

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067035.D
 Acq On : 7 May 2021 2:23
 Operator : JC/MD
 Sample : M2257-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
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Quant Time: May 07 07:32:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.109	128	40642	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	378041	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	292659	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	205290	57.65	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	192.17%#	
60) 4-Bromofluorobenzene	12.355	95	131493m	27.01	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	90.03%	
63) Toluene-d8	10.030	98	484243	33.40	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	111.33%	
Target Compounds						Qvalue
18) Methylene Chloride	4.473	84	5758m	1.83	ug/l	
25) Chloroform	7.294	83	30796	5.76	ug/l	92
41) Bromodichloromethane	9.341	83	2999	0.39	ug/l #	84

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

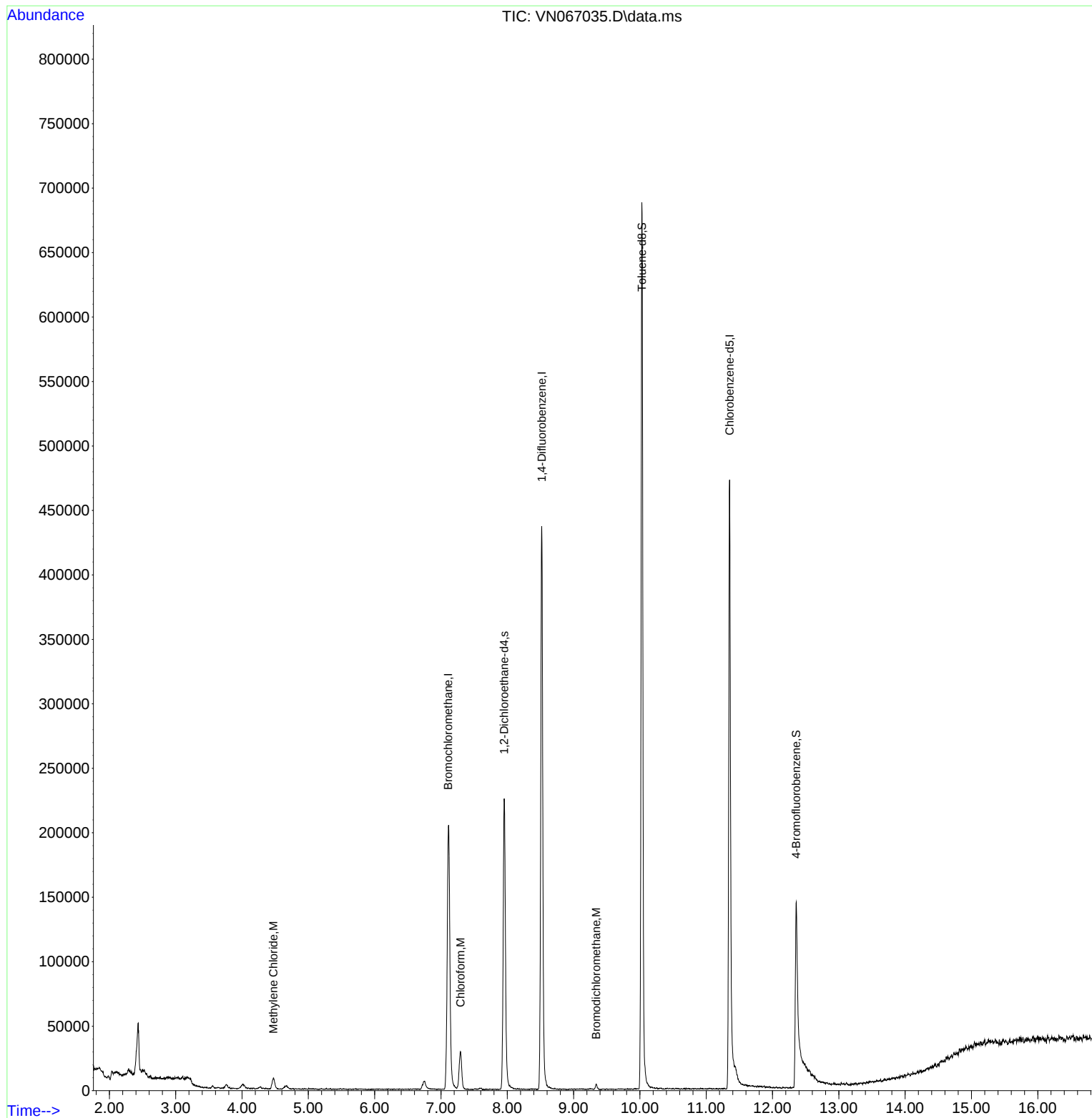
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Data File : VN067035.D
Acq On : 7 May 2021 2:23
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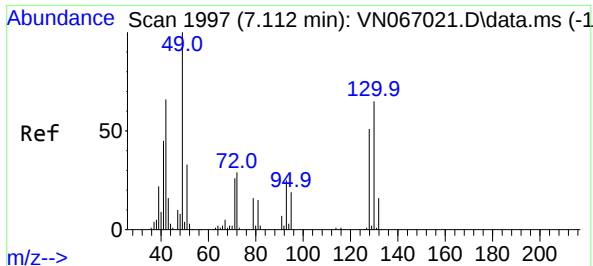
Instrument :
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ClientSampleId :
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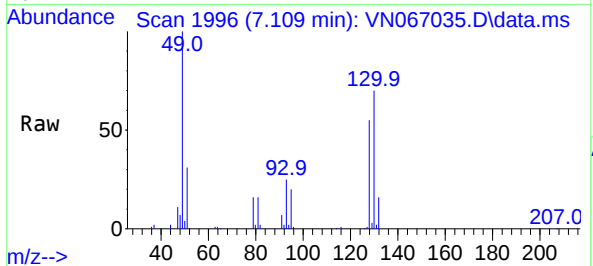
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Quant Time: May 07 07:32:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 07 07:26:20 2021
Response via : Initial Calibration

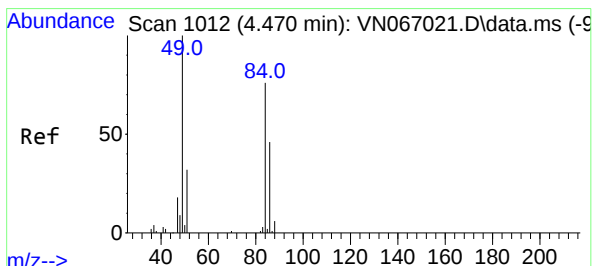
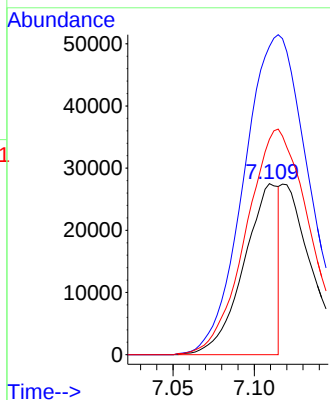
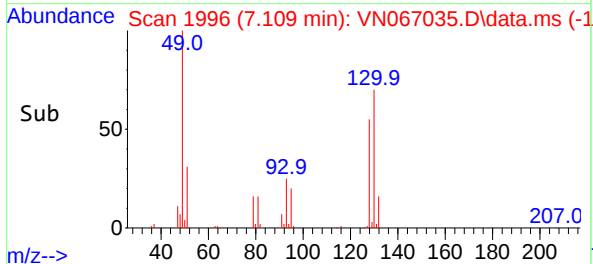




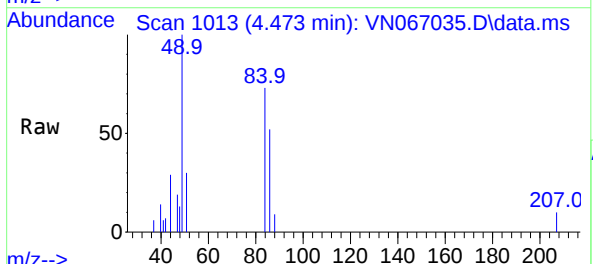
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.109 min Scan# 1996
Delta R.T. -0.003 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23



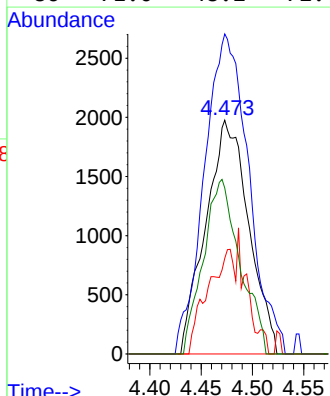
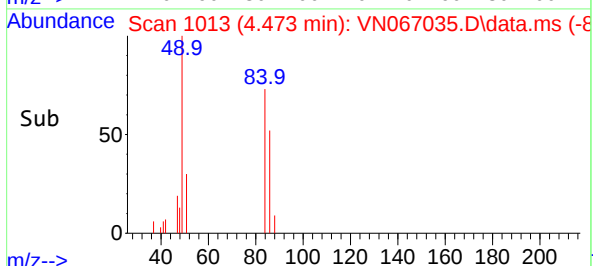
Tgt Ion:128 Resp: 40642
Ion Ratio Lower Upper
128 100
49 357.6 0.0 486.3
130 248.0 0.0 326.0



#18
Methylene Chloride
Concen: 1.83 ug/l m
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23



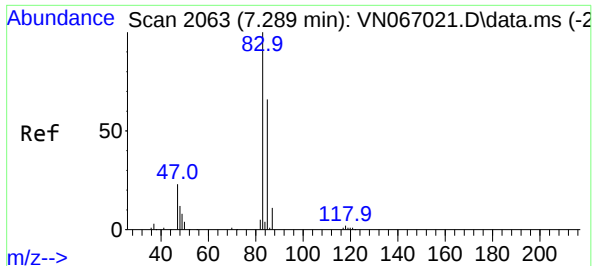
Tgt Ion: 84 Resp: 5758
Ion Ratio Lower Upper
84 100
49 136.9 105.0 157.6
51 40.9 33.3 49.9
86 71.0 48.2 72.4



Instrument :
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#25

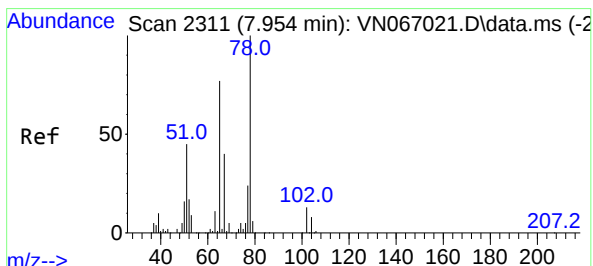
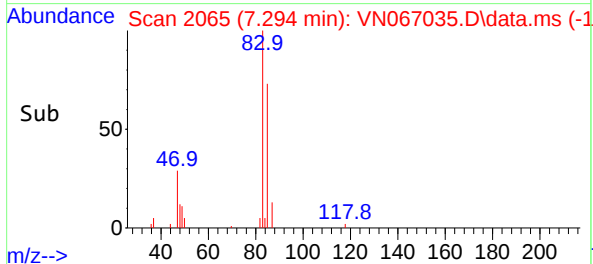
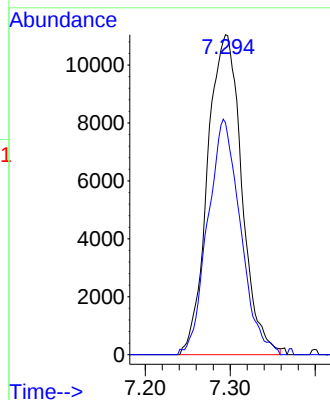
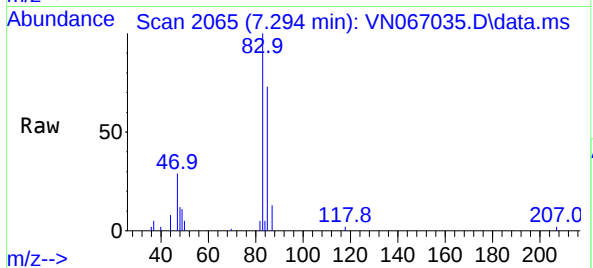
Chloroform
Concen: 5.76 ug/l
RT: 7.294 min Scan# 2065
Delta R.T. 0.005 min
Lab File: VN067035.D
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Tgt Ion: 83 Resp: 30796
Ion Ratio Lower Upper
83 100
85 72.5 53.0 79.6

Instrument :
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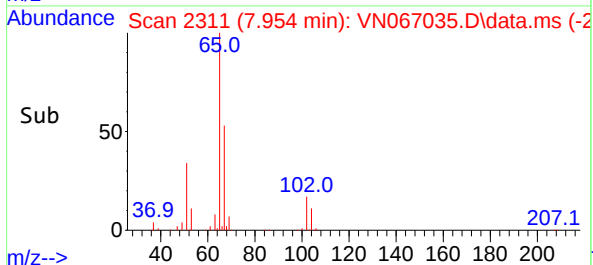
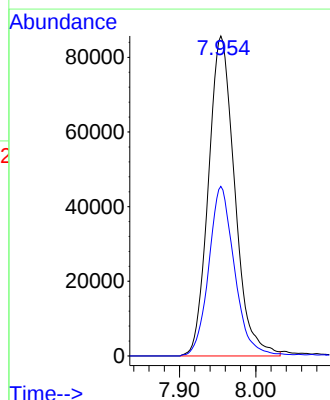
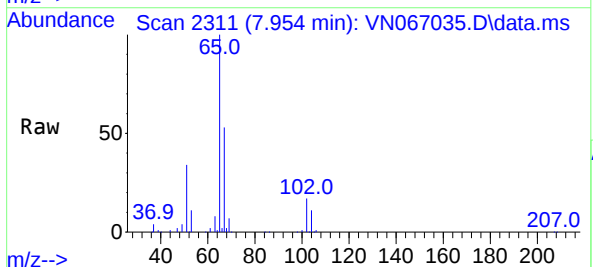
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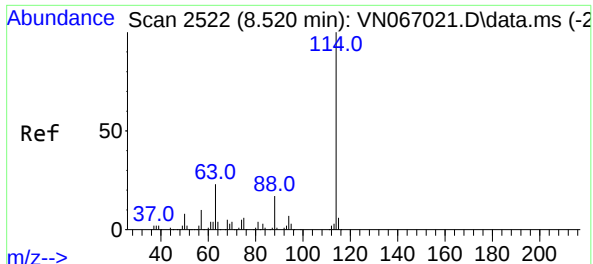


#27

1,2-Dichloroethane-d4
Concen: 57.65 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23

Tgt Ion: 65 Resp: 205290
Ion Ratio Lower Upper
65 100
67 51.7 41.6 62.4





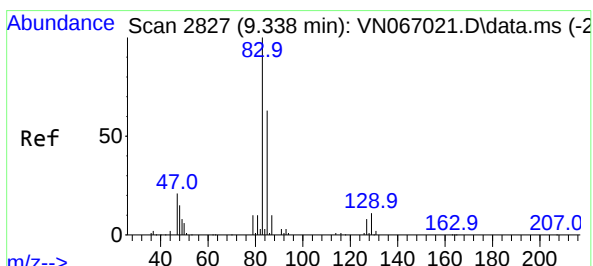
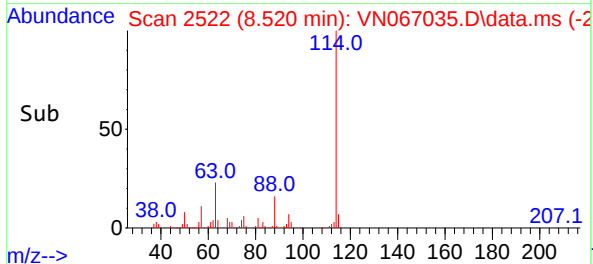
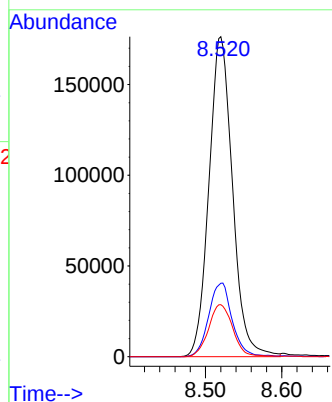
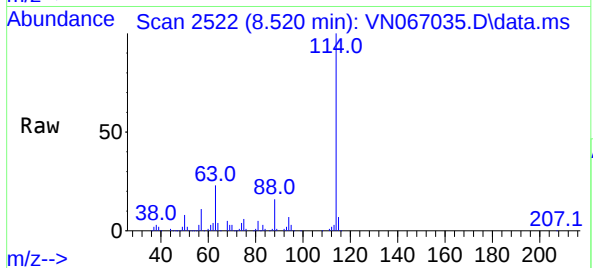
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23

Tgt Ion:	114	Resp:	378041
Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.8	28.2
88	16.7	13.8	20.6

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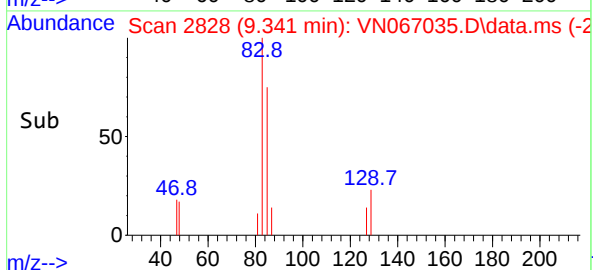
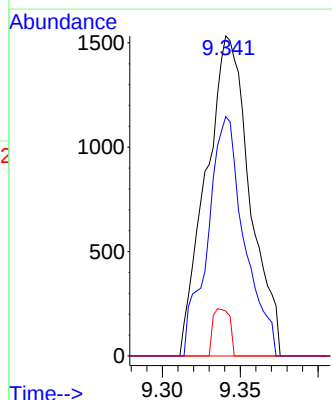
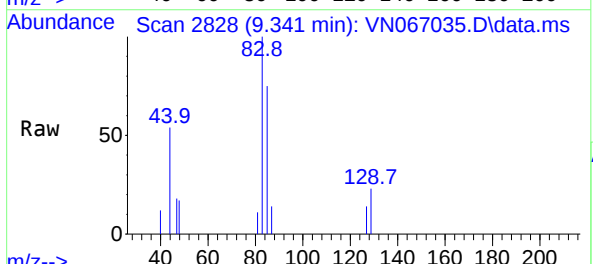
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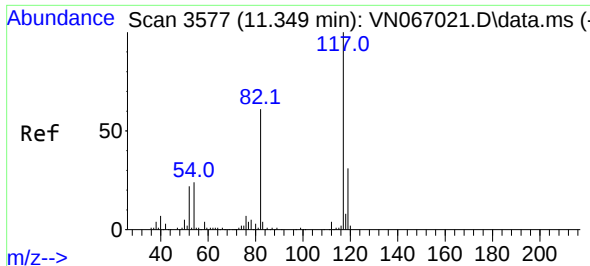
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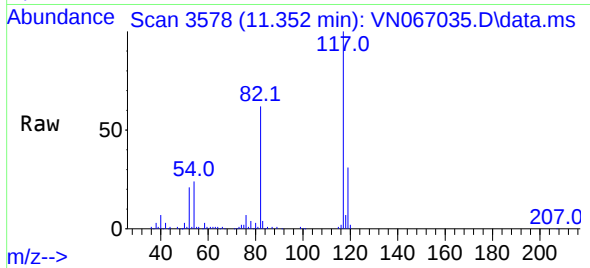
#41
Bromodichloromethane
Concen: 0.39 ug/l
RT: 9.341 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23

Tgt Ion:	83	Resp:	2999
Ion	Ratio	Lower	Upper
83	100		
85	74.8	50.0	75.0
127	14.0	6.5	9.7

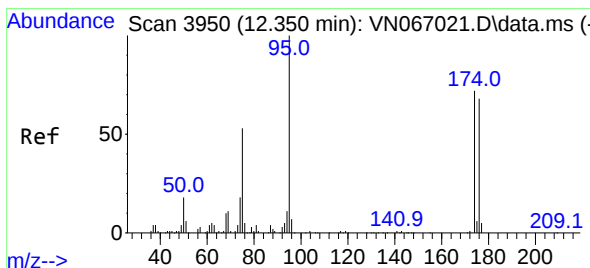
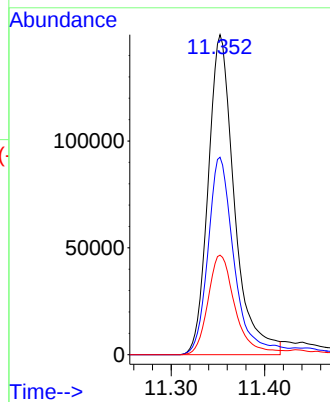
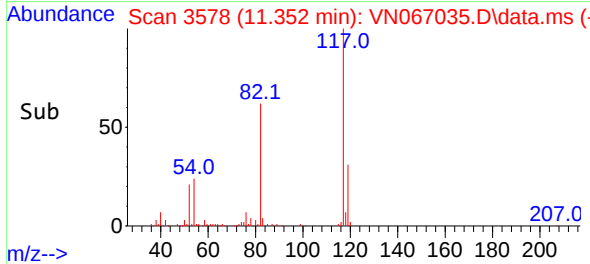




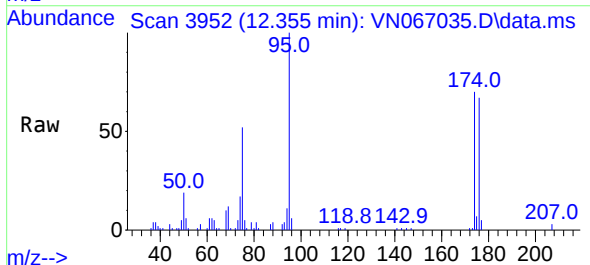
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23



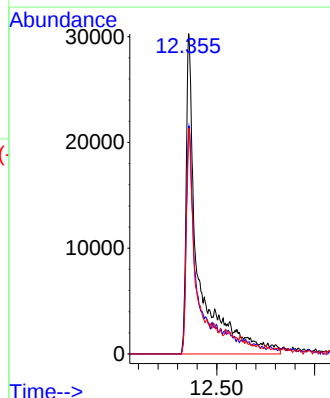
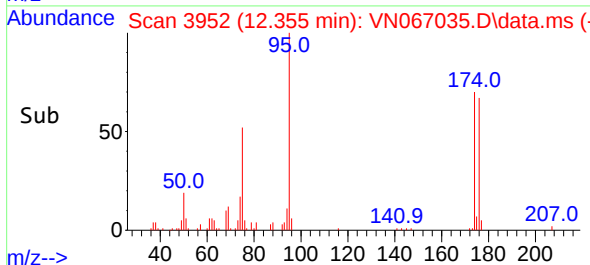
Tgt Ion: 117 Resp: 292659
Ion Ratio Lower Upper
117 100
82 60.3 49.3 73.9
119 32.6 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 27.01 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23



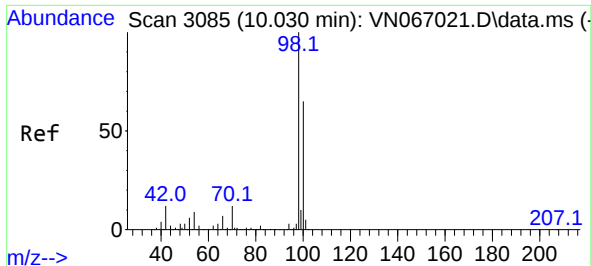
Tgt Ion: 95 Resp: 131493
Ion Ratio Lower Upper
95 100
174 44.2 57.2 85.8#
176 45.4 54.5 81.7#



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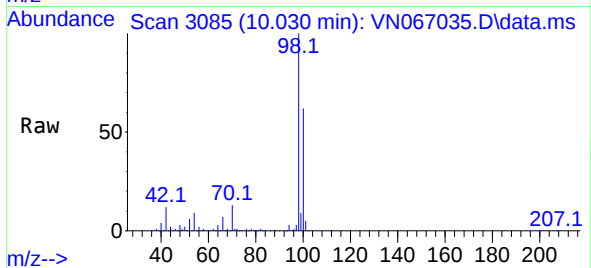
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#63
Toluene-d8
Concen: 33.40 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067035.D
Acq: 7 May 2021 2:23

Instrument :
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Tgt Ion: 98 Resp: 484243
Ion Ratio Lower Upper
98 100
100 62.5 51.1 76.7

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