

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074068.D
 Acq On : 23 Aug 2022 15:11
 Operator : JC\MD
 Sample : N4277-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-1

Quant Time: Aug 24 01:21:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

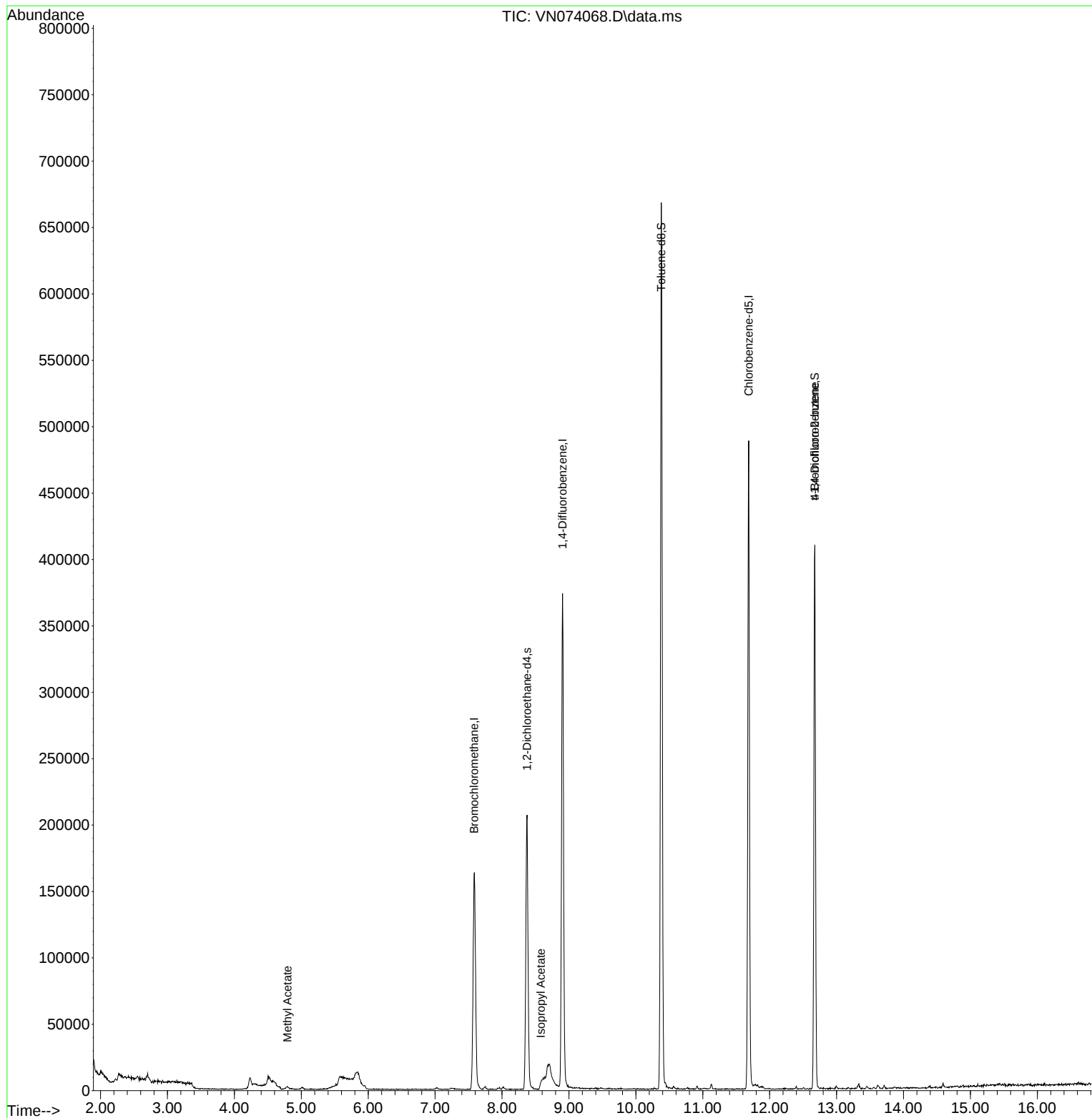
Internal Standards						
1) Bromochloromethane	7.581	128	68020	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	344263	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	298416	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	171694	29.194	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.300%
60) 4-Bromofluorobenzene	12.674	95	141367	26.754	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.167%
63) Toluene-d8	10.381	98	480229	28.580	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.267%
Target Compounds						
					Qvalue	
12) Methyl Acetate	4.793	43	3297	0.456	ug/l	93
44) Isopropyl Acetate	8.581	43	2790	0.238	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.674	75	68990	29.937	ug/l #	8

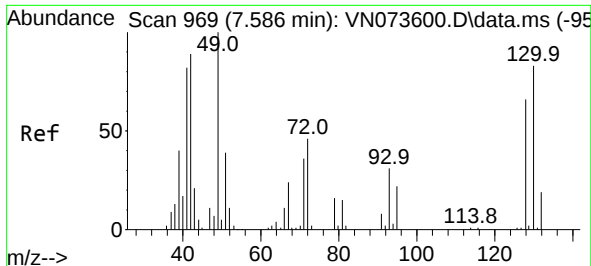
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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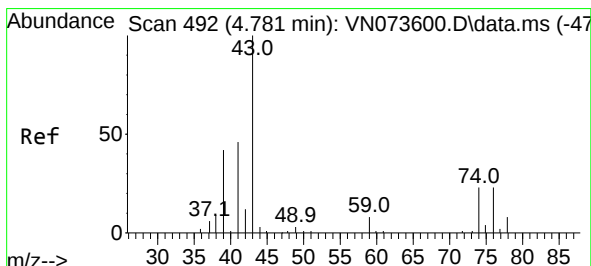
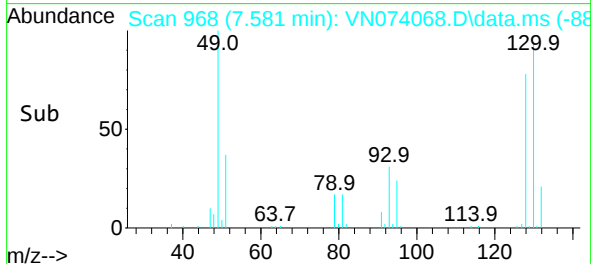
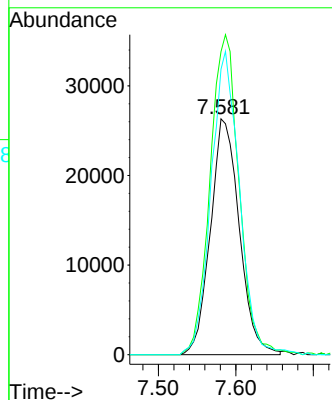
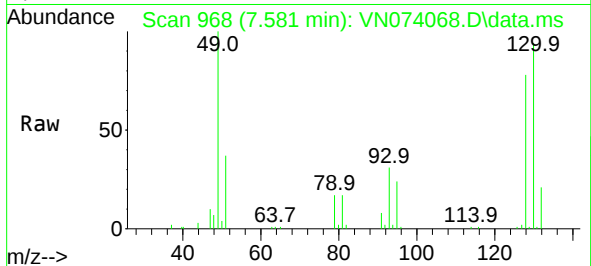




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.005 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

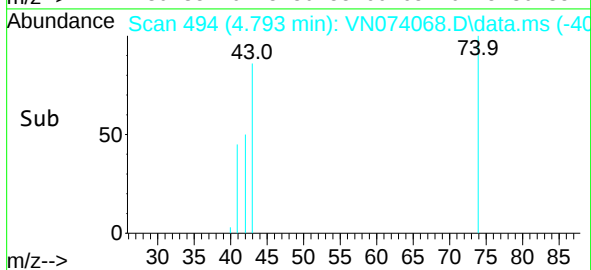
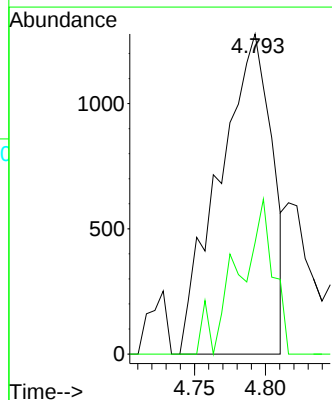
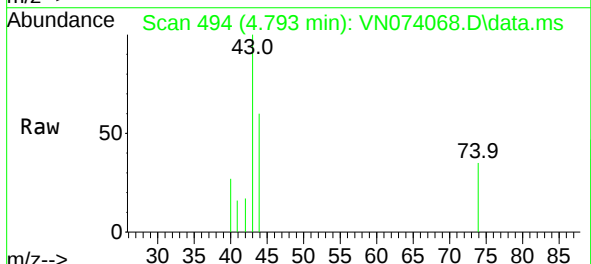
Instrument :
MSVOA_N
ClientSampleId :
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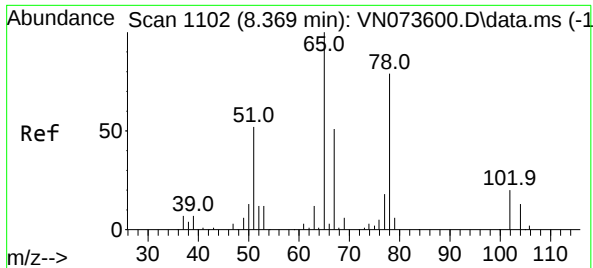
Tgt Ion:128 Resp: 68020
Ion Ratio Lower Upper
128 100
49 136.9 0.0 392.3
130 126.0 0.0 320.2



#12
Methyl Acetate
Concen: 0.456 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

Tgt Ion: 43 Resp: 3297
Ion Ratio Lower Upper
43 100
74 29.7 20.8 31.2

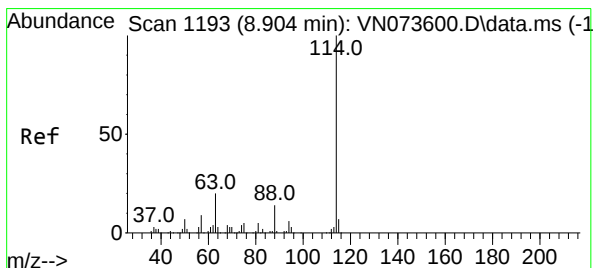
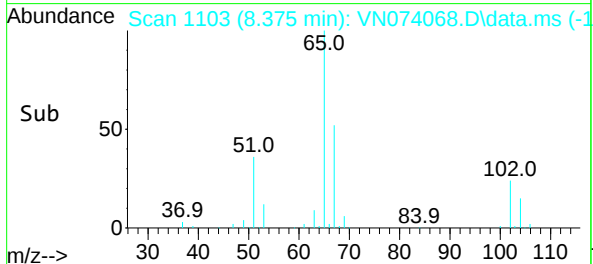
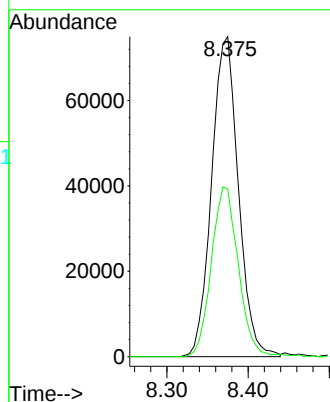
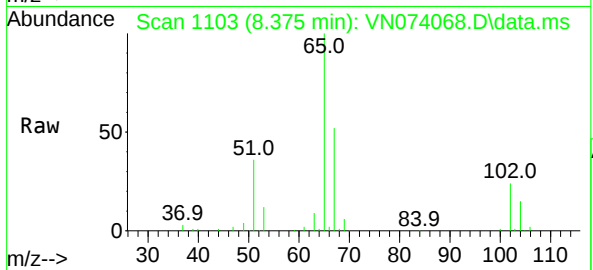




#27
1,2-Dichloroethane-d4
Concen: 29.194 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

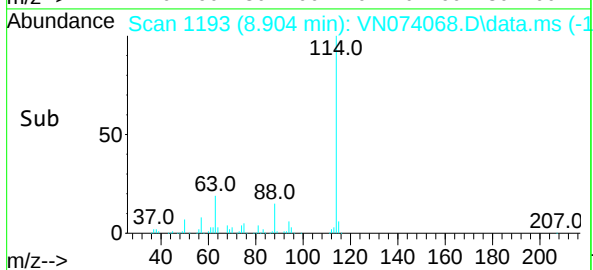
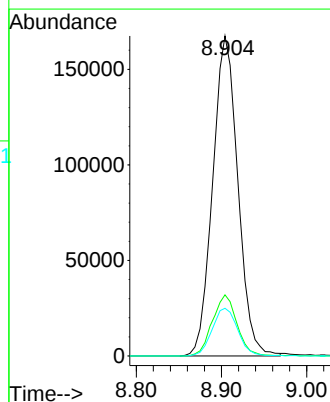
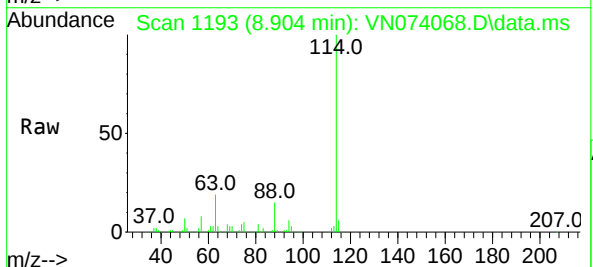
Instrument :
MSVOA_N
ClientSampleId :
B-1

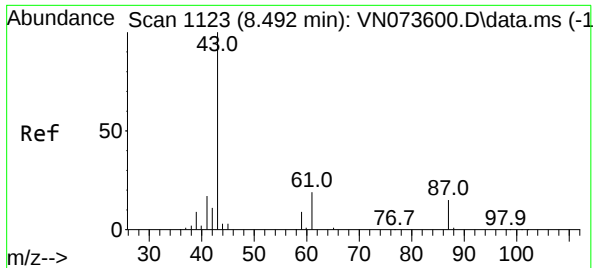
Tgt Ion: 65 Resp: 171694
Ion Ratio Lower Upper
65 100
67 53.1 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

Tgt Ion: 114 Resp: 344263
Ion Ratio Lower Upper
114 100
63 18.7 15.8 23.6
88 15.1 11.6 17.4

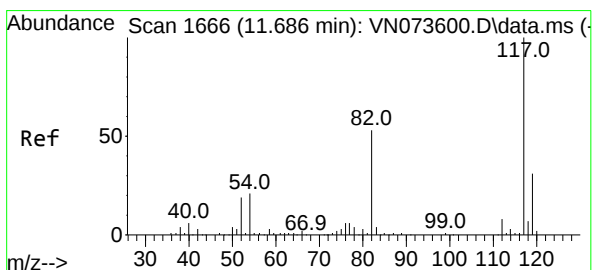
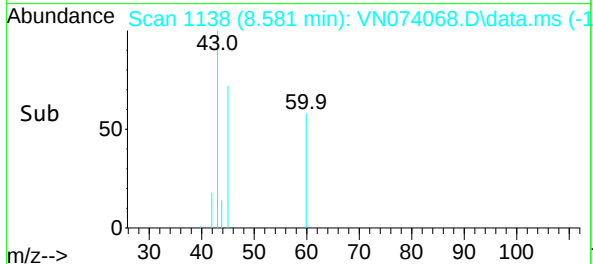
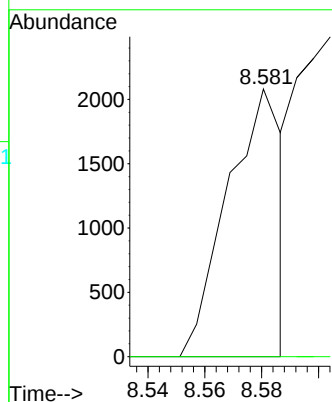
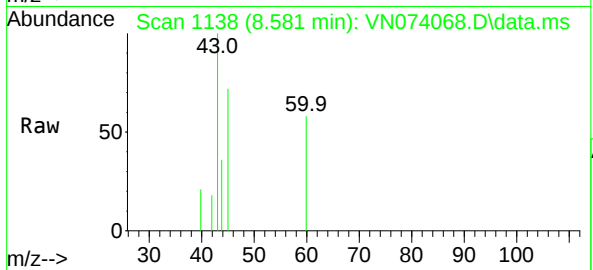




#44
Isopropyl Acetate
Concen: 0.238 ug/l
RT: 8.581 min Scan# 1138
Delta R.T. 0.088 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

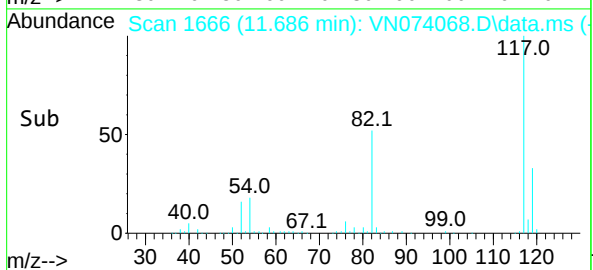
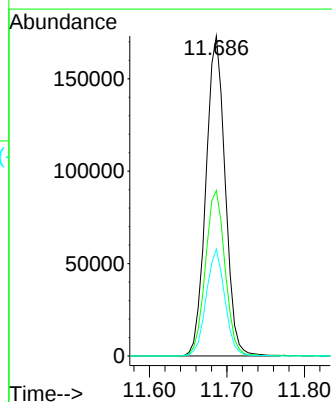
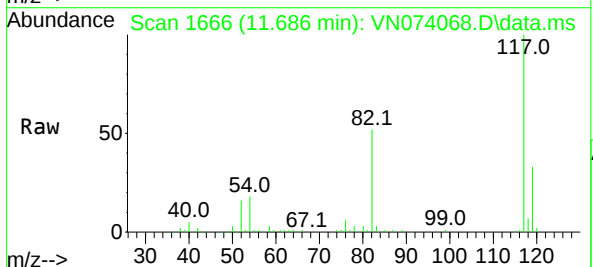
Instrument :
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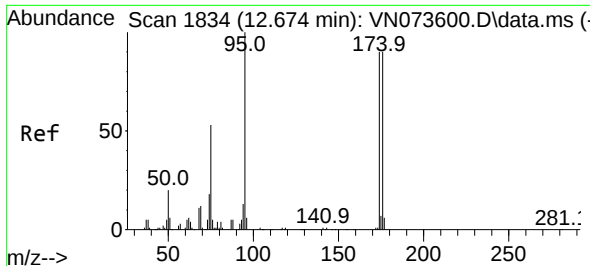
Tgt Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
61 107.5 20.1 30.1#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

Tgt Ion: 117 Resp: 298416
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 32.3 25.8 38.6

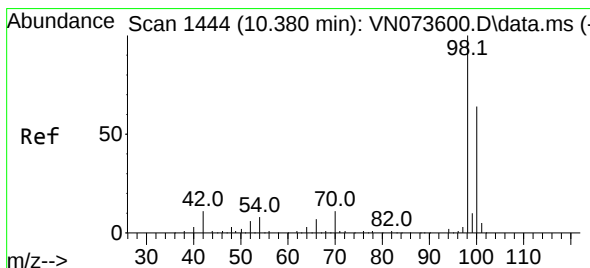
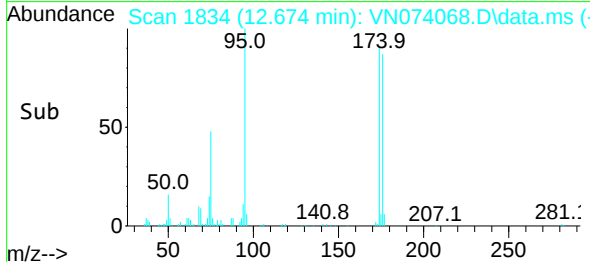
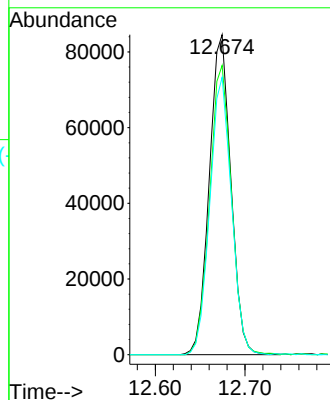
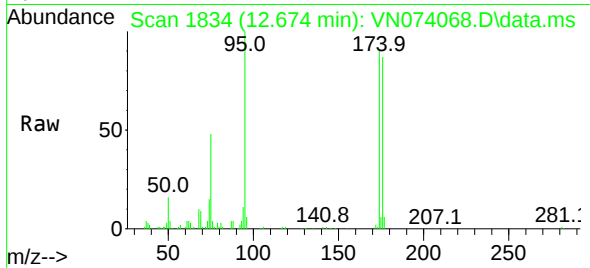




#60
4-Bromofluorobenzene
Concen: 26.754 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

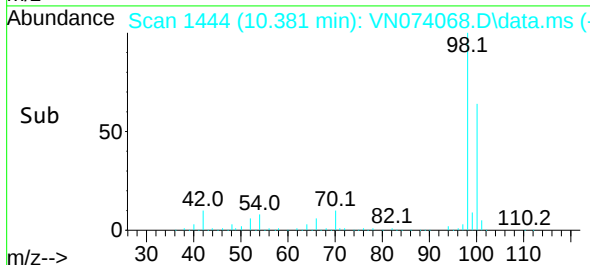
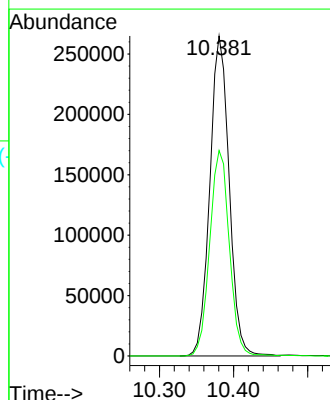
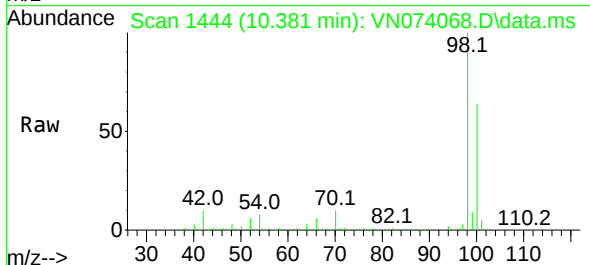
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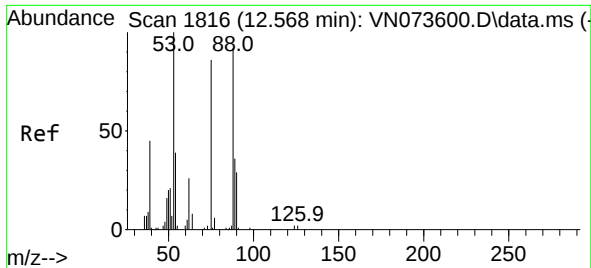
Tgt Ion: 95 Resp: 141367
Ion Ratio Lower Upper
95 100
174 91.3 62.9 94.3
176 86.6 61.0 91.4



#63
Toluene-d8
Concen: 28.580 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074068.D
Acq: 23 Aug 2022 15:11

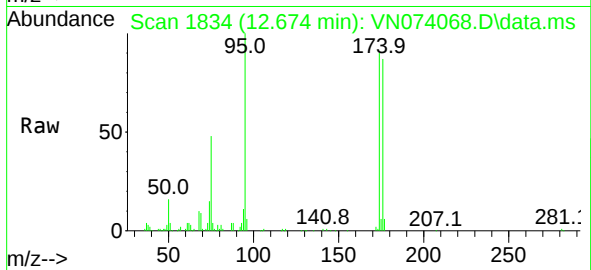
Tgt Ion: 98 Resp: 480229
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0





#77
 t-1,4-Dichloro-2-butene
 Concen: 29.937 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN074068.D
 Acq: 23 Aug 2022 15:11

Instrument :
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Tgt Ion: 75 Resp: 68990
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.5#
 89 0.0 22.9 68.7#

