

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067075.D
 Acq On : 10 May 2021 16:32
 Operator : JC/MD
 Sample : M2323-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AST2-COPR3-1-6

Manual Integrations
 APPROVED

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 5/11/2021 10:37:18 AM

Quant Time: May 11 01:48:07 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	7.587	168	340607	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.515	114	570837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	505576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	166401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	295340	55.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.18%	
35) Dibromofluoromethane	7.509	113	213127	54.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.96%	
50) Toluene-d8	10.027	98	787098	53.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.64%	
62) 4-Bromofluorobenzene	12.350	95	221736	44.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.72%	
Target Compounds						
16) Acetone	3.746	43	38386	20.35	ug/l	Qvalue 95
18) Methyl Acetate	4.240	43	8741m	1.62	ug/l	
20) Methylene Chloride	4.462	84	34928	7.30	ug/l	96
43) Isopropyl Acetate	8.091	43	20248	2.06	ug/l	# 86

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

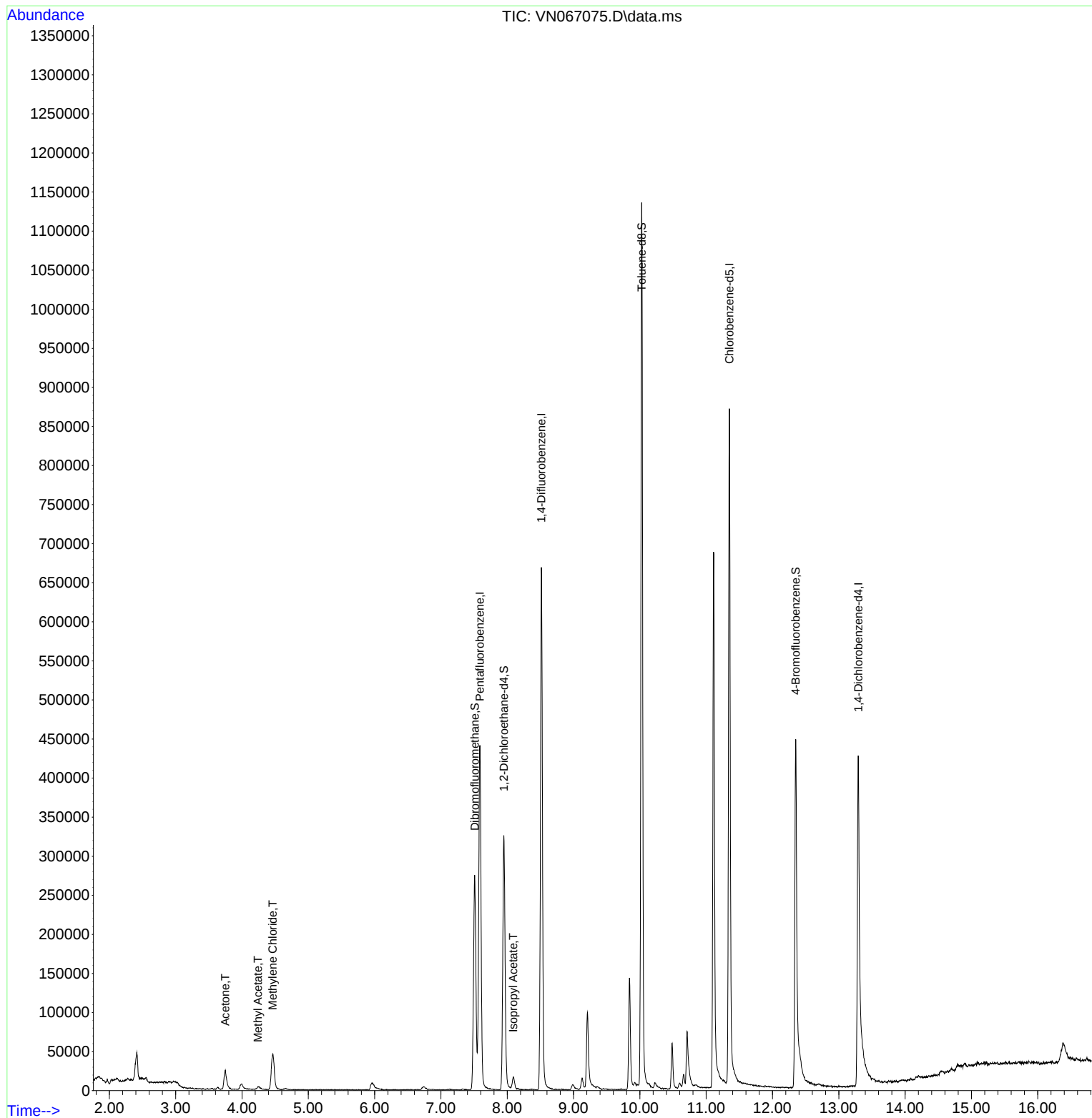
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
Data File : VN067075.D
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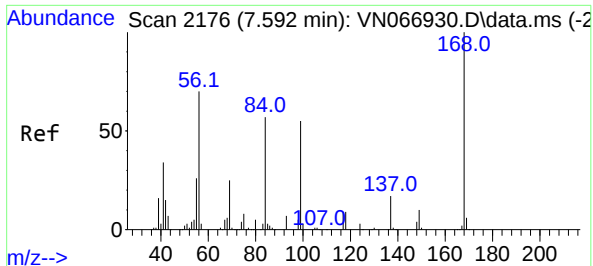
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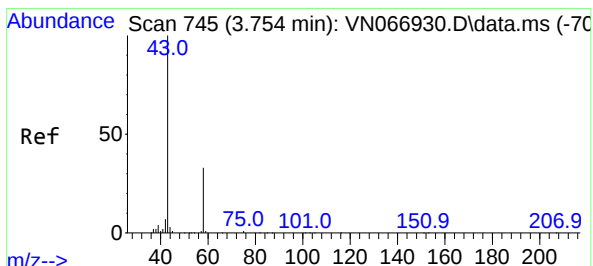
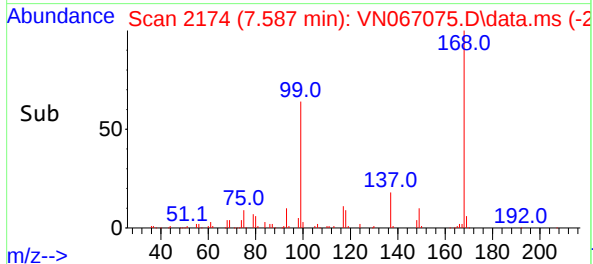
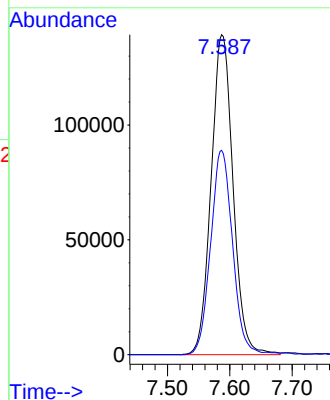
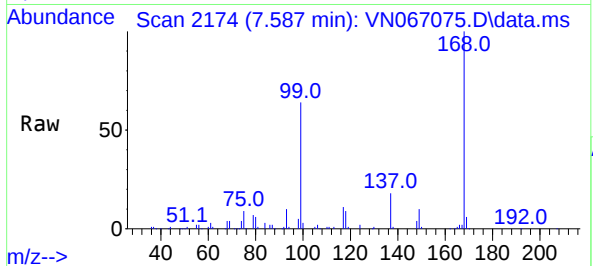
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.005 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

Tgt Ion: 168 Resp: 340607
Ion Ratio Lower Upper
168 100
99 63.9 42.6 63.8#

Instrument :
MSVOA_N
ClientSampleId :
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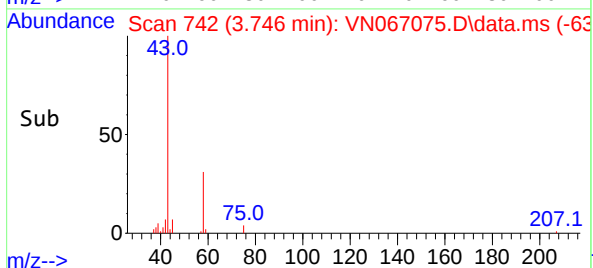
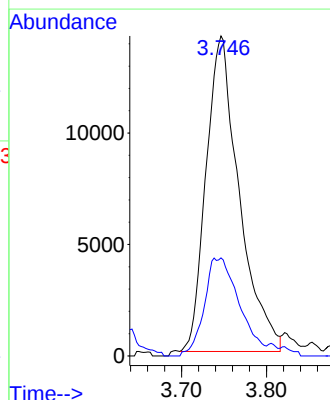
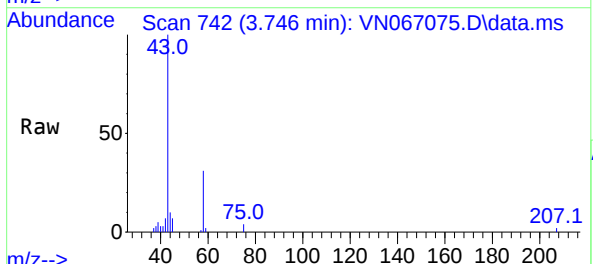
Manual Integrations
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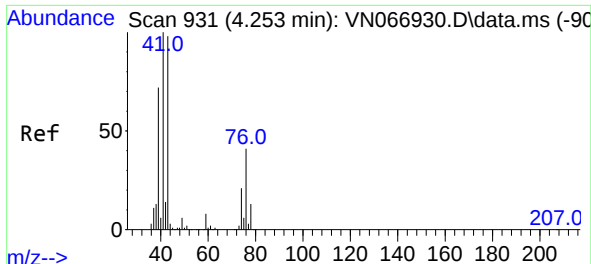
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#16
Acetone
Concen: 20.35 ug/l
RT: 3.746 min Scan# 742
Delta R.T. -0.008 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

Tgt Ion: 43 Resp: 38386
Ion Ratio Lower Upper
43 100
58 31.1 27.0 40.6





#18

Methyl Acetate

Concen: 1.62 ug/l m

RT: 4.240 min Scan# 926

Delta R.T. -0.013 min

Lab File: VN067075.D

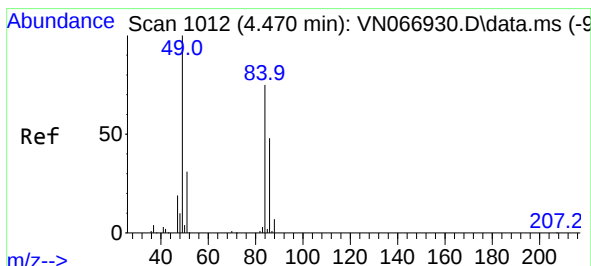
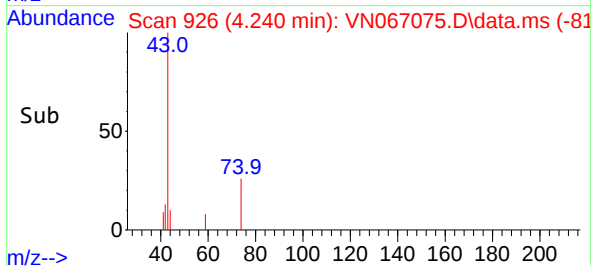
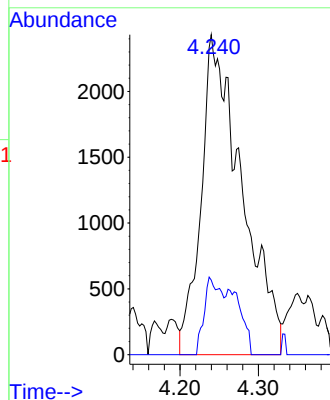
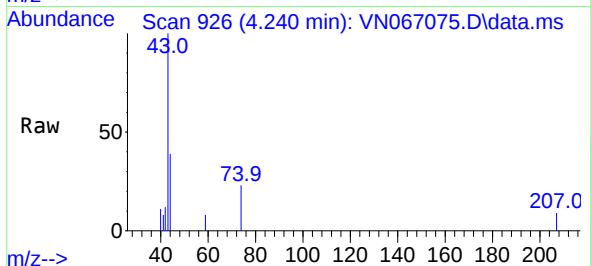
Acq: 10 May 2021 16:32

Tgt Ion: 43 Resp: 8741

Ion Ratio Lower Upper

43 100

74 10.1 19.5 29.3#



#20

Methylene Chloride

Concen: 7.30 ug/l

RT: 4.462 min Scan# 1009

Delta R.T. -0.008 min

Lab File: VN067075.D

Acq: 10 May 2021 16:32

Tgt Ion: 84 Resp: 34928

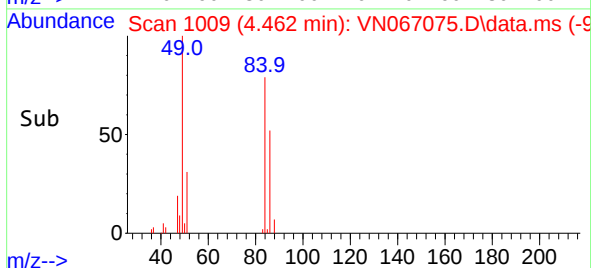
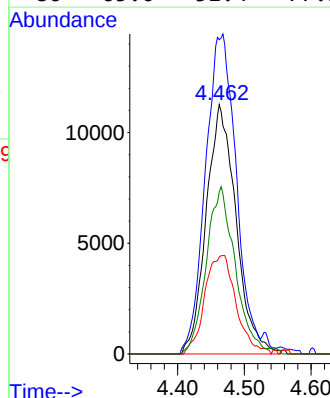
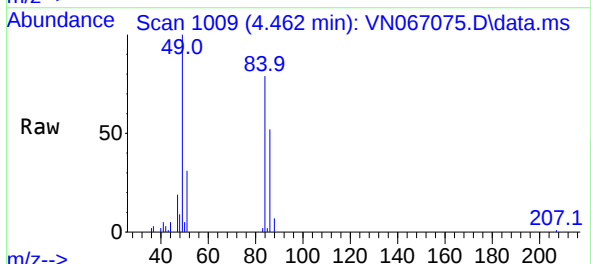
Ion Ratio Lower Upper

84 100

49 125.9 94.6 141.8

51 38.8 29.9 44.9

86 65.0 51.4 77.2



Instrument :

MSVOA_N

ClientSampleId :

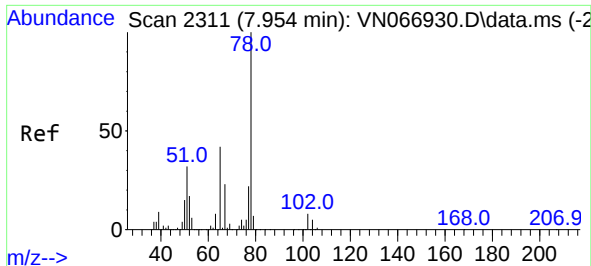
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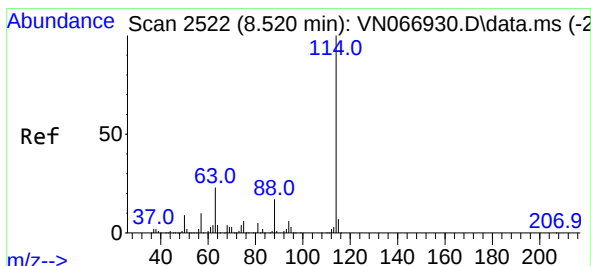
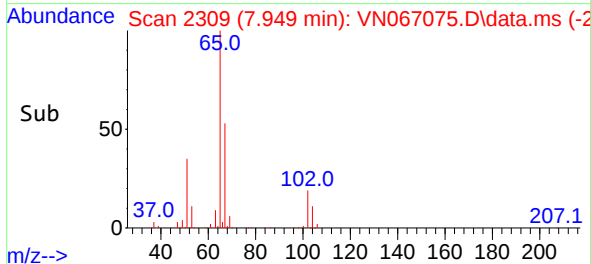
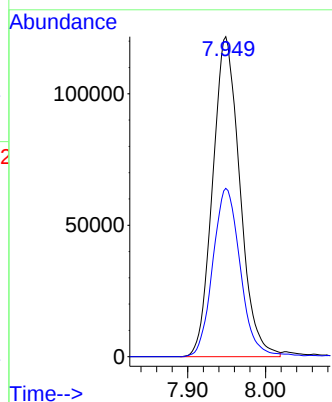
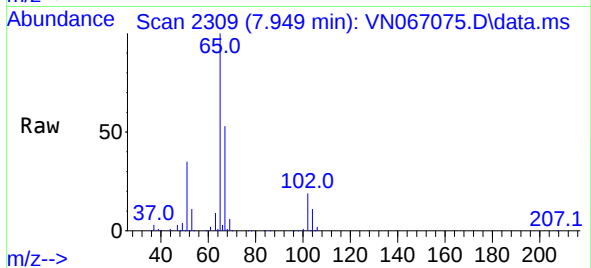
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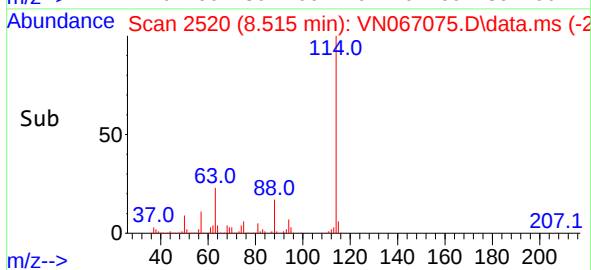
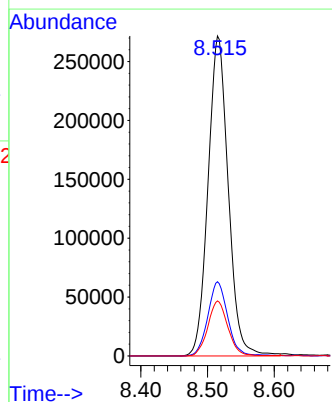
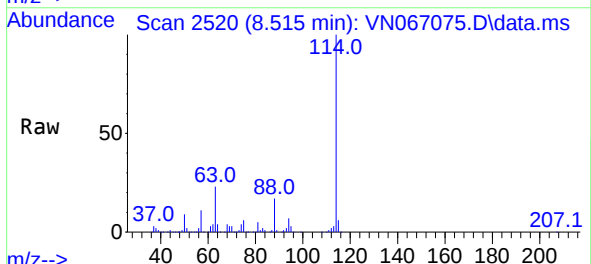
#33
1,2-Dichloroethane-d4
Concen: 55.09 ug/l
RT: 7.949 min Scan# 2309
Delta R.T. -0.005 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

Tgt Ion: 65 Resp: 295340
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

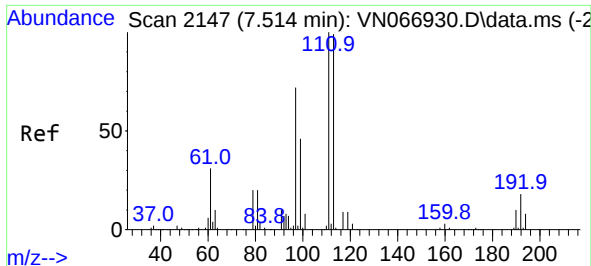
Tgt Ion: 114 Resp: 570837
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.6
88 17.2 0.0 30.6



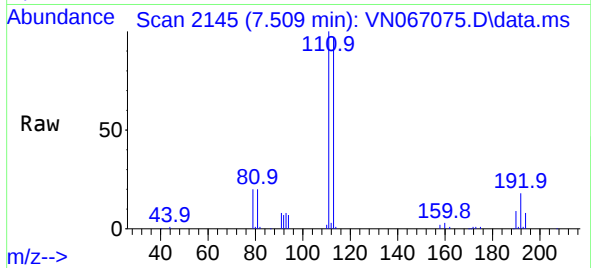
Instrument :
MSVOA_N
ClientSampleId :
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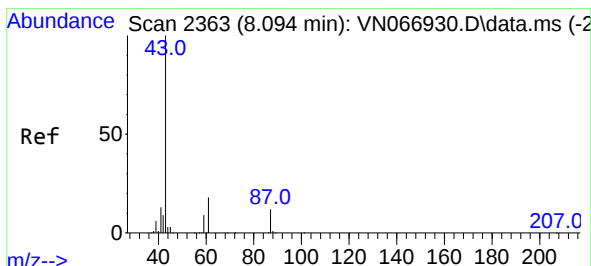
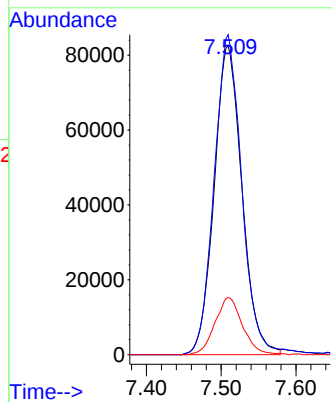
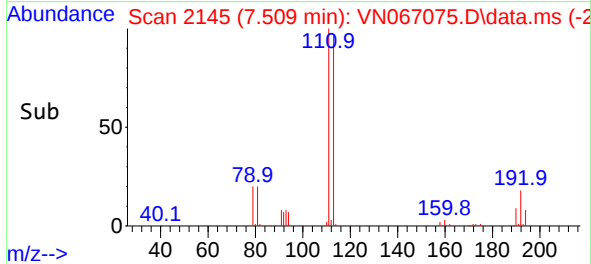
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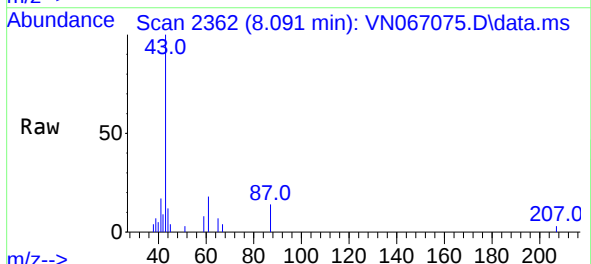
#35
Dibromofluoromethane
Concen: 54.98 ug/l
RT: 7.509 min Scan# 2145
Delta R.T. -0.005 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32



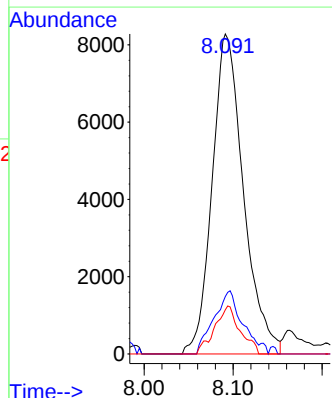
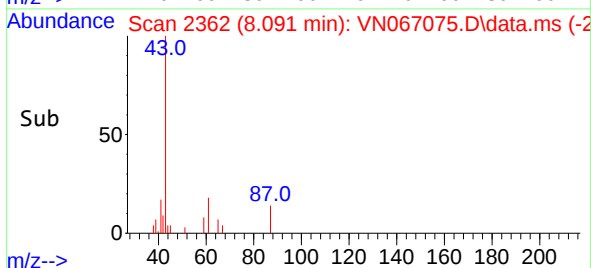
Tgt Ion: 113 Resp: 213127
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.3 15.4 23.0



#43
Isopropyl Acetate
Concen: 2.06 ug/l
RT: 8.091 min Scan# 2362
Delta R.T. -0.003 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32



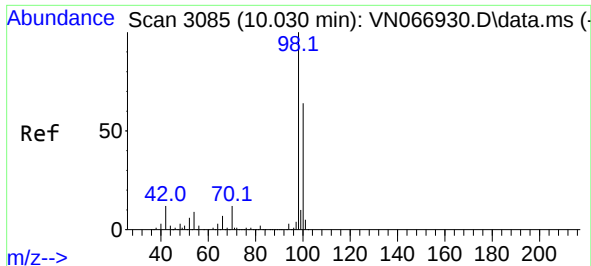
Tgt Ion: 43 Resp: 20248
Ion Ratio Lower Upper
43 100
61 18.2 22.5 33.7#
87 12.1 11.1 16.7



Instrument :
MSVOA_N
ClientSampleId :
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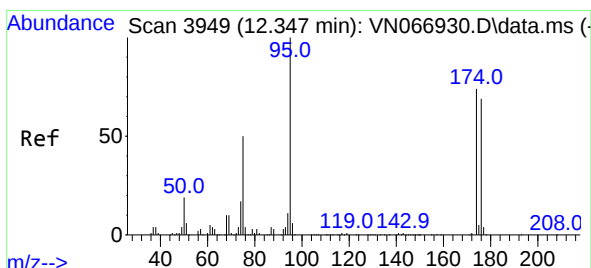
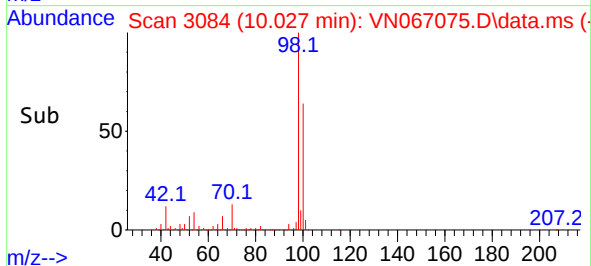
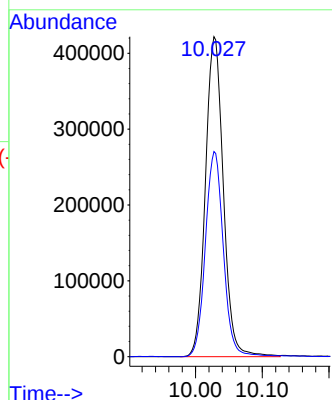
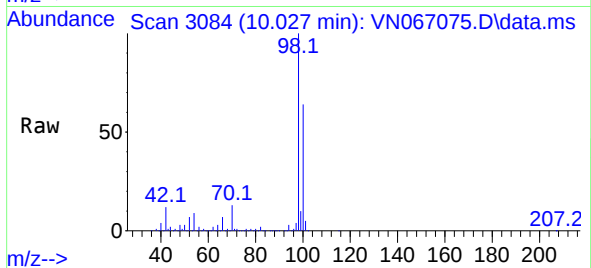
#50
Toluene-d8
Concen: 53.32 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

Tgt Ion: 98 Resp: 787098
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

Instrument :
MSVOA_N
ClientSampleId :
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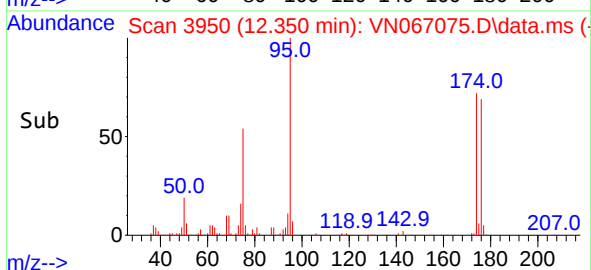
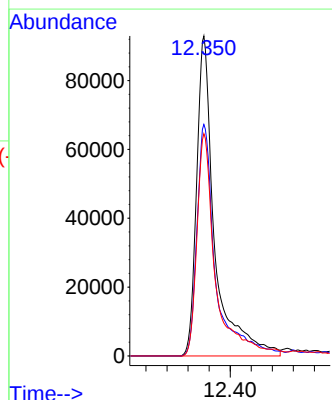
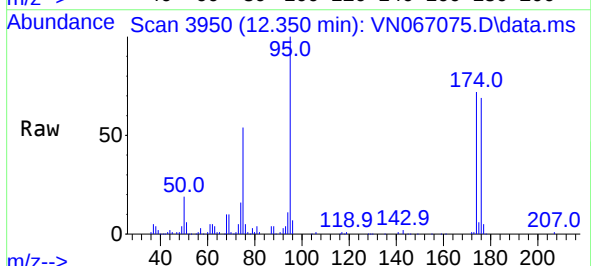
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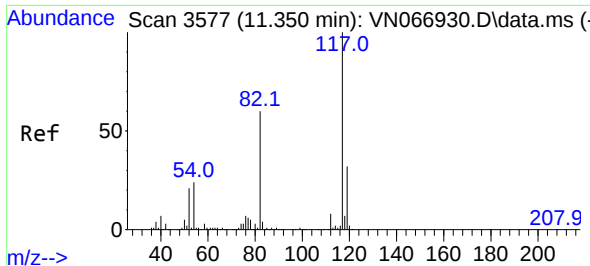
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#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

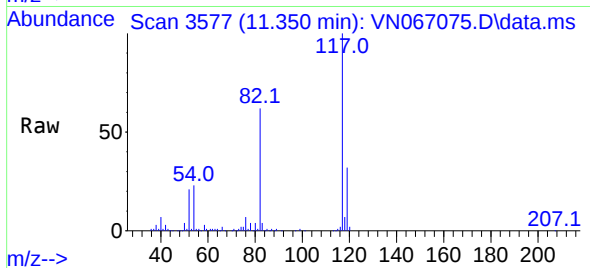
Tgt Ion: 95 Resp: 221736
Ion Ratio Lower Upper
95 100
174 75.1 0.0 169.0
176 70.4 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067075.D
Acq: 10 May 2021 16:32

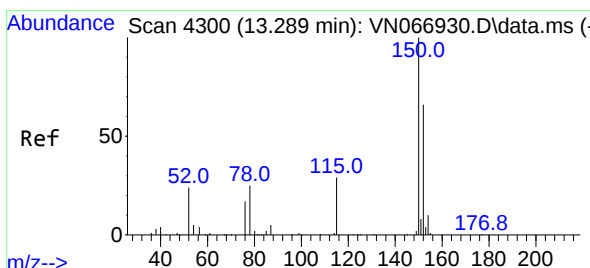
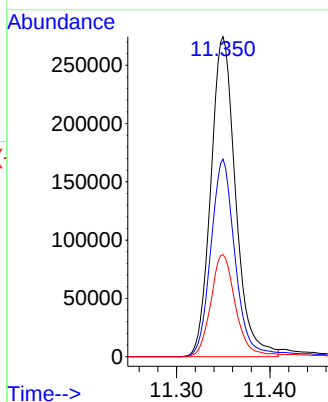
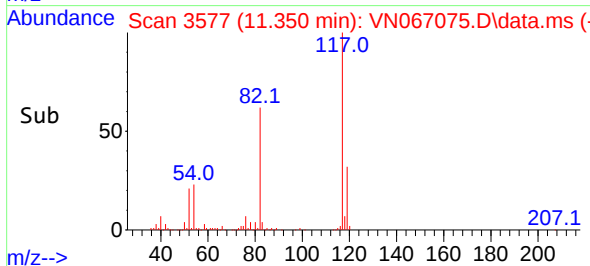
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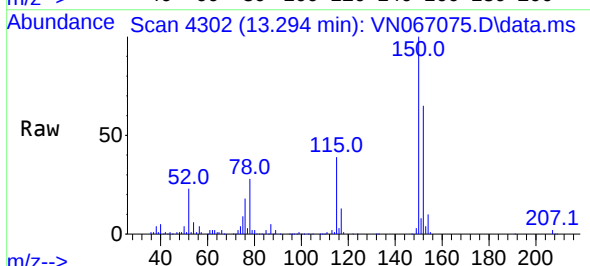
Tgt Ion:117 Resp: 505576
Ion Ratio Lower Upper
117 100
82 61.8 43.7 65.5
119 31.9 26.1 39.1

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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: VN067075.D
Acq: 10 May 2021 16:32



Tgt Ion:152 Resp: 166401
Ion Ratio Lower Upper
152 100
115 63.7 28.5 85.6
150 161.2 0.0 347.6

