

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066961.D
 Acq On : 5 May 2021 2:21
 Operator : JC/MD
 Sample : M2256-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-A-BOTTOM

Manual Integrations
 APPROVED

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 5/5/2021 5:34:40 PM

Quant Time: May 05 07:49:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	472673	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.517	114	807243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	773878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	274046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	386681	51.97	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	103.94%	
35) Dibromofluoromethane	7.512	113	274129	50.01	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.02%	
50) Toluene-d8	10.030	98	1091238	52.27	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.350	95	305594	43.23	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	86.46%	
Target Compounds						
16) Acetone	3.757	43	55692	21.28	ug/l	Qvalue 96
18) Methyl Acetate	4.261	43	12104m	1.62	ug/l	
20) Methylene Chloride	4.470	84	57112	8.60	ug/l #	91
43) Isopropyl Acetate	8.096	43	54040	3.88	ug/l #	90

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

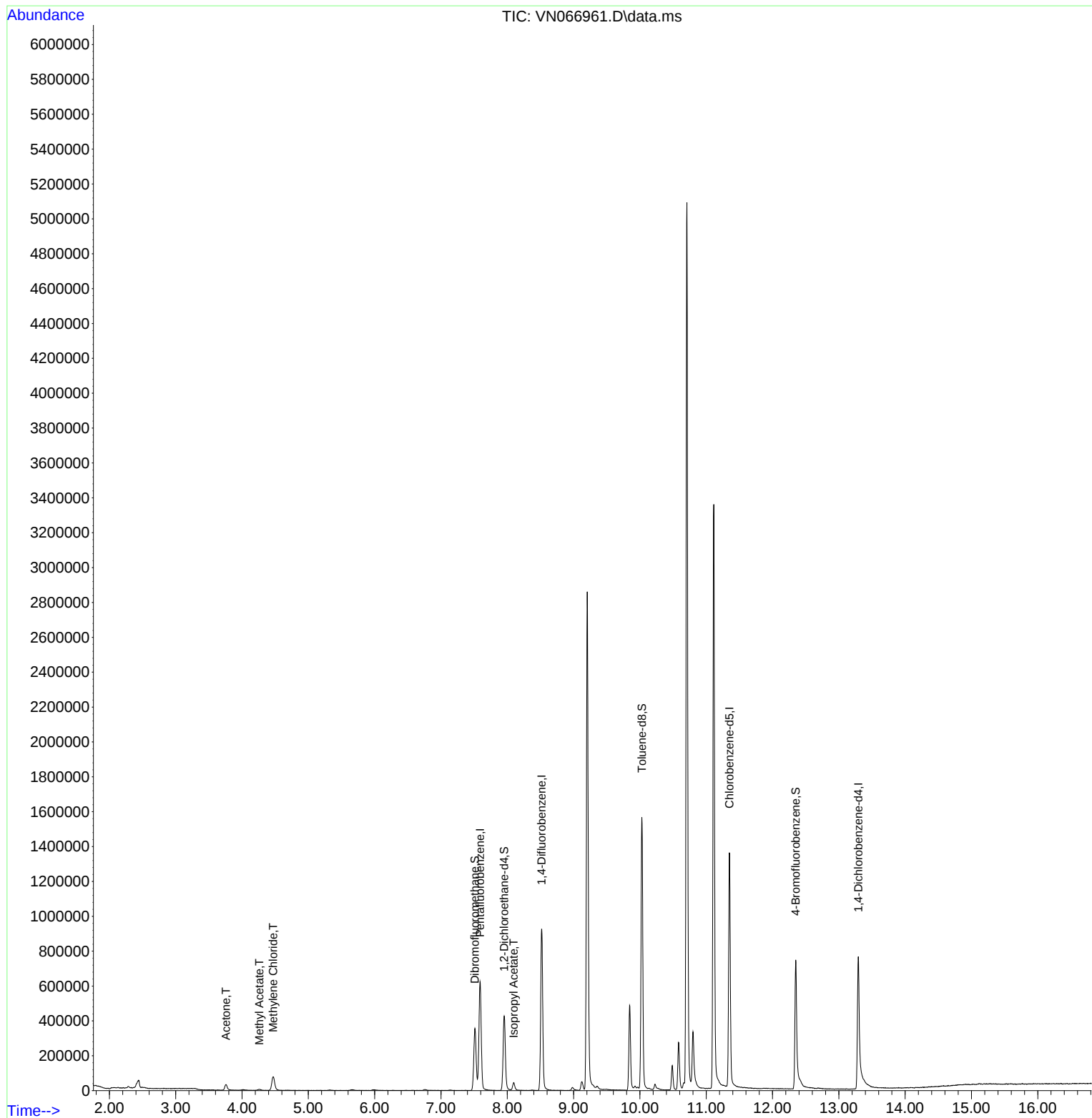
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Data File : VN066961.D
Acq On : 5 May 2021 2:21
Operator : JC/MD
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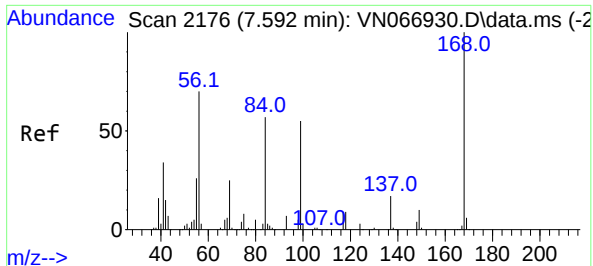
Instrument :
MSVOA_N
ClientSampleId :
R1-A-BOTTOM

Manual Integrations
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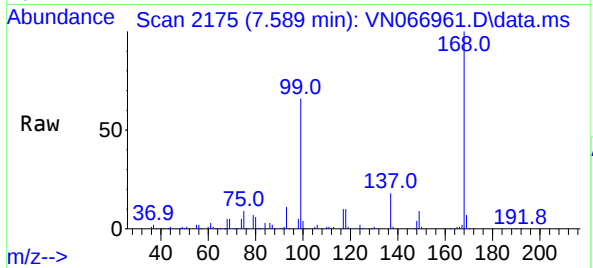
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Quant Time: May 05 07:49:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
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Response via : Initial Calibration

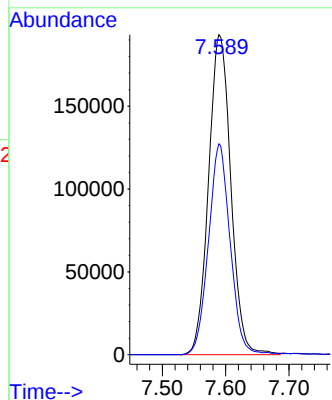




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21



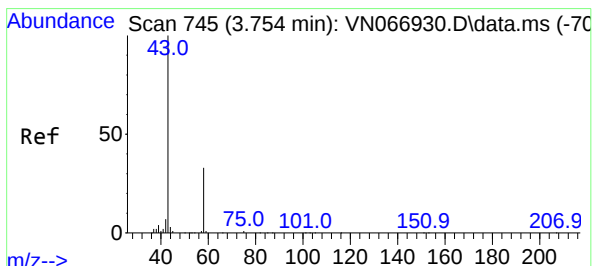
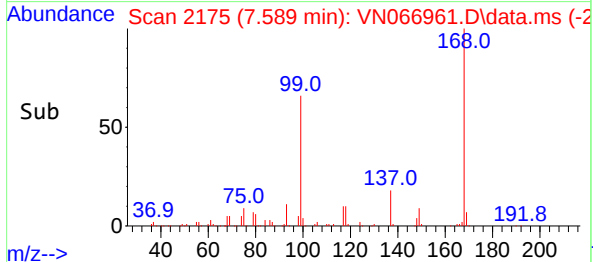
Tgt Ion:168 Resp: 472673
Ion Ratio Lower Upper
168 100
99 65.9 42.6 63.8#



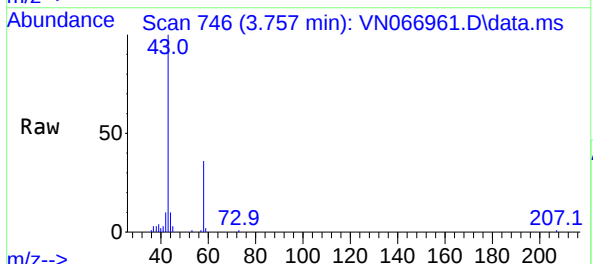
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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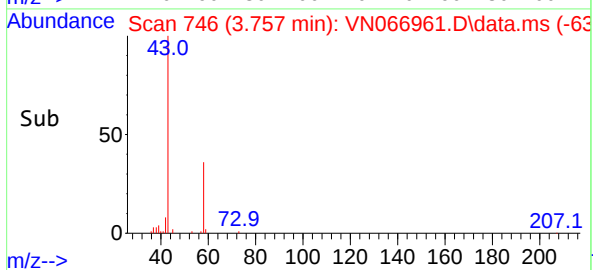
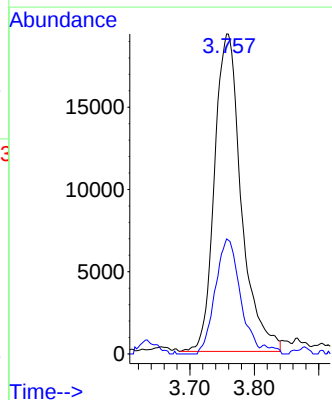
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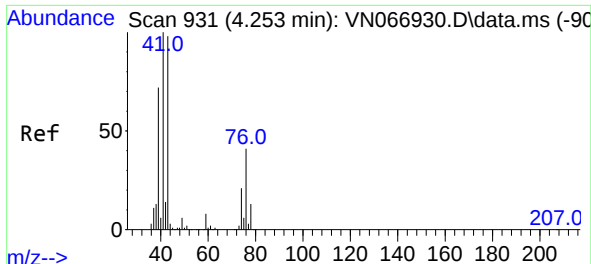


#16
Acetone
Concen: 21.28 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21



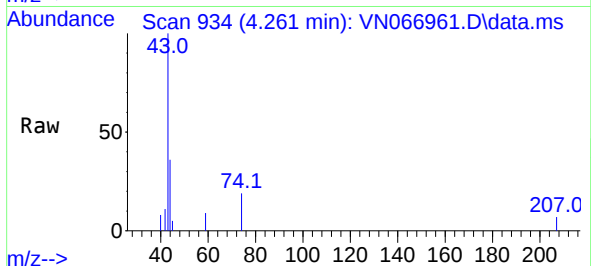
Tgt Ion: 43 Resp: 55692
Ion Ratio Lower Upper
43 100
58 36.2 27.0 40.6





#18
Methyl Acetate
Concen: 1.62 ug/l m
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

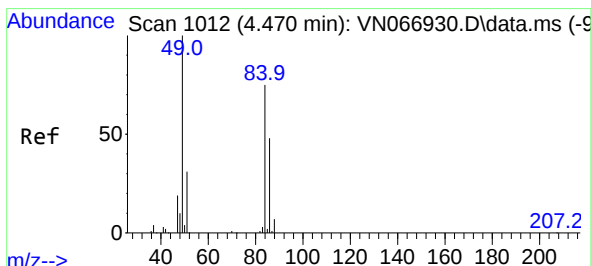
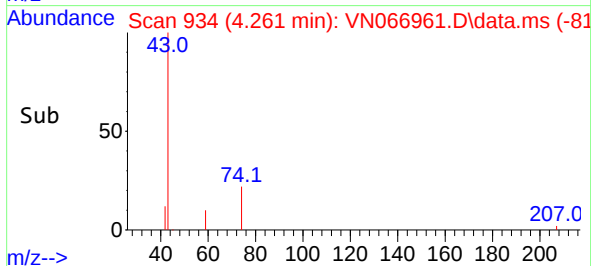
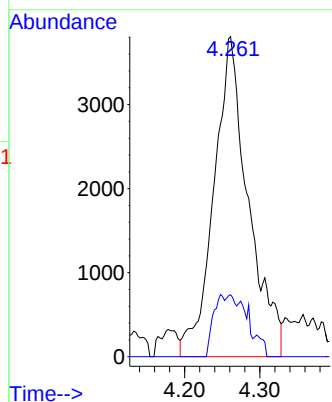
Instrument :
MSVOA_N
ClientSampleId :
R1-A-BOTTOM



Tgt Ion: 43 Resp: 12104
Ion Ratio Lower Upper
43 100
74 6.5 19.5 29.3#

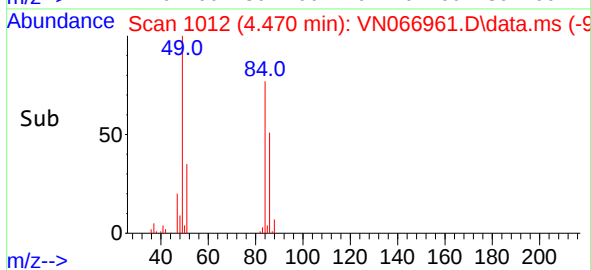
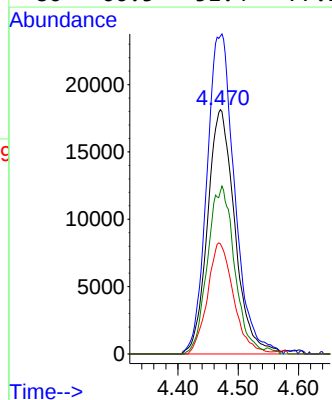
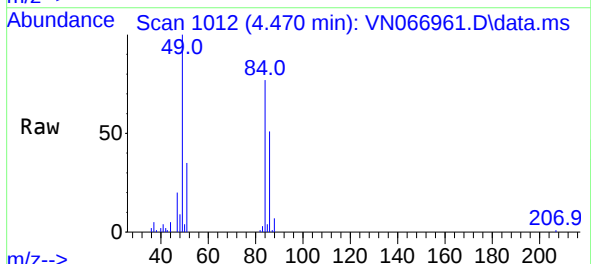
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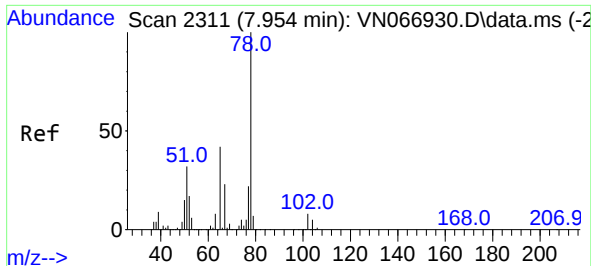
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#20
Methylene Chloride
Concen: 8.60 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

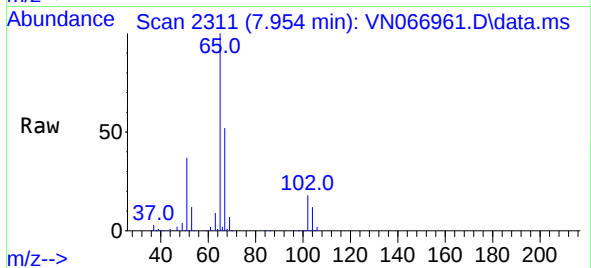
Tgt Ion: 84 Resp: 57112
Ion Ratio Lower Upper
84 100
49 130.1 94.6 141.8
51 45.1 29.9 44.9#
86 66.5 51.4 77.2





#33
1,2-Dichloroethane-d4
Concen: 51.97 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

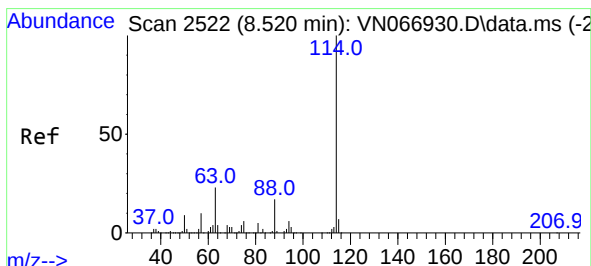
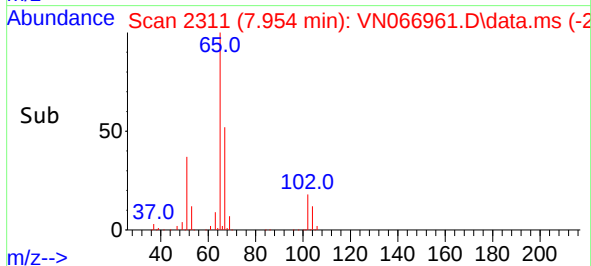
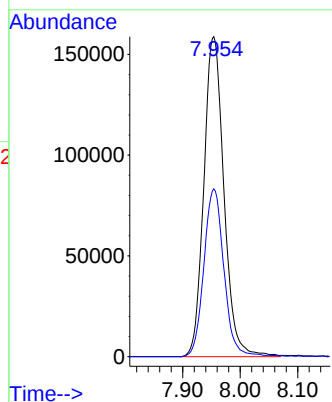
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 65 Resp: 386681
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2

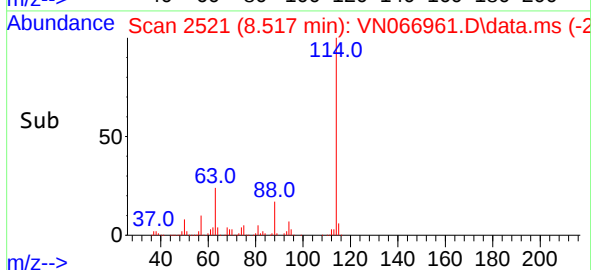
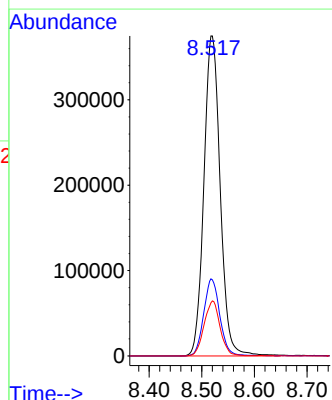
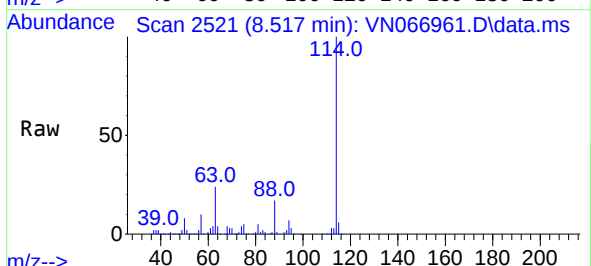
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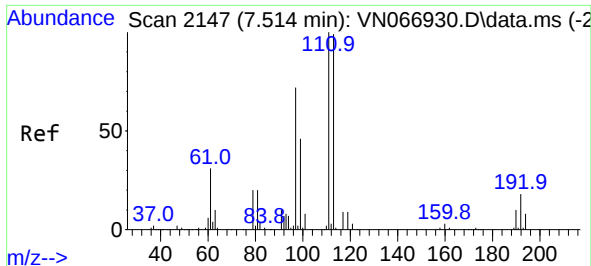
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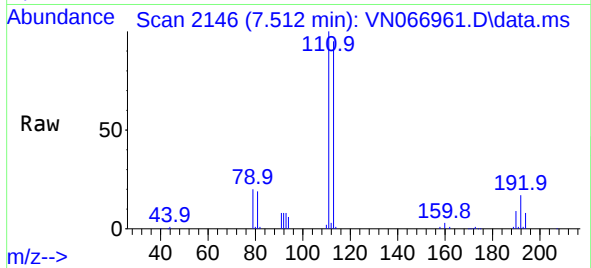
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.517 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

Tgt Ion: 114 Resp: 807243
Ion Ratio Lower Upper
114 100
63 24.1 0.0 38.6
88 16.6 0.0 30.6

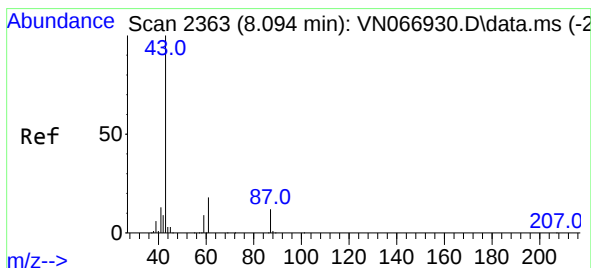
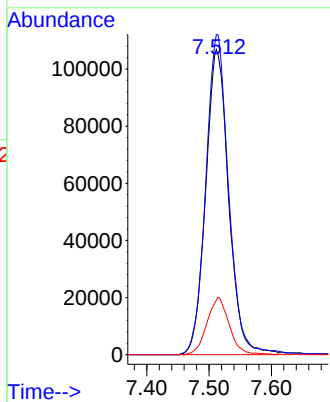
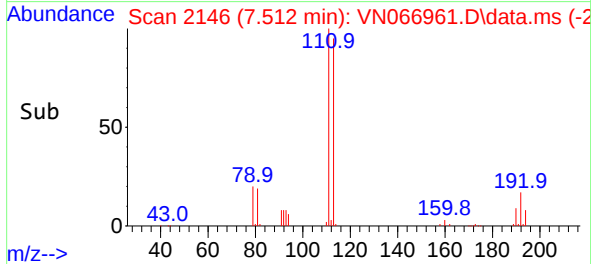




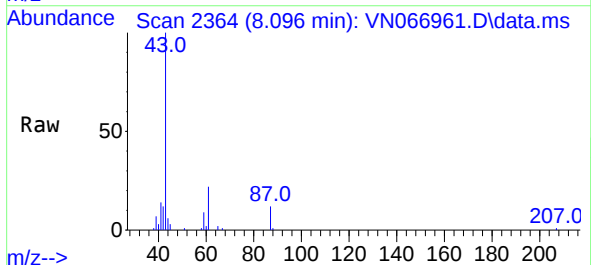
#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21



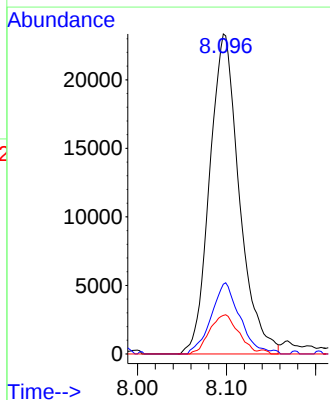
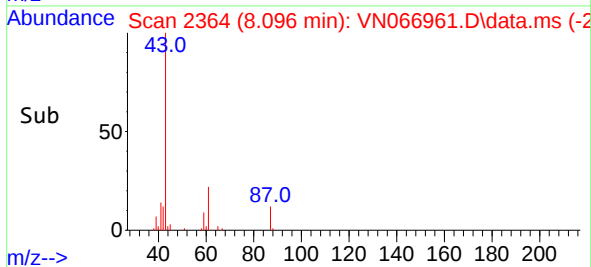
Tgt Ion: 113 Resp: 274129
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.9 15.4 23.0



#43
Isopropyl Acetate
Concen: 3.88 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21



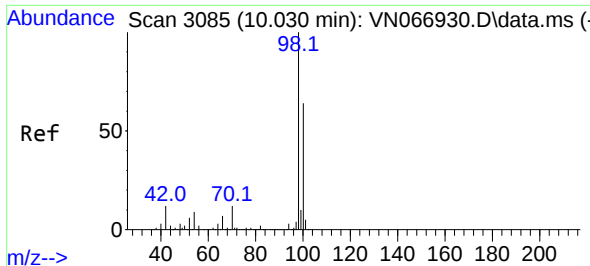
Tgt Ion: 43 Resp: 54040
Ion Ratio Lower Upper
43 100
61 21.5 22.5 33.7#
87 11.9 11.1 16.7



Instrument :
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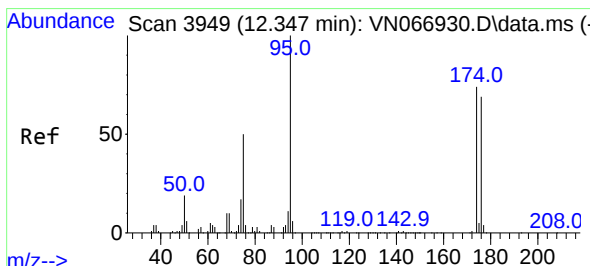
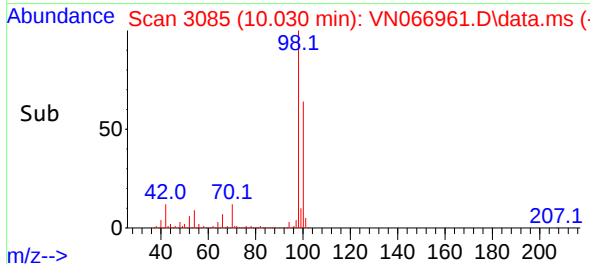
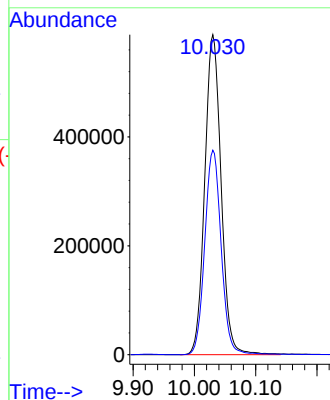
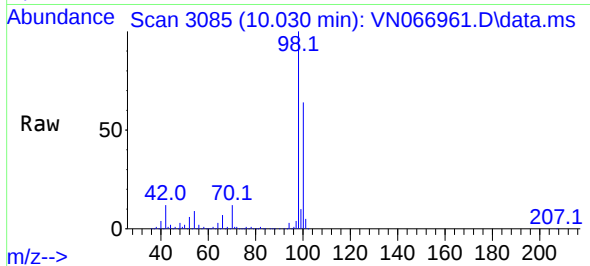
#50
Toluene-d8
Concen: 52.27 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

Tgt Ion: 98 Resp: 1091238
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

Instrument :
MSVOA_N
ClientSampleId :
R1-A-BOTTOM

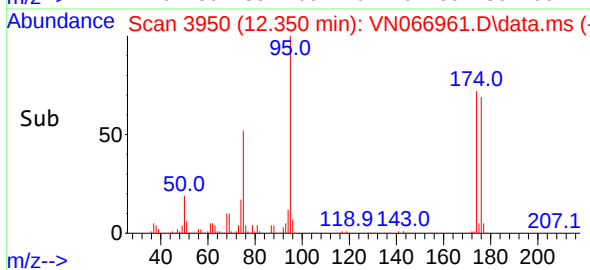
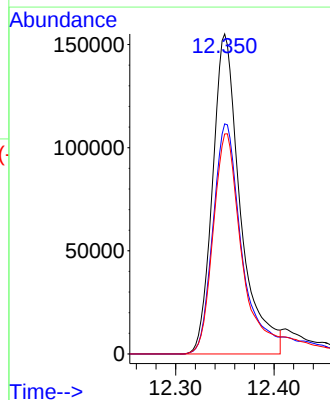
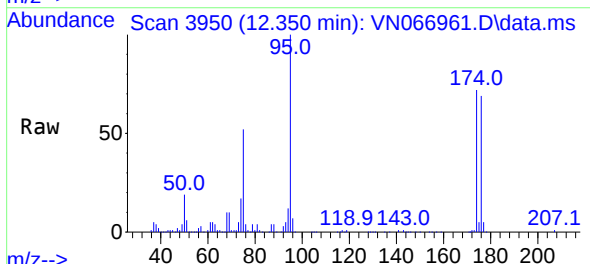
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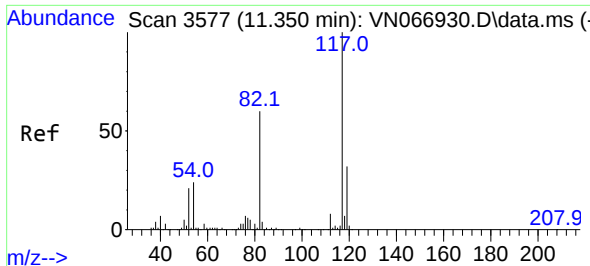
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#62
4-Bromofluorobenzene
Concen: 43.23 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

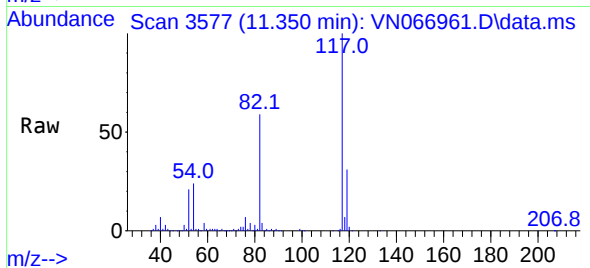
Tgt Ion: 95 Resp: 305594
Ion Ratio Lower Upper
95 100
174 80.6 0.0 169.0
176 76.8 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21

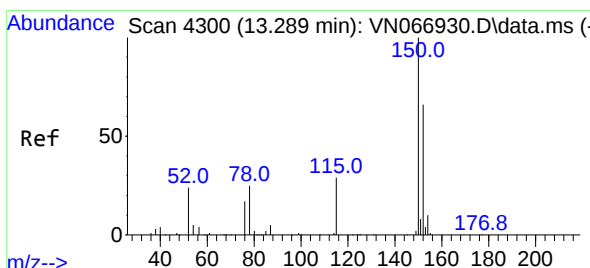
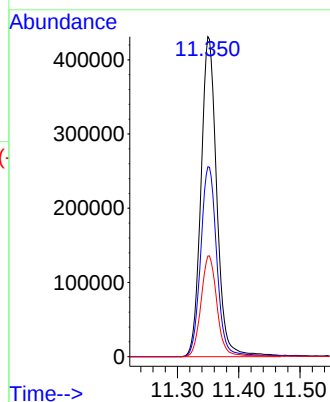
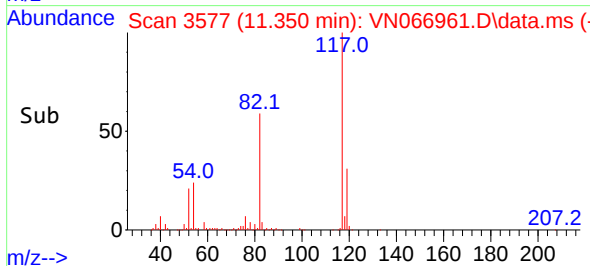
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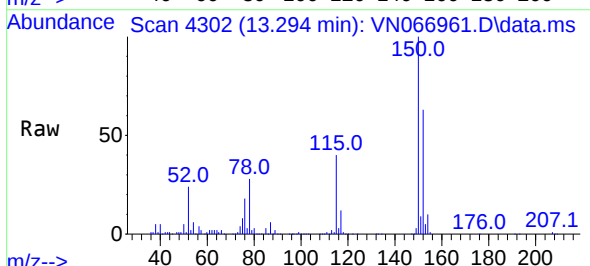
Tgt Ion:117 Resp: 773878
Ion Ratio Lower Upper
117 100
82 59.3 43.7 65.5
119 31.5 26.1 39.1

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066961.D
Acq: 5 May 2021 2:21



Tgt Ion:152 Resp: 274046
Ion Ratio Lower Upper
152 100
115 63.6 28.5 85.6
150 162.6 0.0 347.6

