

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067868.D
 Acq On : 22 Jul 2021 17:51
 Operator : JC/MD
 Sample : M3110-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Manual Integrations
 APPROVED

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 7/27/2021 3:39:12 PM

Quant Time: Jul 24 07:14:20 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	54211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	300672	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	273713	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	140066	31.981	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.600%
60) 4-Bromofluorobenzene	12.736	95	115722	26.033	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.767%
63) Toluene-d8	10.443	98	378416	30.058	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
15) Acetone	4.291	58	15546	39.735	ug/l	78
25) Chloroform	7.820	83	27414	4.087	ug/l	97
41) Bromodichloromethane	9.765	83	9155	1.804	ug/l	93
53) Dibromochloromethane	11.237	129	3202m	0.829	ug/l	

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

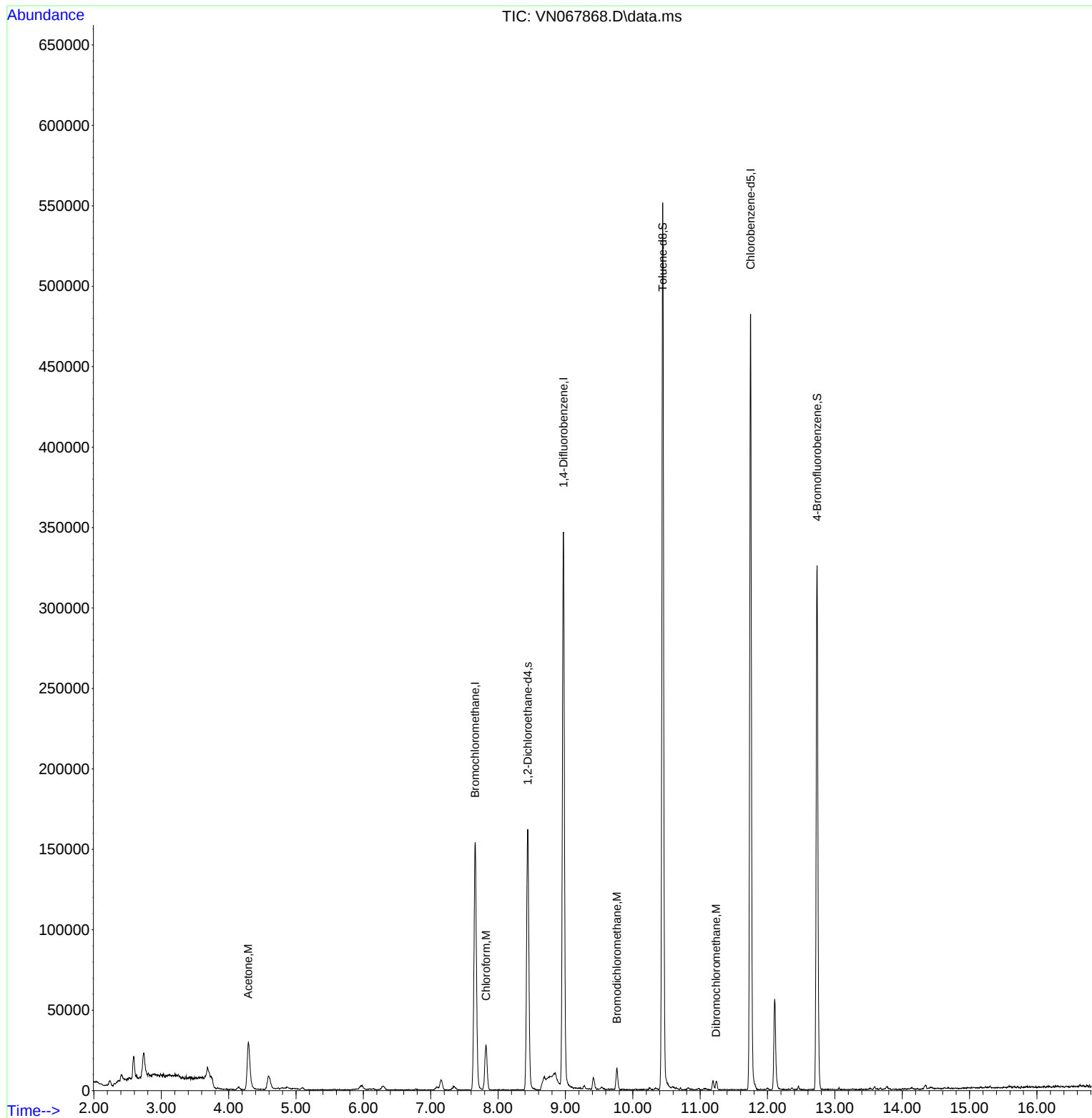
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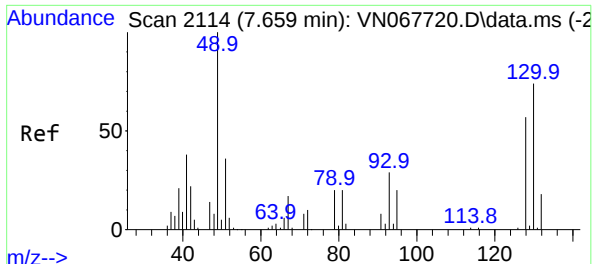
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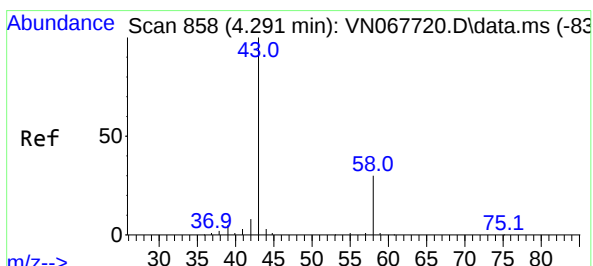
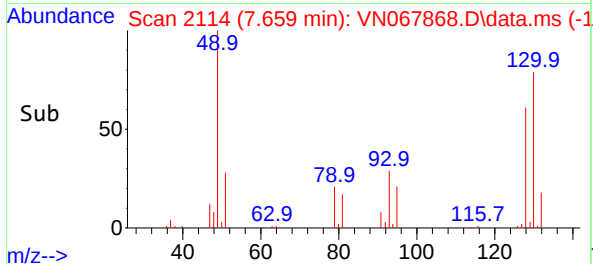
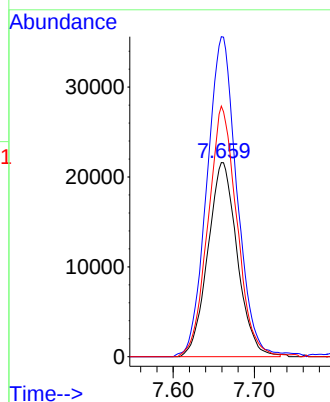
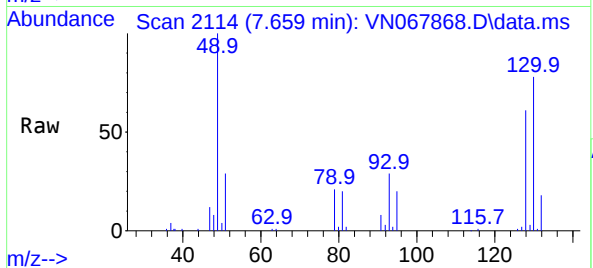
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

Tgt Ion:128 Resp: 54211
Ion Ratio Lower Upper
128 100
49 167.7 0.0 433.0
130 127.1 0.0 323.8

Instrument :
MSVOA_N
ClientSampleId :
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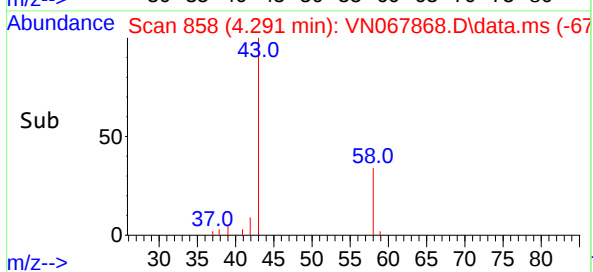
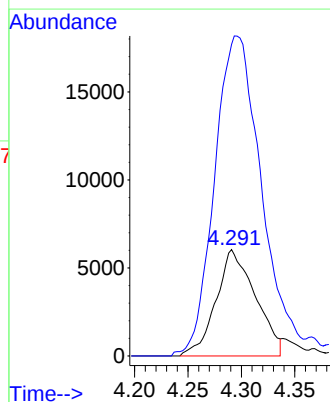
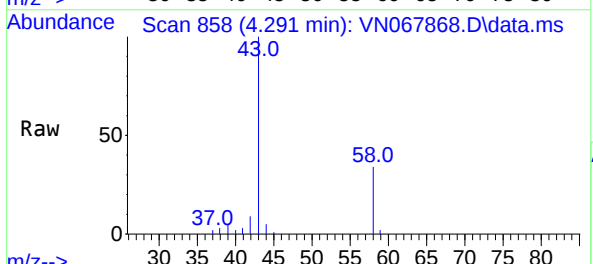
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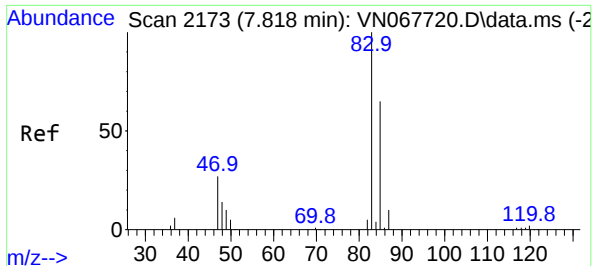
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#15
Acetone
Concen: 39.735 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

Tgt Ion: 58 Resp: 15546
Ion Ratio Lower Upper
58 100
43 288.6 268.2 402.4

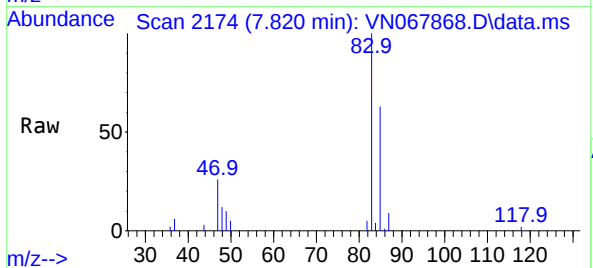




#25

Chloroform
Concen: 4.087 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

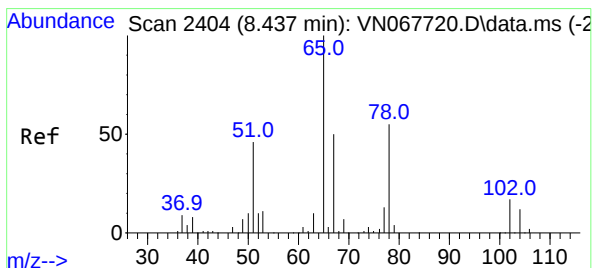
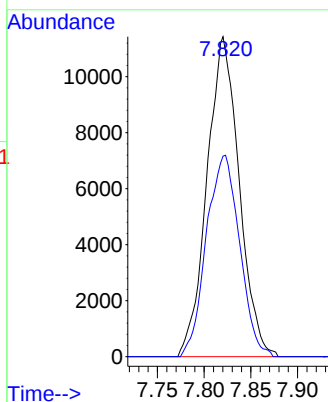
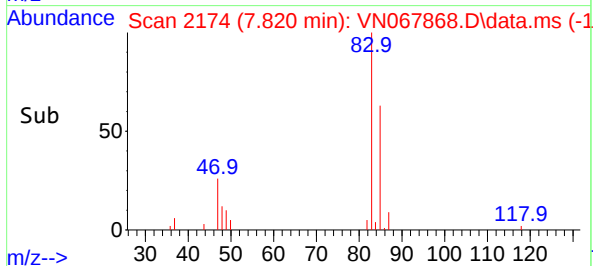
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 27414
Ion Ratio Lower Upper
83 100
85 62.7 52.3 78.5

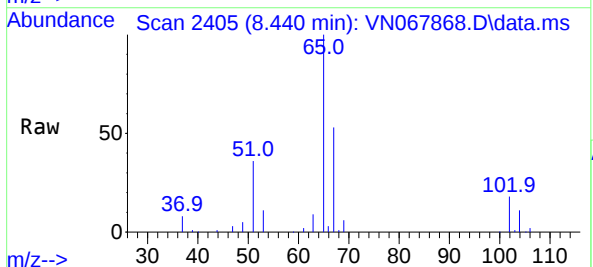
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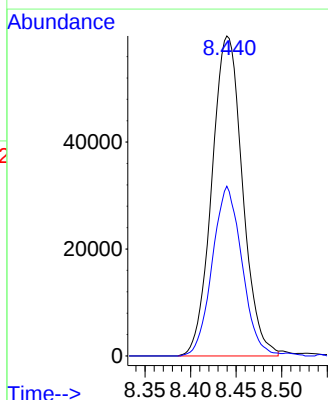
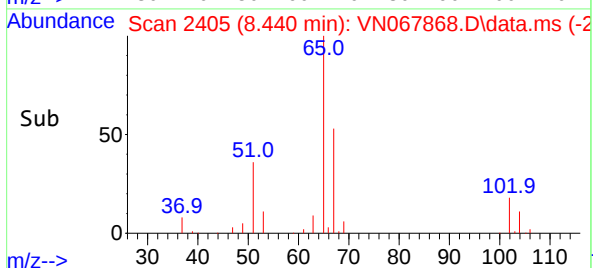


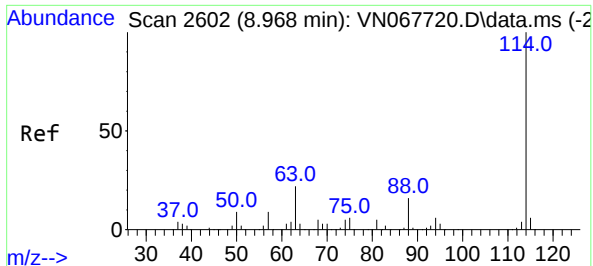
#27

1,2-Dichloroethane-d4
Concen: 31.981 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

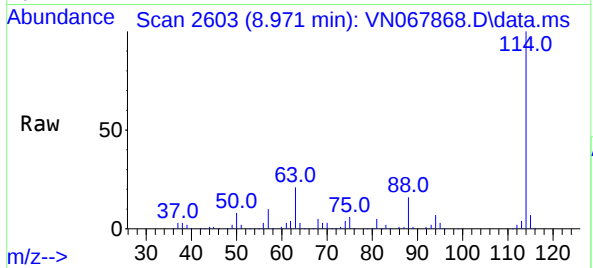


Tgt Ion: 65 Resp: 140066
Ion Ratio Lower Upper
65 100
67 51.5 40.6 60.8

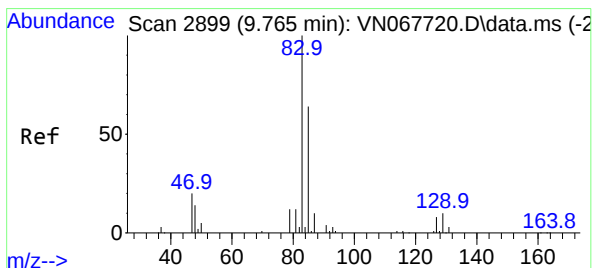
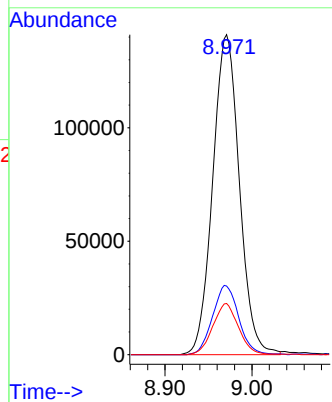
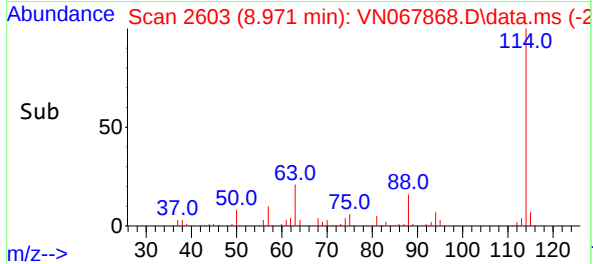




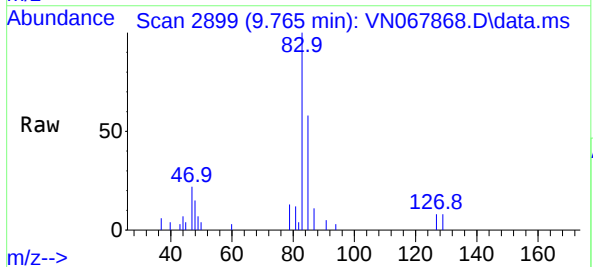
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51



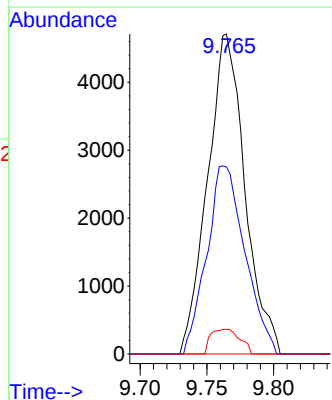
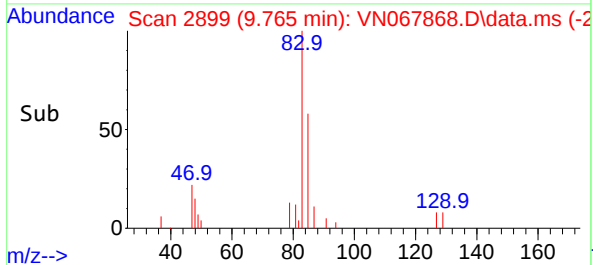
Tgt Ion: 114 Resp: 300672
Ion Ratio Lower Upper
114 100
63 21.2 17.2 25.8
88 15.4 12.4 18.6



#41
Bromodichloromethane
Concen: 1.804 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51



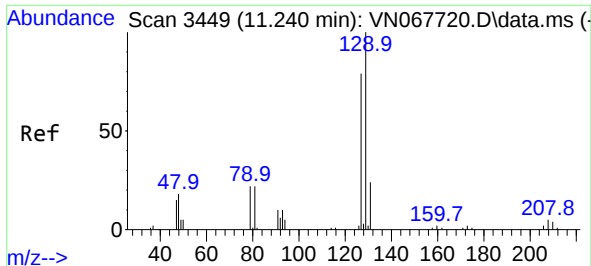
Tgt Ion: 83 Resp: 9155
Ion Ratio Lower Upper
83 100
85 58.4 51.3 76.9
127 7.7 6.6 10.0



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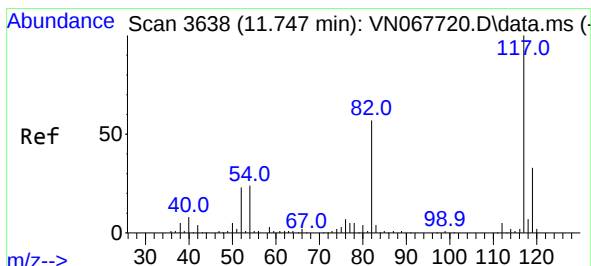
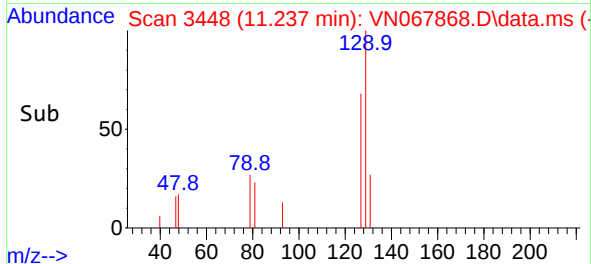
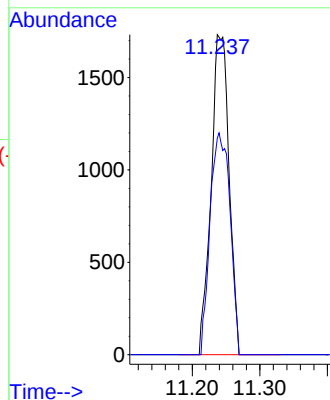
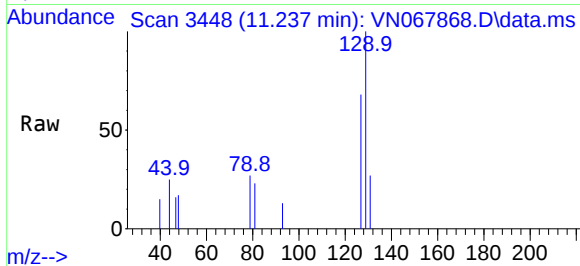
#53
Dibromochloromethane
Concen: 0.829 ug/l m
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

Tgt Ion:129 Resp: 3202
Ion Ratio Lower Upper
129 100
127 49.1 39.6 118.8

Instrument :
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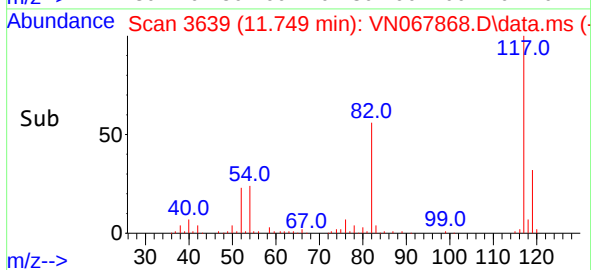
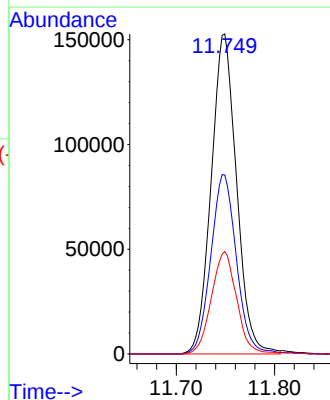
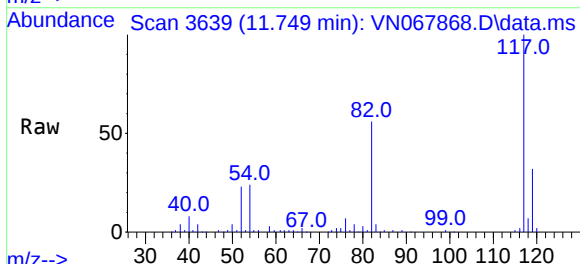
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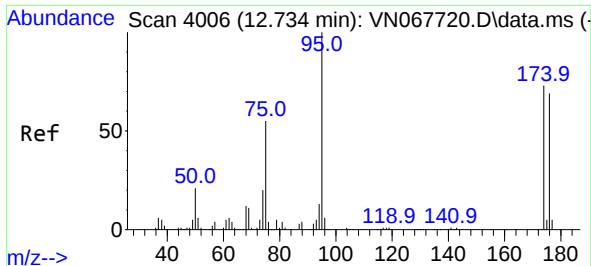
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

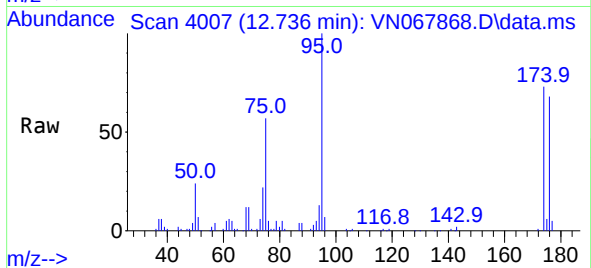
Tgt Ion:117 Resp: 273713
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.8 25.7 38.5





#60
4-Bromofluorobenzene
Concen: 26.033 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51

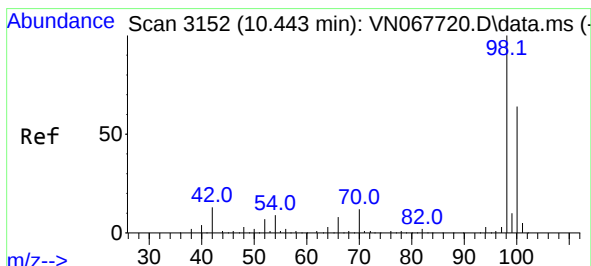
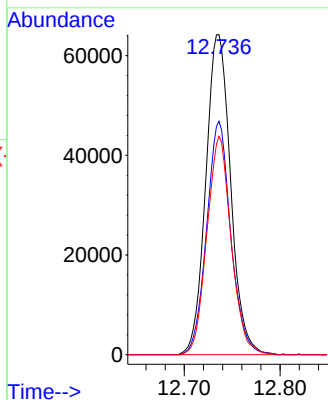
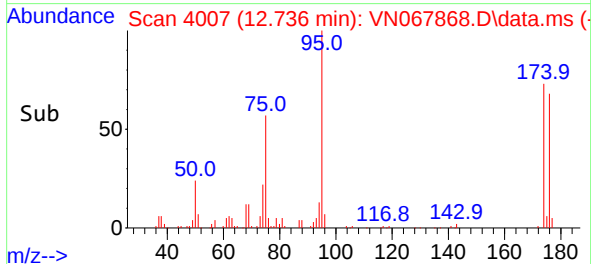
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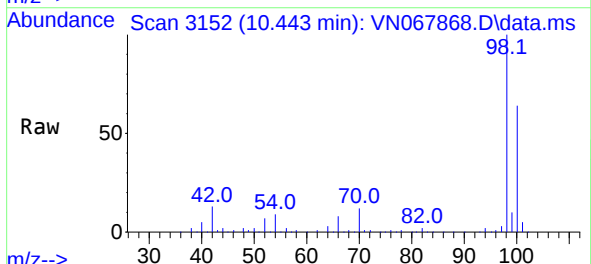
Tgt Ion: 95 Resp: 115722
Ion Ratio Lower Upper
95 100
174 71.0 57.1 85.7
176 66.5 54.6 81.8

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#63
Toluene-d8
Concen: 30.058 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067868.D
Acq: 22 Jul 2021 17:51



Tgt Ion: 98 Resp: 378416
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4

