

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067749.D
 Acq On : 14 Jul 2021 17:33
 Operator : JC/MD
 Sample : M3004-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
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 7/16/2021 10:43:28 AM

Quant Time: Jul 15 06:29:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	61425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	359234	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	321725	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	166415	33.535	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.767%#
60) 4-Bromofluorobenzene	12.734	95	134797	25.799	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.000%
63) Toluene-d8	10.443	98	450795	30.464	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.533%
Target Compounds						
15) Acetone	4.293	58	88868	200.468	ug/l	96
18) Methylene Chloride	5.090	84	3160m	0.766	ug/l	
25) Chloroform	7.823	83	10047	1.322	ug/l	98

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

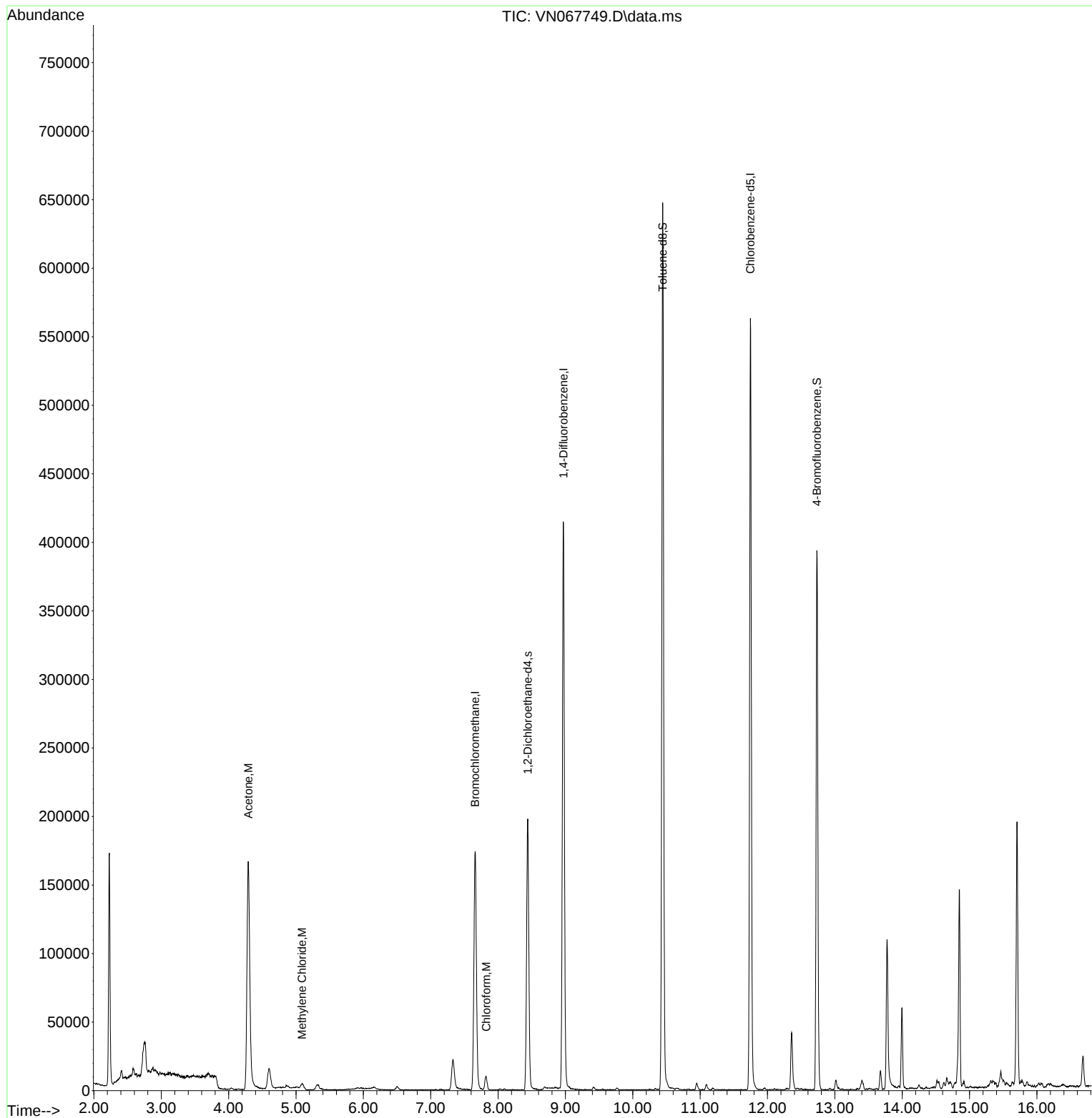
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067749.D
Acq On : 14 Jul 2021 17:33
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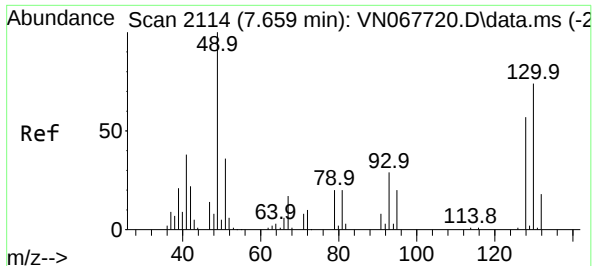
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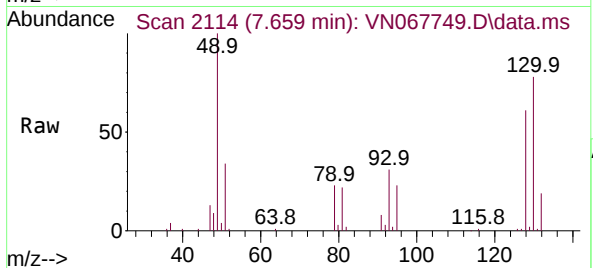
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33

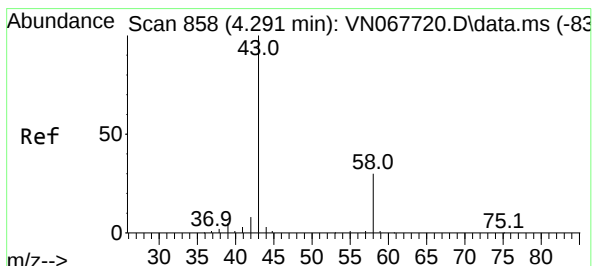
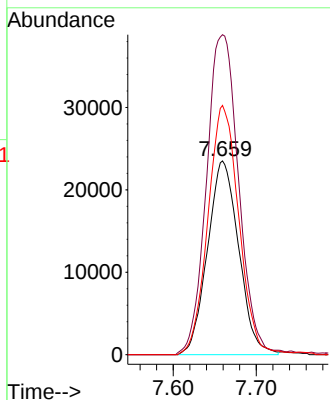
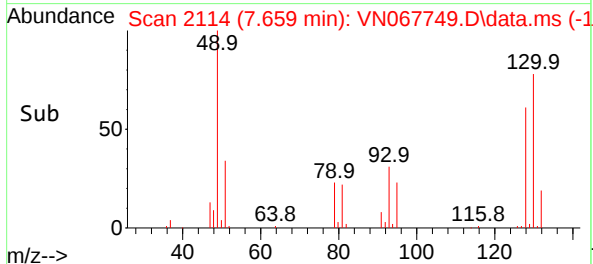
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ClientSampleId :
EFF-WW



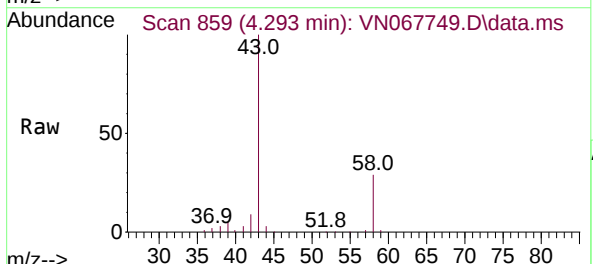
Tgt Ion:128 Resp: 61425
Ion Ratio Lower Upper
128 100
49 170.0 0.0 433.0
130 127.2 0.0 323.8

Manual Integrations
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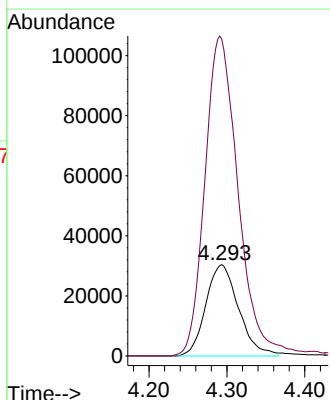
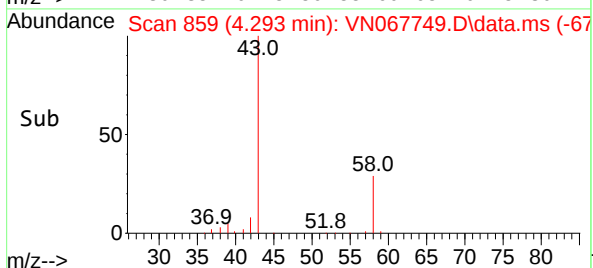
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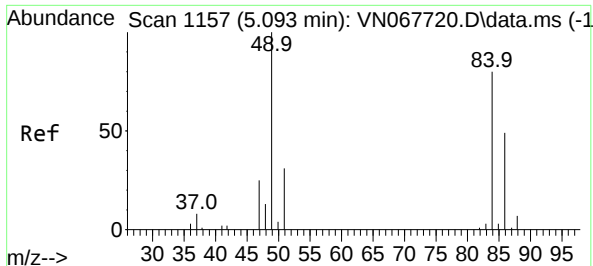


#15
Acetone
Concen: 200.468 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33



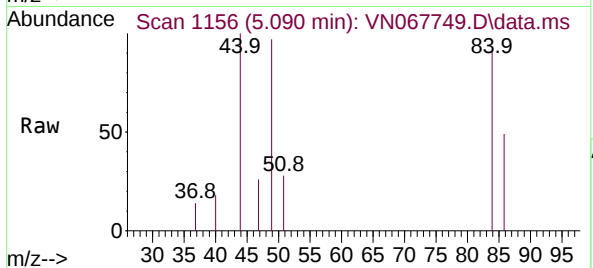
Tgt Ion: 58 Resp: 88868
Ion Ratio Lower Upper
58 100
43 344.7 268.2 402.4





#18
Methylene Chloride
Concen: 0.766 ug/l m
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33

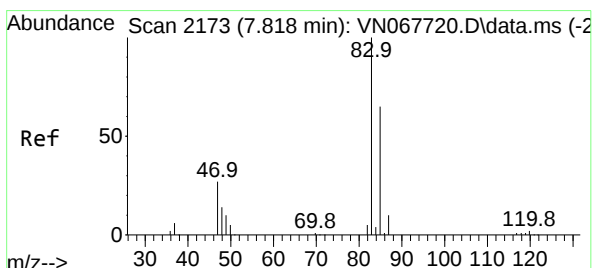
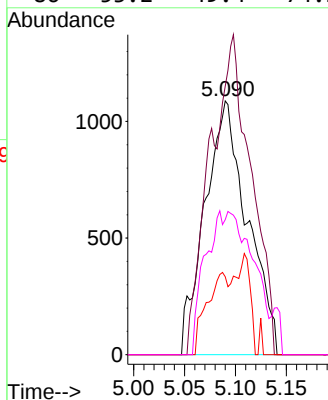
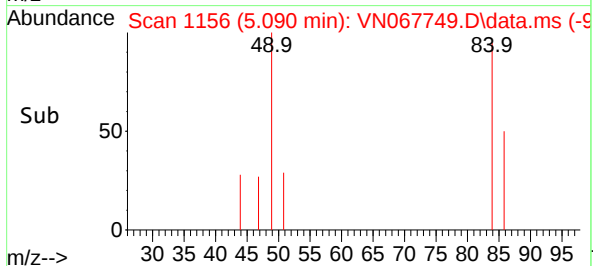
Instrument :
MSVOA_N
ClientSampleId :
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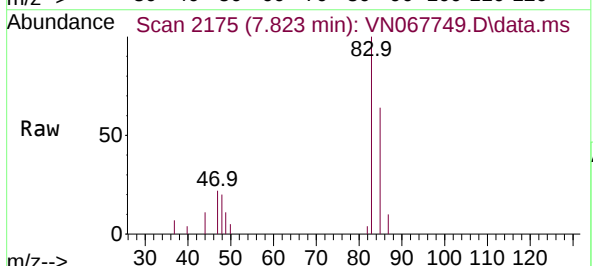
Tgt Ion: 84 Resp: 3160
Ion Ratio Lower Upper
84 100
49 105.8 100.5 150.7
51 30.7 30.7 46.1#
86 53.2 49.4 74.2

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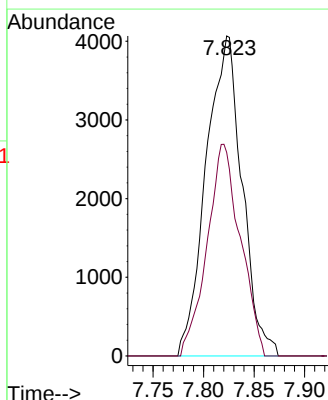
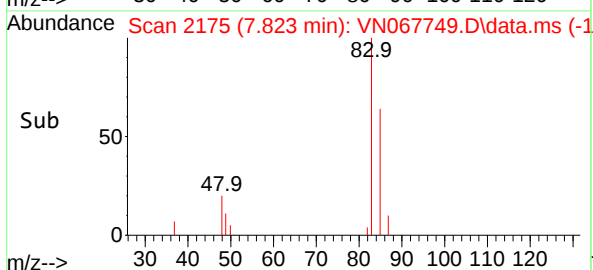
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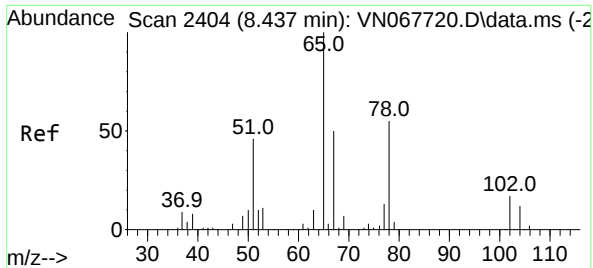


#25
Chloroform
Concen: 1.322 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33



Tgt Ion: 83 Resp: 10047
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5





#27

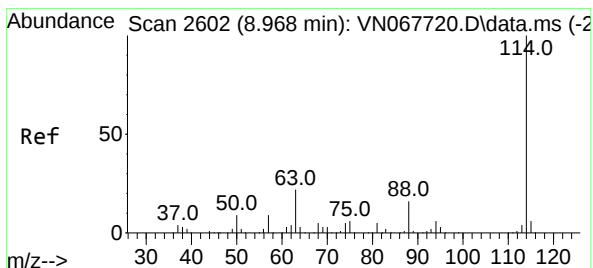
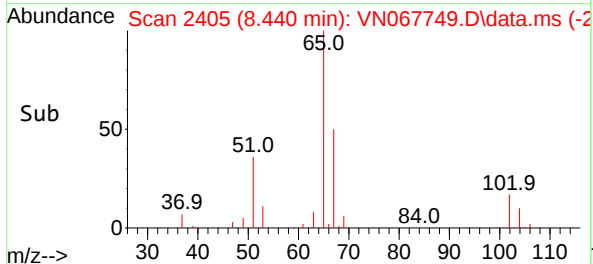
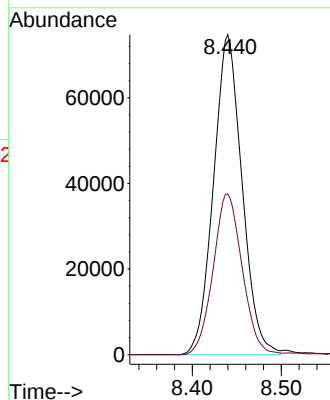
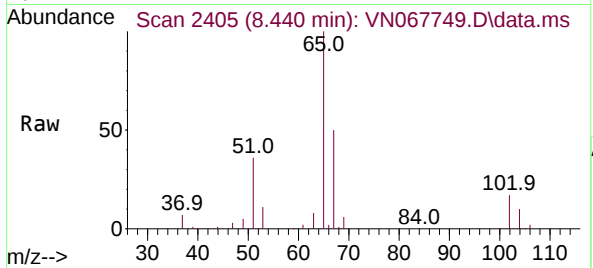
1,2-Dichloroethane-d4
Concen: 33.535 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33

Tgt Ion: 65 Resp: 166415
Ion Ratio Lower Upper
65 100
67 51.1 40.6 60.8

Instrument :
MSVOA_N
ClientSampled :
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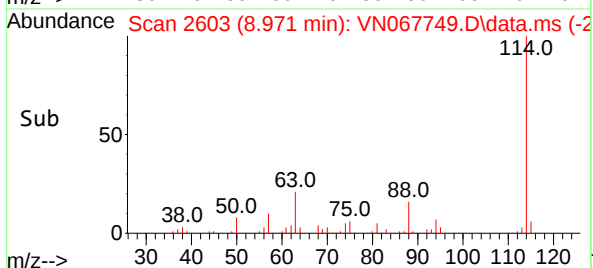
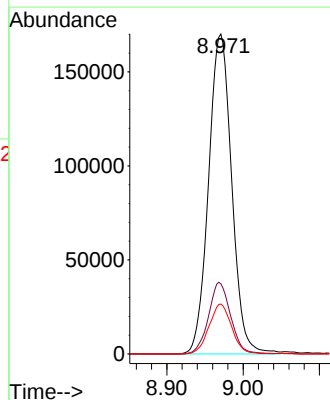
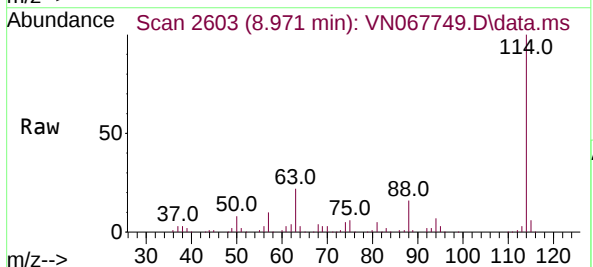
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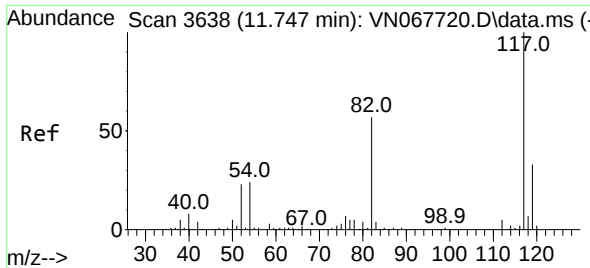


#28

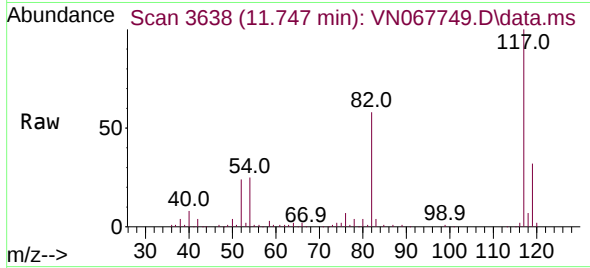
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33

Tgt Ion: 114 Resp: 359234
Ion Ratio Lower Upper
114 100
63 21.4 17.2 25.8
88 15.2 12.4 18.6

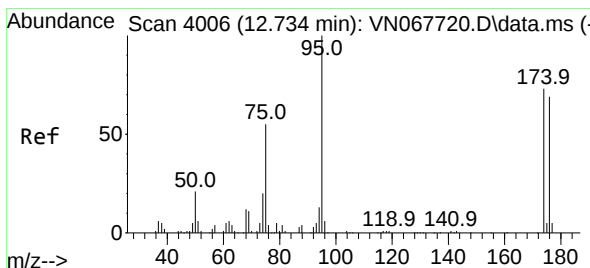
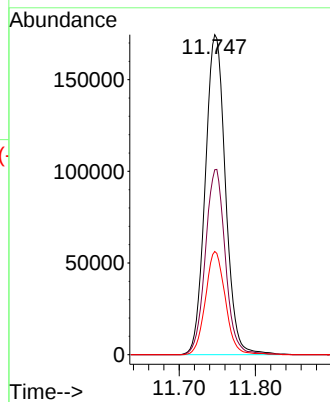
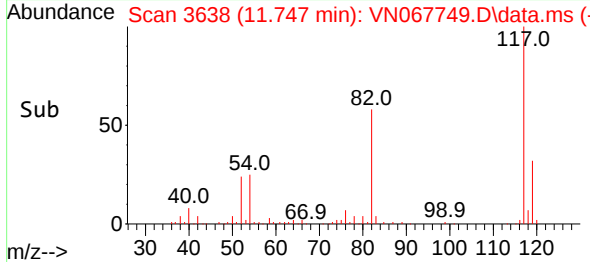




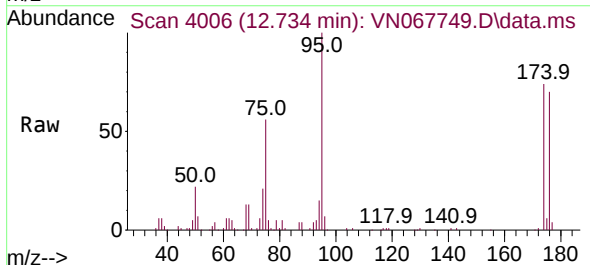
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33



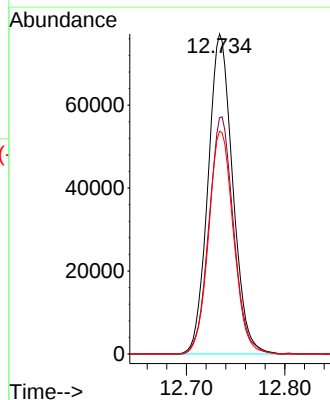
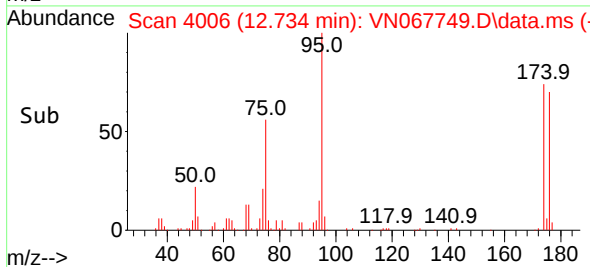
Tgt Ion: 117 Resp: 321725
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 31.6 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 25.799 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33



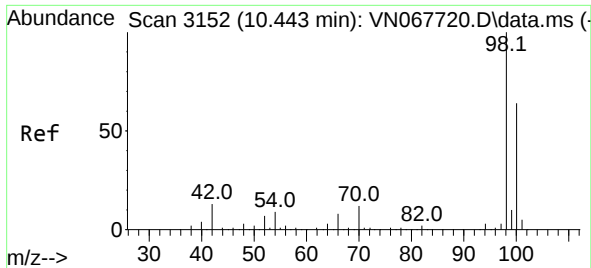
Tgt Ion: 95 Resp: 134797
Ion Ratio Lower Upper
95 100
174 74.0 57.1 85.7
176 69.9 54.6 81.8



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#63
Toluene-d8
Concen: 30.464 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067749.D
Acq: 14 Jul 2021 17:33

Tgt Ion: 98 Resp: 450795
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4

Instrument :
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