

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070158.D
 Acq On : 17 Dec 2021 12:31
 Operator : JC/MD
 Sample : M5131-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:29:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

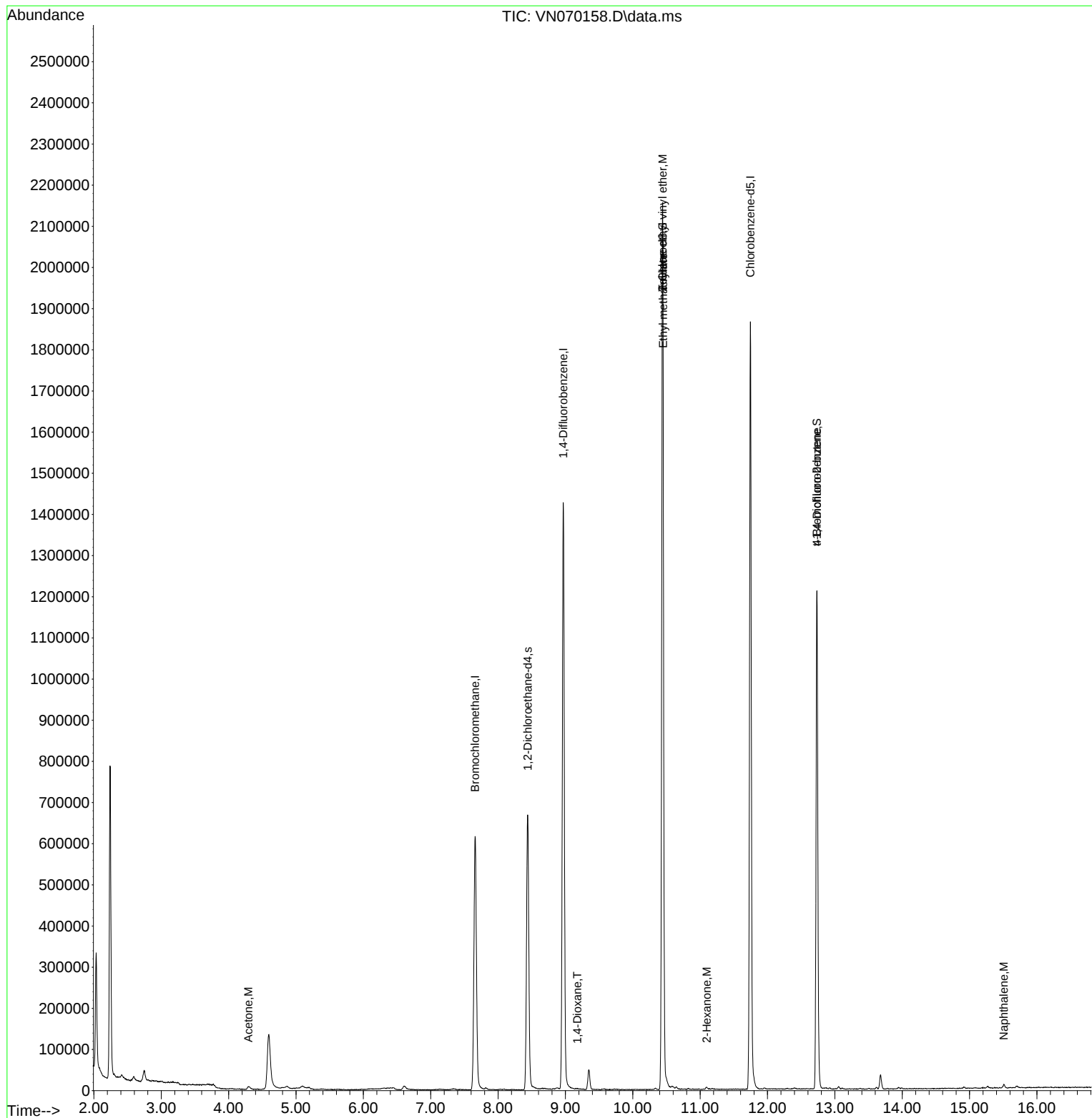
Internal Standards						
1) Bromochloromethane	7.659	128	215140	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1208687	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.747	117	1052317	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	591073	31.002	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	12.734	95	437604	25.272	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.233%
63) Toluene-d8	10.443	98	1483554	30.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%
Target Compounds						Qvalue
15) Acetone	4.293	58	1371	0.433	ug/l	97
45) 1,4-Dioxane	9.177	88	84	0.297	ug/l	# 1
51) Ethyl methacrylate	10.451	69	5454	0.232	ug/l	74
55) 2-Chloroethyl vinyl ether	10.443	63	1754	0.381	ug/l	# 1
59) 2-Hexanone	11.098	43	4333	0.243	ug/l	# 63
77) t-1,4-Dichloro-2-butene	12.734	75	240822	38.453	ug/l	# 8
91) Naphthalene	15.507	128	7588	8.203	ug/l	# 78

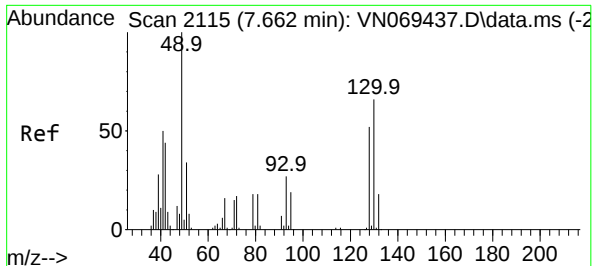
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN070158.D
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Misc : 5.00mL/MSVOA_N/WATER
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MSVOA_N
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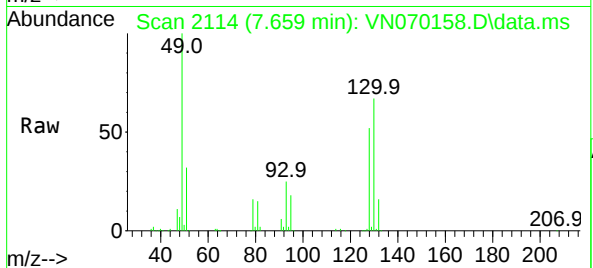
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 14 00:59:04 2021
Response via : Initial Calibration



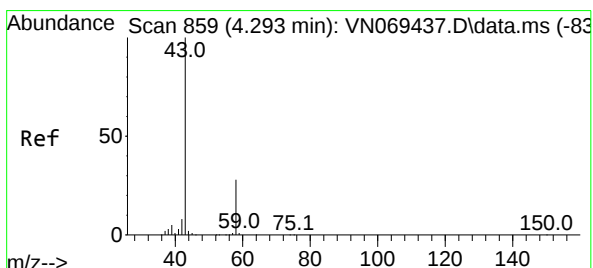
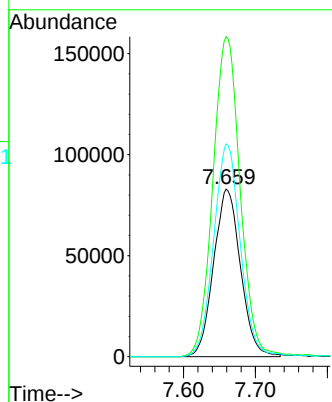
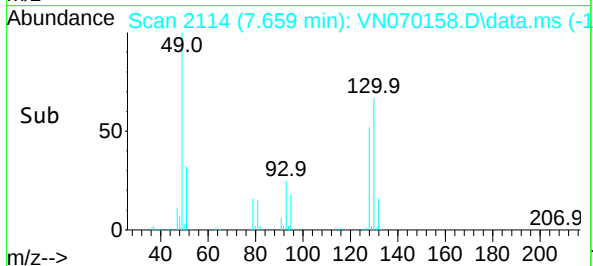


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :

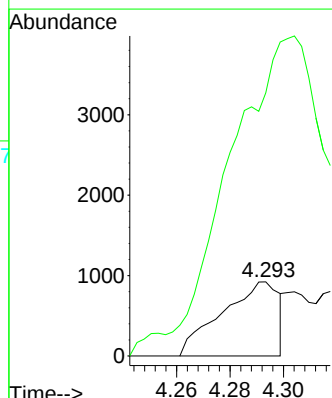
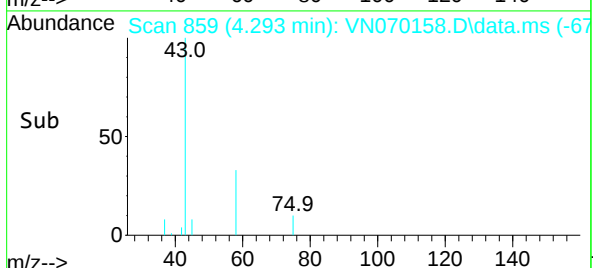
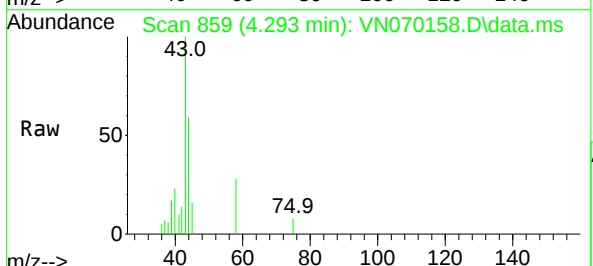


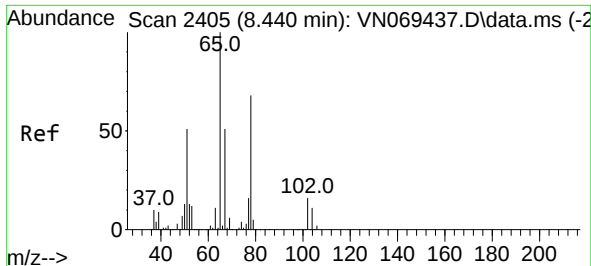
Tgt Ion:128 Resp: 215140
Ion Ratio Lower Upper
128 100
49 193.3 0.0 392.3
130 126.0 0.0 320.2



#15
Acetone
Concen: 0.433 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Tgt Ion: 58 Resp: 1371
Ion Ratio Lower Upper
58 100
43 313.6 256.6 384.8

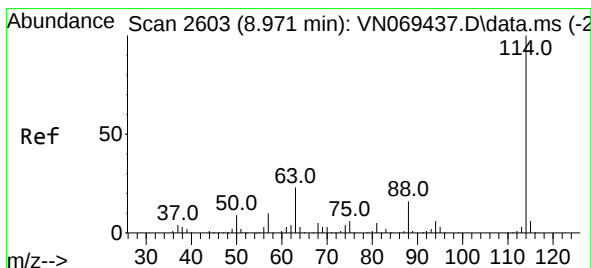
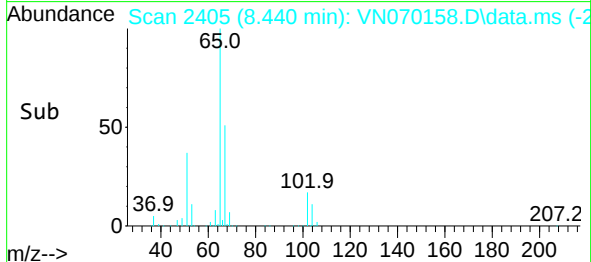
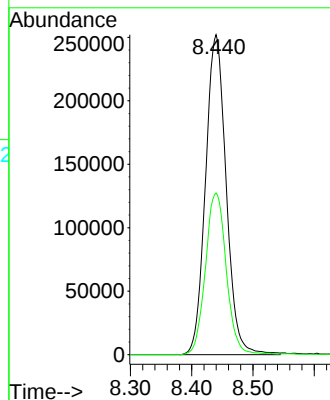
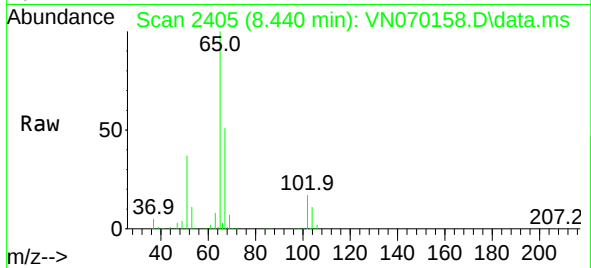




#27
 1,2-Dichloroethane-d4
 Concen: 31.002 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN070158.D
 Acq: 17 Dec 2021 12:31

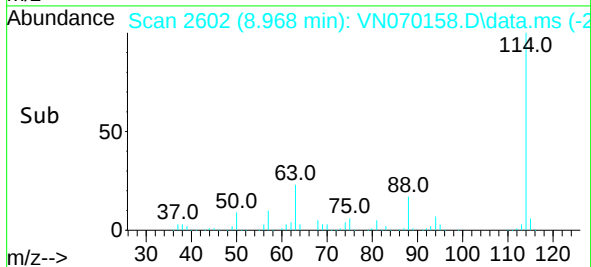
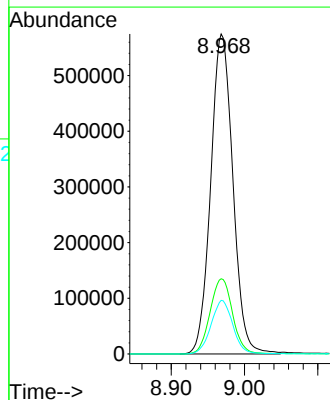
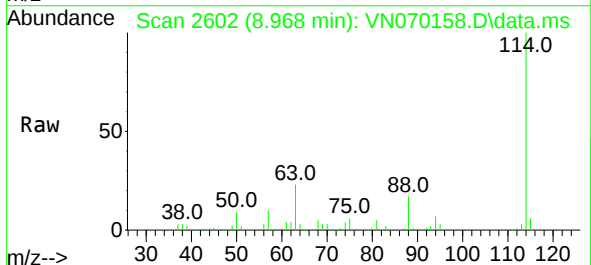
Instrument :
 MSVOA_N
 ClientSampleId :

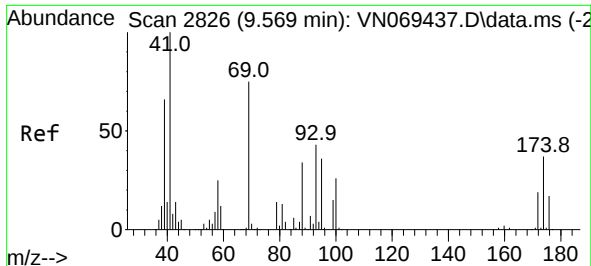
Tgt Ion: 65 Resp: 591073
 Ion Ratio Lower Upper
 65 100
 67 50.9 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070158.D
 Acq: 17 Dec 2021 12:31

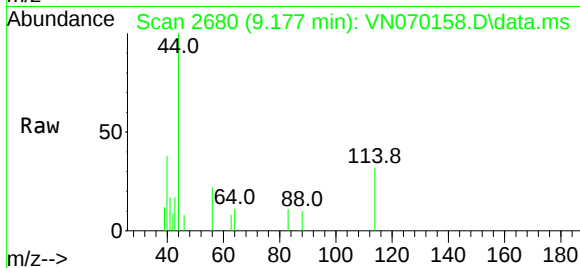
Tgt Ion: 114 Resp: 1208687
 Ion Ratio Lower Upper
 114 100
 63 23.8 15.8 23.6#
 88 16.4 11.6 17.4



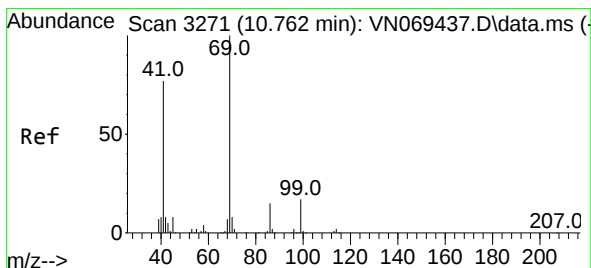
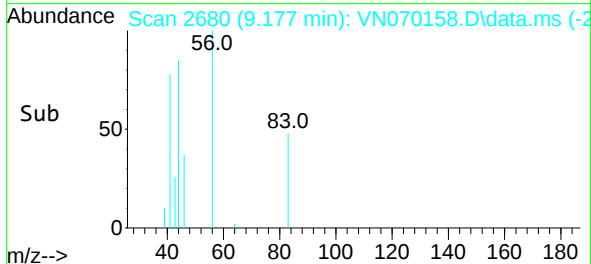
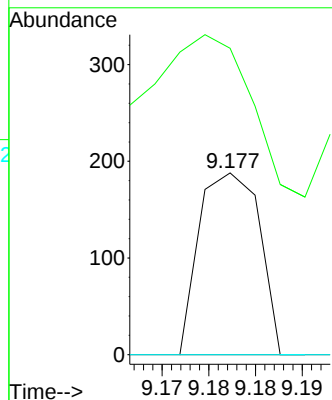


#45
1,4-Dioxane
Concen: 0.297 ug/l
RT: 9.177 min Scan# 21
Delta R.T. -0.392 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :

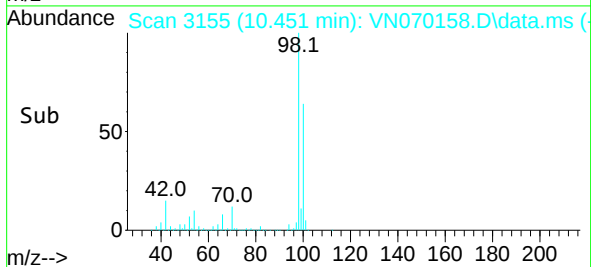
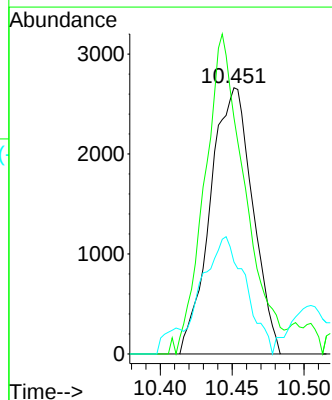
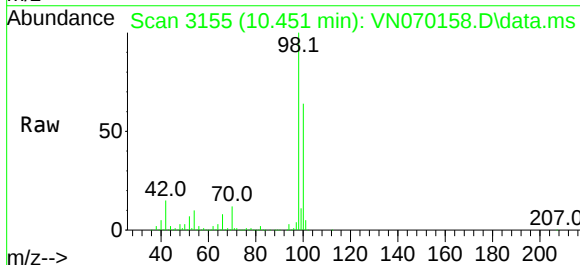


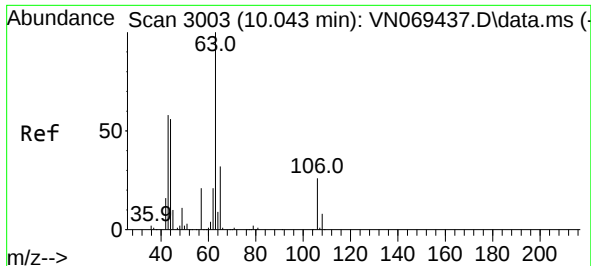
Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 401.2 25.0 37.6#
58 0.0 49.4 74.2#



#51
Ethyl methacrylate
Concen: 0.232 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.308 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

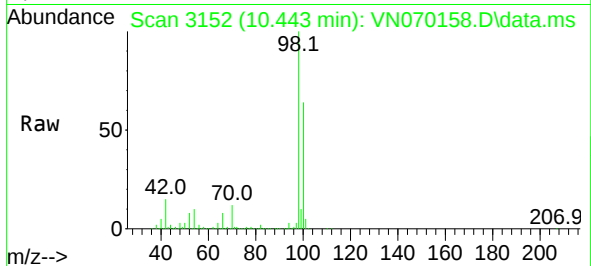
Tgt Ion: 69 Resp: 5454
Ion Ratio Lower Upper
69 100
41 82.5 33.0 98.9
39 28.4 25.4 76.4



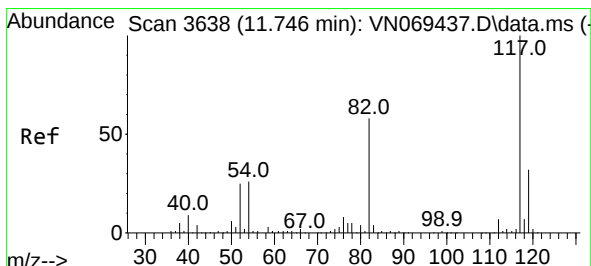
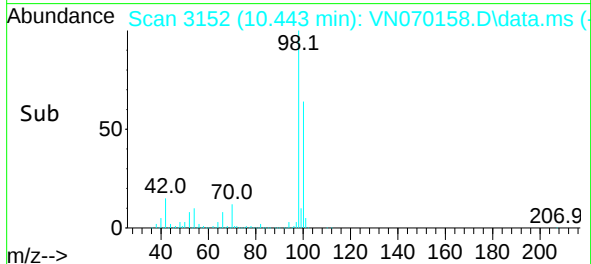
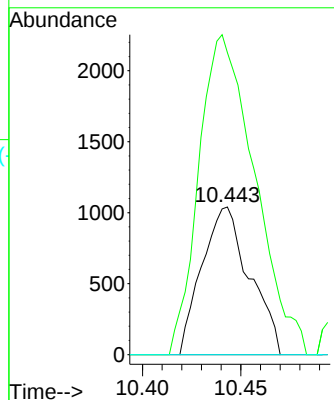


#55
 2-Chloroethyl vinyl ether
 Concen: 0.381 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.402 min
 Lab File: VN070158.D
 Acq: 17 Dec 2021 12:31

Instrument :
 MSVOA_N
 ClientSampleId :

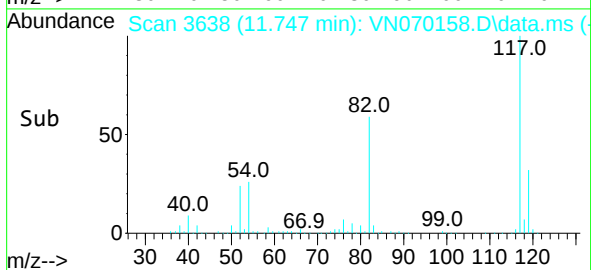
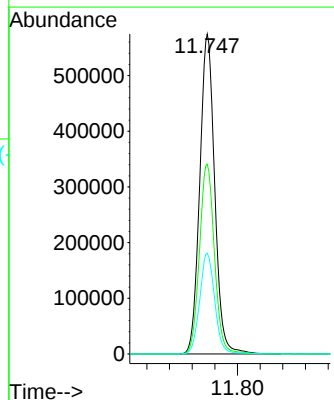
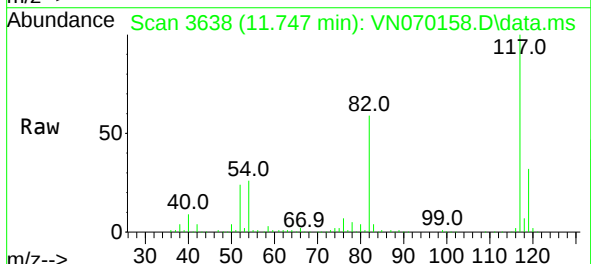


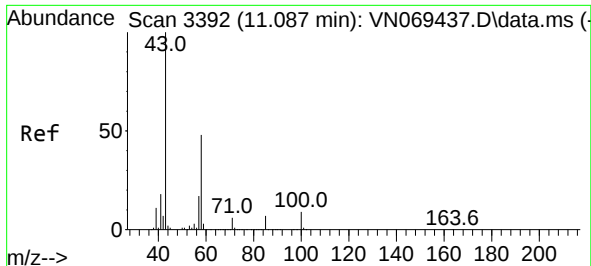
Tgt Ion: 63 Resp: 1754
 Ion Ratio Lower Upper
 63 100
 65 249.9 25.4 38.0#
 106 0.0 23.2 34.8#



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.747 min Scan# 3638
 Delta R.T. 0.003 min
 Lab File: VN070158.D
 Acq: 17 Dec 2021 12:31

Tgt Ion: 117 Resp: 1052317
 Ion Ratio Lower Upper
 117 100
 82 59.7 43.6 65.4
 119 31.7 25.8 38.6

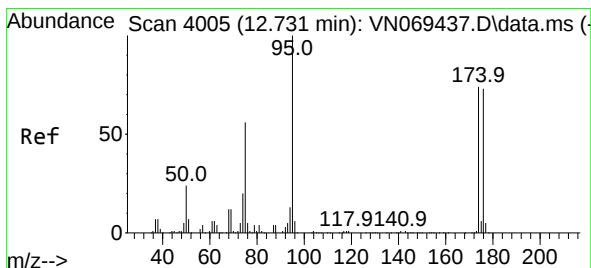
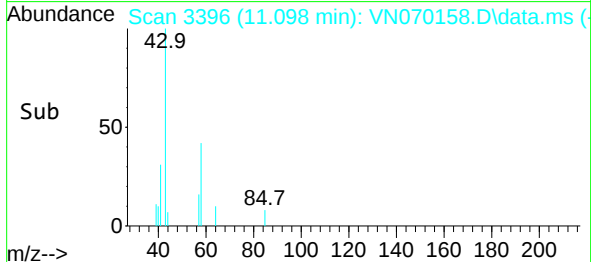
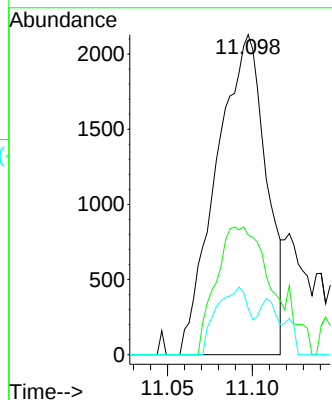
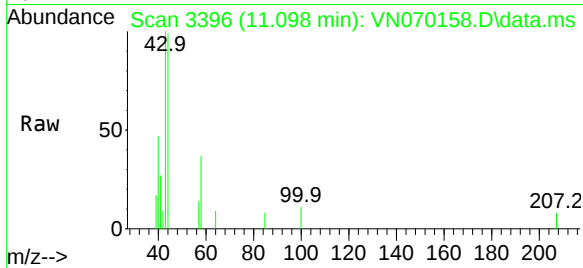




#59
2-Hexanone
Concen: 0.243 ug/l
RT: 11.098 min Scan# 31
Delta R.T. 0.013 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

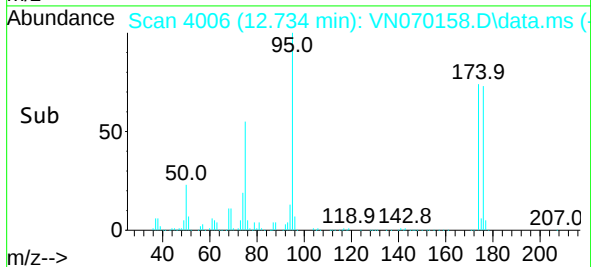
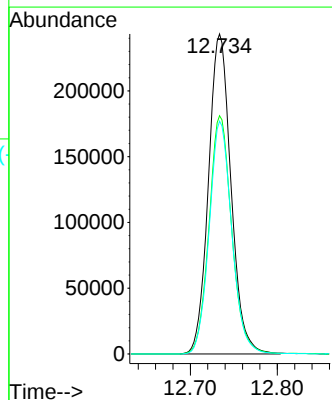
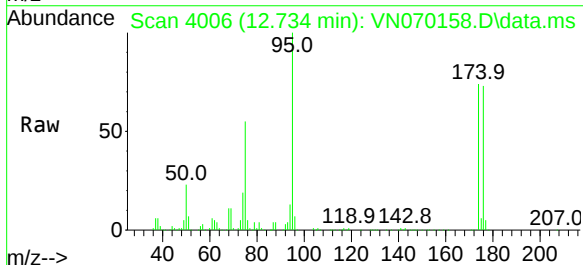
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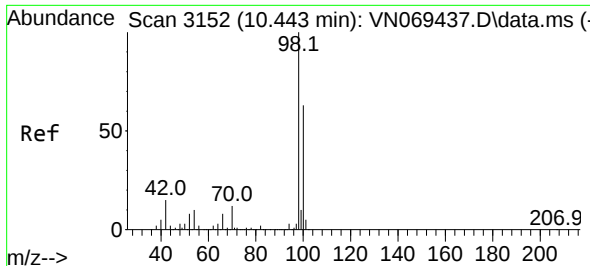
Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
58 19.8 42.2 63.2#
57 13.7 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 25.272 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

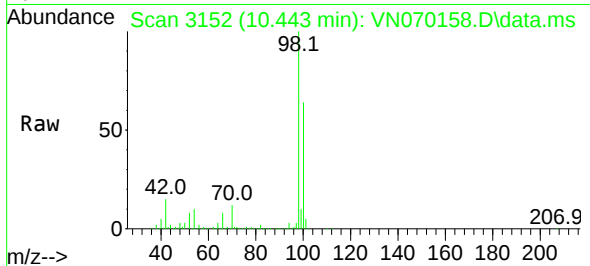
Tgt Ion: 95 Resp: 437604
Ion Ratio Lower Upper
95 100
174 75.1 62.9 94.3
176 72.9 61.0 91.4



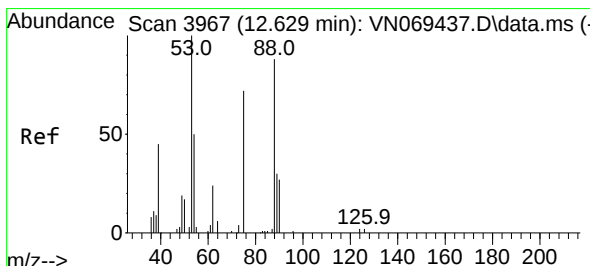
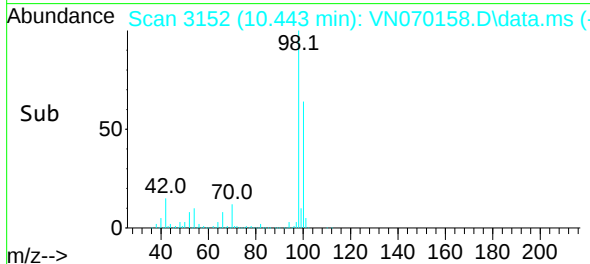
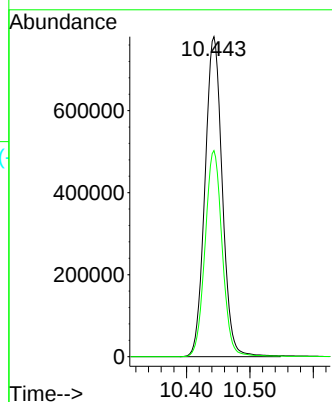


#63
Toluene-d8
Concen: 30.507 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :

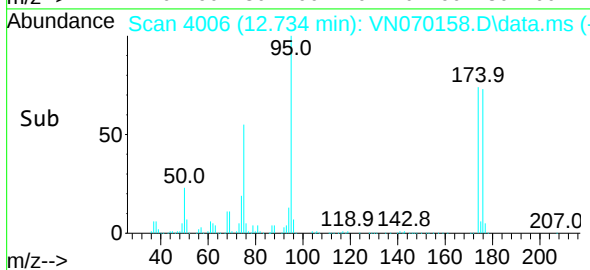
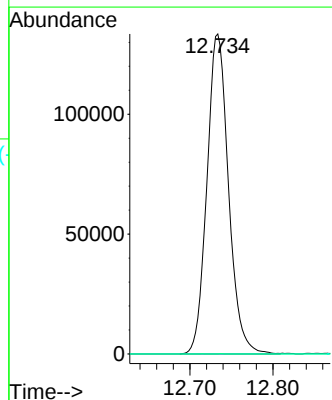
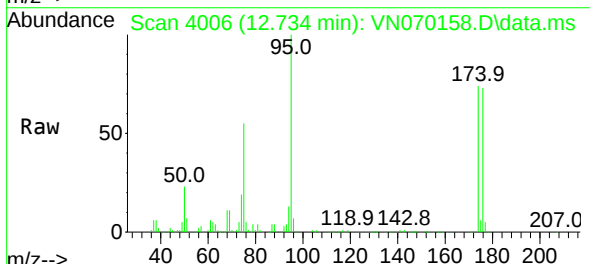


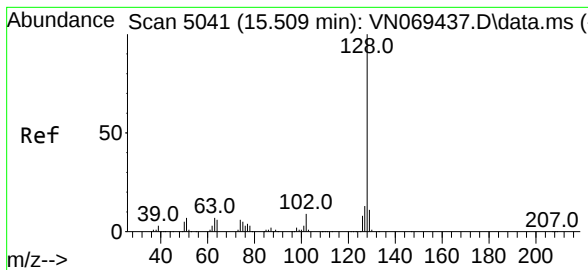
Tgt Ion: 98 Resp: 1483554
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 38.453 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.110 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

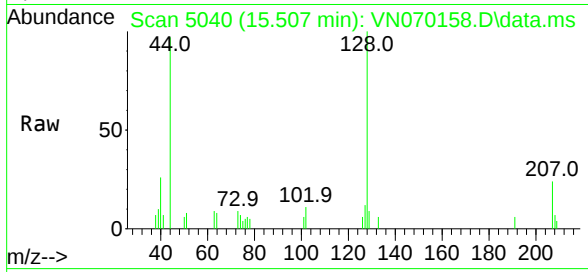
Tgt Ion: 75 Resp: 240822
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
Naphthalene
Concen: 8.203 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN070158.D
Acq: 17 Dec 2021 12:31

Instrument :
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ClientSampleId :



Tgt Ion:	128	Resp:	7588
Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.7	16.1#
129	4.3	9.0	13.6#

