

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068901.D
 Acq On : 13 Oct 2021 16:48
 Operator : JC/MD
 Sample : M4175-02
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41173

Manual Integrations
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Quant Time: Oct 14 06:43:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	419372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	689730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	602132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	268717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	253798	45.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.80%		
35) Dibromofluoromethane	8.019	113	203714	50.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.52%		
50) Toluene-d8	10.443	98	824255	51.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.68%		
62) 4-Bromofluorobenzene	12.733	95	289214	47.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.48%		
Target Compounds						
						Qvalue
16) Acetone	4.315	43	5425	2.63	ug/l	89
18) Methyl Acetate	4.867	43	7477m	0.96	ug/l	
39) Methylcyclohexane	9.456	83	11247	1.48	ug/l	95
52) Toluene	10.505	92	461838	40.01	ug/l	99
67) Ethyl Benzene	11.846	91	33903	1.60	ug/l	94
68) m/p-Xylenes	11.953	106	46729	5.82	ug/l	100
69) o-Xylene	12.283	106	17213	2.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	68229	3.80	ug/l	100
95) Naphthalene	15.509	128	28734	5.94	ug/l #	91

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

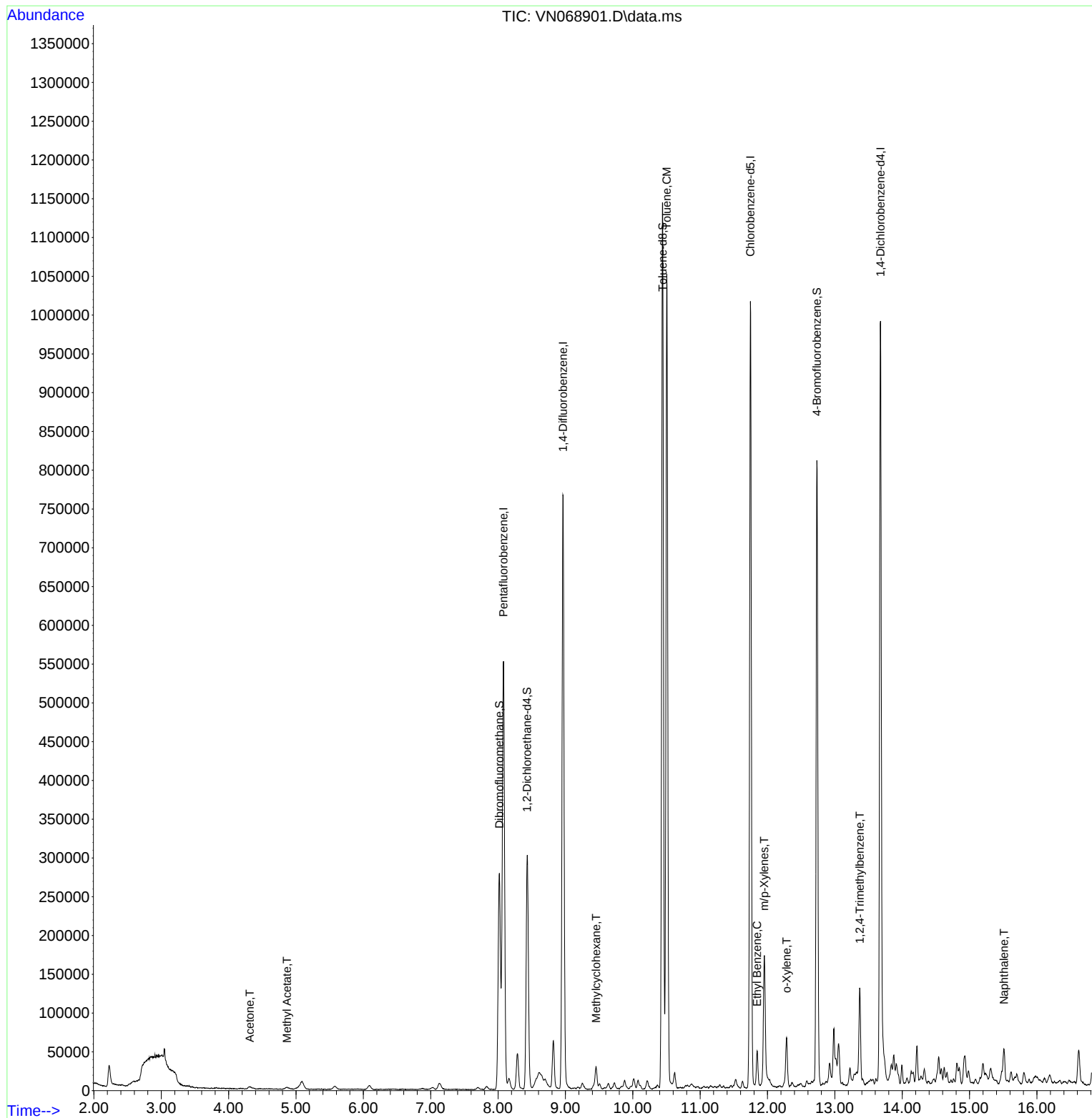
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
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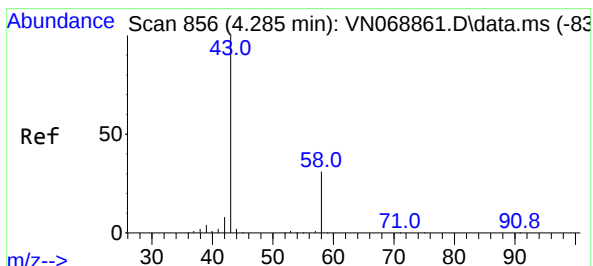
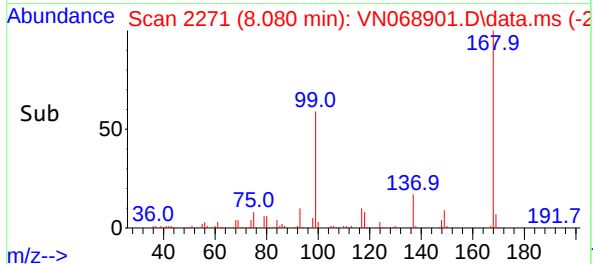
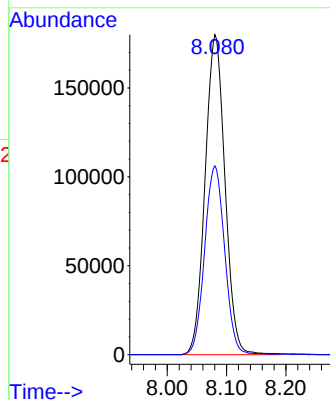
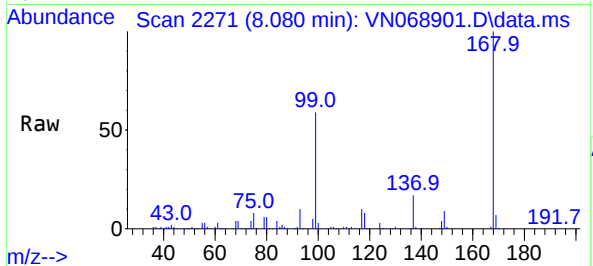
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 168 Resp: 419372
Ion Ratio Lower Upper
168 100
99 59.0 48.9 73.3

Instrument :
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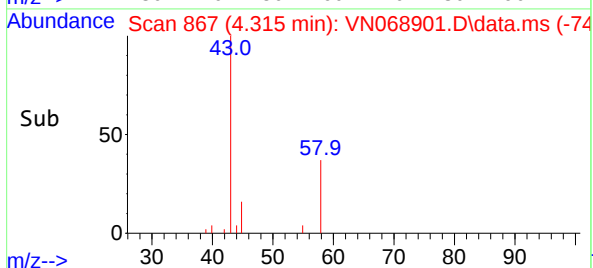
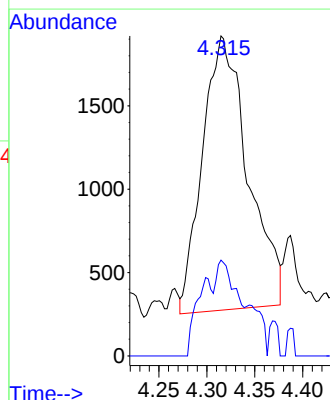
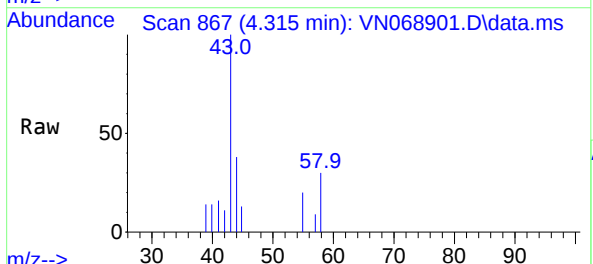
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#16
Acetone
Concen: 2.63 ug/l
RT: 4.315 min Scan# 867
Delta R.T. 0.030 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 43 Resp: 5425
Ion Ratio Lower Upper
43 100
58 36.4 24.5 36.7





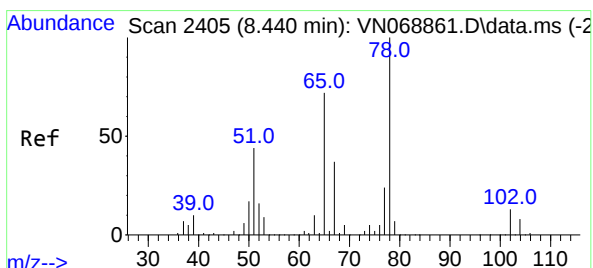
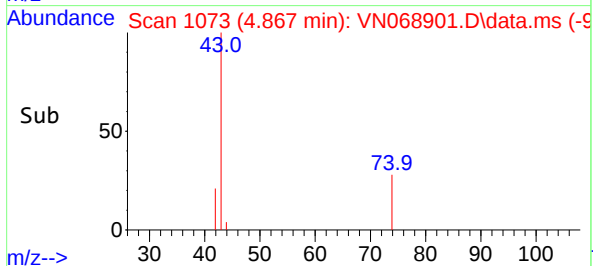
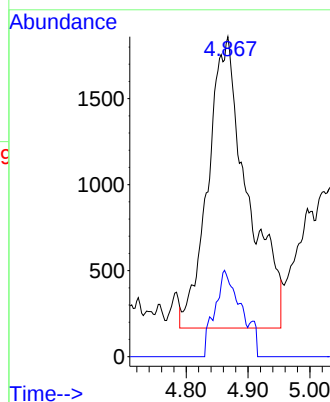
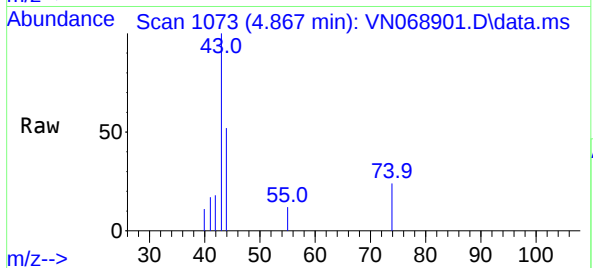
#18
Methyl Acetate
Concen: 0.96 ug/l m
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 43 Resp: 7477
Ion Ratio Lower Upper
43 100
74 18.0 18.9 28.3#

Instrument :
MSVOA_N
ClientSampled :
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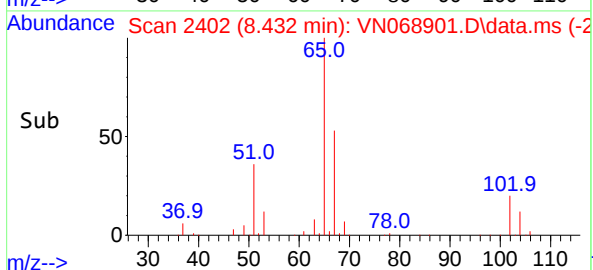
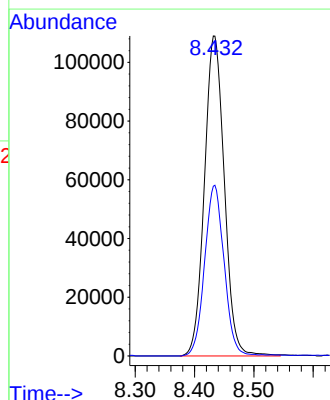
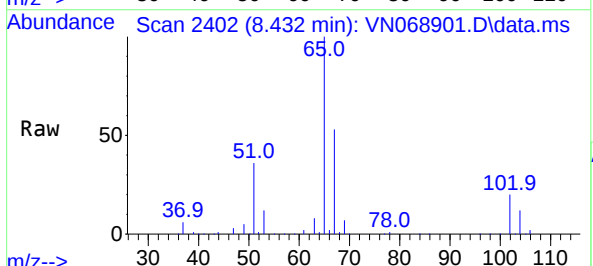
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#33
1,2-Dichloroethane-d4
Concen: 45.90 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.008 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 65 Resp: 253798
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8





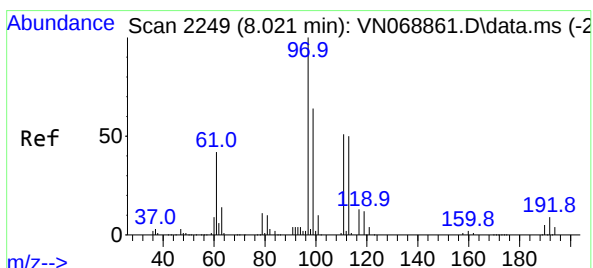
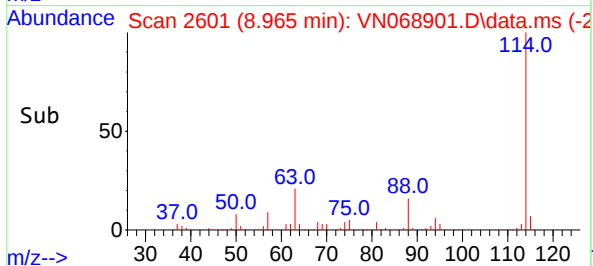
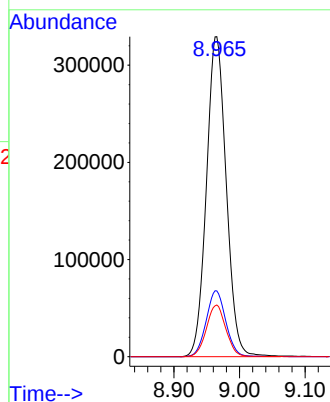
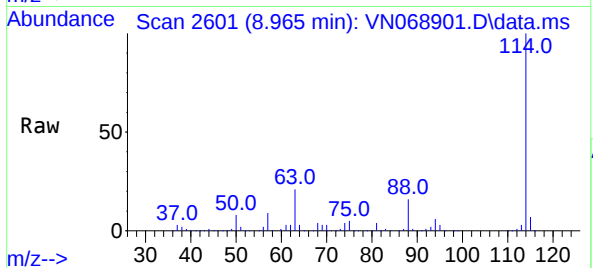
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion:	114	Resp:	689730
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	42.6
88	16.1	0.0	32.0

Instrument :
MSVOA_N
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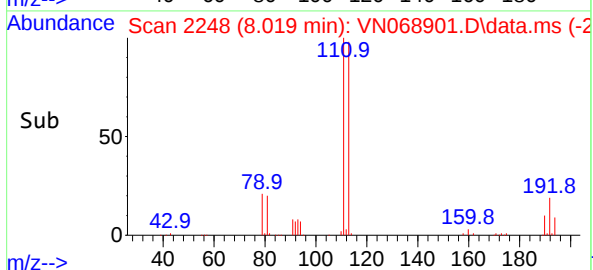
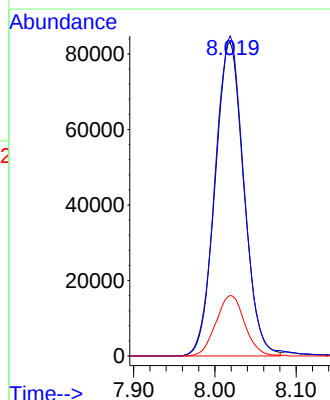
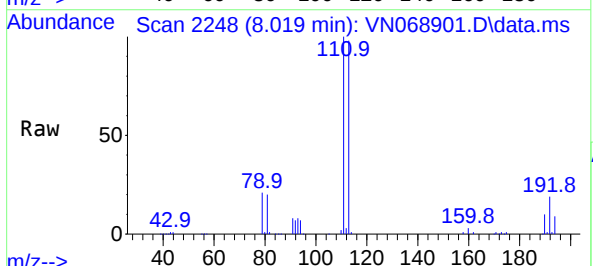
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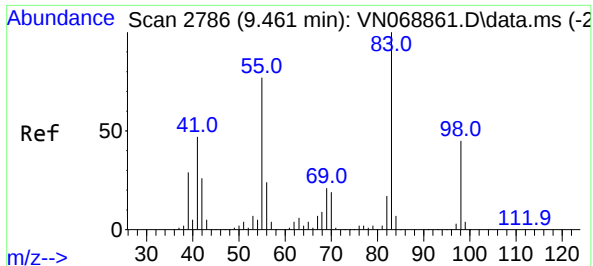
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#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion:	113	Resp:	203714
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.2	124.8
192	19.4	15.0	22.4





#39

Methylcyclohexane

Concen: 1.48 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.005 min

Lab File: VN068901.D

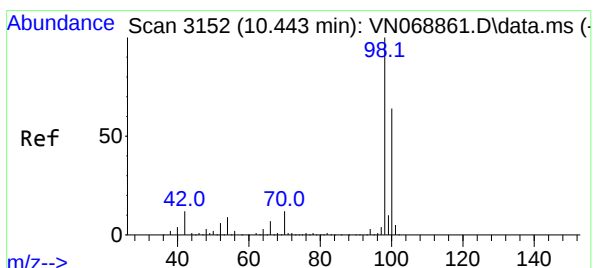
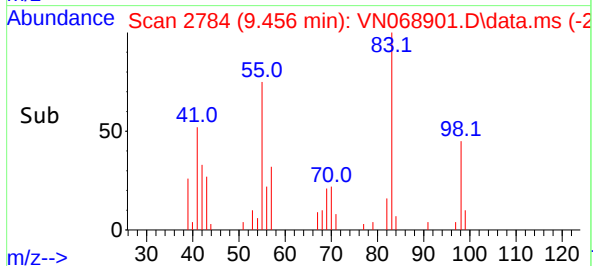
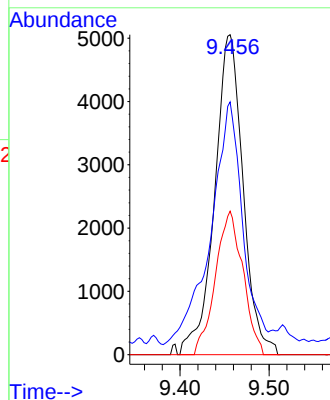
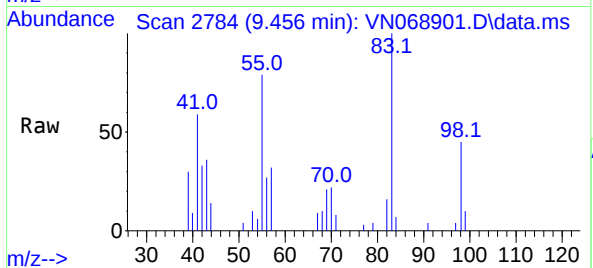
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Tgt Ion:	83	Resp:	11247
Ion	Ratio	Lower	Upper
83	100		
55	70.5	61.4	92.0
98	44.8	36.4	54.6

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#50

Toluene-d8

Concen: 51.34 ug/l

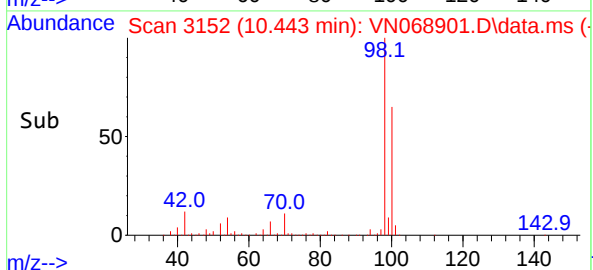
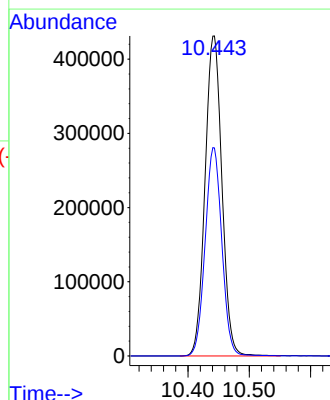
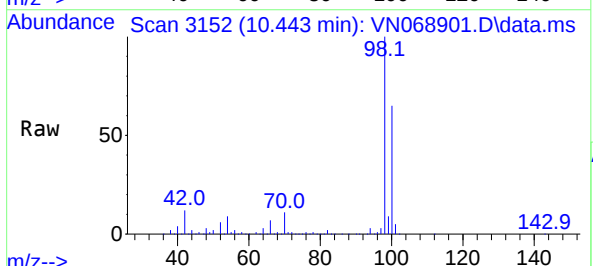
RT: 10.443 min Scan# 3152

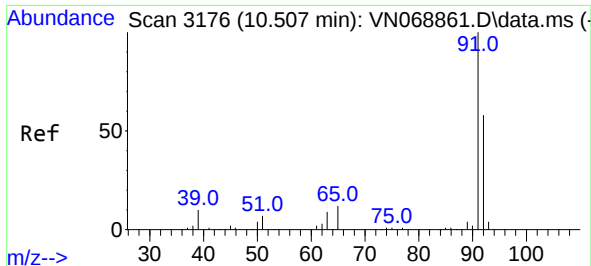
Delta R.T. 0.000 min

Lab File: VN068901.D

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Tgt Ion:	98	Resp:	824255
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





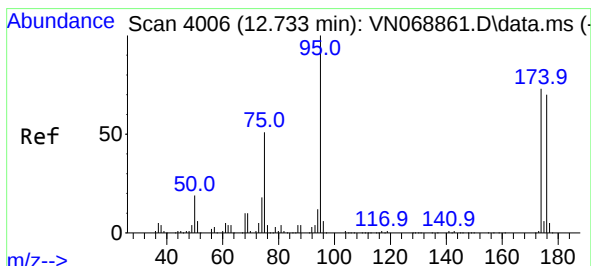
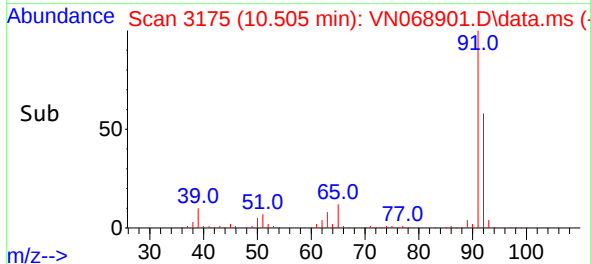
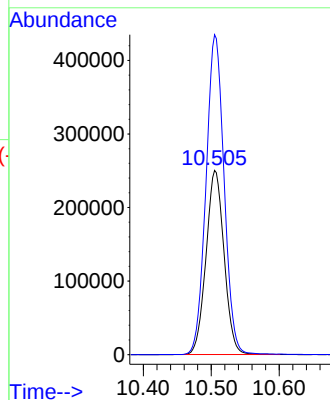
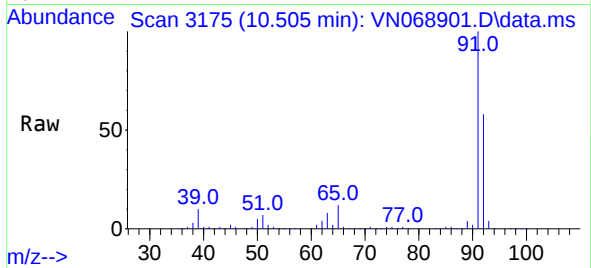
#52
Toluene
Concen: 40.01 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 92 Resp: 461838
Ion Ratio Lower Upper
92 100
91 174.0 138.5 207.7

Instrument :
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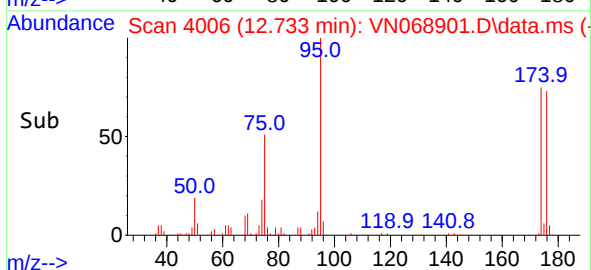
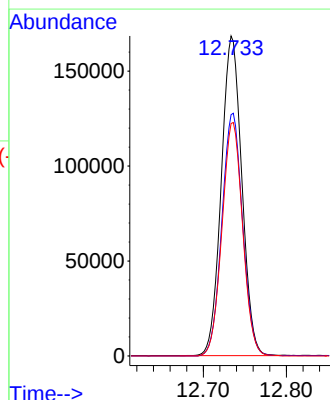
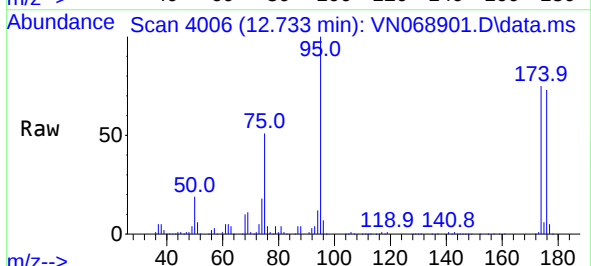
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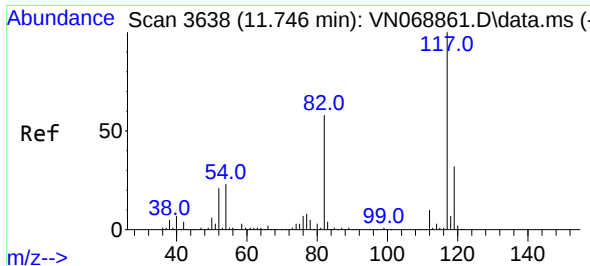
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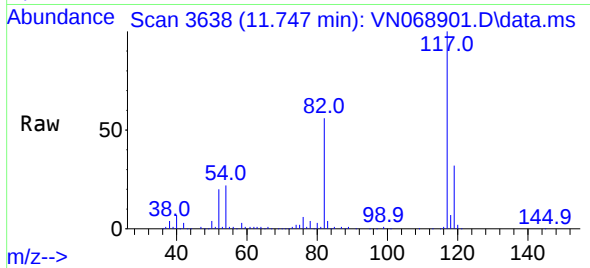
#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 95 Resp: 289214
Ion Ratio Lower Upper
95 100
174 76.6 0.0 144.8
176 73.5 0.0 140.0

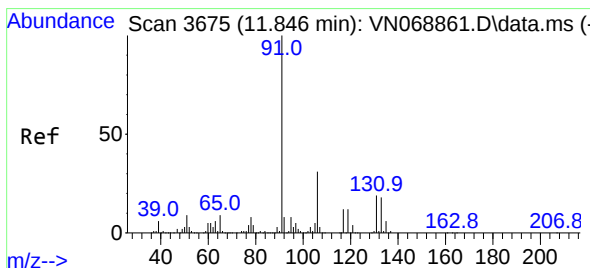
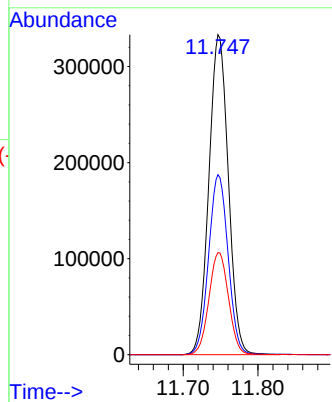
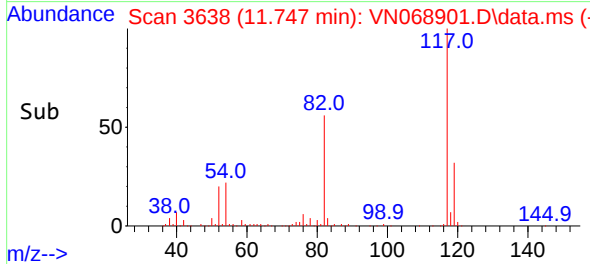




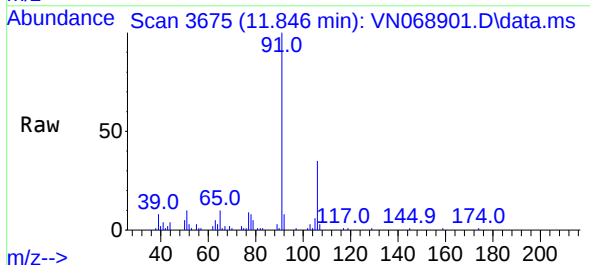
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48



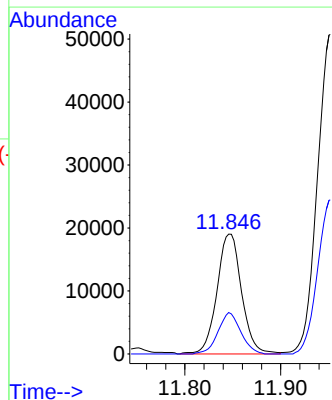
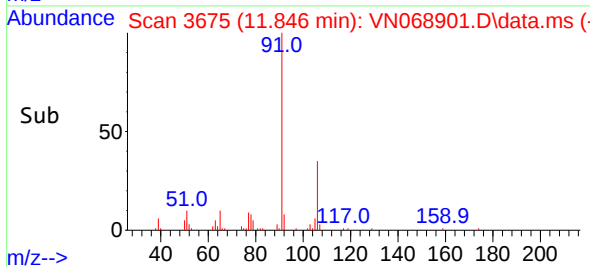
Tgt Ion:117 Resp: 602132
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.9 26.0 39.0



#67
Ethyl Benzene
Concen: 1.60 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48



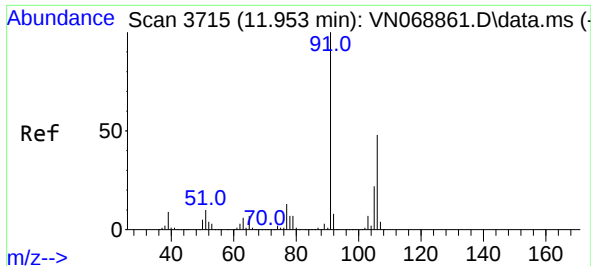
Tgt Ion: 91 Resp: 33903
Ion Ratio Lower Upper
91 100
106 34.5 24.8 37.2



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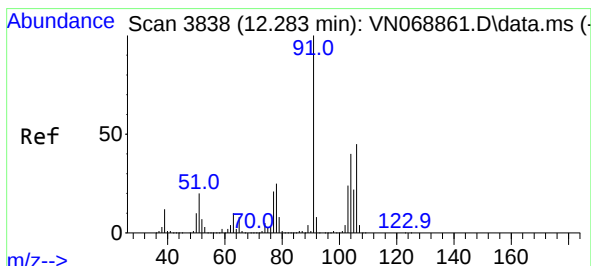
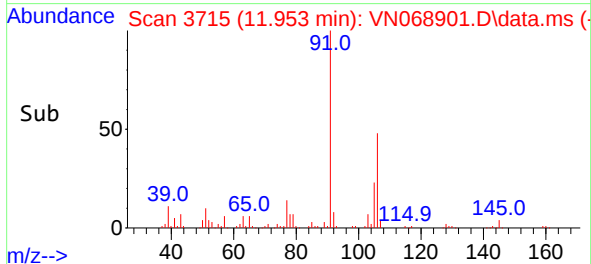
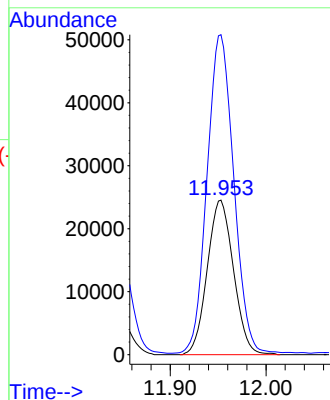
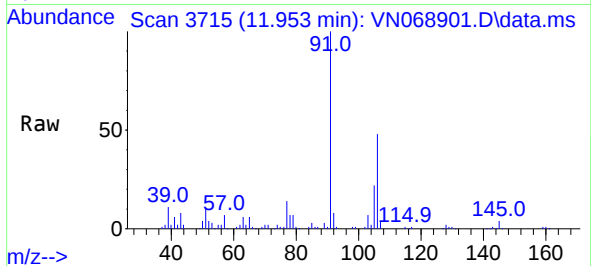
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m/p-Xylenes
Concen: 5.82 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion:106 Resp: 46729
Ion Ratio Lower Upper
106 100
91 208.8 166.8 250.2

Instrument :
MSVOA_N
ClientSampled :
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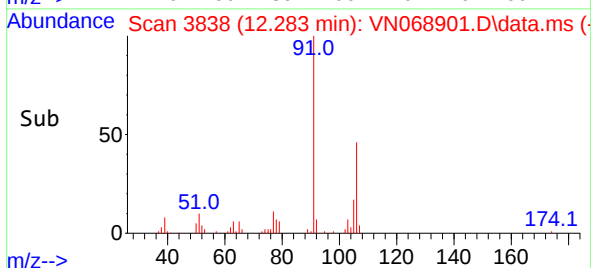
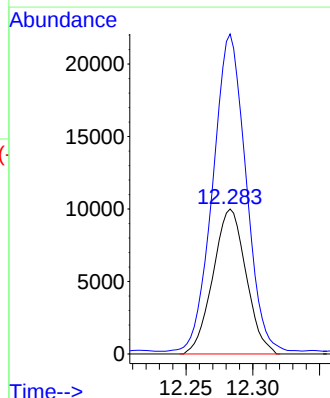
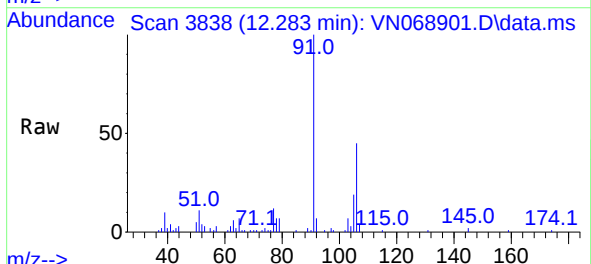
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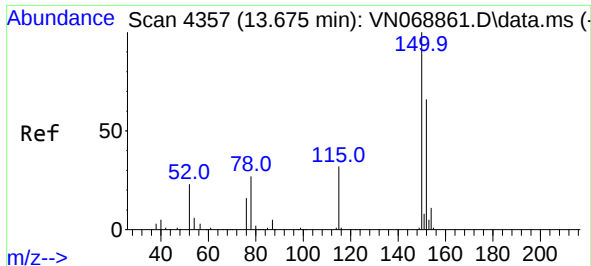
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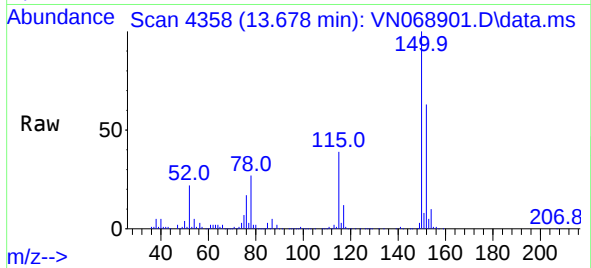
#69
o-Xylene
Concen: 2.14 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48

Tgt Ion:106 Resp: 17213
Ion Ratio Lower Upper
106 100
91 218.0 109.6 328.6

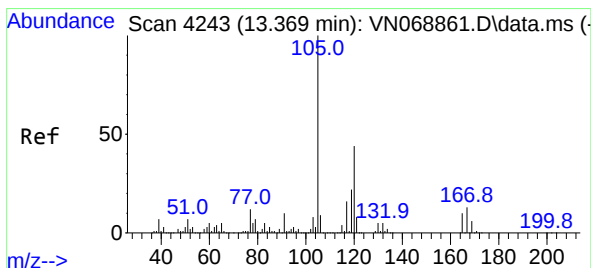
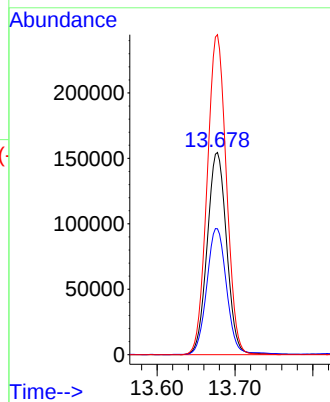
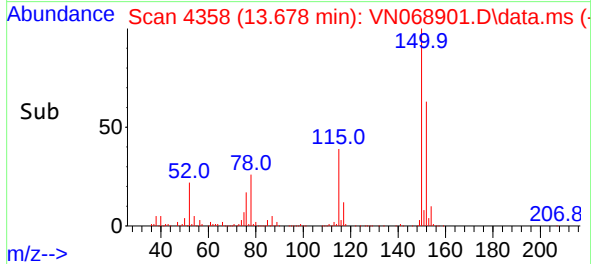




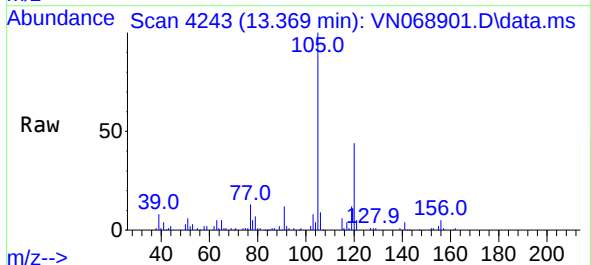
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48



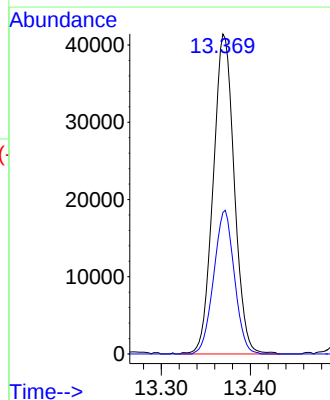
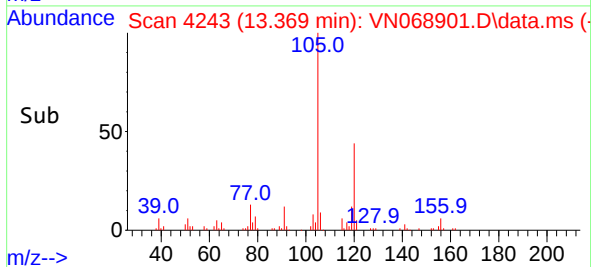
Tgt Ion:152 Resp: 268717
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 156.4 0.0 351.0



#84
1,2,4-Trimethylbenzene
Concen: 3.80 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48



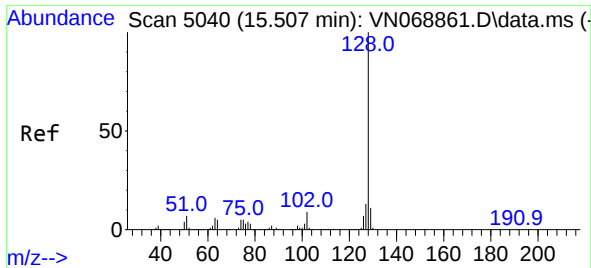
Tgt Ion:105 Resp: 68229
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5



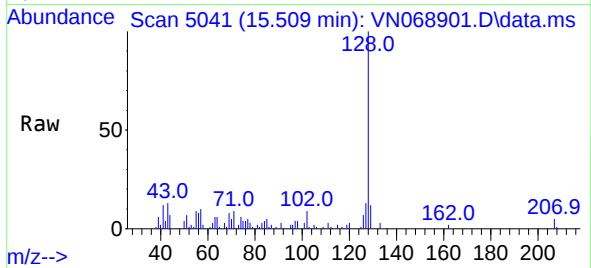
Instrument :
MSVOA_N
ClientSampled :
41173

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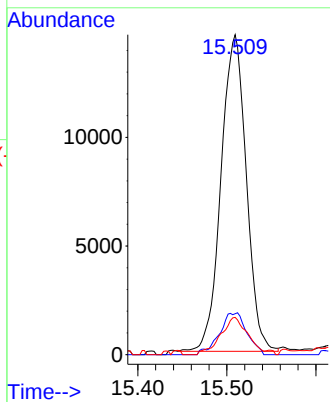
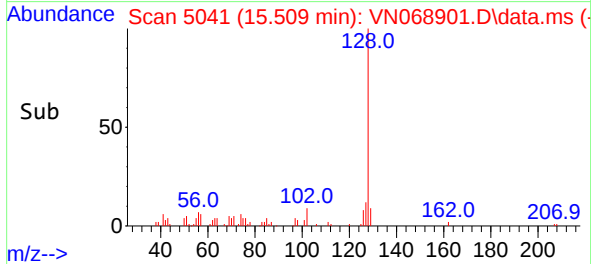
MMDadoda
10/14/2021 2:28:41 PM



#95
Naphthalene
Concen: 5.94 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068901.D
Acq: 13 Oct 2021 16:48



Tgt Ion:128 Resp: 28734
Ion Ratio Lower Upper
128 100
127 7.5 10.5 15.7#
129 12.5 8.9 13.3



Instrument :
MSVOA_N
ClientSampled :
41173

Manual Integrations
APPROVED

MMDadoda
10/14/2021 2:28:41 PM