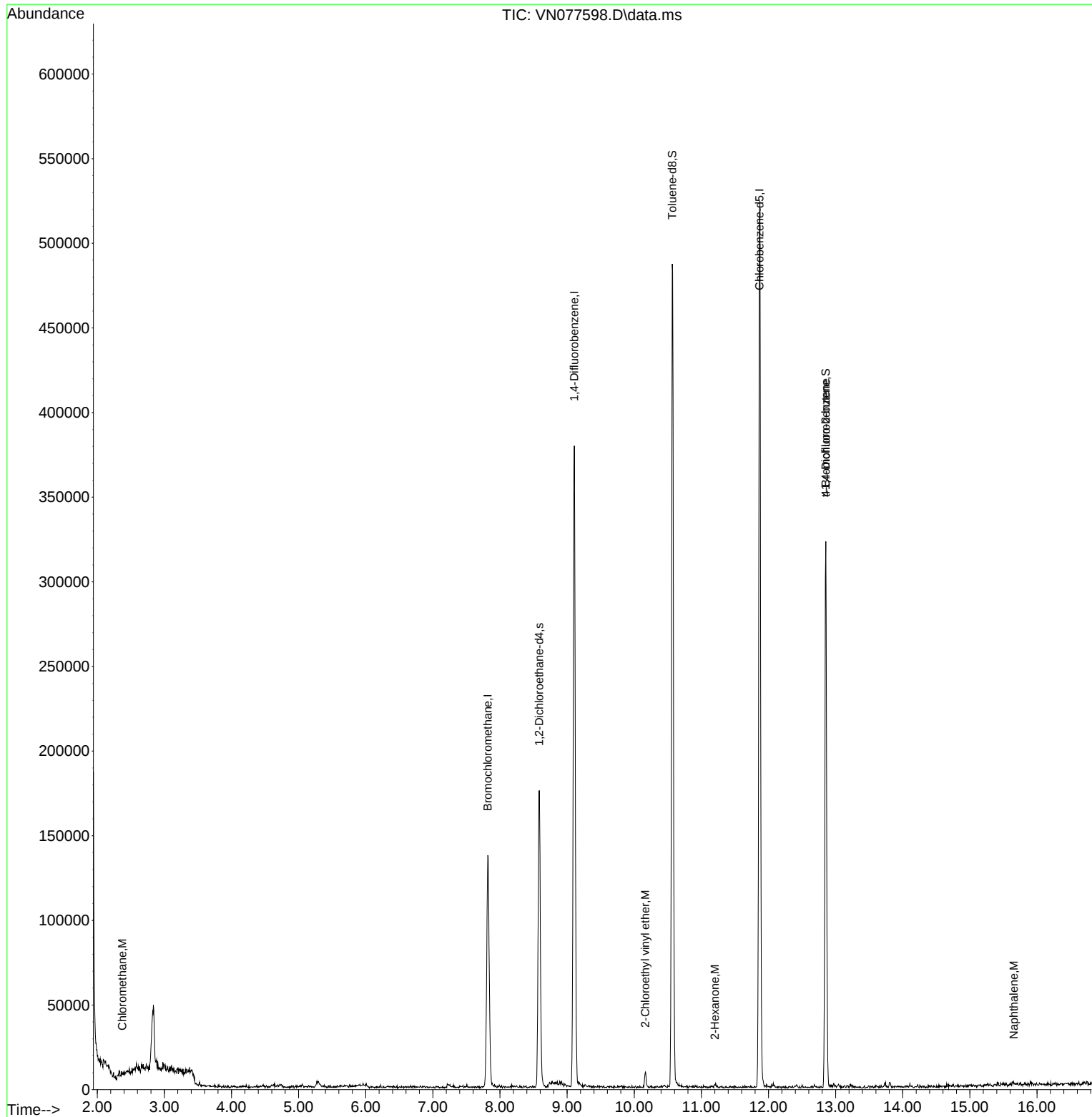
Internal Standards						
1) Bromochloromethane	7.819	128	50876	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	336119	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	316101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	145658	32.114	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.033%
60) 4-Bromofluorobenzene	12.854	95	119013	21.490	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.633%
63) Toluene-d8	10.566	98	350582	31.475	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	970	0.207	ug/l #	57
55) 2-Chloroethyl vinyl ether	10.166	63	4421	1.722	ug/l #	87
59) 2-Hexanone	11.201	43	851	0.254	ug/l #	27
77) t-1,4-Dichloro-2-butene	12.854	75	64748	33.195	ug/l #	19
91) Naphthalene	15.654	128	1912	0.229	ug/l #	69

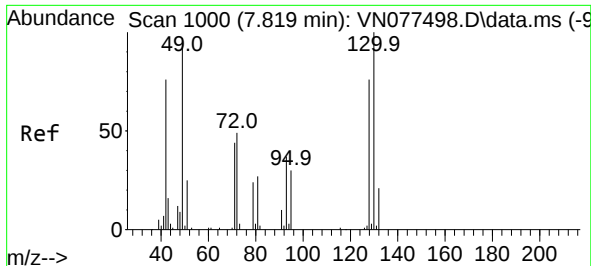
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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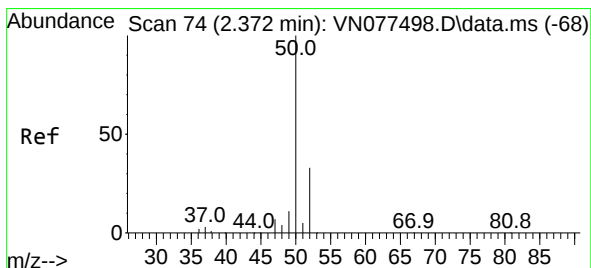
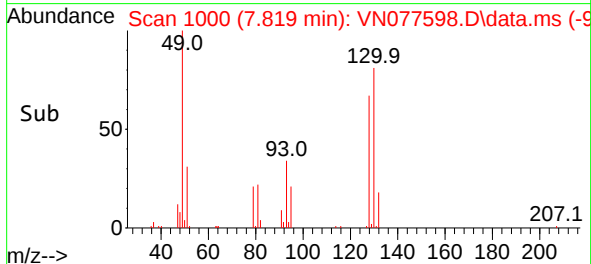
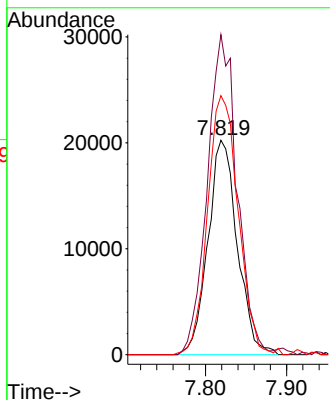
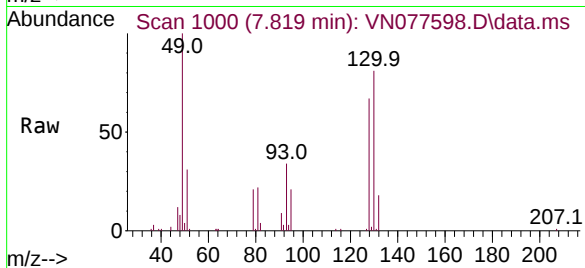




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

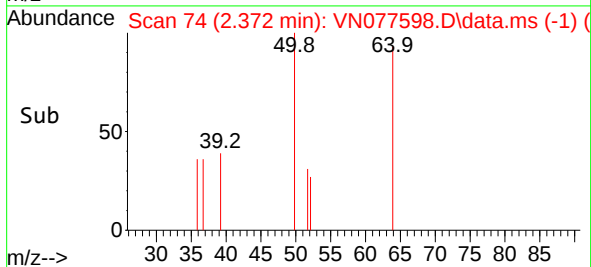
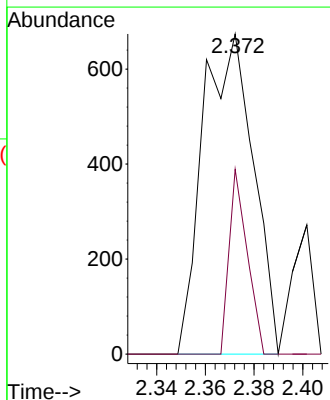
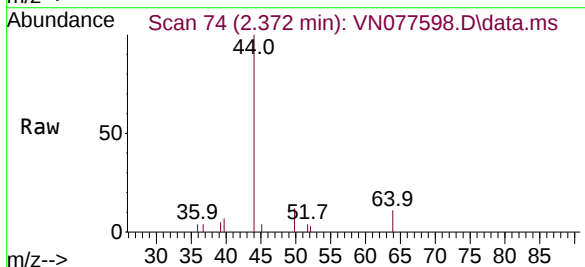
Instrument :
MSVOA_N
ClientSampleId :
IBLK

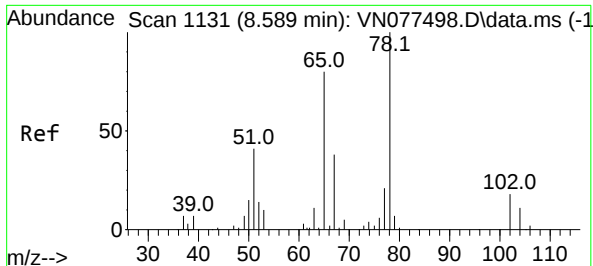
Tgt Ion:128 Resp: 50876
Ion Ratio Lower Upper
128 100
49 151.4 0.0 338.5
130 125.8 0.0 326.3



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

Tgt Ion: 50 Resp: 970
Ion Ratio Lower Upper
50 100
52 57.7 26.6 39.8#





#27

1,2-Dichloroethane-d4

Concen: 32.114 ug/l

RT: 8.584 min Scan# 1131

Delta R.T. -0.005 min

Lab File: VN077598.D

Acq: 05 May 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

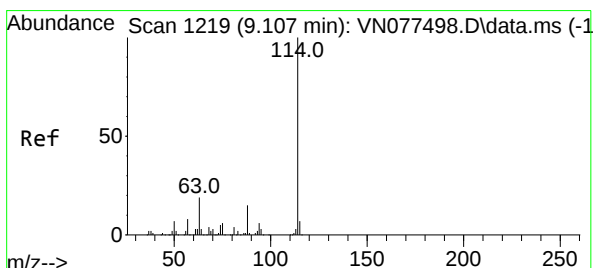
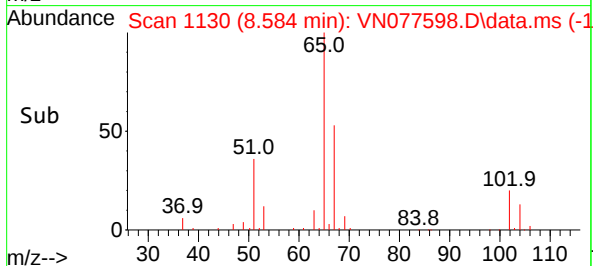
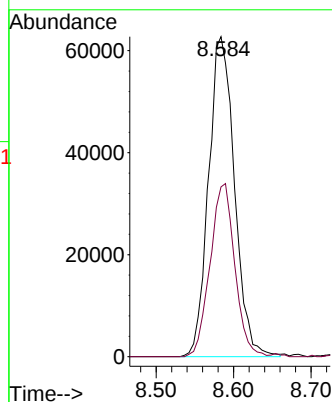
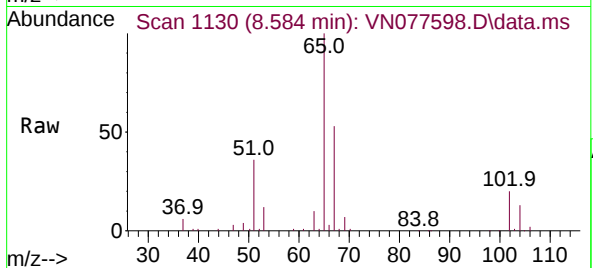
IBLK

Tgt Ion: 65 Resp: 145658

Ion Ratio Lower Upper

65 100

67 51.5 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077598.D

Acq: 05 May 2023 18:30

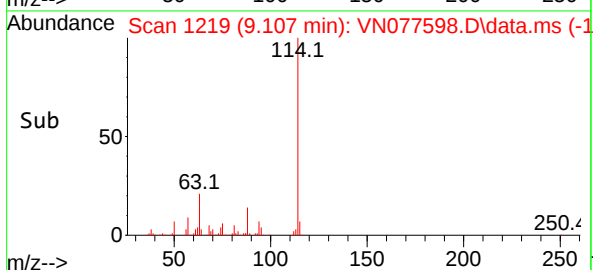
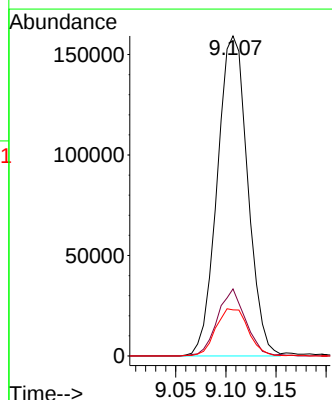
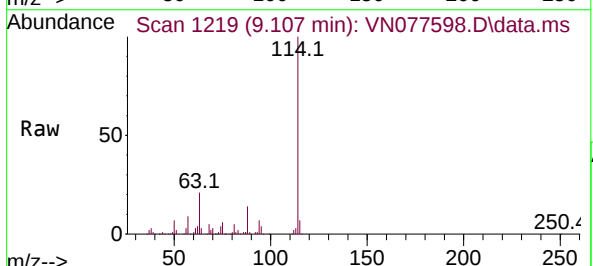
Tgt Ion:114 Resp: 336119

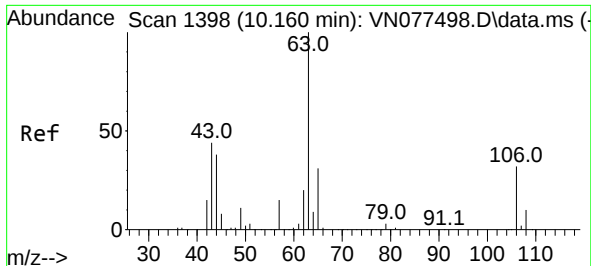
Ion Ratio Lower Upper

114 100

63 19.5 14.1 21.1

88 15.7 12.3 18.5

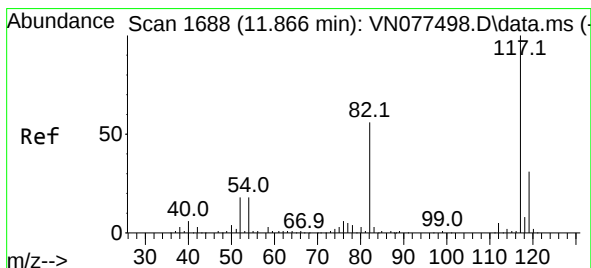
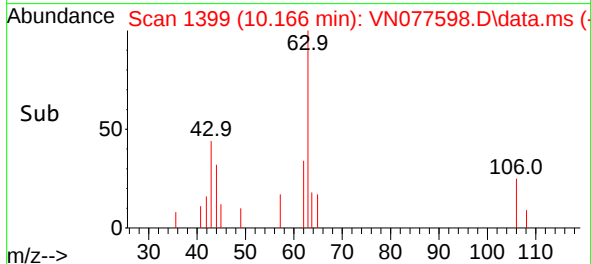
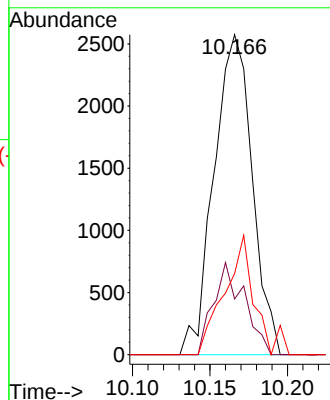
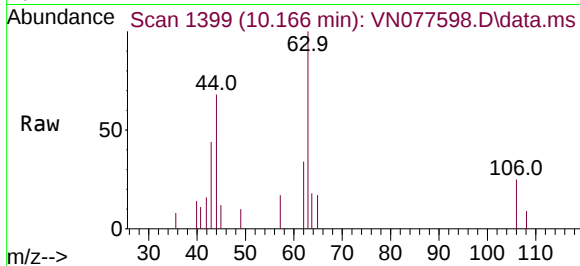




#55
2-Chloroethyl vinyl ether
Concen: 1.722 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

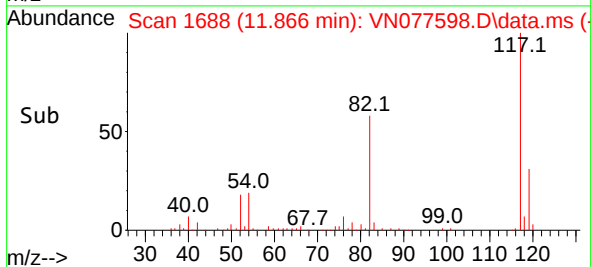
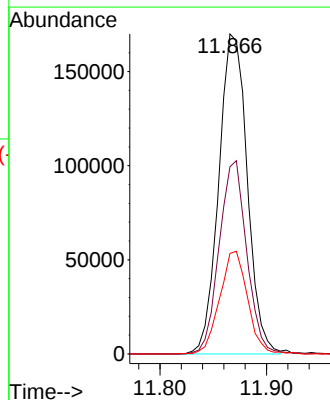
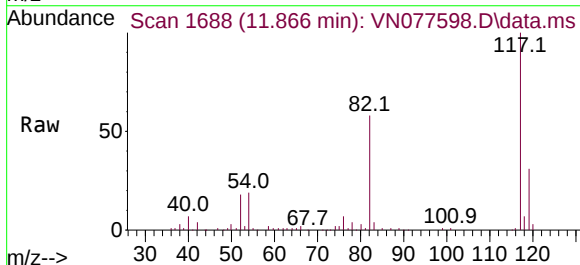
Instrument :
MSVOA_N
ClientSampleId :
IBLK

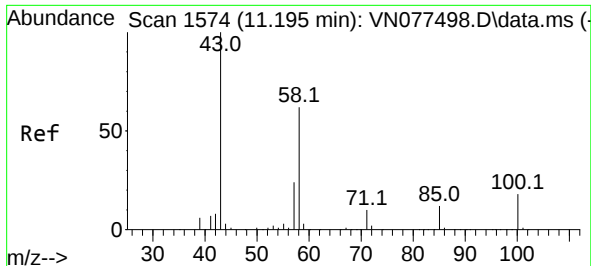
Tgt Ion: 63 Resp: 4421
Ion Ratio Lower Upper
63 100
65 23.2 25.8 38.6#
106 27.6 26.2 39.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

Tgt Ion: 117 Resp: 316101
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 31.4 25.4 38.2

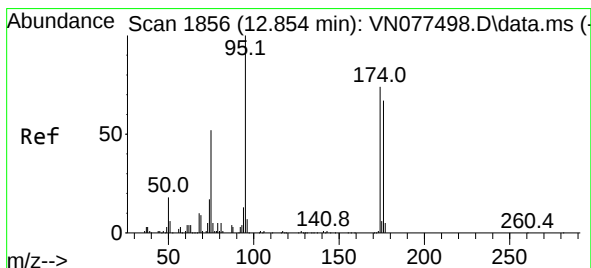
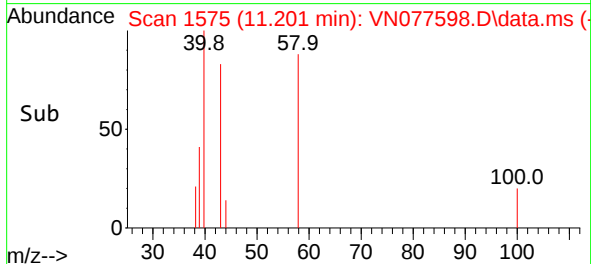
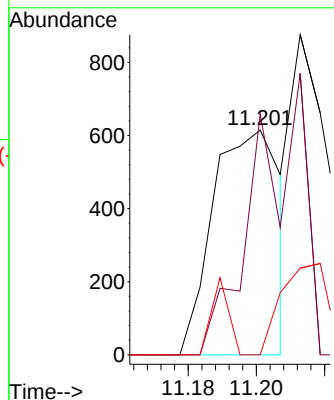
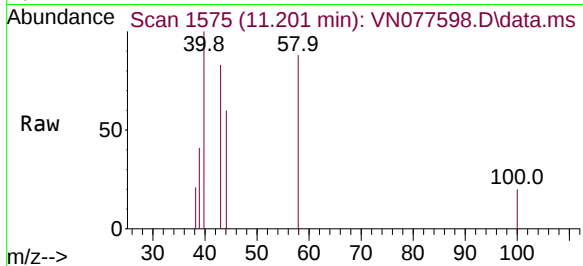




#59
2-Hexanone
Concen: 0.254 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

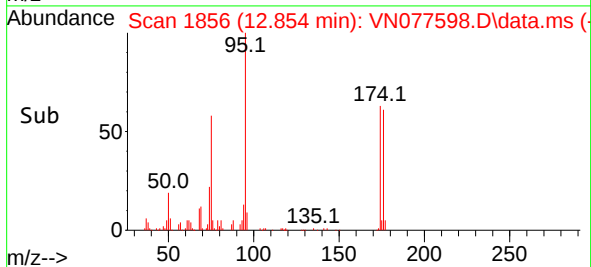
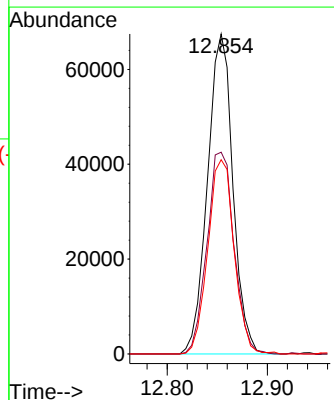
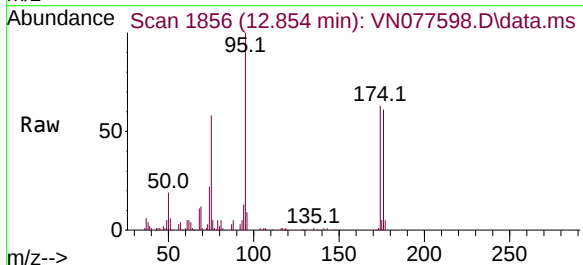
Instrument :
MSVOA_N
ClientSampleId :
IBLK

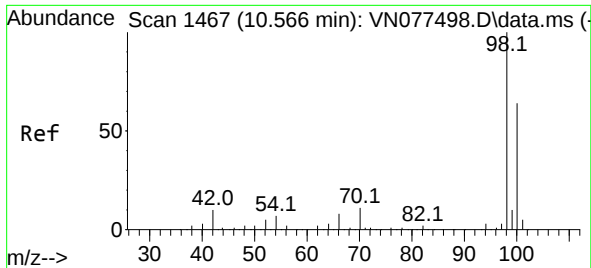
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 0.0 51.8 77.8#
57 0.0 18.2 27.4#



#60
4-Bromofluorobenzene
Concen: 21.490 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

Tgt Ion: 95 Resp: 119013
Ion Ratio Lower Upper
95 100
174 67.1 55.9 83.9
176 62.6 53.9 80.9

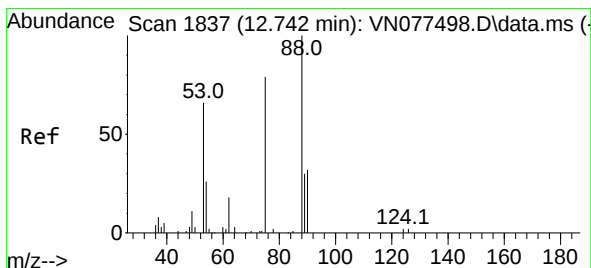
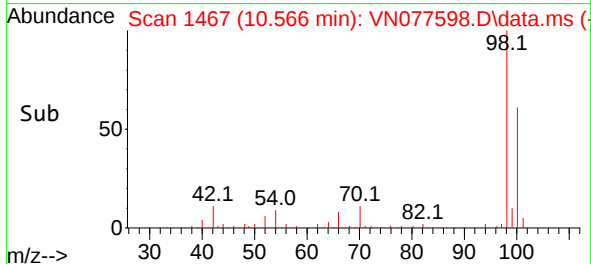
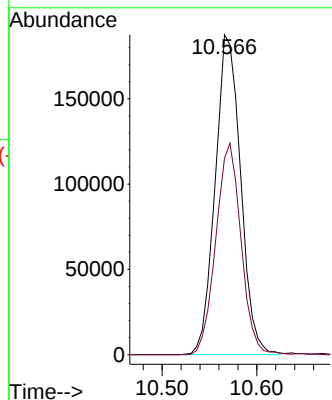
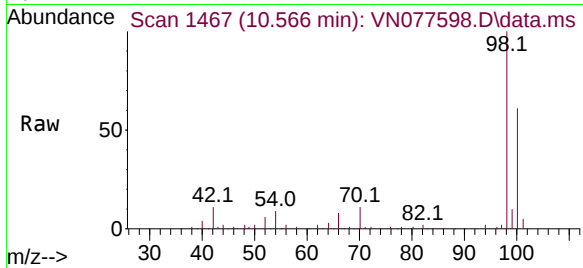




#63
Toluene-d8
Concen: 31.475 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

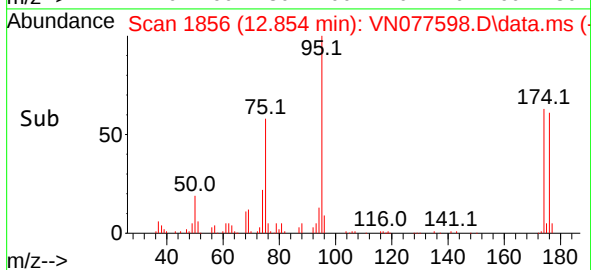
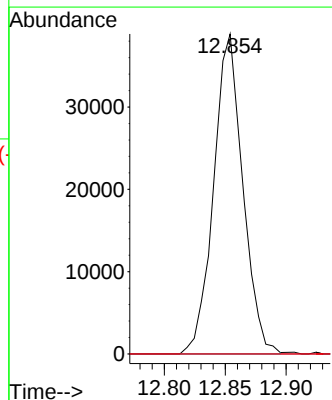
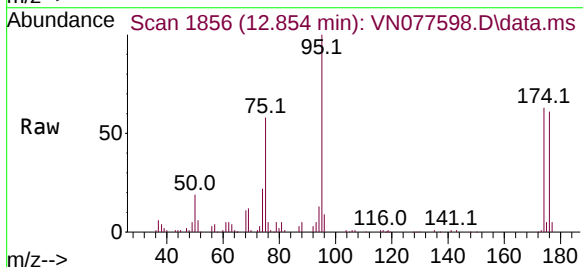
Instrument :
MSVOA_N
ClientSampleId :
IBLK

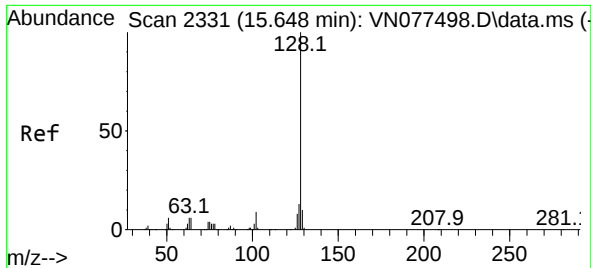
Tgt Ion: 98 Resp: 350582
Ion Ratio Lower Upper
98 100
100 65.3 51.0 76.4



#77
t-1,4-Dichloro-2-butene
Concen: 33.195 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

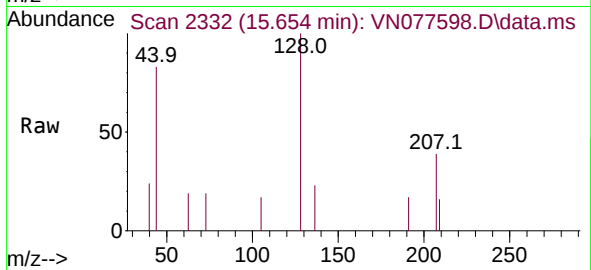
Tgt Ion: 75 Resp: 64748
Ion Ratio Lower Upper
75 100
53 0.0 38.2 114.6#
89 0.0 22.1 66.1#





#91
Naphthalene
Concen: 0.229 ug/l
RT: 15.654 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077598.D
Acq: 05 May 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 1912
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

