

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072030.D
 Acq On : 18 Apr 2022 12:24
 Operator : JC\MD
 Sample : VN0418WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBL01

Quant Time: Apr 18 15:24:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

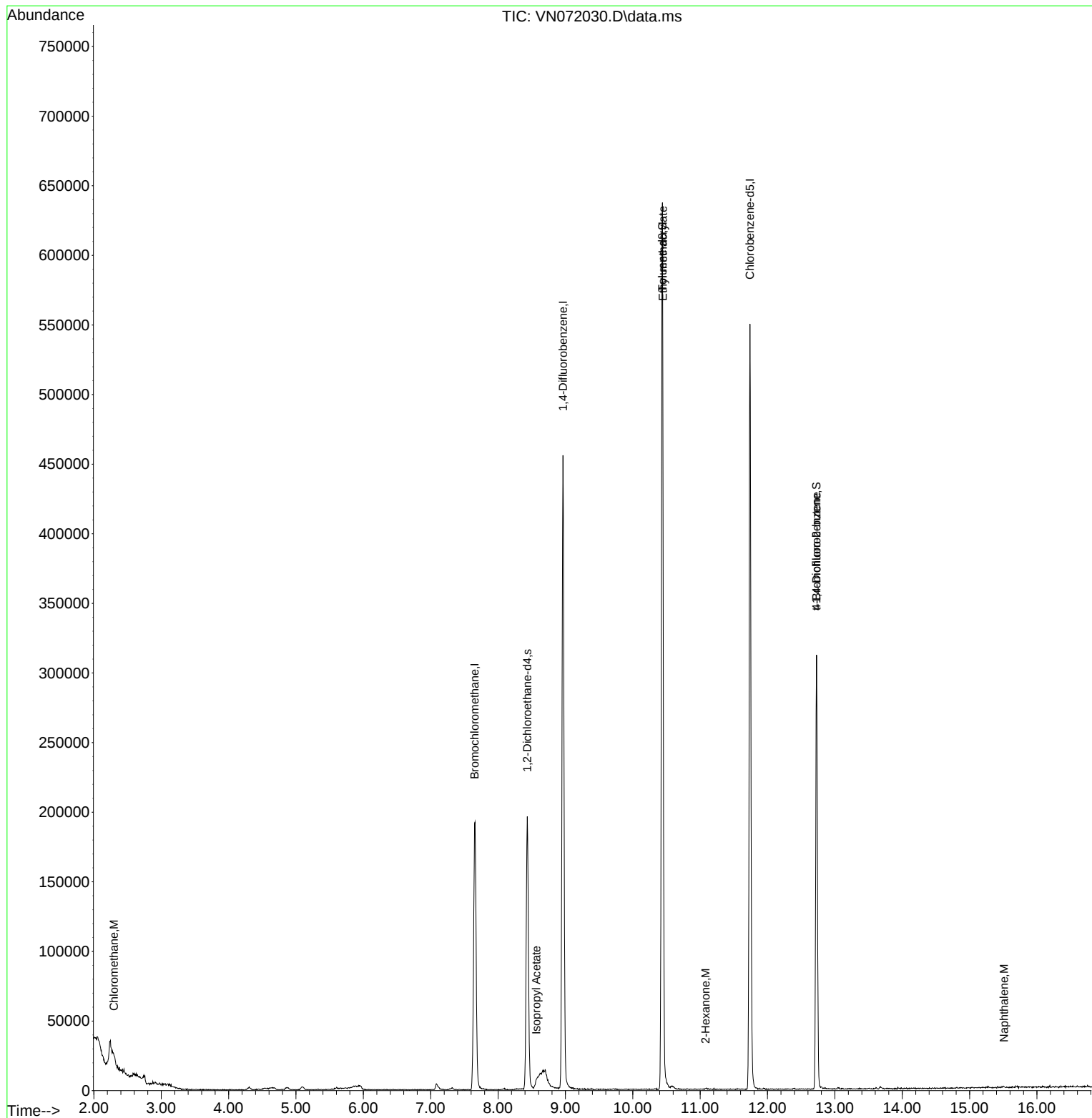
Internal Standards						
1) Bromochloromethane	7.651	128	81475	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	419550	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	348303	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	163560	28.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.967%
60) 4-Bromofluorobenzene	12.727	95	112291	21.743	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.467%
63) Toluene-d8	10.439	98	477728	30.215	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	1331	0.223	ug/l #	87
44) Isopropyl Acetate	8.569	43	4582	0.390	ug/l #	20
51) Ethyl methacrylate	10.445	69	1788	0.217	ug/l #	72
59) 2-Hexanone	11.080	43	1089	0.226	ug/l #	46
77) t-1,4-Dichloro-2-butene	12.727	75	53394	24.417	ug/l #	8
91) Naphthalene	15.509	128	1502	6.975	ug/l #	68

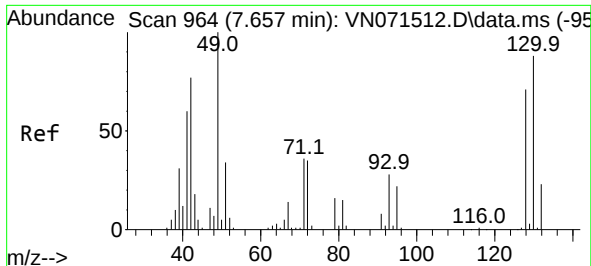
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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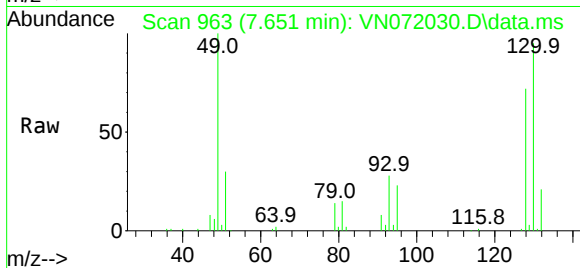
Quant Time: Apr 18 15:24:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration



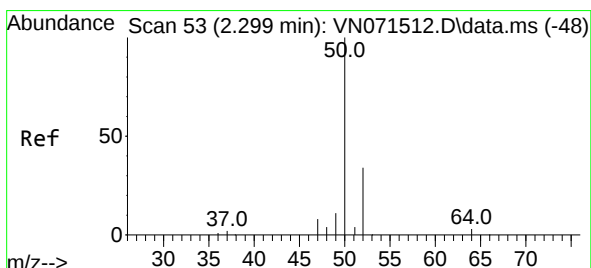
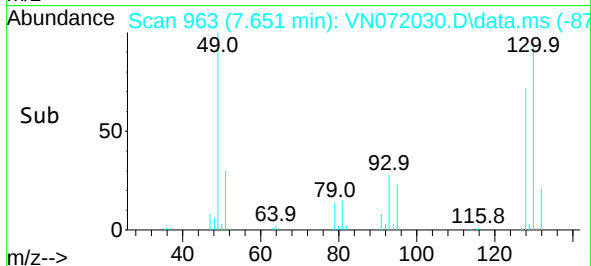
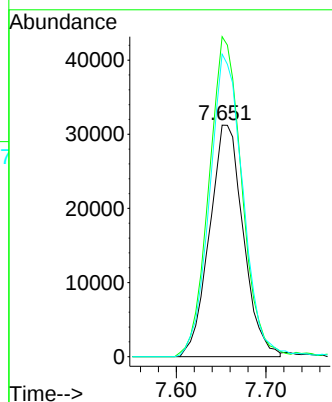


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 964
Delta R.T. -0.006 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

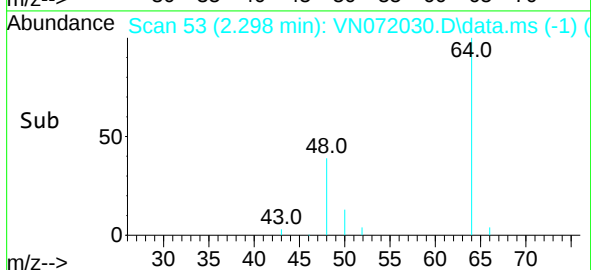
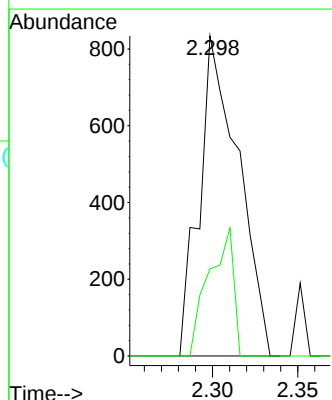
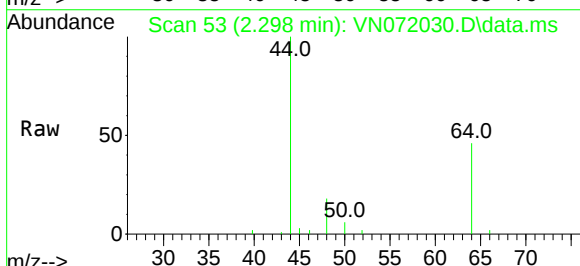


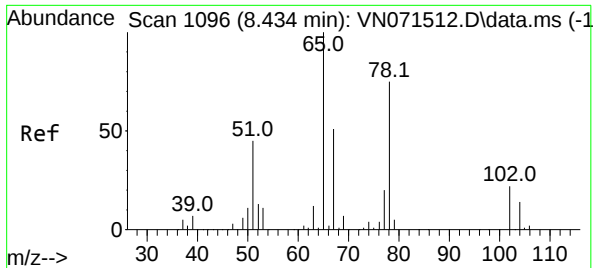
Tgt Ion:128 Resp: 81475
Ion Ratio Lower Upper
128 100
49 134.6 0.0 392.3
130 128.8 0.0 320.2



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 50 Resp: 1331
Ion Ratio Lower Upper
50 100
52 27.2 27.8 41.6#

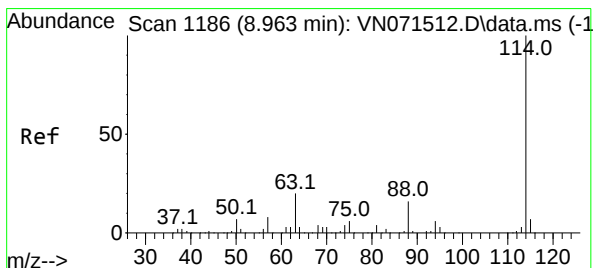
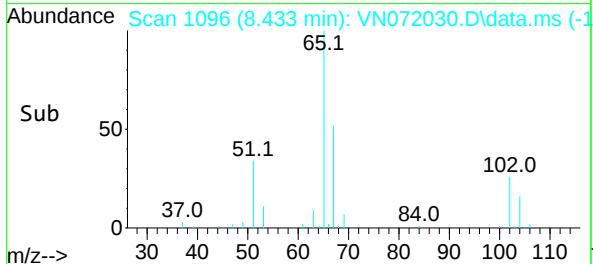
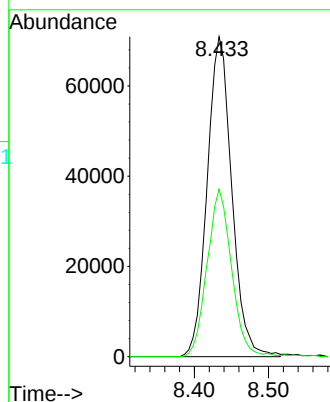
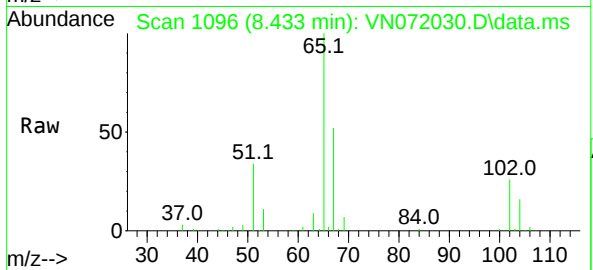




#27
1,2-Dichloroethane-d4
Concen: 28.493 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

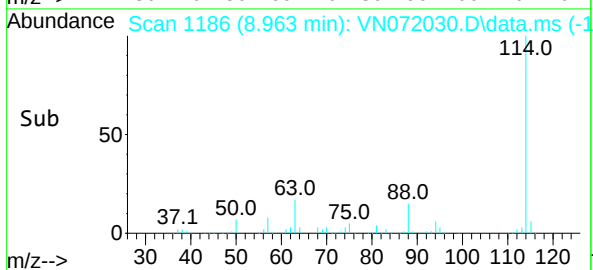
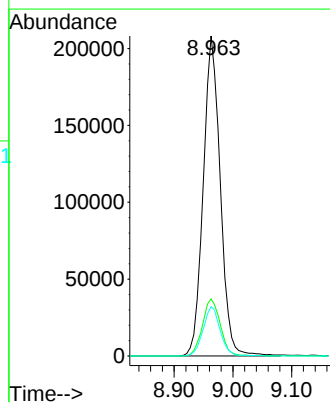
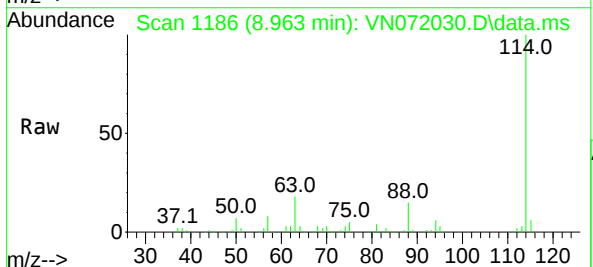
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

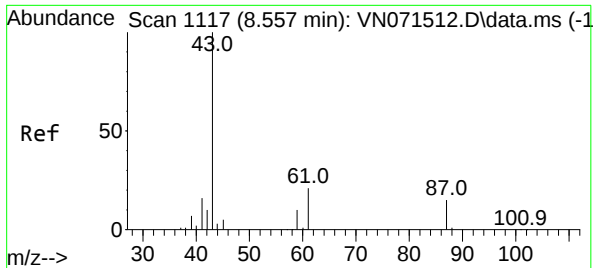
Tgt Ion: 65 Resp: 163560
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 114 Resp: 419550
Ion Ratio Lower Upper
114 100
63 18.6 15.8 23.6
88 15.3 11.6 17.4

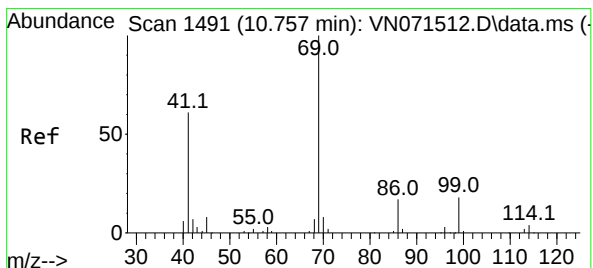
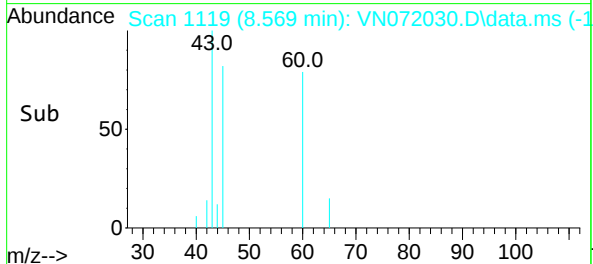
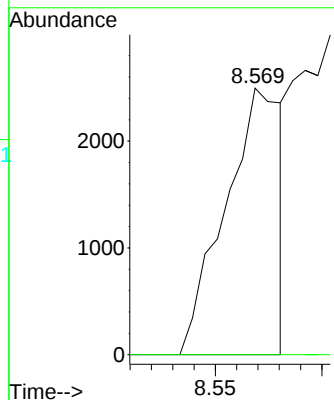
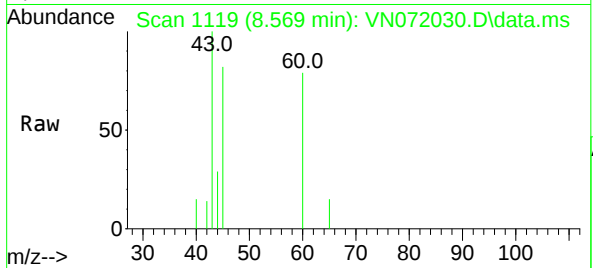




#44
Isopropyl Acetate
Concen: 0.390 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.011 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

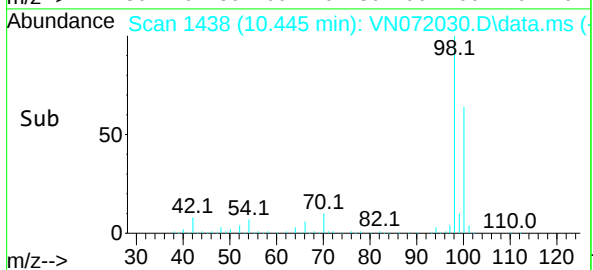
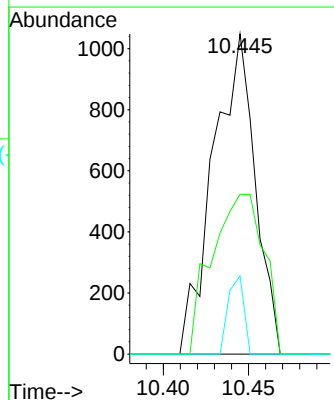
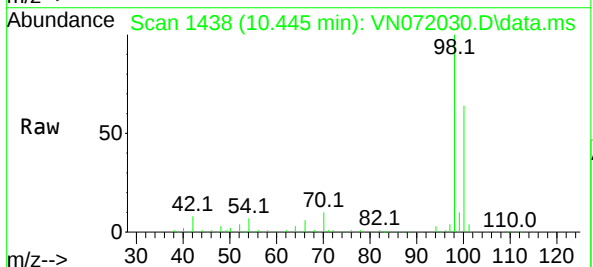
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

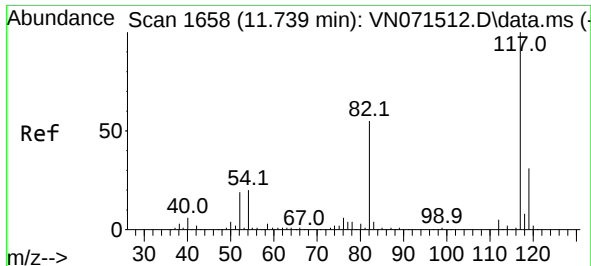
Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
61 65.2 20.1 30.1#



#51
Ethyl methacrylate
Concen: 0.217 ug/l
RT: 10.445 min Scan# 1438
Delta R.T. -0.312 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 69 Resp: 1788
Ion Ratio Lower Upper
69 100
41 49.9 33.0 98.9
39 24.4 25.4 76.4#

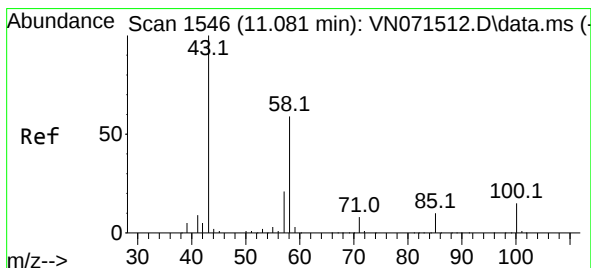
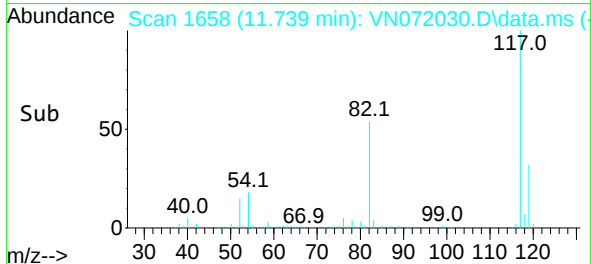
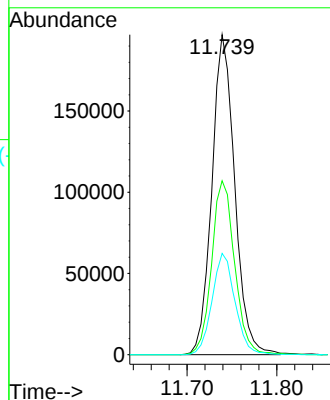
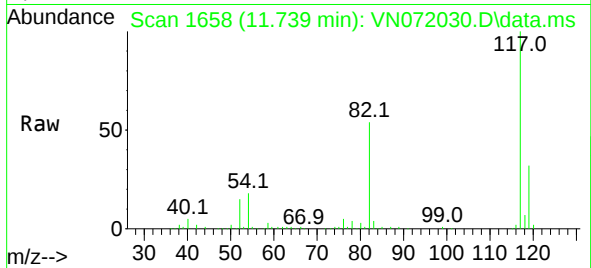




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

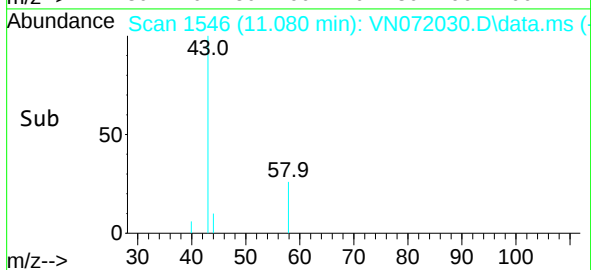
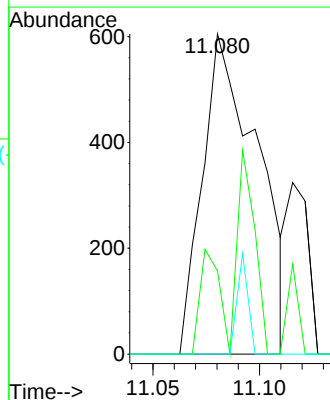
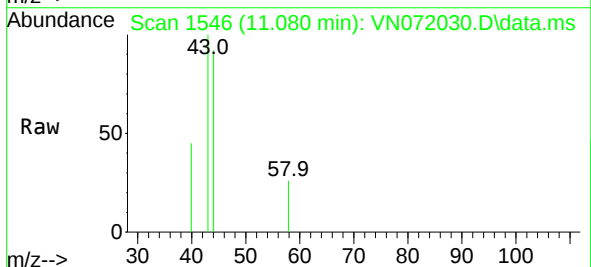
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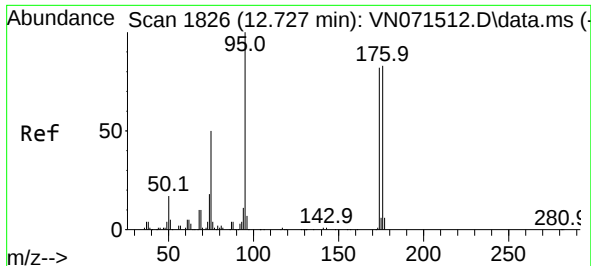
Tgt Ion:117 Resp: 348303
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.8 25.8 38.6



#59
2-Hexanone
Concen: 0.226 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 11.5 42.2 63.2#
57 0.0 15.0 22.4#

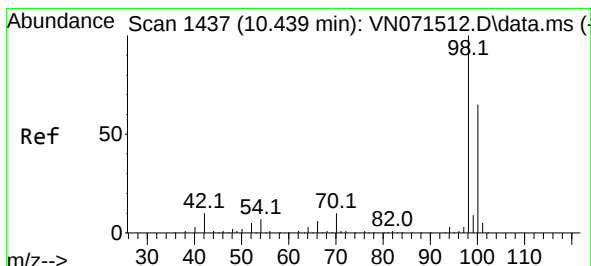
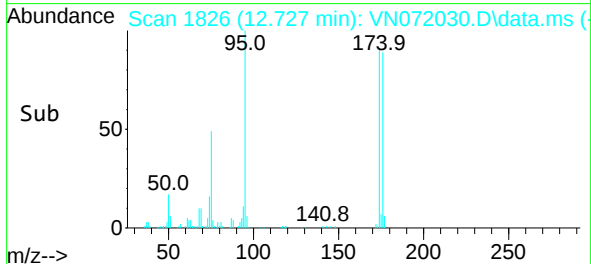
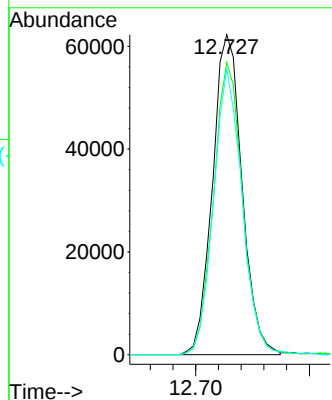
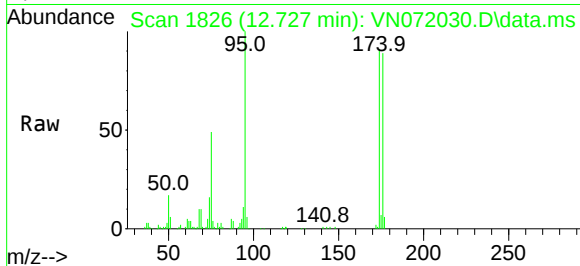




#60
4-Bromofluorobenzene
Concen: 21.743 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

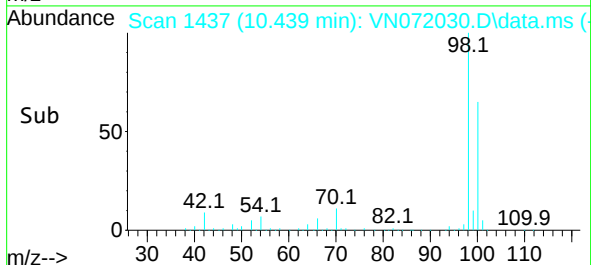
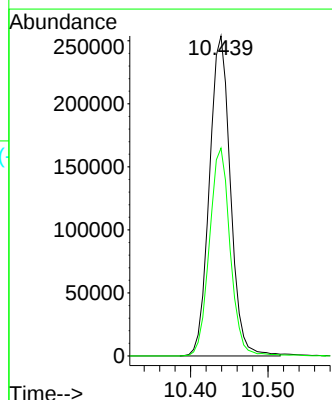
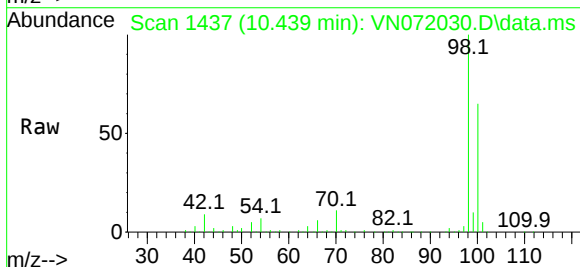
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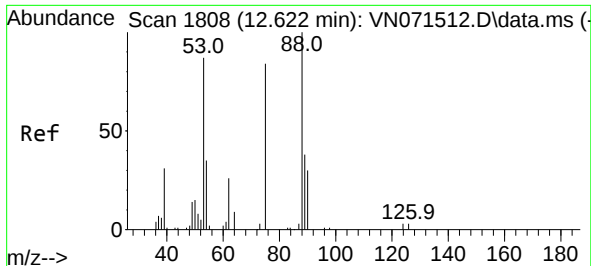
Tgt Ion: 95 Resp: 112291
Ion Ratio Lower Upper
95 100
174 89.9 62.9 94.3
176 86.4 61.0 91.4



#63
Toluene-d8
Concen: 30.215 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 98 Resp: 477728
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

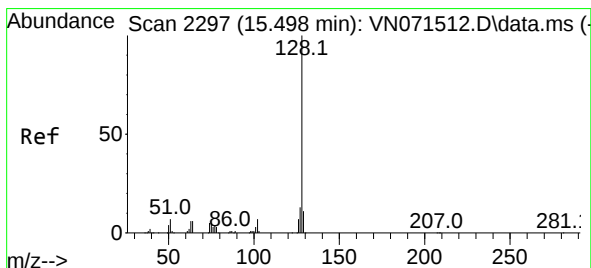
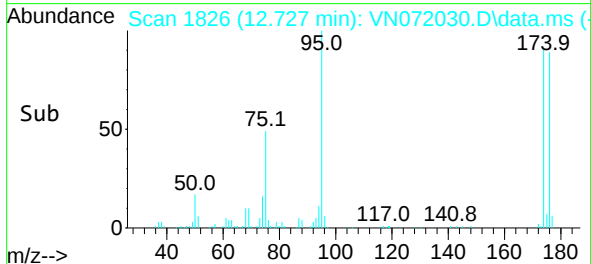
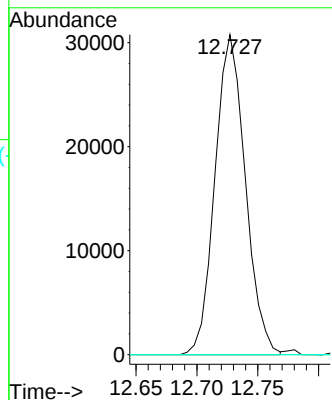
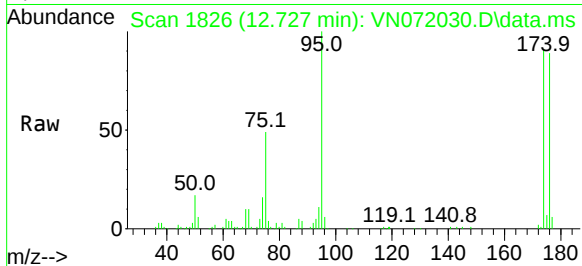




#77
t-1,4-Dichloro-2-butene
Concen: 24.417 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBL01

Tgt Ion: 75 Resp: 53394
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 6.975 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN072030.D
Acq: 18 Apr 2022 12:24

Tgt Ion: 128 Resp: 1502
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.6#

