

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069166.D
 Acq On : 25 Oct 2021 21:30
 Operator : JC/MD
 Sample : M4284-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20878-WATER

Manual Integrations
 APPROVED

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 10/26/2021 6:15:40 PM

Quant Time: Oct 26 01:37:08 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	8.088	168	364706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	640082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	619120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	245445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239055	49.715	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.420%			
35) Dibromofluoromethane	8.027	113	188393	50.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.180%			
50) Toluene-d8	10.443	98	797042	53.491	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.733	95	297421	52.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.800%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.363	59	14665m	16.690	ug/l	
16) Acetone	4.288	43	313300	174.594	ug/l	99
17) Carbon Disulfide	4.540	76	1126183	117.754	ug/l	100
25) 2-Butanone	7.343	43	27452	10.117	ug/l	98
39) Methylcyclohexane	9.467	83	2892	0.411	ug/l #	92
40) Benzene	8.469	78	9523	0.572	ug/l	99
52) Toluene	10.507	92	33428	3.121	ug/l	98
67) Ethyl Benzene	11.846	91	28158	1.294	ug/l	97
68) m/p-Xylenes	11.950	106	29795	3.612	ug/l	98
69) o-Xylene	12.283	106	13866	1.679	ug/l	99
78) n-propylbenzene	12.927	91	9578	0.417	ug/l	94
80) 1,3,5-Trimethylbenzene	13.063	105	11796	0.693	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	46135	2.814	ug/l	98
86) p-Isopropyltoluene	13.618	119	13476	0.819	ug/l	97
95) Naphthalene	15.507	128	15261	5.049	ug/l	99

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

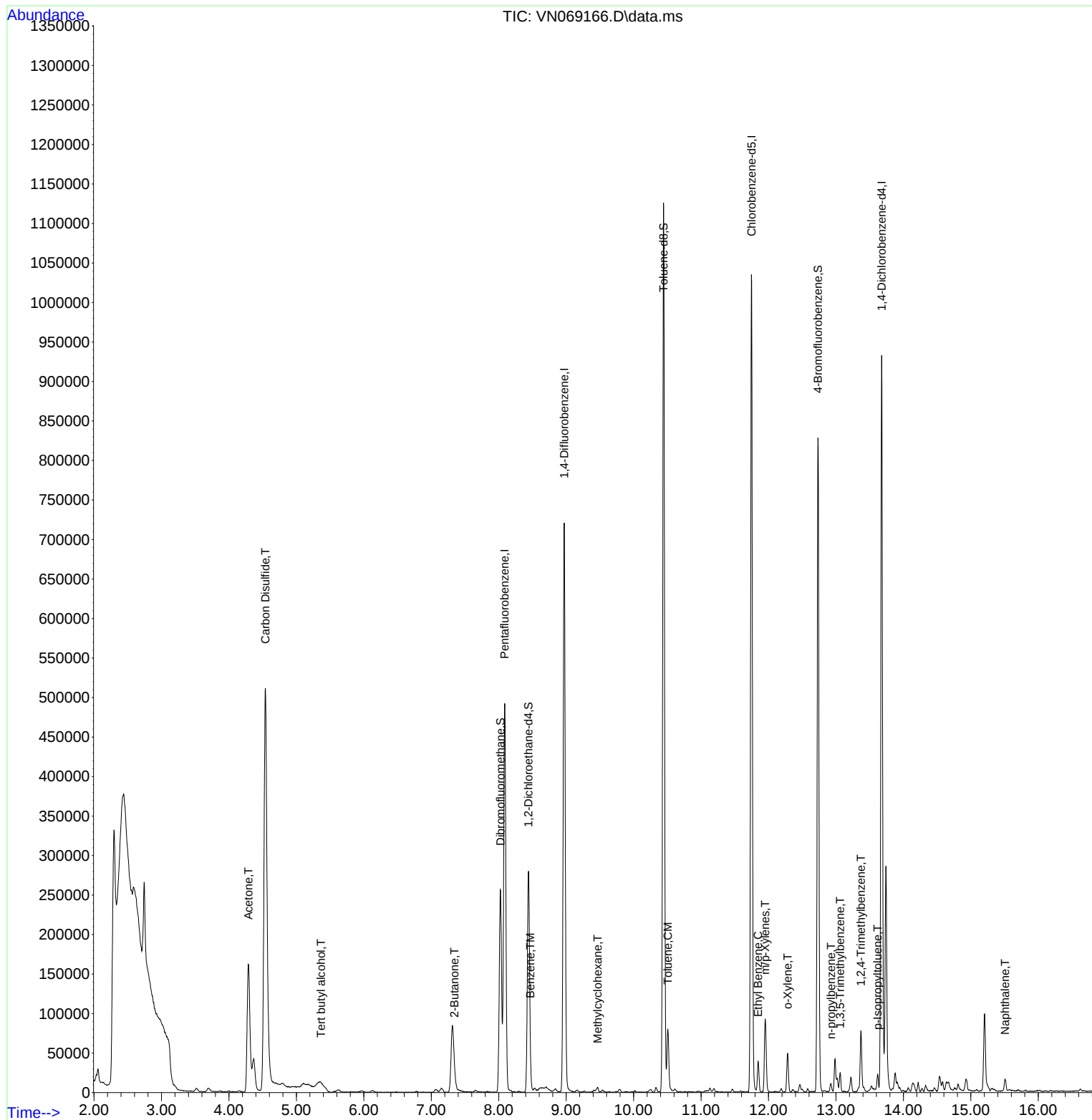
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Data File : VN069166.D
Acq On : 25 Oct 2021 21:30
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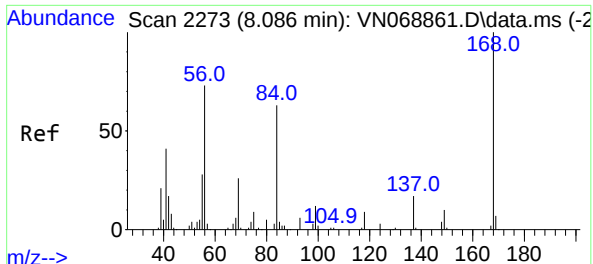
Instrument :
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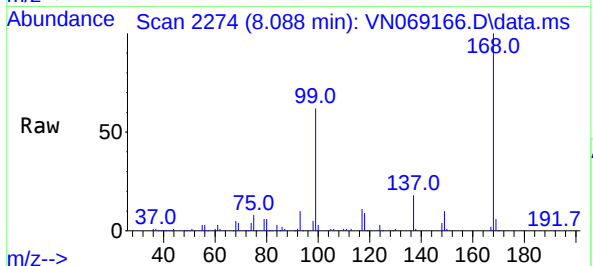
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Quant Time: Oct 26 01:37:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
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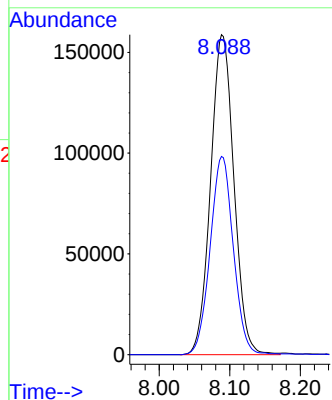
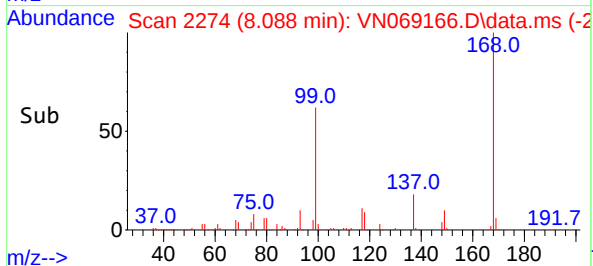




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30



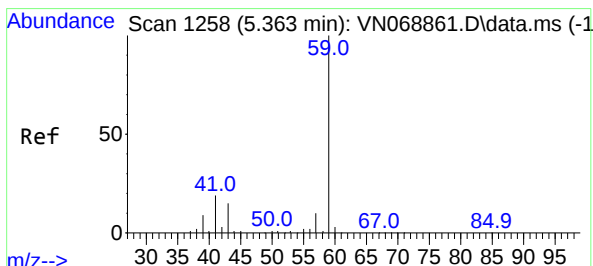
Tgt Ion: 168 Resp: 364706
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



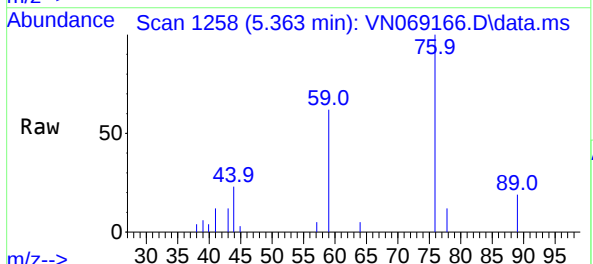
Instrument :
MSVOA_N
ClientSampleId :
20878-WATER

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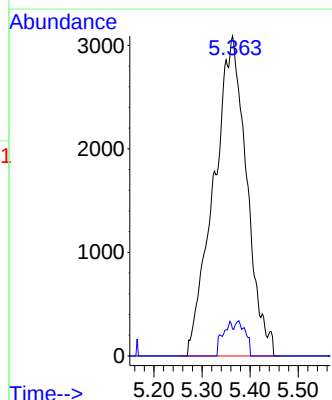
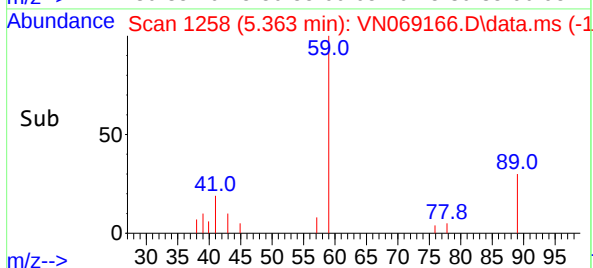
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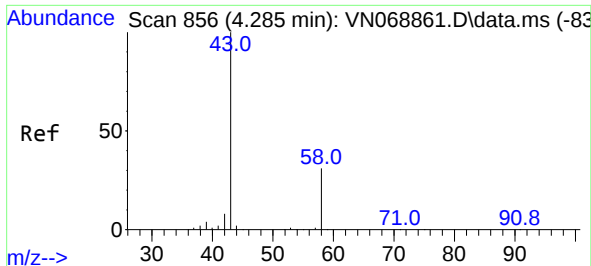


#11
Tert butyl alcohol
Concen: 16.690 ug/l m
RT: 5.363 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30



Tgt Ion: 59 Resp: 14665
Ion Ratio Lower Upper
59 100
57 2.7 8.3 12.5#





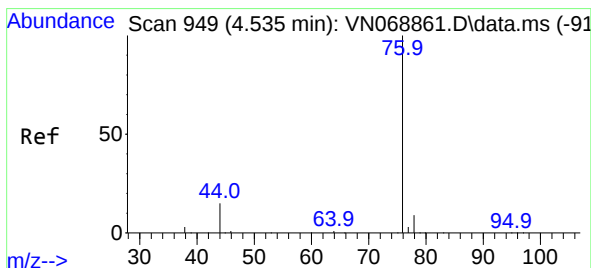
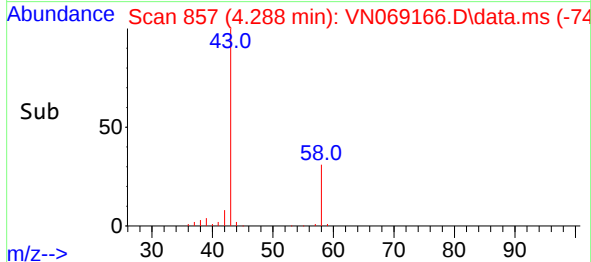
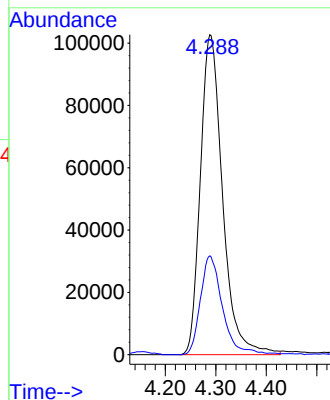
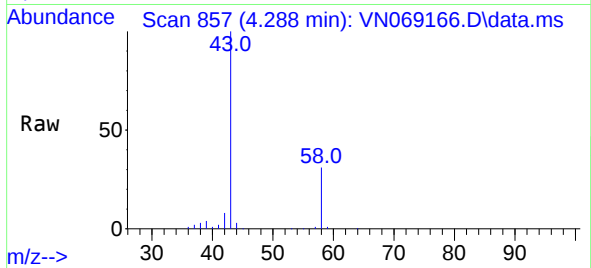
#16
Acetone
Concen: 174.594 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 43 Resp: 313300
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7

Instrument :
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ClientSampleId :
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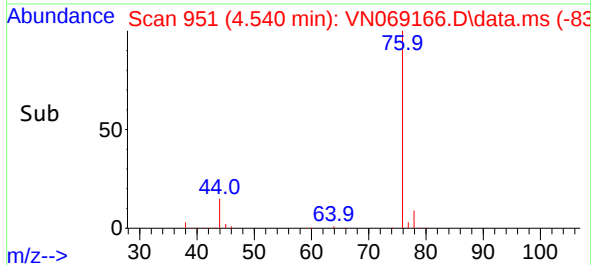
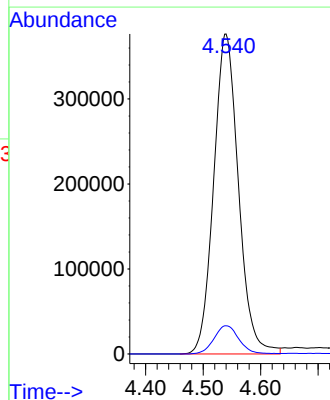
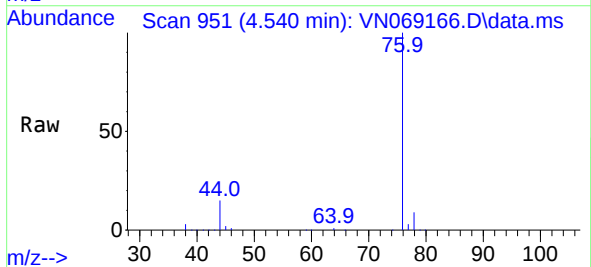
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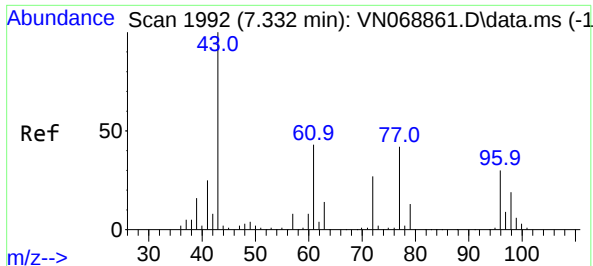
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#17
Carbon Disulfide
Concen: 117.754 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 76 Resp: 1126183
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





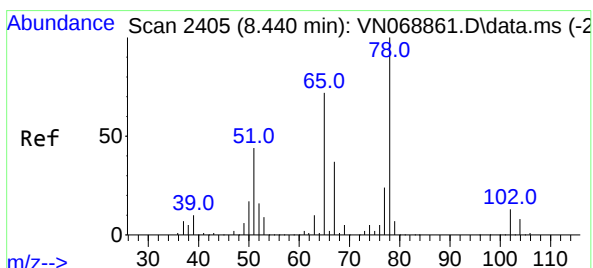
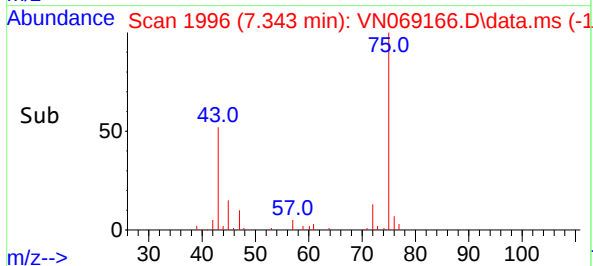
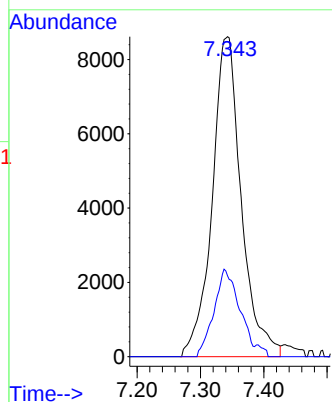
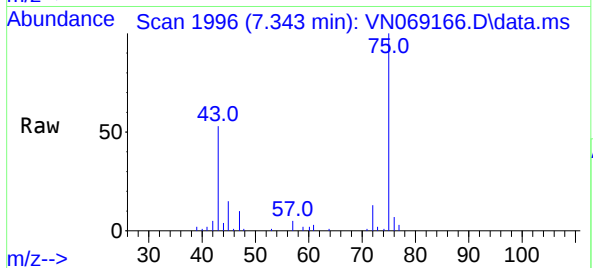
#25
2-Butanone
Concen: 10.117 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 43 Resp: 27452
Ion Ratio Lower Upper
43 100
72 25.3 21.2 31.8

Instrument :
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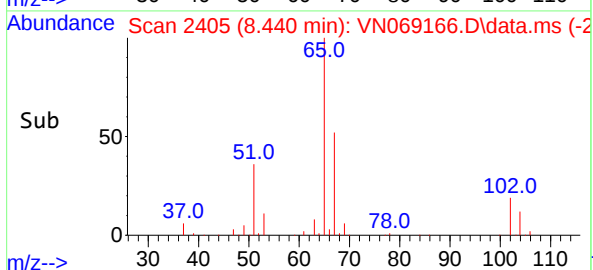
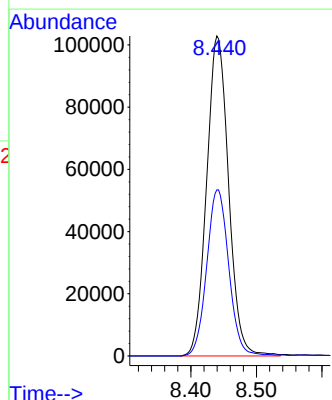
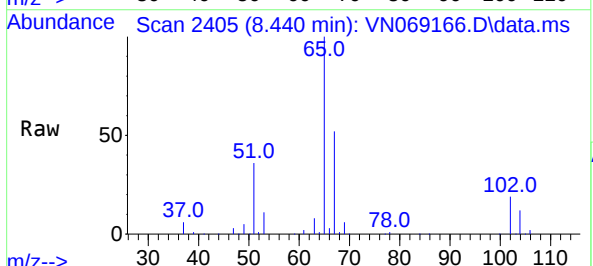
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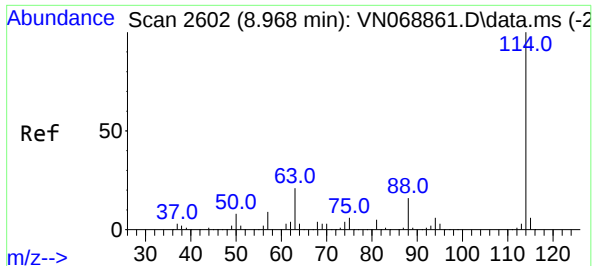
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#33
1,2-Dichloroethane-d4
Concen: 49.715 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 65 Resp: 239055
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8





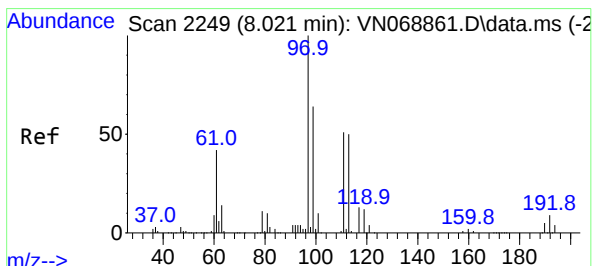
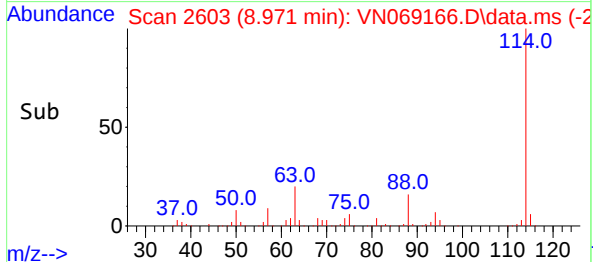
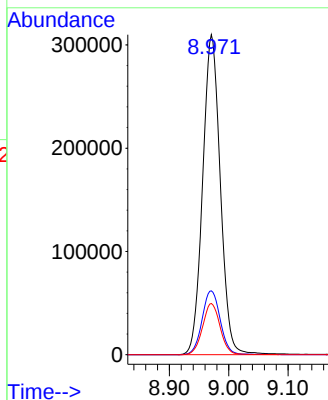
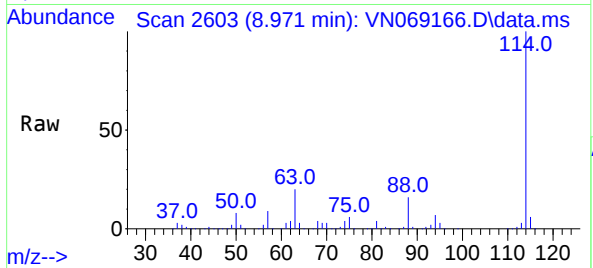
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:114 Resp: 640082
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 16.0 0.0 32.0

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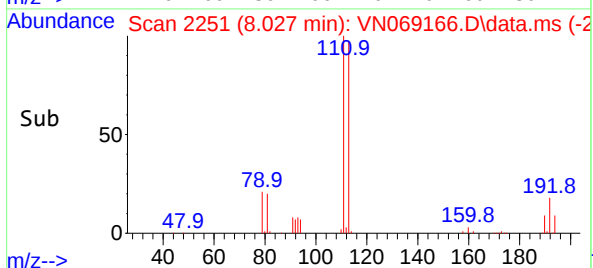
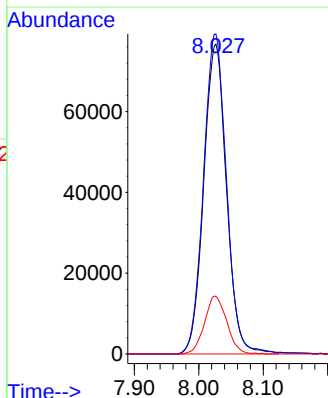
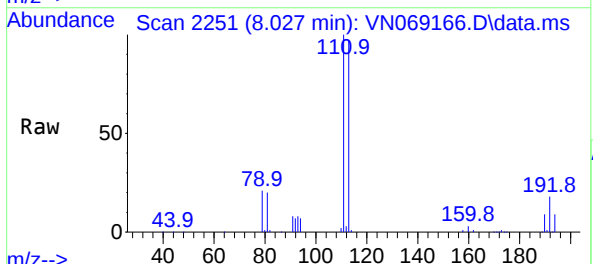
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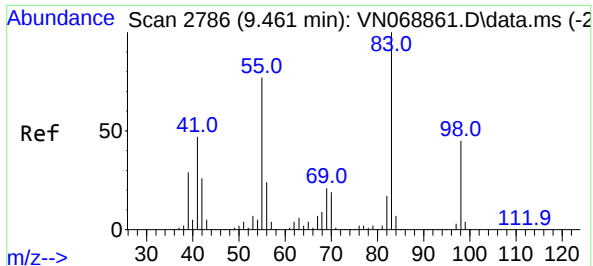
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#35
Dibromofluoromethane
Concen: 50.588 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:113 Resp: 188393
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.2 15.0 22.4





#39

Methylcyclohexane

Concen: 0.411 ug/l

RT: 9.467 min Scan# 2788

Delta R.T. 0.005 min

Lab File: VN069166.D

Acq: 25 Oct 2021 21:30

Tgt Ion:	83	Resp:	2892
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.4	92.0
98	35.5	36.4	54.6#

Instrument :

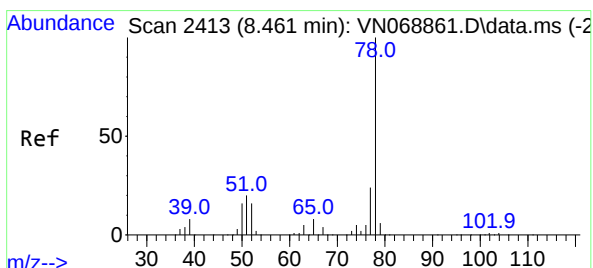
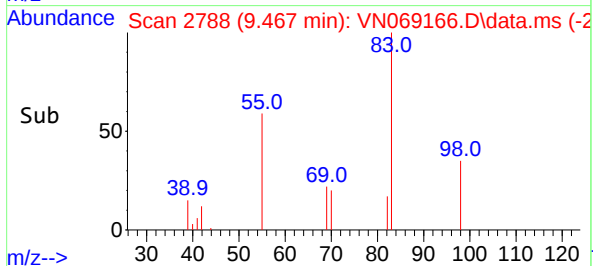
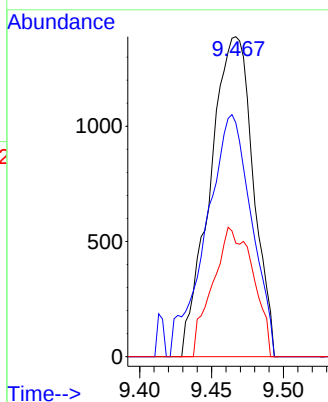
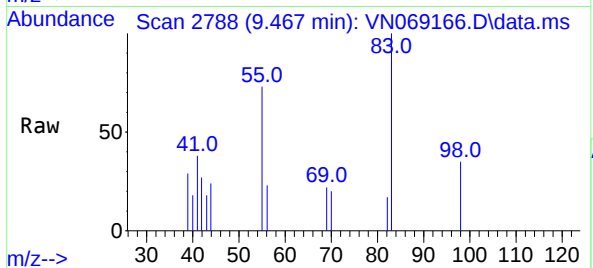
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#40

Benzene

Concen: 0.572 ug/l

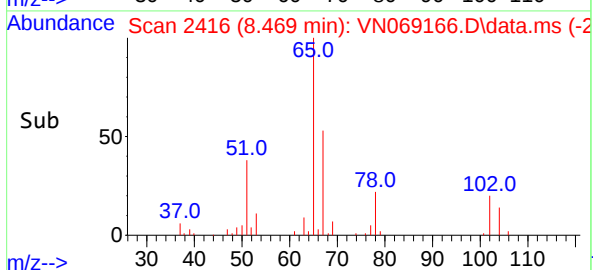
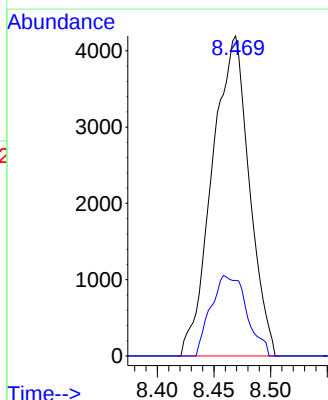
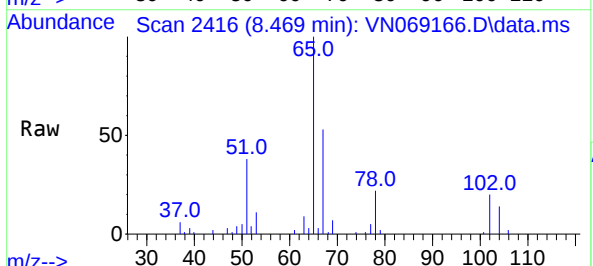
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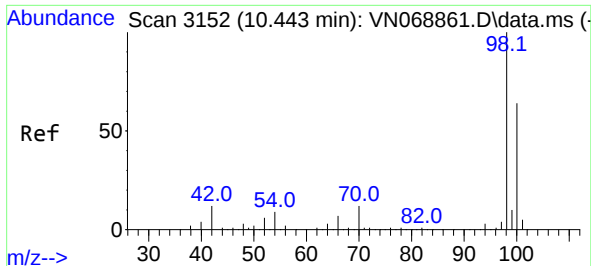
Delta R.T. 0.008 min

Lab File: VN069166.D

Acq: 25 Oct 2021 21:30

Tgt Ion:	78	Resp:	9523
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





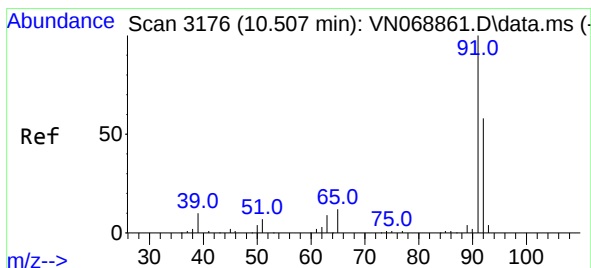
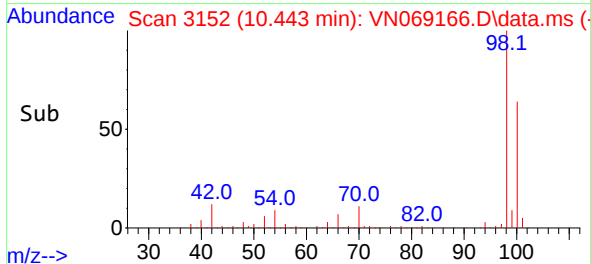
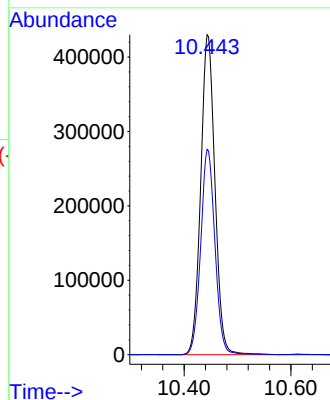
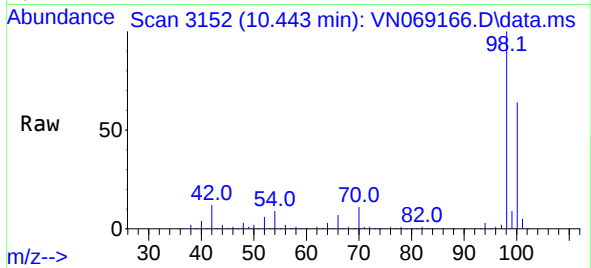
#50
Toluene-d8
Concen: 53.491 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 98 Resp: 797042
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

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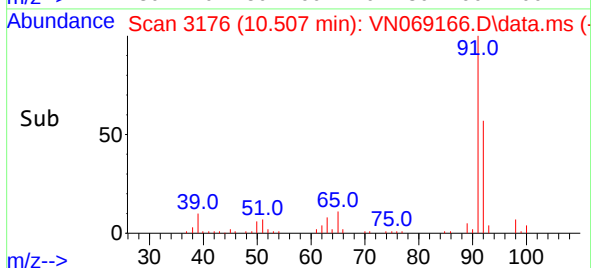
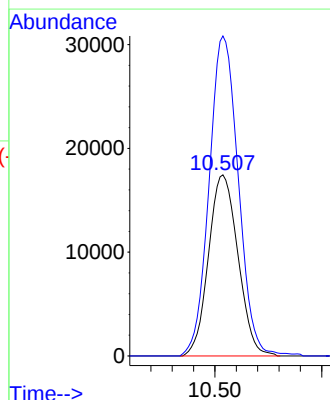
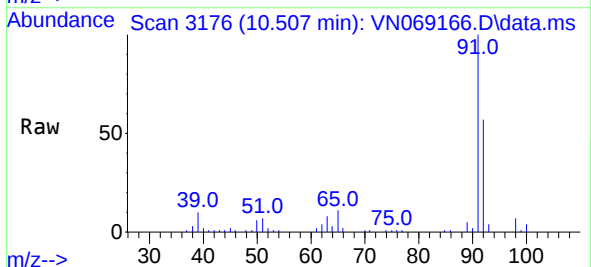
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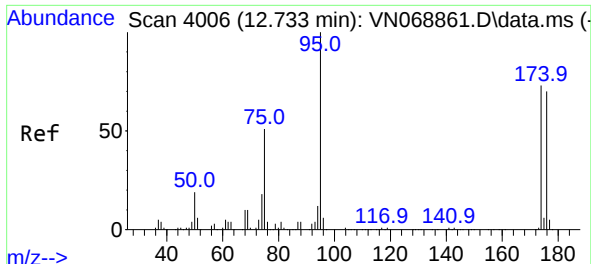
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#52
Toluene
Concen: 3.121 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 92 Resp: 33428
Ion Ratio Lower Upper
92 100
91 175.4 138.5 207.7





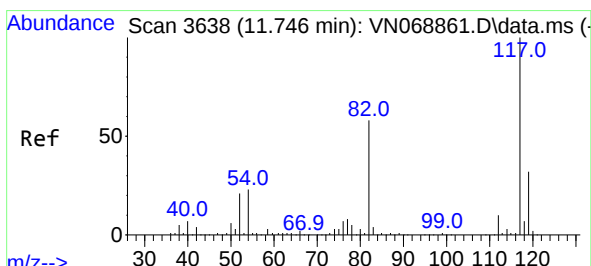
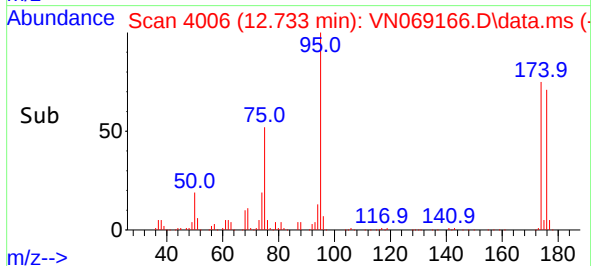
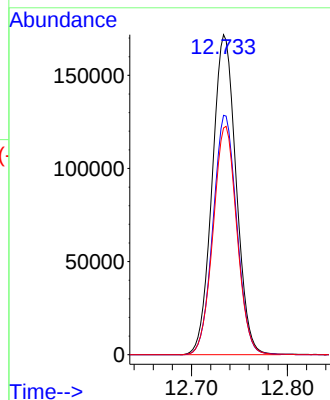
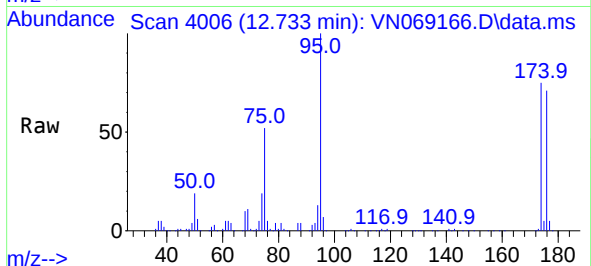
#62
4-Bromofluorobenzene
Concen: 52.905 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 95 Resp: 297421
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 71.1 0.0 140.0

Instrument :
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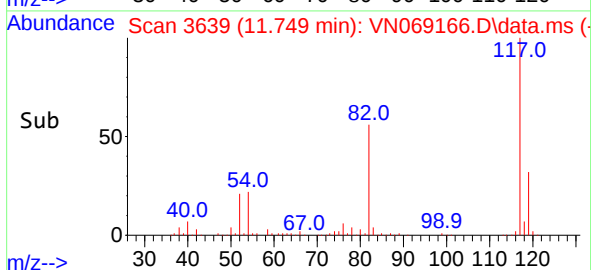
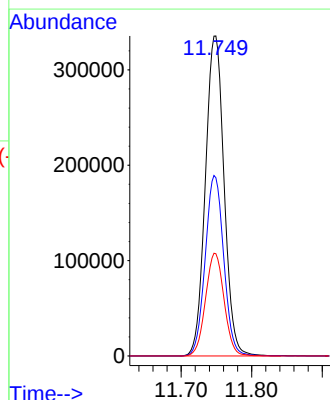
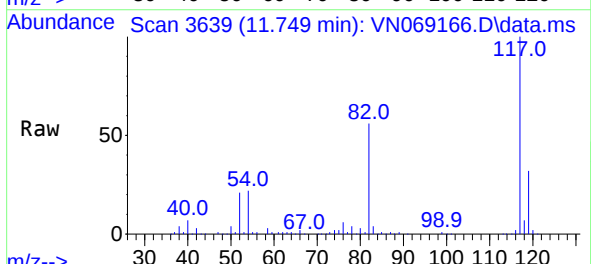
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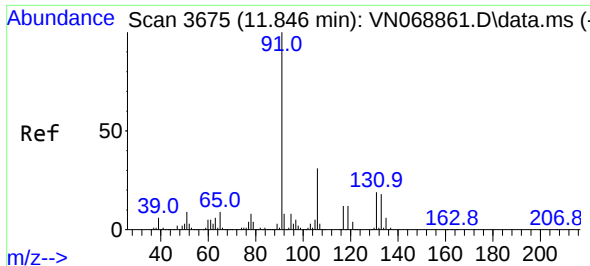
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 117 Resp: 619120
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 31.9 26.0 39.0





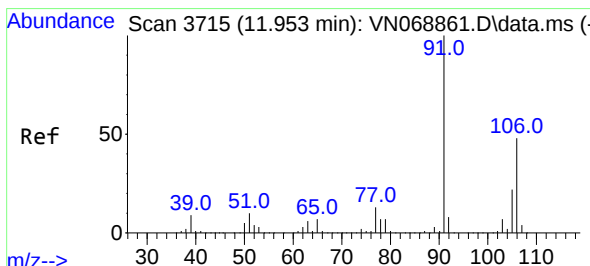
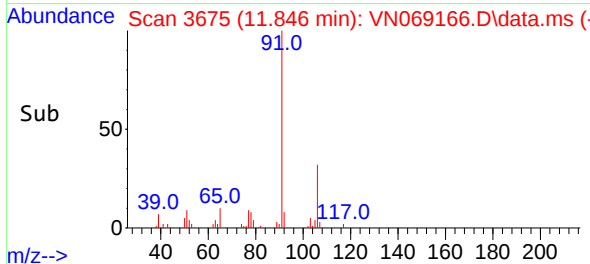
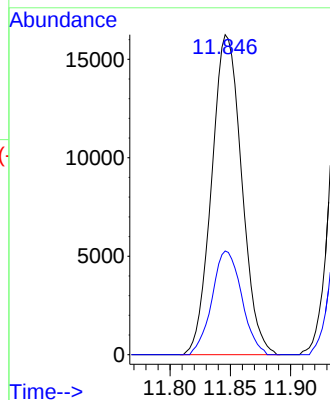
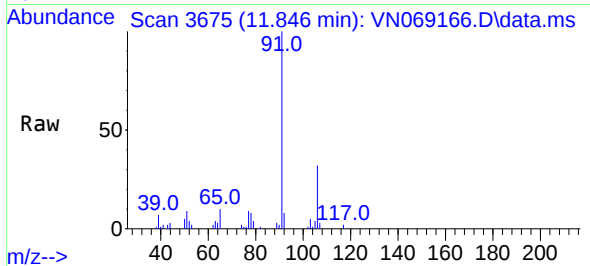
#67
Ethyl Benzene
Concen: 1.294 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 91 Resp: 28158
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2

Instrument :
MSVOA_N
ClientSampleId :
20878-WATER

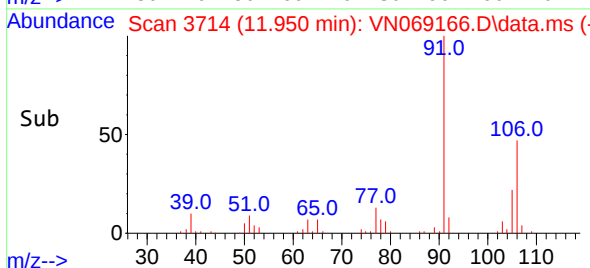
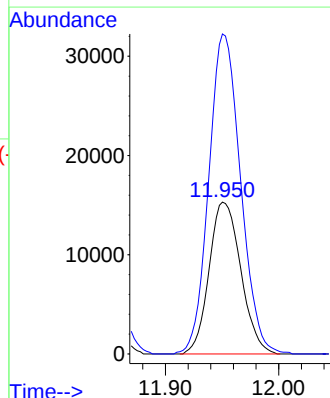
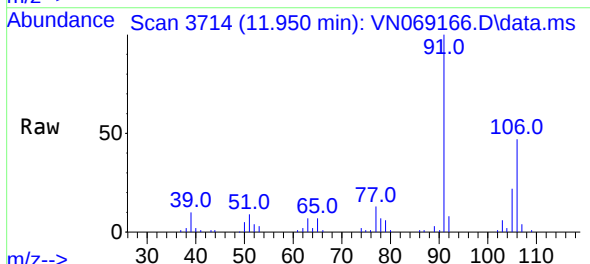
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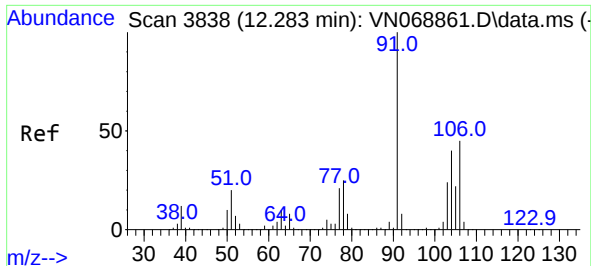
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#68
m/p-Xylenes
Concen: 3.612 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 106 Resp: 29795
Ion Ratio Lower Upper
106 100
91 211.1 166.8 250.2





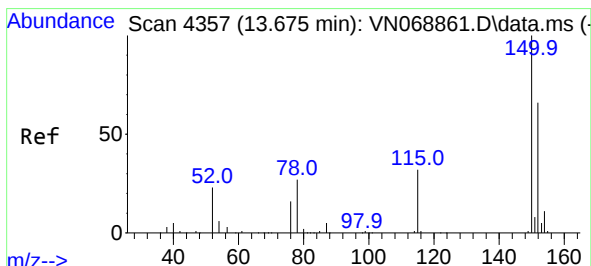
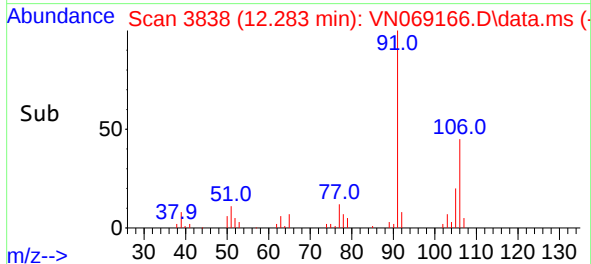
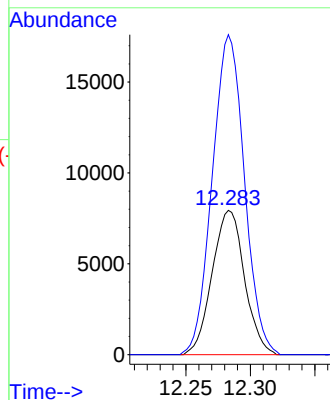
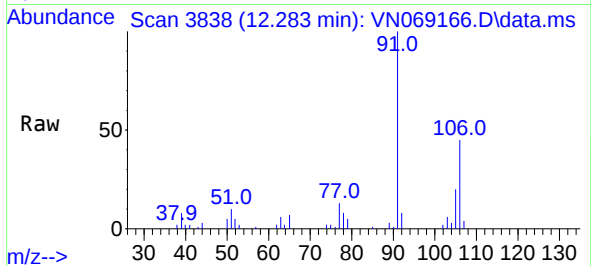
#69
o-Xylene
Concen: 1.679 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:106 Resp: 13866
Ion Ratio Lower Upper
106 100
91 220.1 109.6 328.6

Instrument :
MSVOA_N
ClientSampleId :
20878-WATER

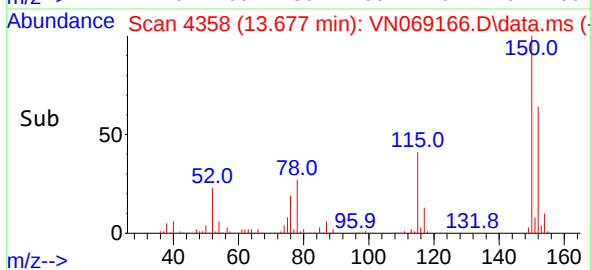
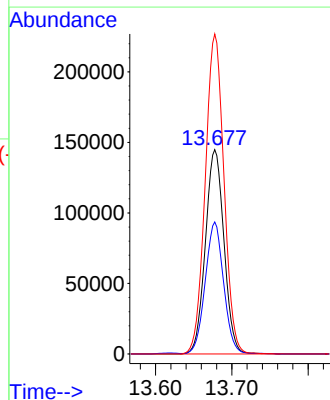
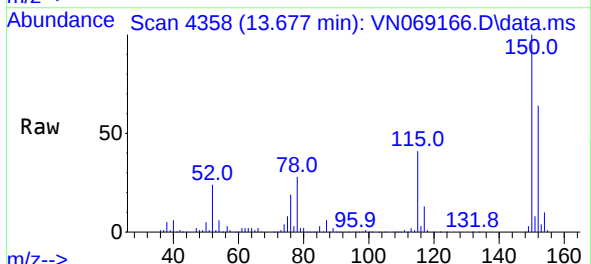
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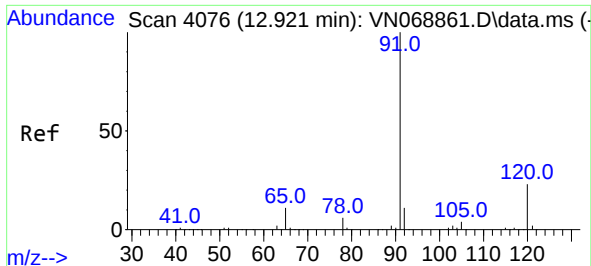
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:152 Resp: 245445
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.4 0.0 351.0





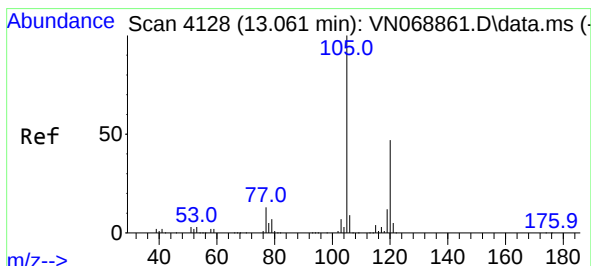
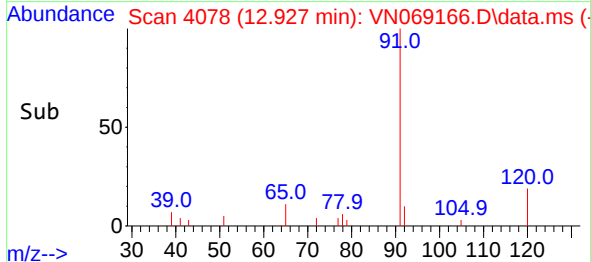
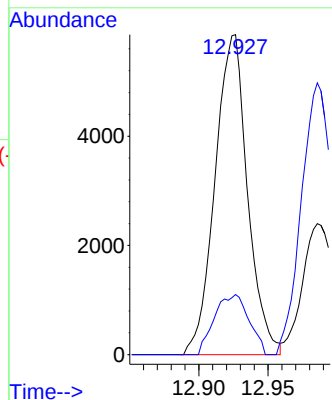
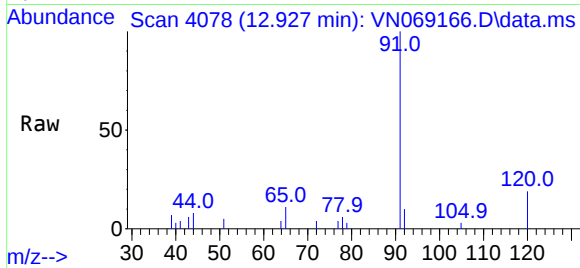
#78
n-propylbenzene
Concen: 0.417 ug/l
RT: 12.927 min Scan# 4078
Delta R.T. 0.005 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 91 Resp: 9578
Ion Ratio Lower Upper
91 100
120 19.9 11.4 34.1

Instrument :
MSVOA_N
ClientSampleId :
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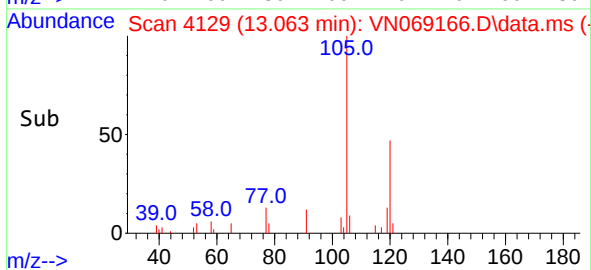
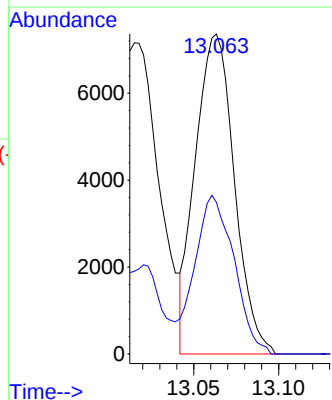
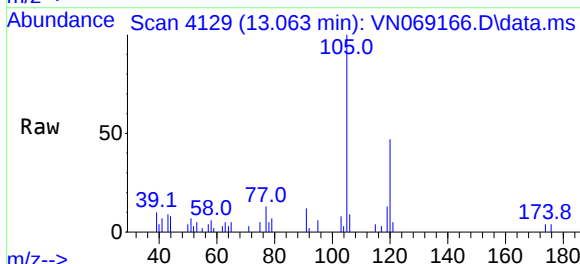
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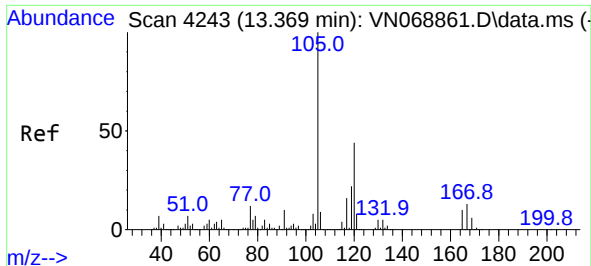
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#80
1,3,5-Trimethylbenzene
Concen: 0.693 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion: 105 Resp: 11796
Ion Ratio Lower Upper
105 100
120 49.9 23.4 70.2





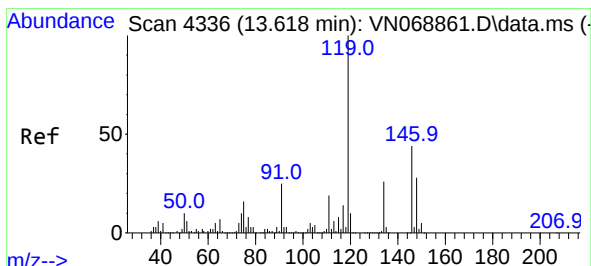
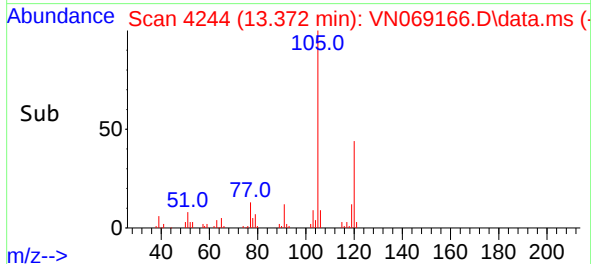
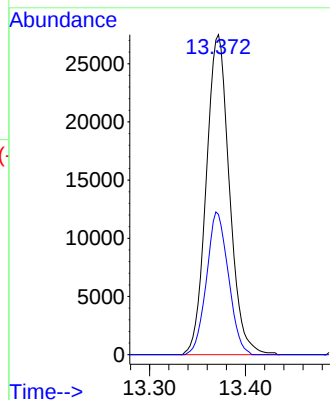
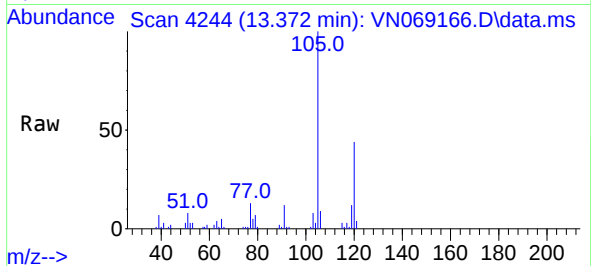
#84
1,2,4-Trimethylbenzene
Concen: 2.814 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:105 Resp: 46135
Ion Ratio Lower Upper
105 100
120 42.1 21.9 65.5

Instrument :
MSVOA_N
ClientSampleId :
20878-WATER

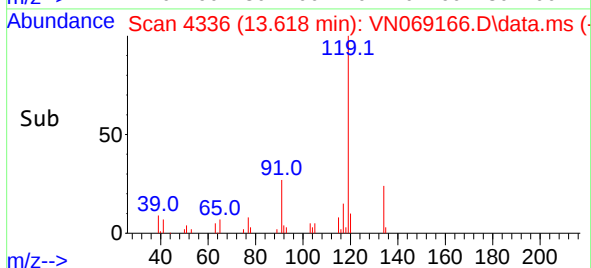
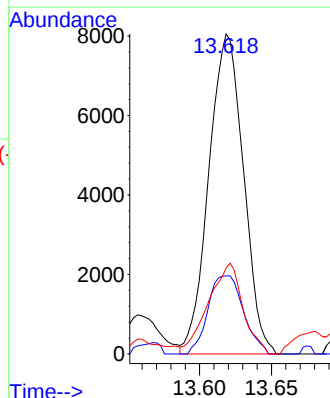
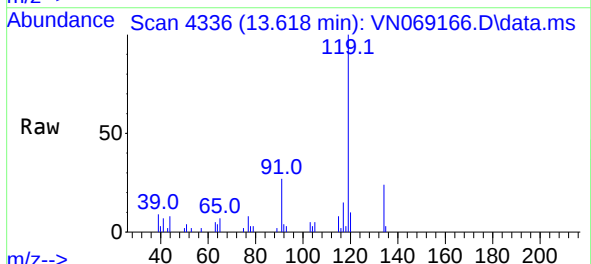
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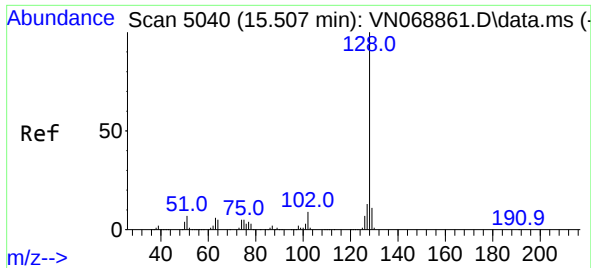
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#86
p-Isopropyltoluene
Concen: 0.819 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:119 Resp: 13476
Ion Ratio Lower Upper
119 100
134 24.9 12.9 38.6
91 28.3 12.8 38.4





#95
Naphthalene
Concen: 5.049 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069166.D
Acq: 25 Oct 2021 21:30

Tgt Ion:	128	Resp:	15261
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.0	8.9	13.3

Instrument :
MSVOA_N
ClientSampleId :
20878-WATER

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