

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
 Data File : VN068048.D
 Acq On : 9 Aug 2021 19:12
 Operator : JC/MD
 Sample : M3316-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL

Manual Integrations
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Quant Time: Aug 10 03:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	303116	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	600017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	626478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	241414	56.259	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.520%	
35) Dibromofluoromethane	8.024	113	183389	52.445	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.880%	
50) Toluene-d8	10.443	98	780791	48.507	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.733	95	260983	44.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	41424	26.457	ug/l	100
18) Methyl Acetate	4.881	43	5192m	1.279	ug/l	
20) Methylene Chloride	5.098	84	33943	9.156	ug/l	91
25) 2-Butanone	7.351	43	25069	11.036	ug/l	94
43) Isopropyl Acetate	8.566	43	37020	4.253	ug/l #	92

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

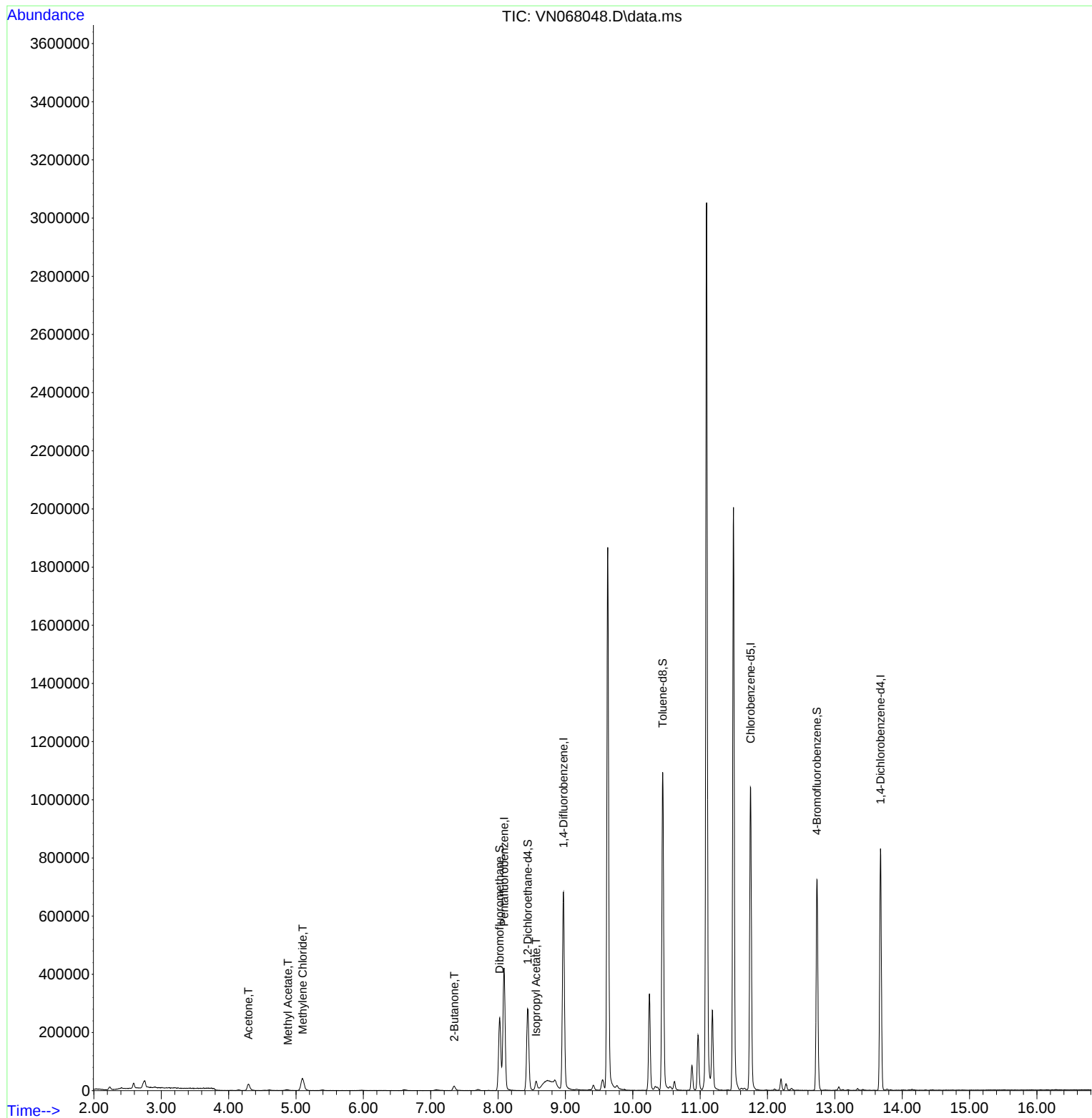
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
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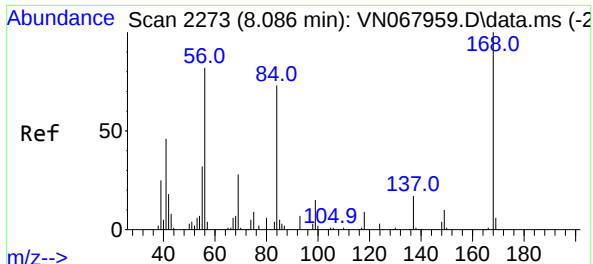
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Quant Time: Aug 10 03:54:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration





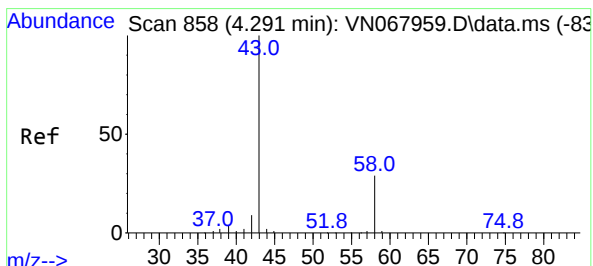
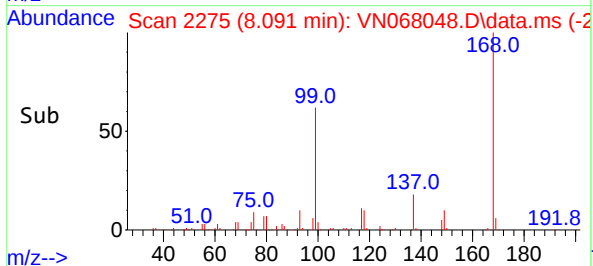
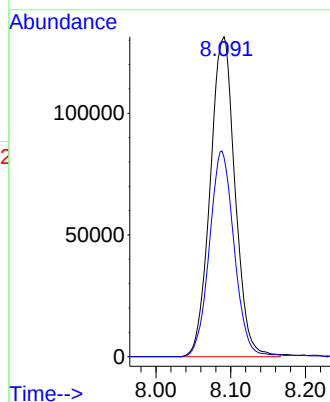
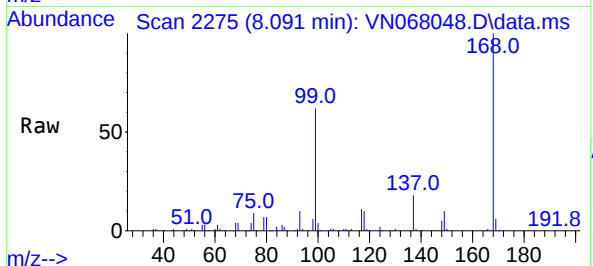
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion: 168 Resp: 303116
Ion Ratio Lower Upper
168 100
99 62.3 62.9 94.3#

Instrument :
MSVOA_N
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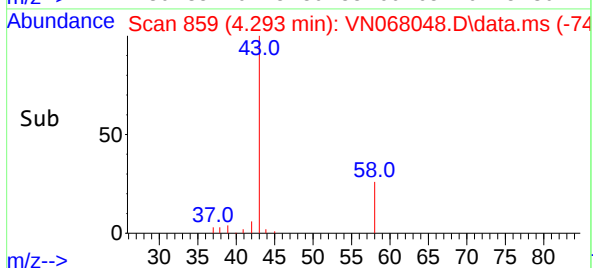
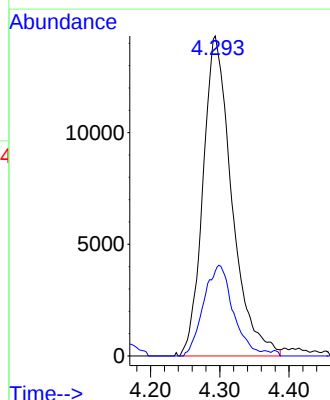
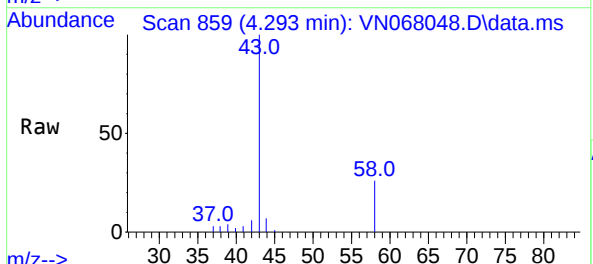
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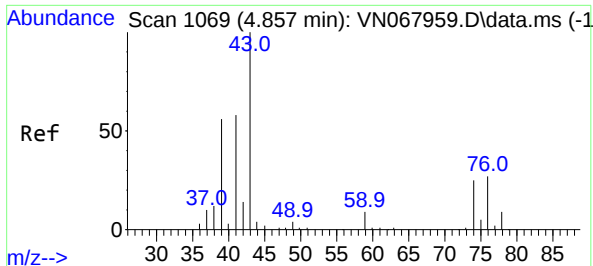
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#16
Acetone
Concen: 26.457 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

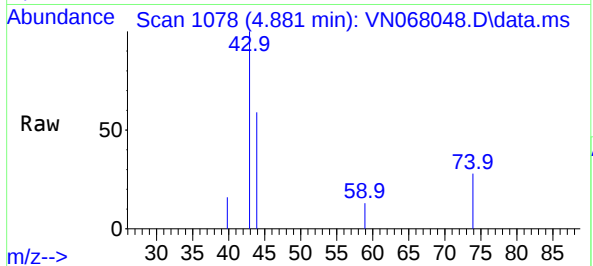
Tgt Ion: 43 Resp: 41424
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





#18
Methyl Acetate
Concen: 1.279 ug/l m
RT: 4.881 min Scan# 1078
Delta R.T. 0.024 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

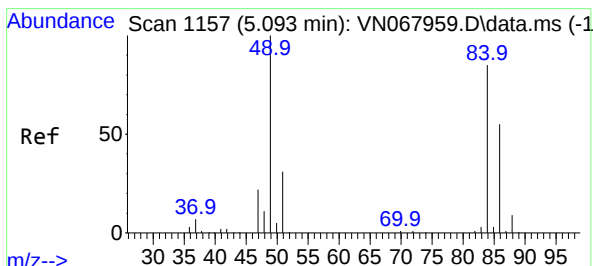
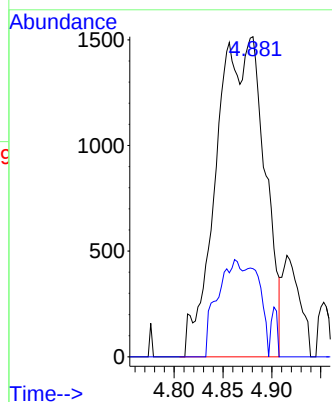
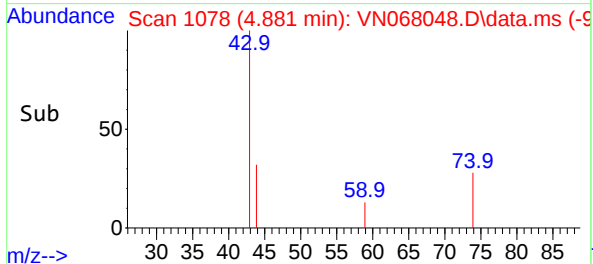
Instrument :
MSVOA_N
ClientSampled :
SOIL



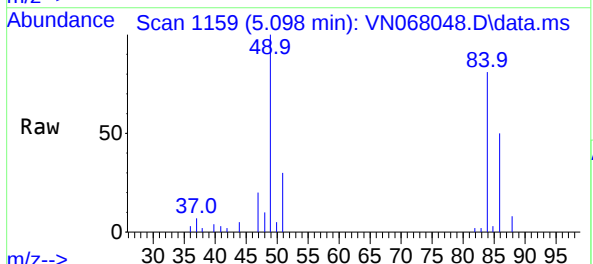
Tgt Ion: 43 Resp: 5192
Ion Ratio Lower Upper
43 100
74 15.4 17.4 26.0#

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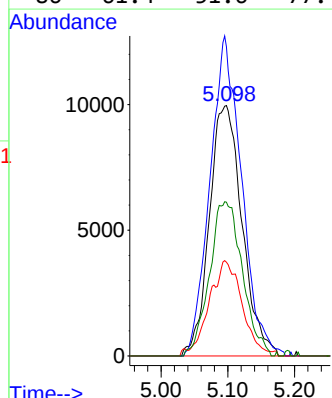
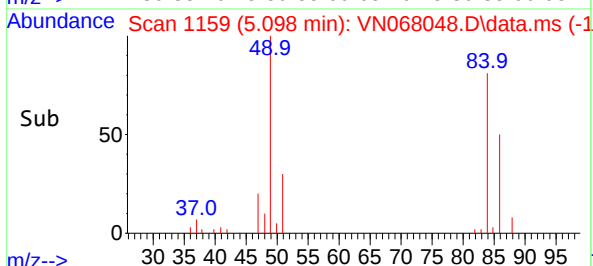
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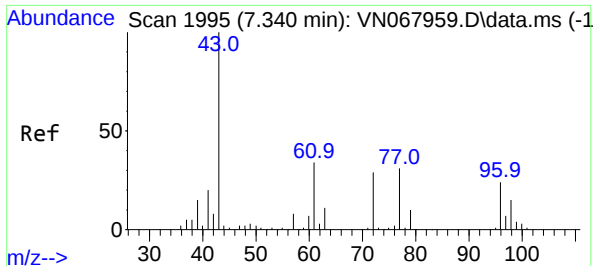


#20
Methylene Chloride
Concen: 9.156 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12



Tgt Ion: 84 Resp: 33943
Ion Ratio Lower Upper
84 100
49 123.5 110.9 166.3
51 37.4 32.6 49.0
86 61.4 51.6 77.4





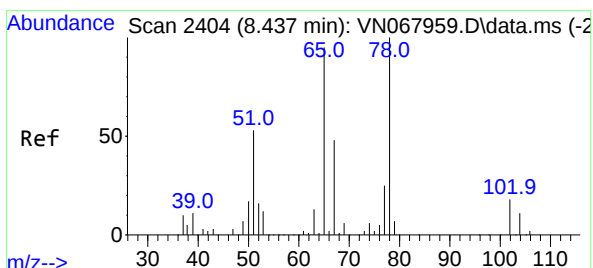
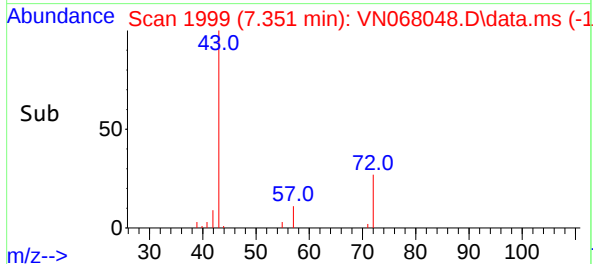
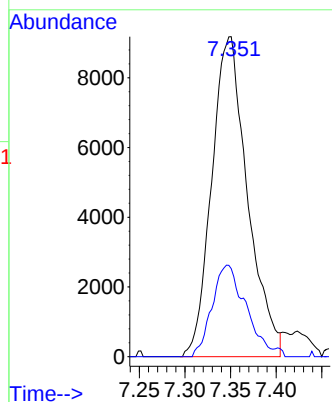
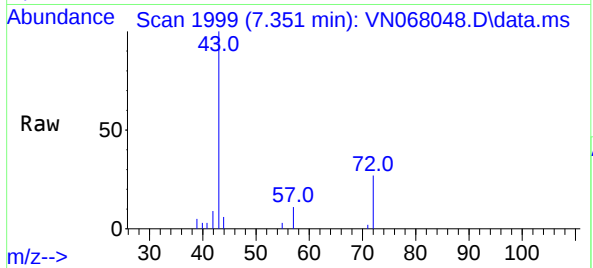
#25
2-Butanone
Concen: 11.036 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion: 43 Resp: 25069
Ion Ratio Lower Upper
43 100
72 27.5 19.7 29.5

Instrument :
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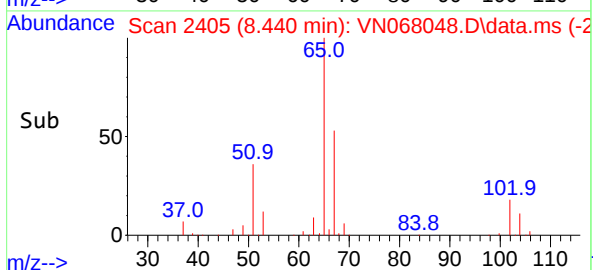
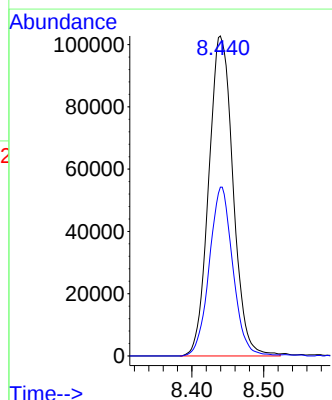
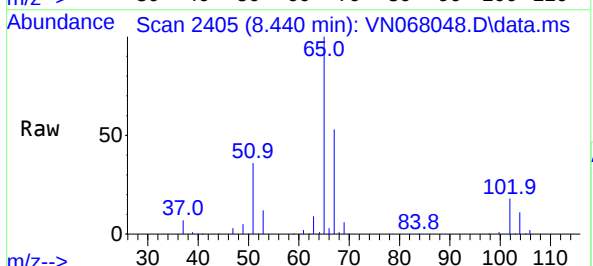
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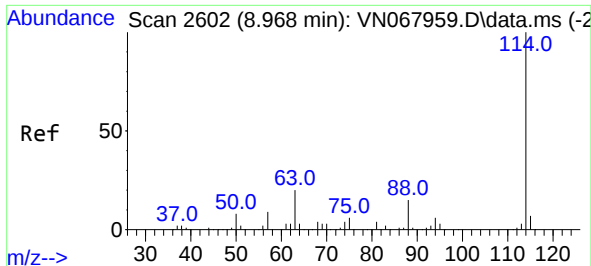
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#33
1,2-Dichloroethane-d4
Concen: 56.259 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion: 65 Resp: 241414
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6





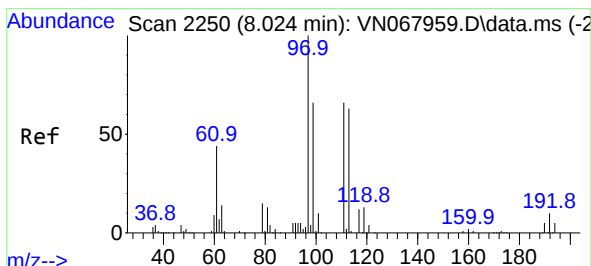
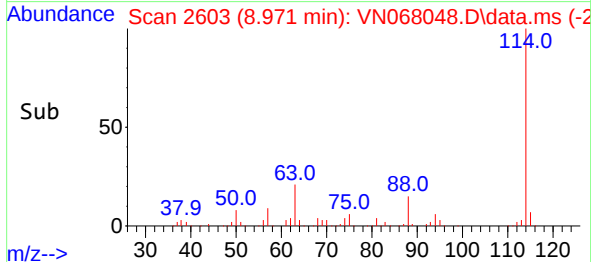
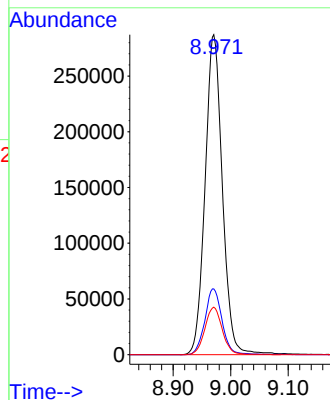
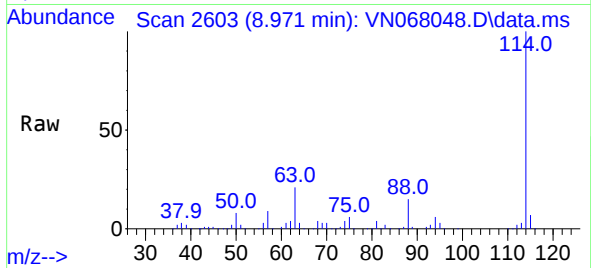
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion:114 Resp: 600017
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 14.8 0.0 36.6

Instrument :
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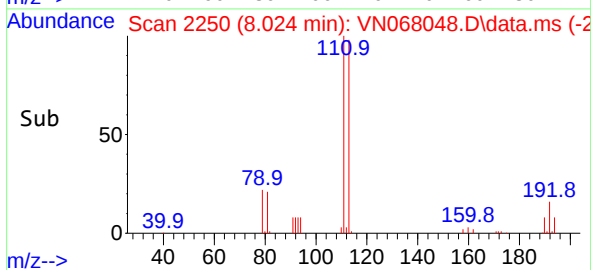
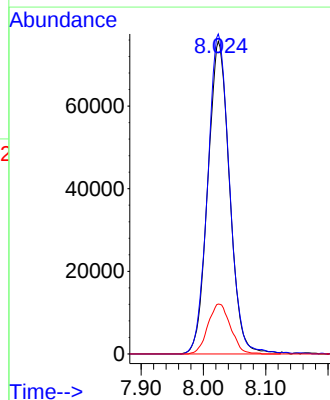
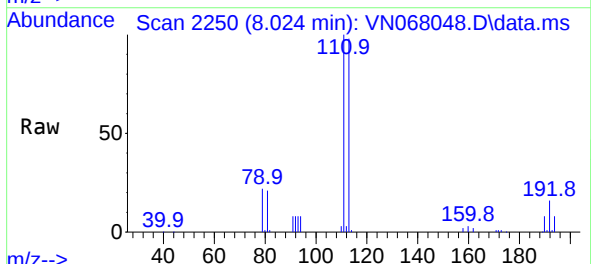
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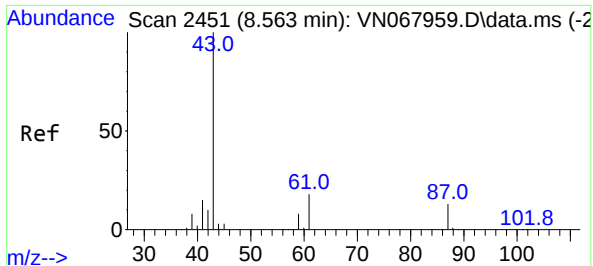
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#35
Dibromofluoromethane
Concen: 52.445 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion:113 Resp: 183389
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 16.5 13.4 20.0





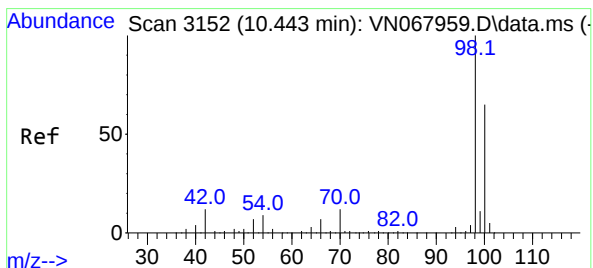
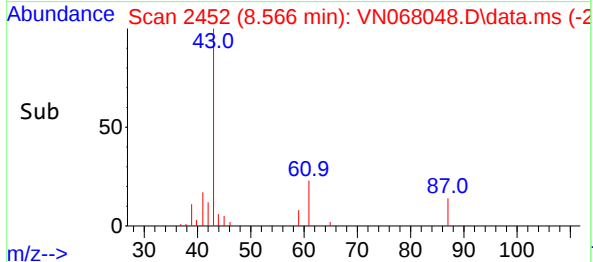
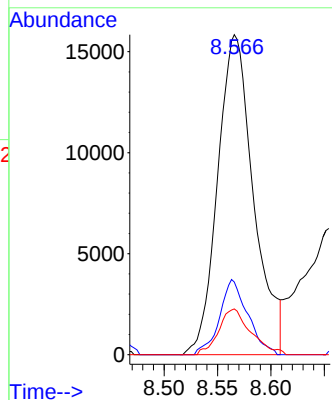
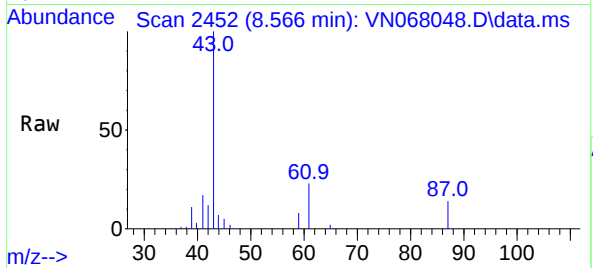
#43
Isopropyl Acetate
Concen: 4.253 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

Tgt Ion: 43 Resp: 37020
Ion Ratio Lower Upper
43 100
61 18.5 19.0 28.4#
87 12.8 9.5 14.3

Instrument :
MSVOA_N
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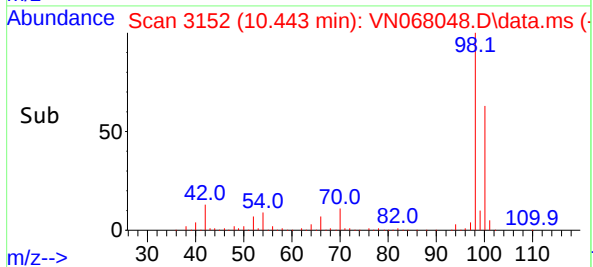
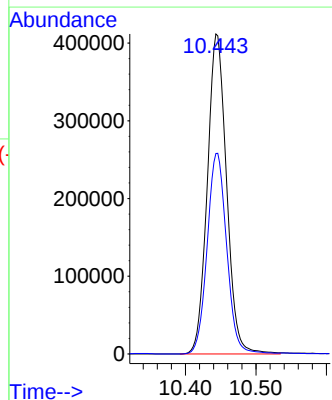
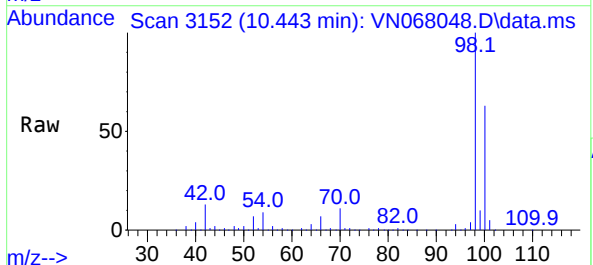
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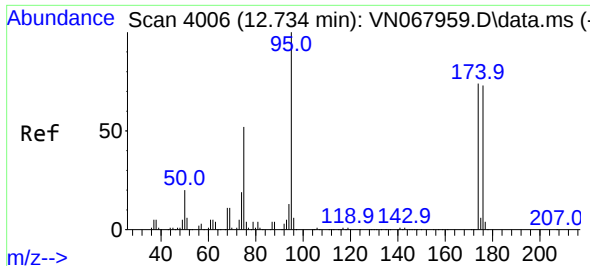
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#50
Toluene-d8
Concen: 48.507 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

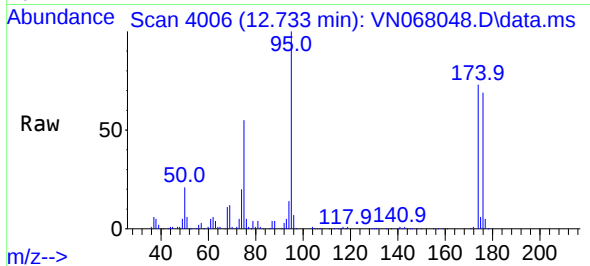
Tgt Ion: 98 Resp: 780791
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 44.761 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

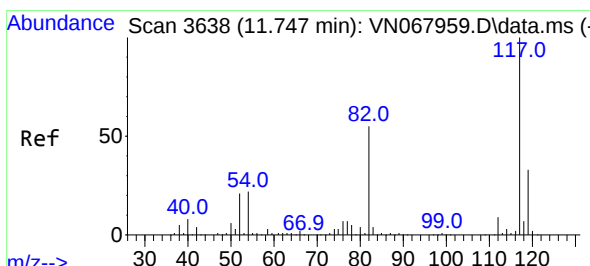
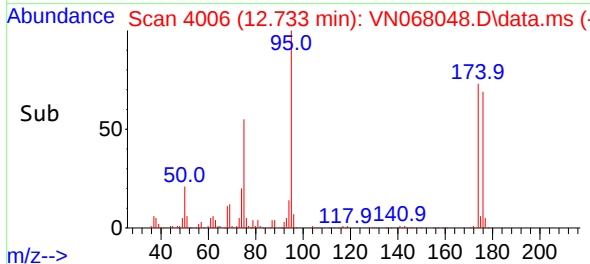
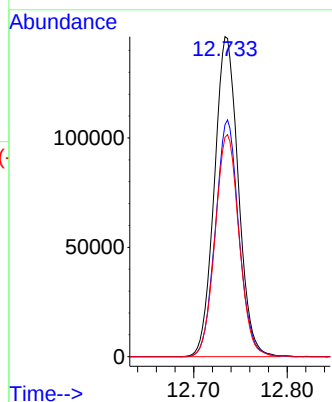
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MSVOA_N
ClientSampled :
SOIL



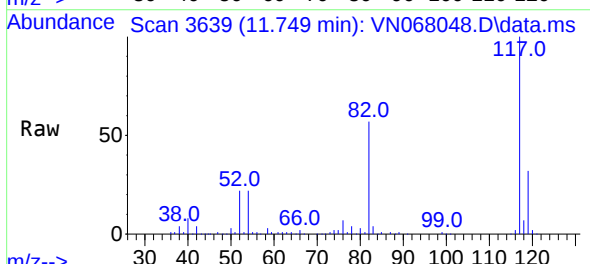
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Ion Ratio Lower Upper
95 100
174 72.7 0.0 122.0
176 69.5 0.0 117.6

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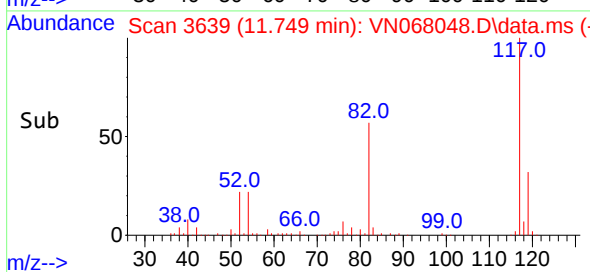
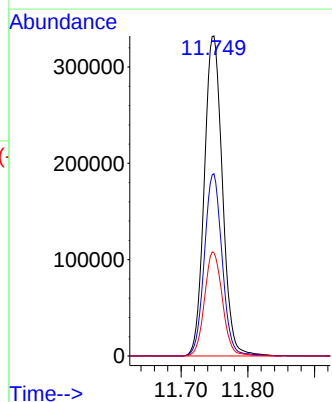
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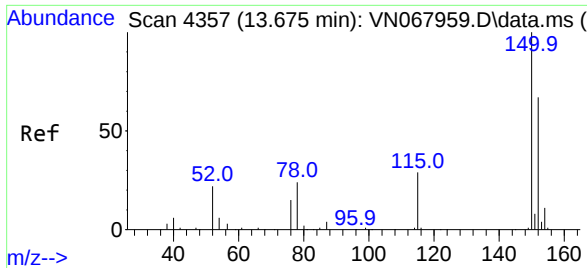


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068048.D
Acq: 9 Aug 2021 19:12

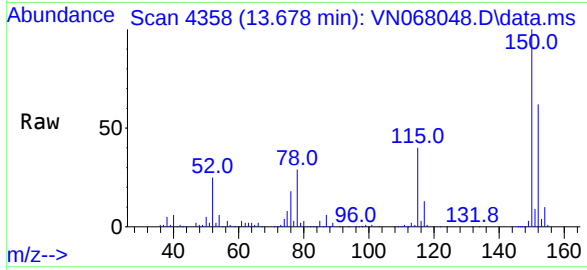


Tgt Ion: 117 Resp: 626478
Ion Ratio Lower Upper
117 100
82 56.9 53.1 79.7
119 32.3 25.5 38.3

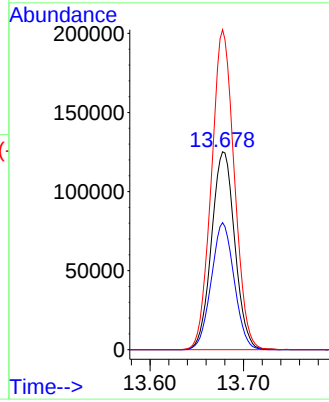
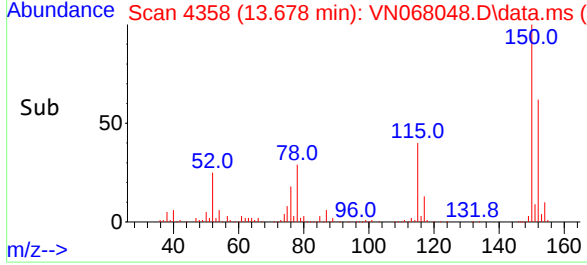




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068048.D
 Acq: 9 Aug 2021 19:12



Tgt Ion:152 Resp: 216989
 Ion Ratio Lower Upper
 152 100
 115 63.1 36.1 108.5
 150 159.0 0.0 351.8



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