

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066973.D
 Acq On : 5 May 2021 7:09
 Operator : JC/MD
 Sample : M2256-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R2-C-BOTTOM

Manual Integrations
 APPROVED

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 5/5/2021 5:34:52 PM

Quant Time: May 05 07:52:28 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	7.592	168	467041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	794190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	754511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	254155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.957	65	387228	52.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.34%			
35) Dibromofluoromethane	7.514	113	276458	51.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.52%			
50) Toluene-d8	10.030	98	1074513	52.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.64%			
62) 4-Bromofluorobenzene	12.350	95	303052m	43.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.16%			
Target Compounds						Qvalue
16) Acetone	3.757	43	69523	26.88	ug/l	99
18) Methyl Acetate	4.256	43	9137m	1.24	ug/l	
20) Methylene Chloride	4.473	84	61885	9.43	ug/l	90
43) Isopropyl Acetate	8.099	43	51652	3.77	ug/l #	86

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

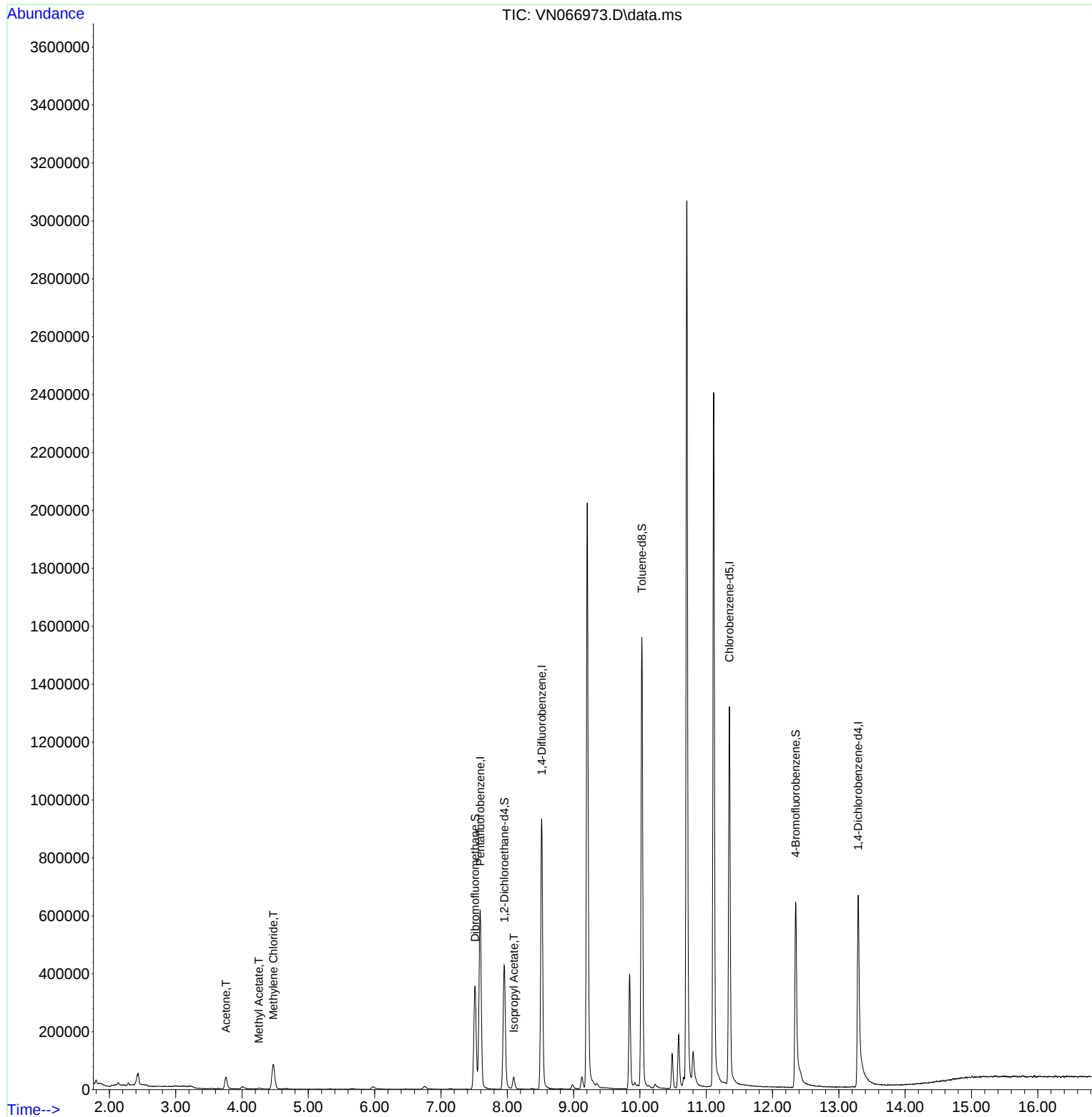
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Data File : VN066973.D
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Operator : JC/MD
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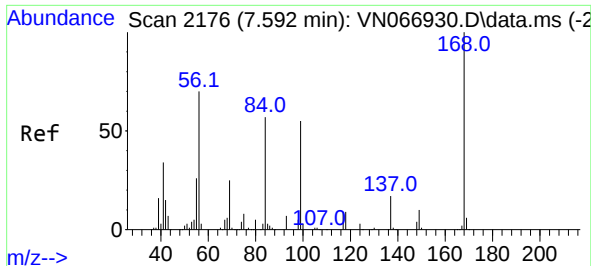
Instrument :
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ClientSampleId :
R2-C-BOTTOM

Manual Integrations
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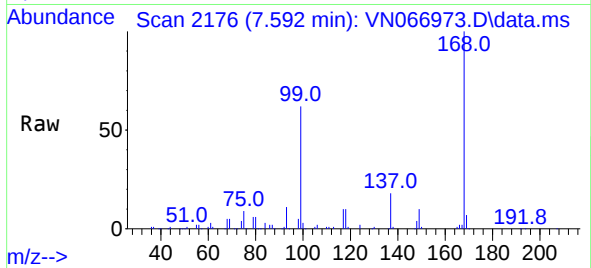
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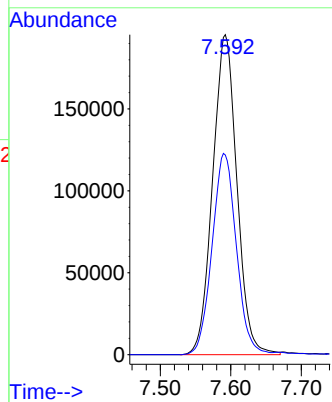
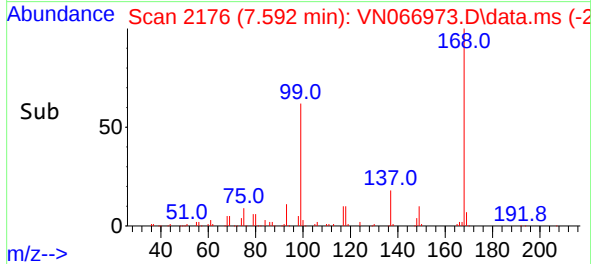




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



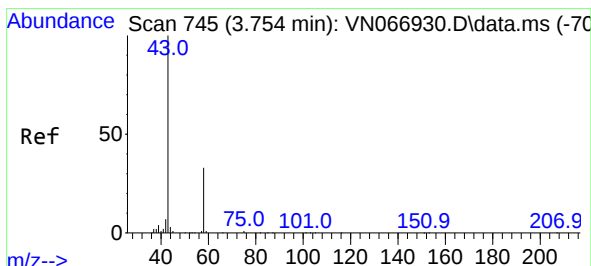
Tgt Ion:168 Resp: 467041
Ion Ratio Lower Upper
168 100
99 62.4 42.6 63.8



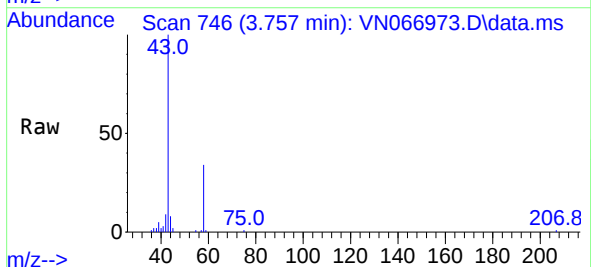
Instrument :
MSVOA_N
ClientSampleId :
R2-C-BOTTOM

Manual Integrations
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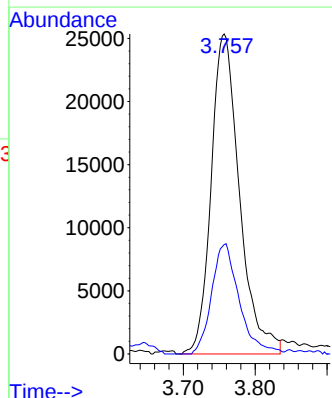
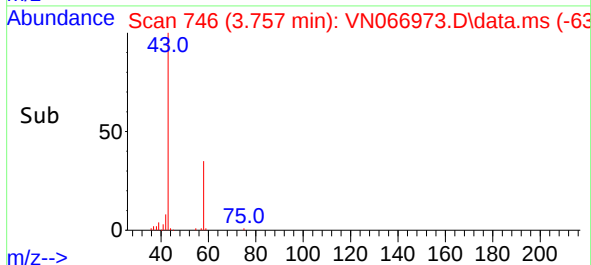
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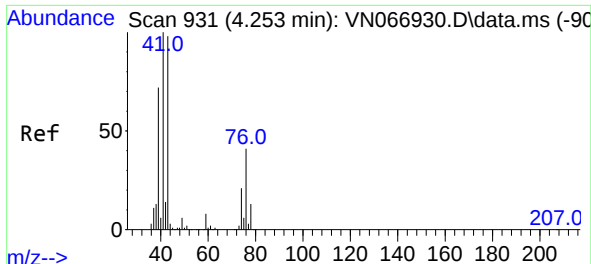


#16
Acetone
Concen: 26.88 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09

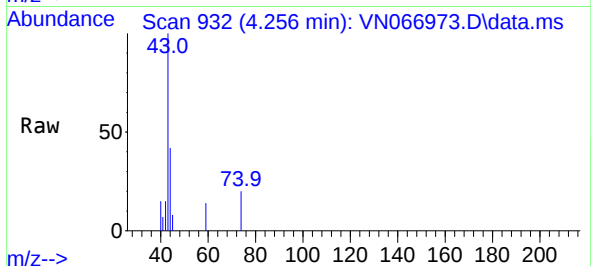


Tgt Ion: 43 Resp: 69523
Ion Ratio Lower Upper
43 100
58 34.2 27.0 40.6

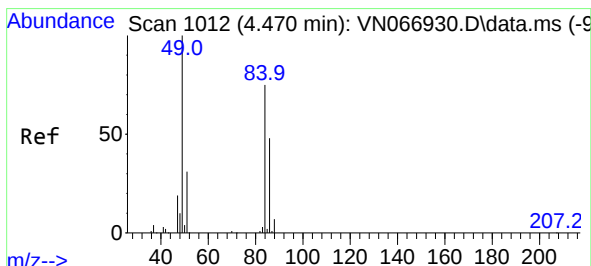
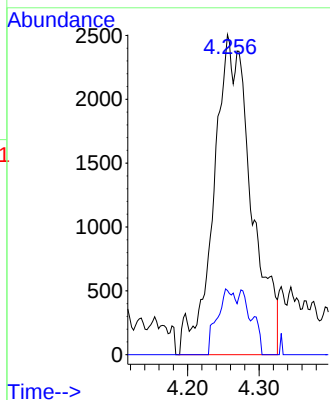
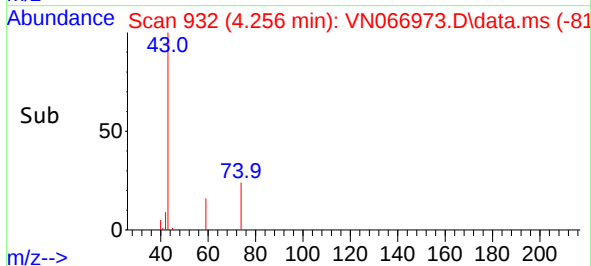




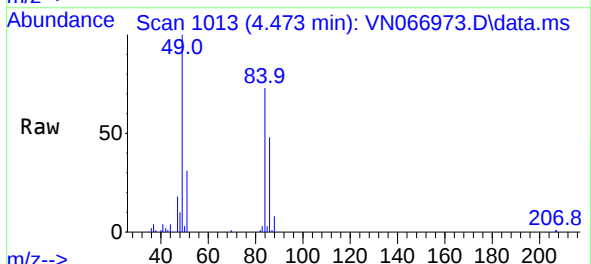
#18
Methyl Acetate
Concen: 1.24 ug/l m
RT: 4.256 min Scan# 932
Delta R.T. 0.003 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



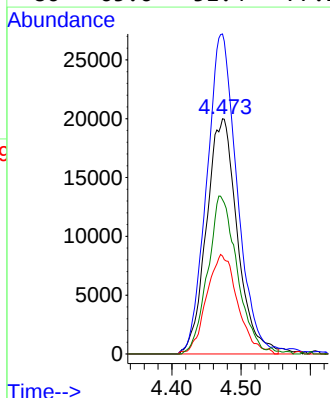
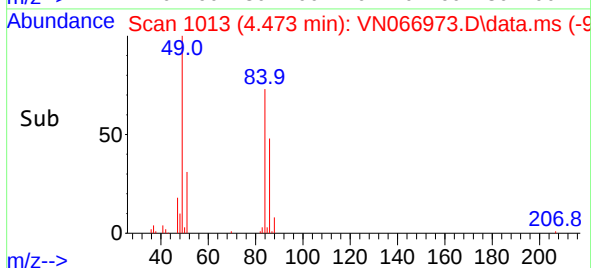
Tgt Ion: 43 Resp: 9137
Ion Ratio Lower Upper
43 100
74 10.0 19.5 29.3#



#20
Methylene Chloride
Concen: 9.43 ug/l
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



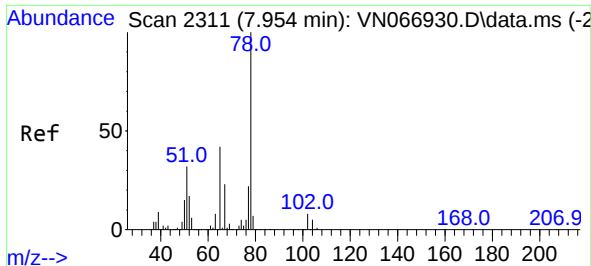
Tgt Ion: 84 Resp: 61885
Ion Ratio Lower Upper
84 100
49 136.1 94.6 141.8
51 41.7 29.9 44.9
86 65.6 51.4 77.2



Instrument :
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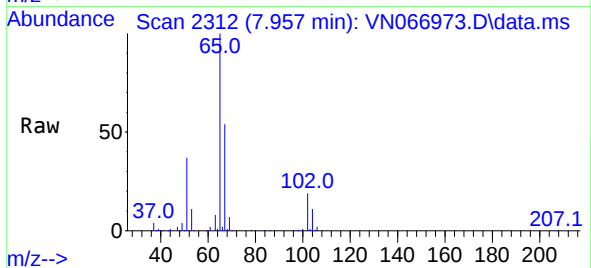
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#33
 1,2-Dichloroethane-d4
 Concen: 52.67 ug/l
 RT: 7.957 min Scan# 2312
 Delta R.T. 0.003 min
 Lab File: VN066973.D
 Acq: 5 May 2021 7:09

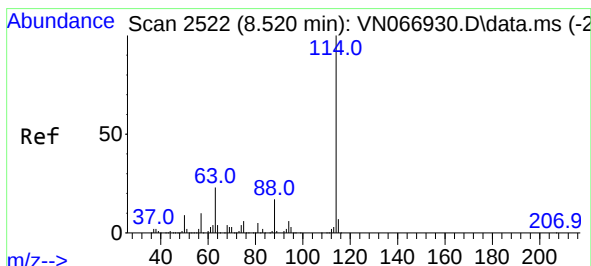
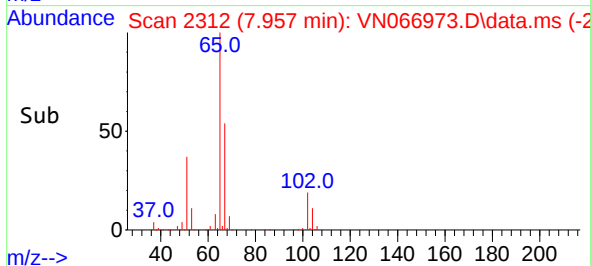
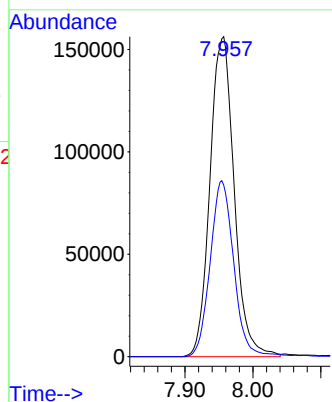
Instrument :
 MSVOA_N
 ClientSampleId :
 R2-C-BOTTOM



Tgt Ion: 65 Resp: 387228
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2

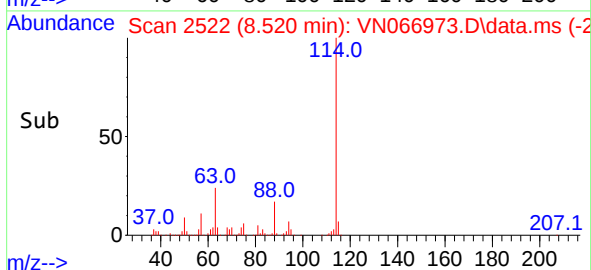
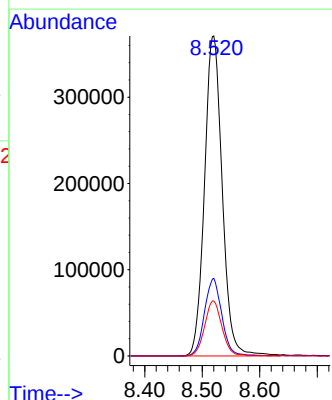
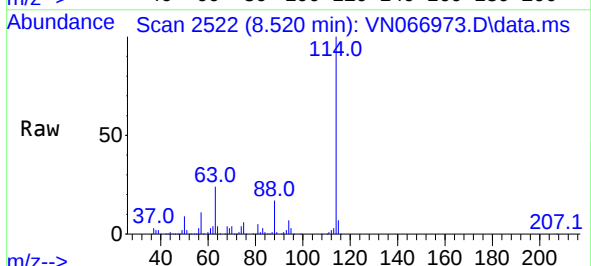
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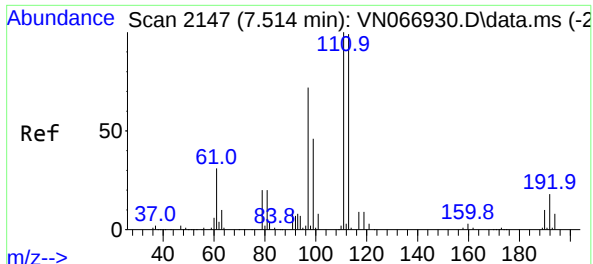
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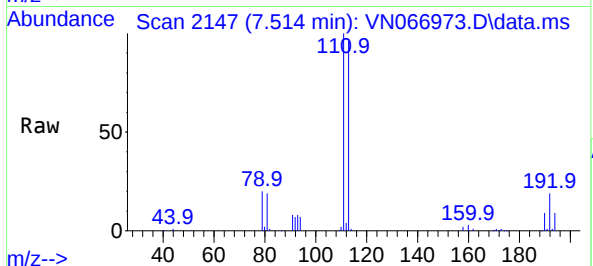
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VN066973.D
 Acq: 5 May 2021 7:09

Tgt Ion: 114 Resp: 794190
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 38.6
 88 17.2 0.0 30.6

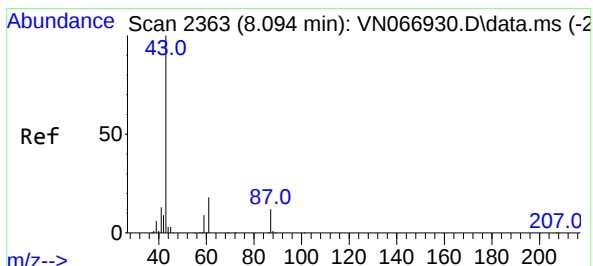
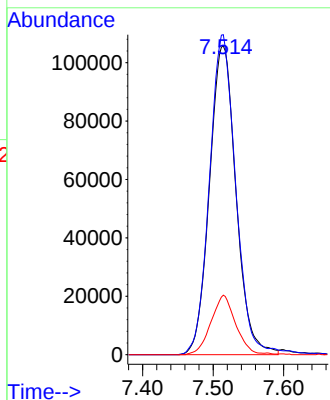
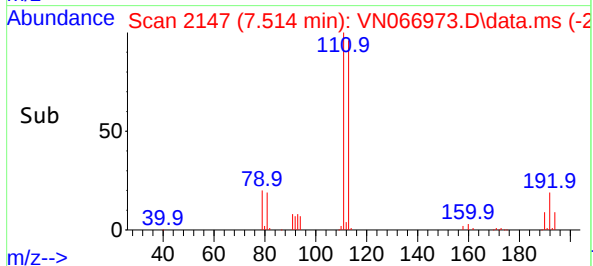




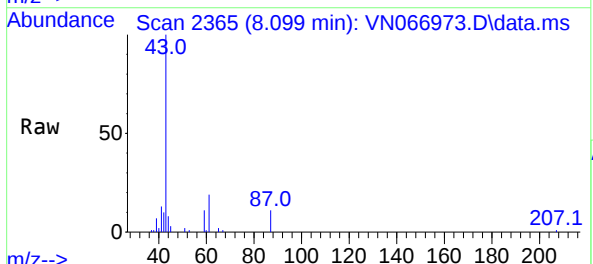
#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



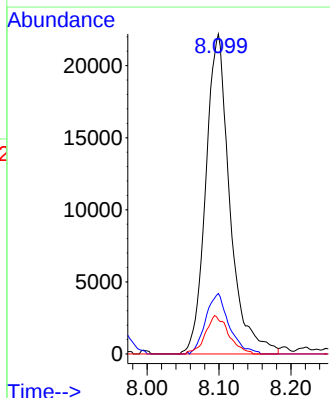
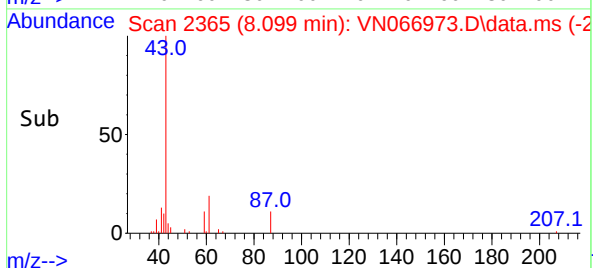
Tgt Ion: 113 Resp: 276458
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 17.9 15.4 23.0



#43
Isopropyl Acetate
Concen: 3.77 ug/l
RT: 8.099 min Scan# 2365
Delta R.T. 0.005 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



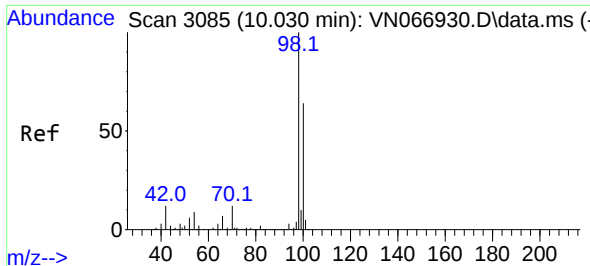
Tgt Ion: 43 Resp: 51652
Ion Ratio Lower Upper
43 100
61 18.4 22.5 33.7#
87 11.6 11.1 16.7



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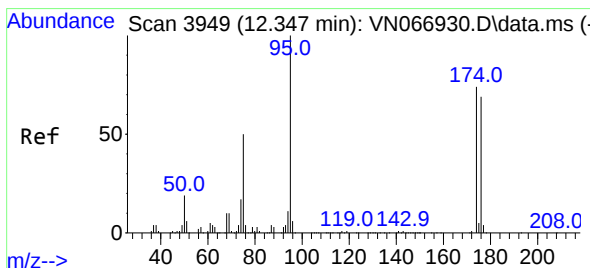
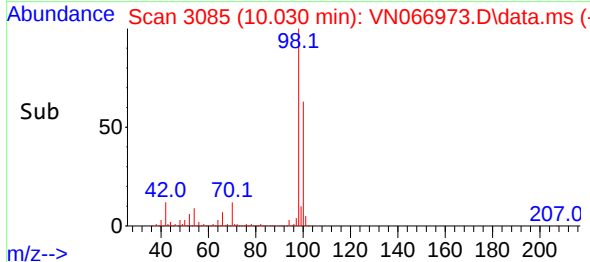
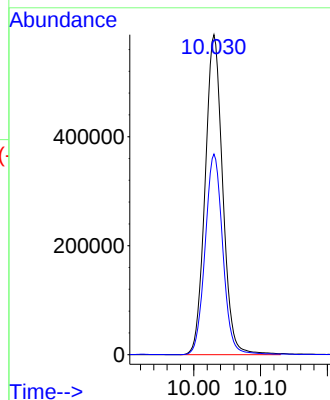
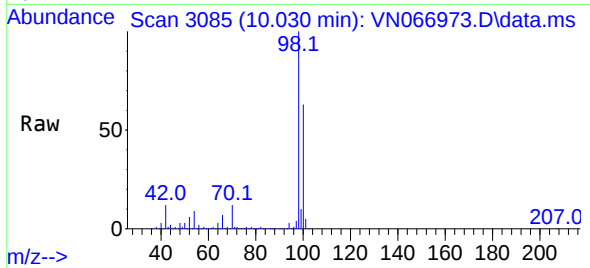
#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09

Tgt Ion: 98 Resp: 1074513
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7

Instrument :
MSVOA_N
ClientSampleId :
R2-C-BOTTOM

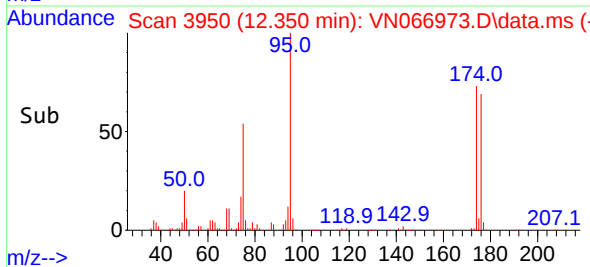
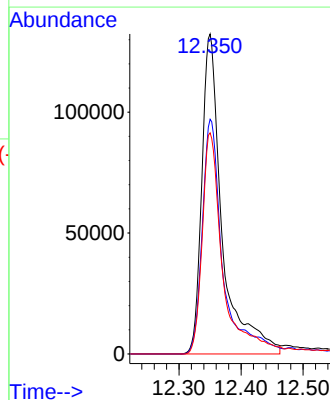
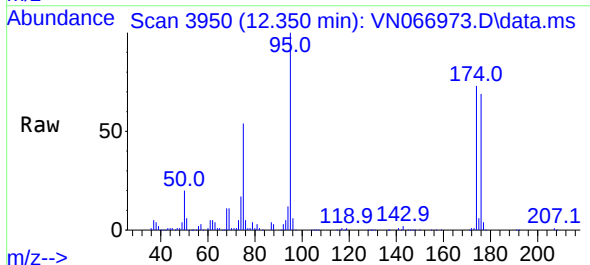
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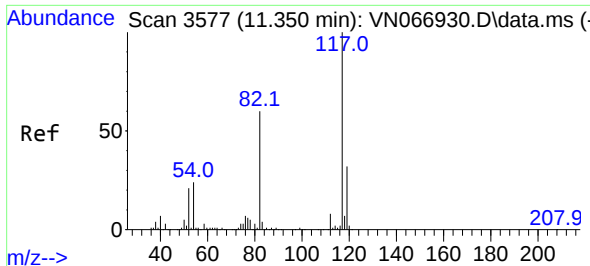
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#62
4-Bromofluorobenzene
Concen: 43.58 ug/l m
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09

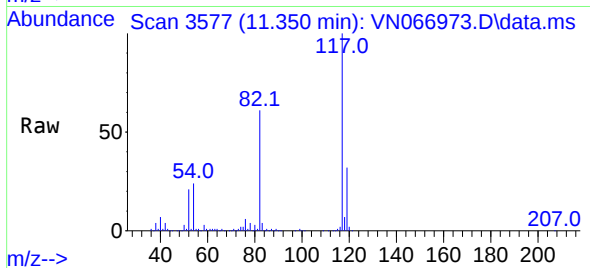
Tgt Ion: 95 Resp: 303052
Ion Ratio Lower Upper
95 100
174 74.1 0.0 169.0
176 69.7 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09

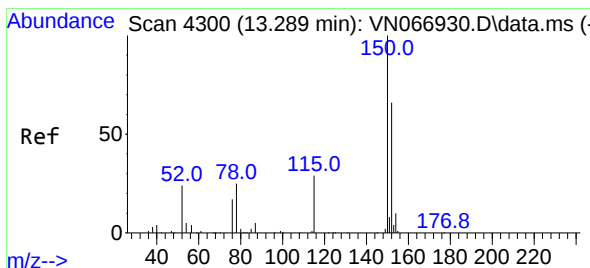
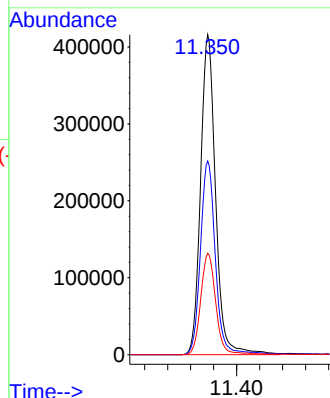
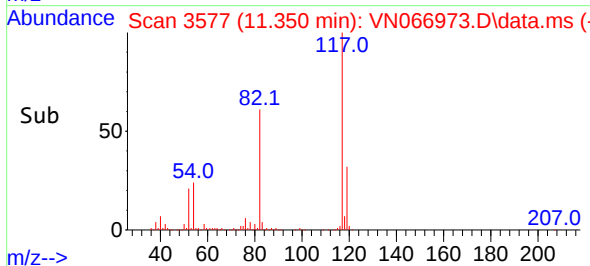
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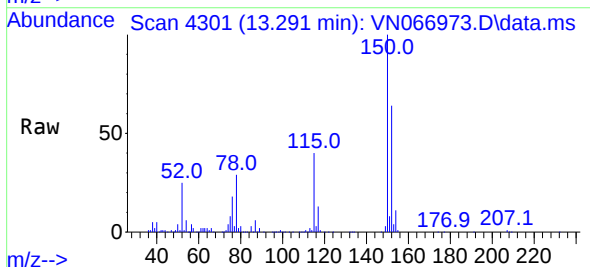
Tgt Ion:117 Resp: 754511
Ion Ratio Lower Upper
117 100
82 60.5 43.7 65.5
119 31.7 26.1 39.1

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066973.D
Acq: 5 May 2021 7:09



Tgt Ion:152 Resp: 254155
Ion Ratio Lower Upper
152 100
115 62.2 28.5 85.6
150 156.4 0.0 347.6

