

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069168.D
 Acq On : 25 Oct 2021 22:21
 Operator : JC/MD
 Sample : M4284-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20877

Manual Integrations
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 10/26/2021 6:15:42 PM

Quant Time: Oct 26 01:37:33 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	8.091	168	372947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	649367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	646836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	295973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	238528	48.509	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.020%		
35) Dibromofluoromethane	8.024	113	190357	50.385	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.760%		
50) Toluene-d8	10.443	98	819444	54.208	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.420%		
62) 4-Bromofluorobenzene	12.733	95	326902	57.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.369	59	8425	9.377	ug/l #	82
16) Acetone	4.285	43	8202844	4470.225	ug/l	99
17) Carbon Disulfide	4.537	76	13445	1.375	ug/l	95
18) Methyl Acetate	4.859	43	230522	33.120	ug/l	97
20) Methylene Chloride	5.106	84	3809m	0.902	ug/l	
25) 2-Butanone	7.335	43	841088	303.114	ug/l	97
40) Benzene	8.469	78	5170	0.306	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	17385	2.966	ug/l	100
52) Toluene	10.507	92	3938	0.362	ug/l	95
59) 2-Hexanone	11.087	43	202155	48.099	ug/l	99
86) p-Isopropyltoluene	13.619	119	339899	17.130	ug/l	97

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

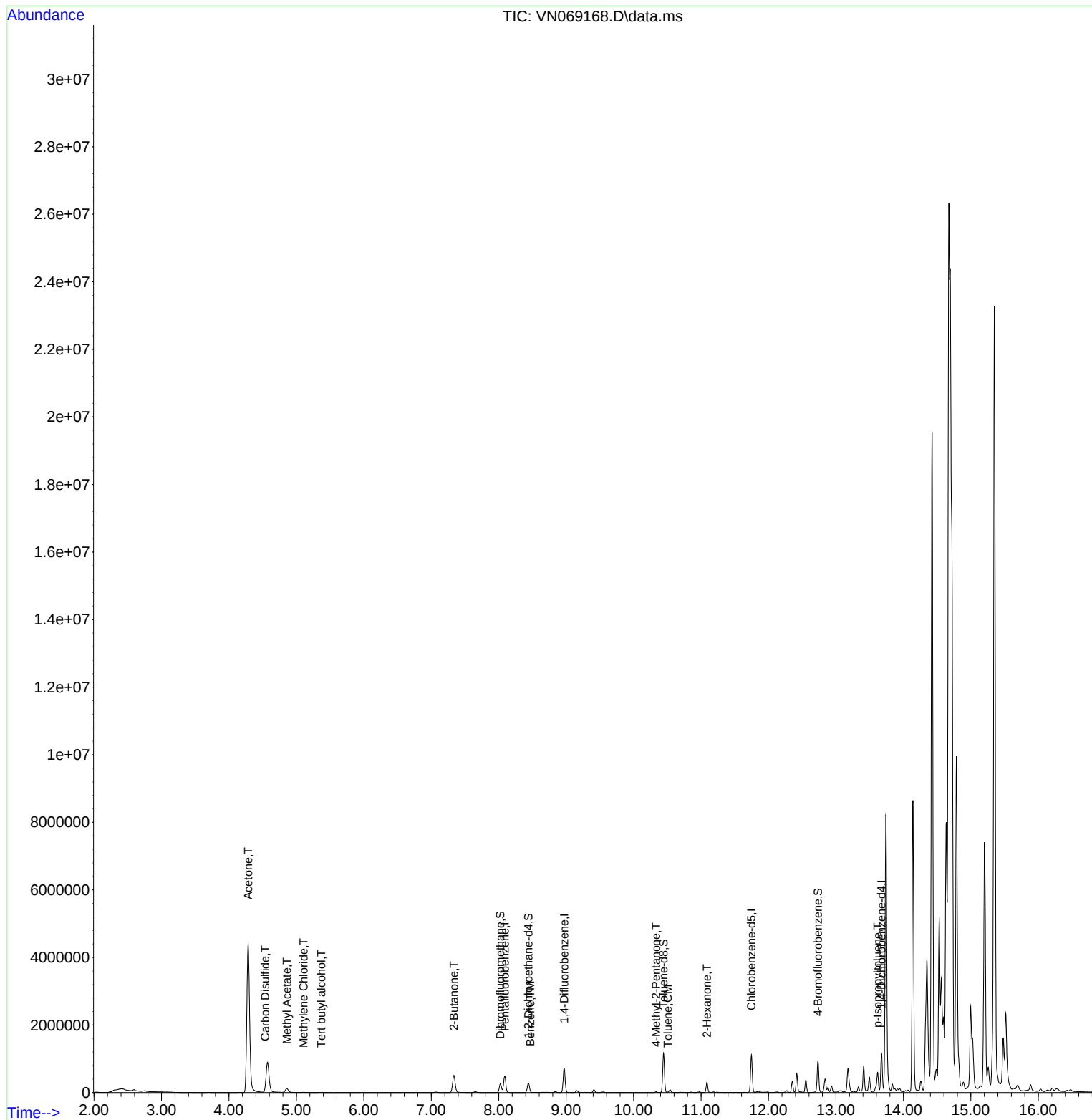
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
Data File : VN069168.D
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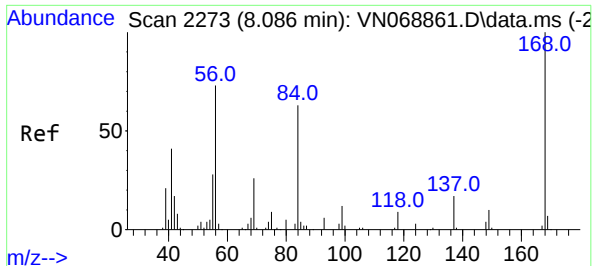
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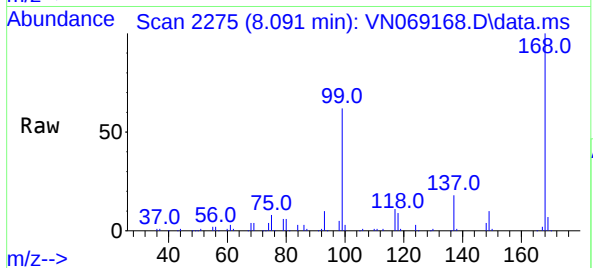
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

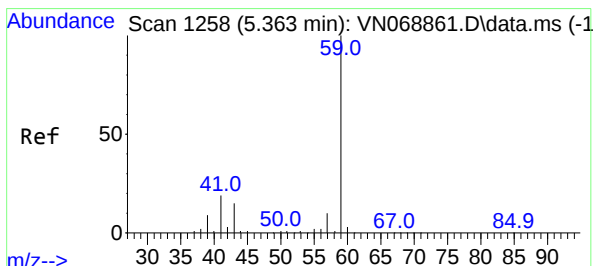
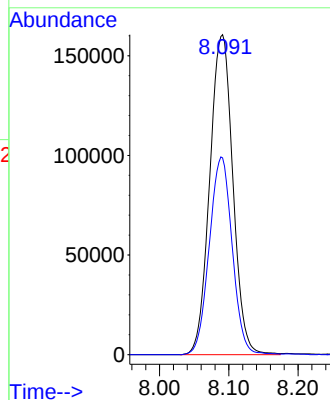
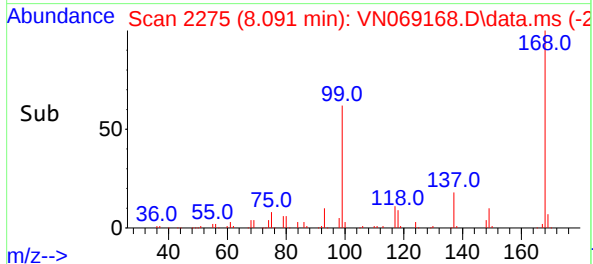
Instrument :
MSVOA_N
ClientSampled :
20877



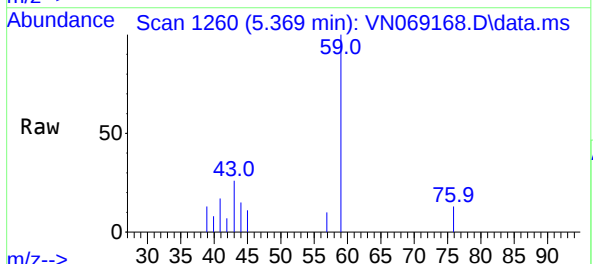
Tgt Ion:168 Resp: 372947
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3

Manual Integrations
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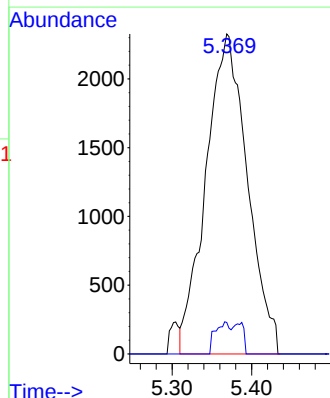
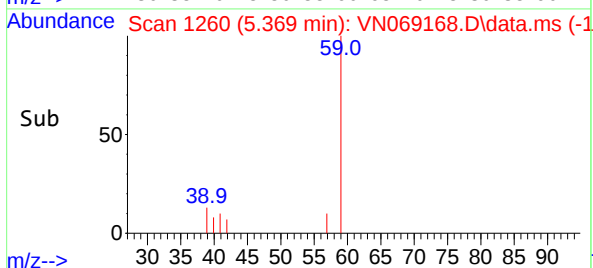
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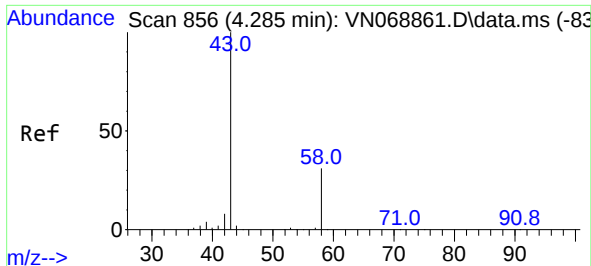


#11
Tert butyl alcohol
Concen: 9.377 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. 0.005 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21



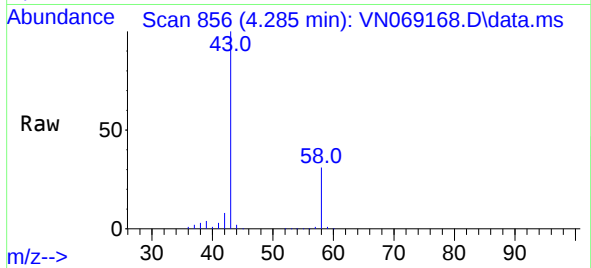
Tgt Ion: 59 Resp: 8425
Ion Ratio Lower Upper
59 100
57 3.6 8.3 12.5#





#16
Acetone
Concen: 4470.225 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

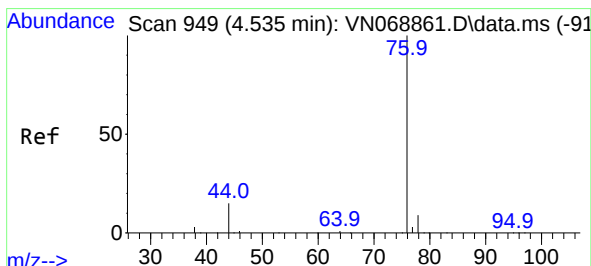
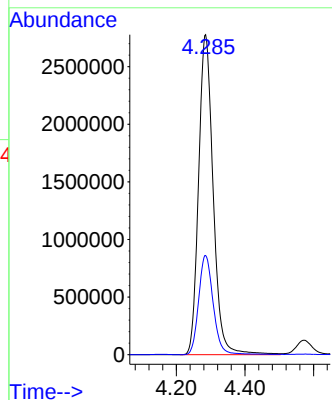
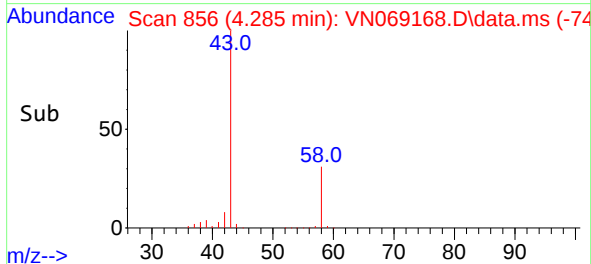
Instrument :
MSVOA_N
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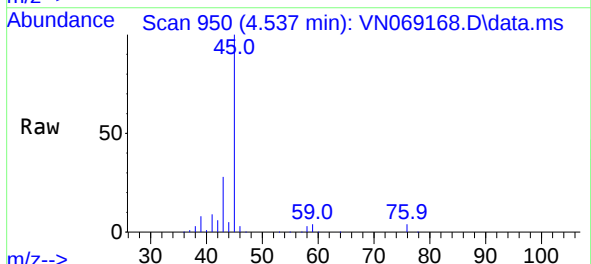
Tgt Ion: 43 Resp: 8202844
Ion Ratio Lower Upper
43 100
58 31.0 24.5 36.7

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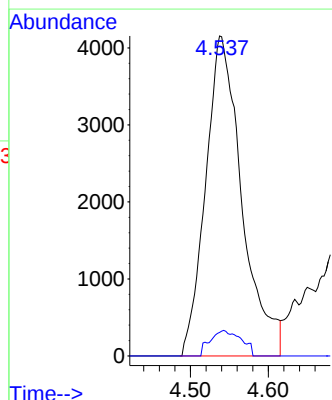
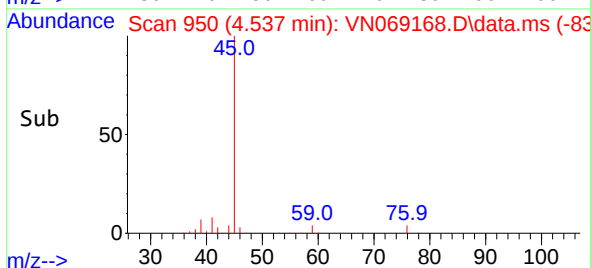
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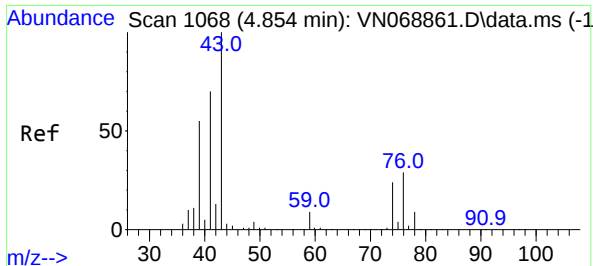


#17
Carbon Disulfide
Concen: 1.375 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21



Tgt Ion: 76 Resp: 13445
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8





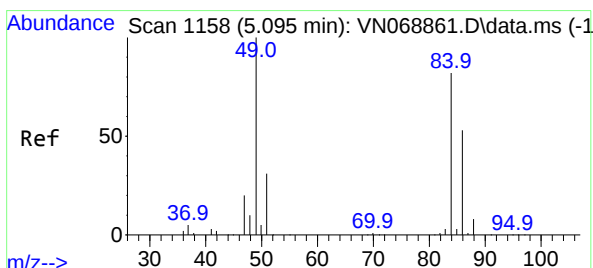
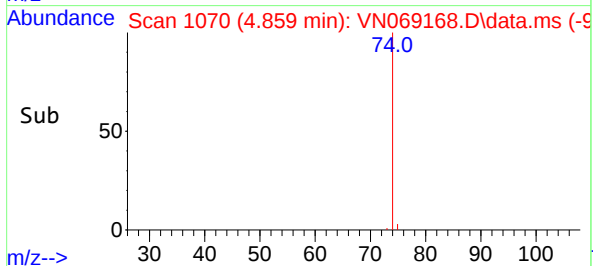
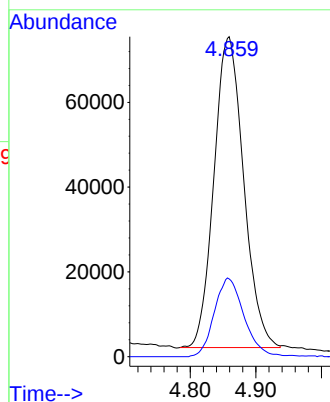
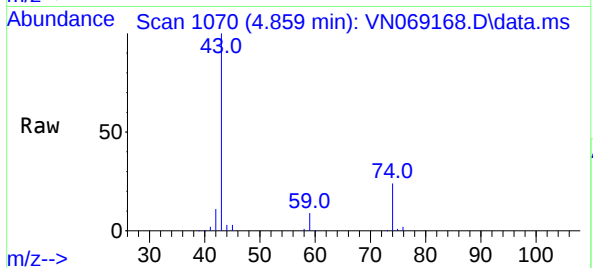
#18
Methyl Acetate
Concen: 33.120 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 43 Resp: 230522
Ion Ratio Lower Upper
43 100
74 25.2 18.9 28.3

Instrument :
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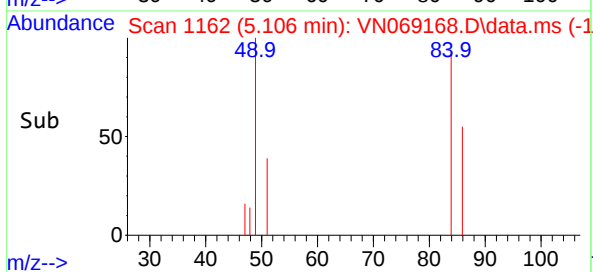
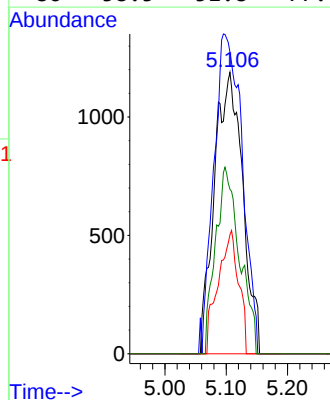
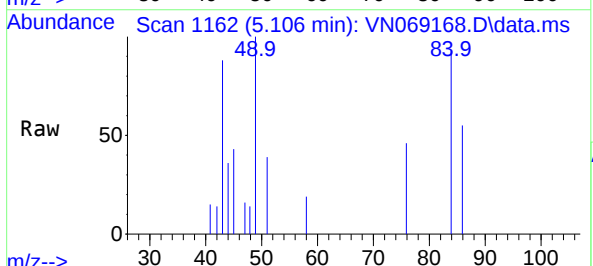
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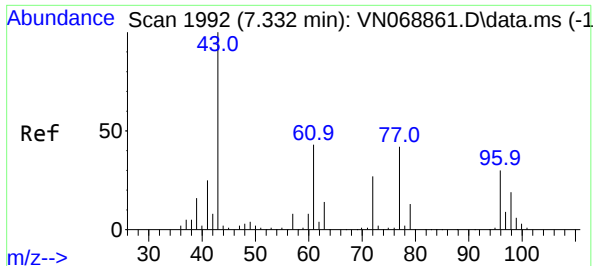
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#20
Methylene Chloride
Concen: 0.902 ug/l m
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 84 Resp: 3809
Ion Ratio Lower Upper
84 100
49 107.1 97.6 146.4
51 42.3 30.3 45.5
86 58.5 51.8 77.6





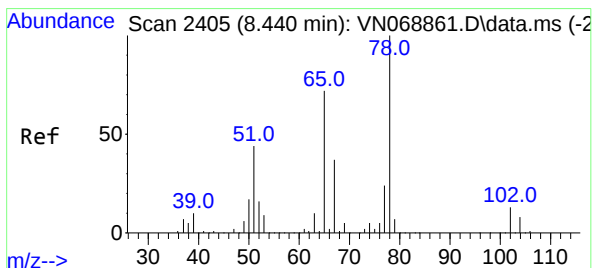
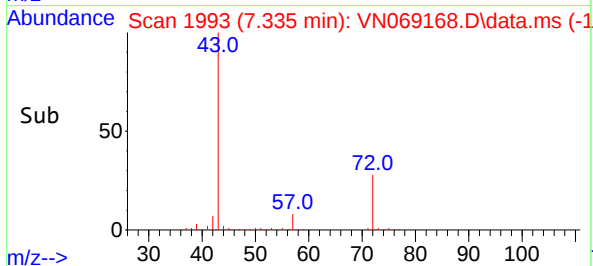
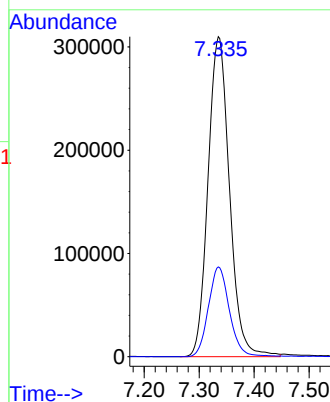
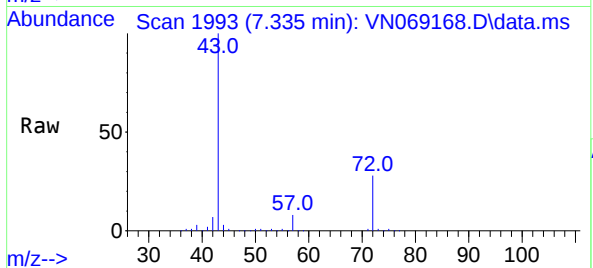
#25
2-Butanone
Concen: 303.114 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 43 Resp: 841088
Ion Ratio Lower Upper
43 100
72 28.1 21.2 31.8

Instrument :
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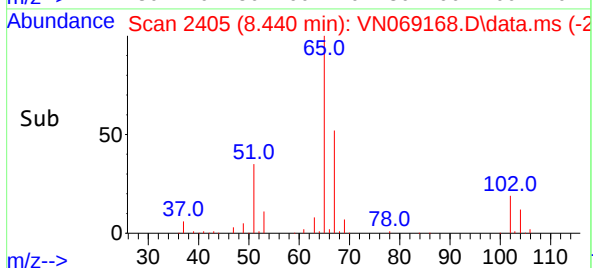
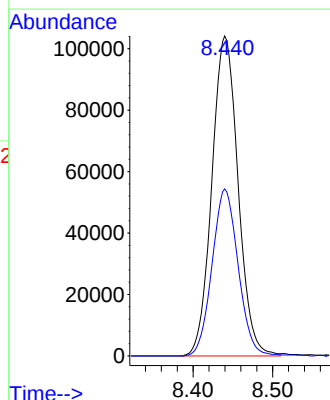
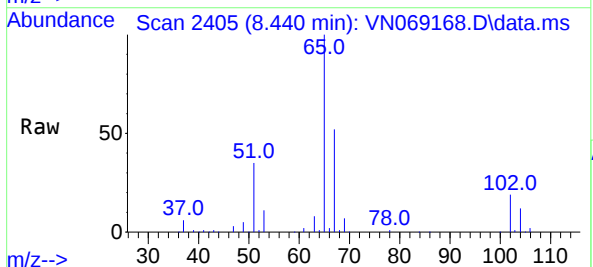
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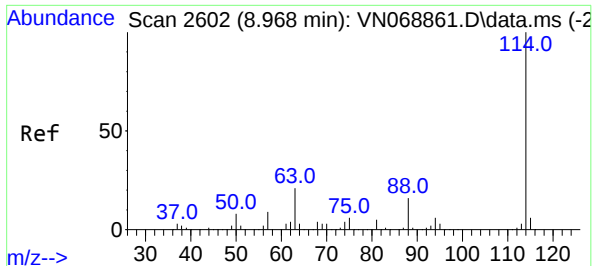
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#33
1,2-Dichloroethane-d4
Concen: 48.509 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 65 Resp: 238528
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8





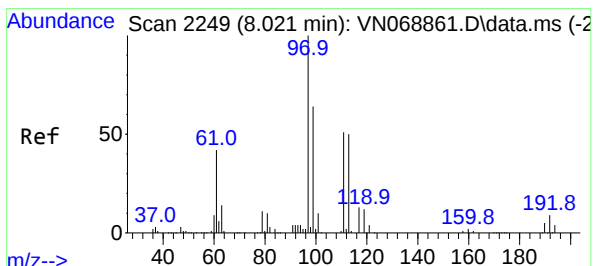
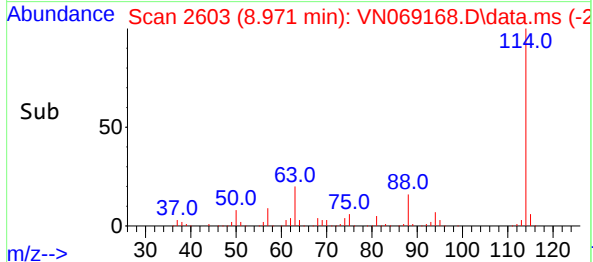
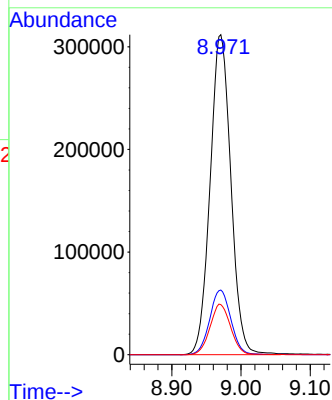
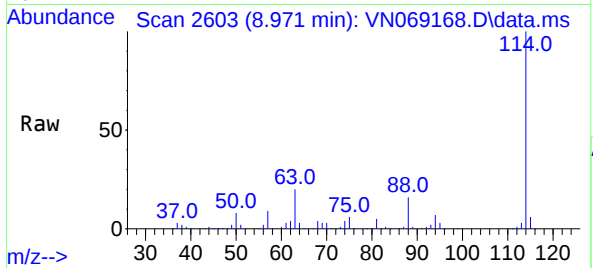
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion:114 Resp: 649367
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.7 0.0 32.0

Instrument :
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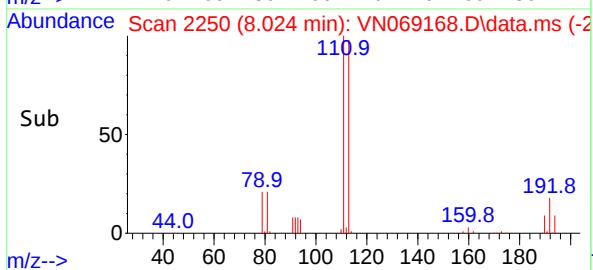
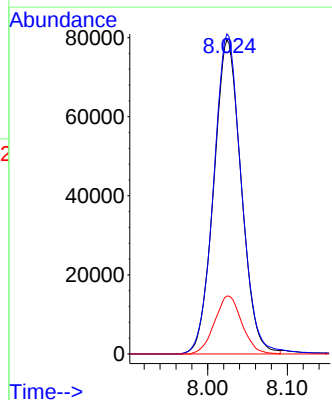
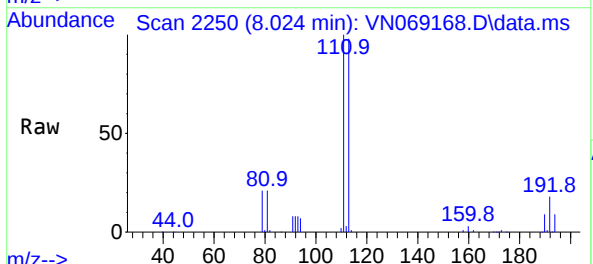
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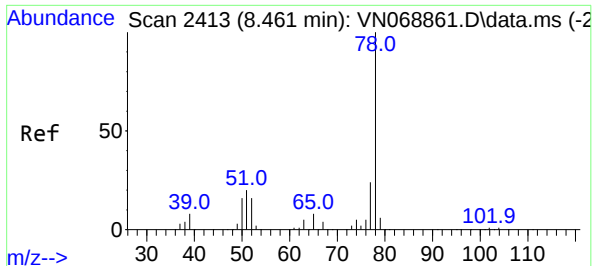
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#35
Dibromofluoromethane
Concen: 50.385 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion:113 Resp: 190357
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.4 15.0 22.4





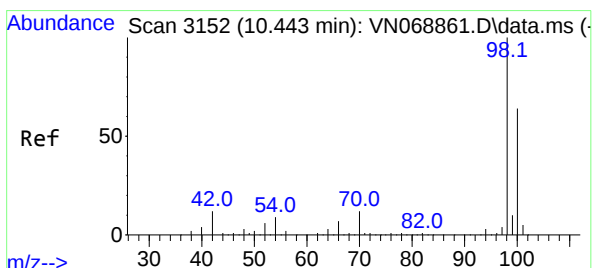
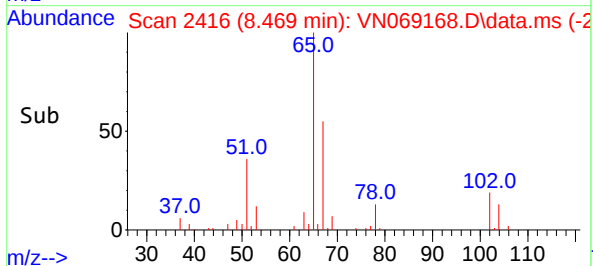
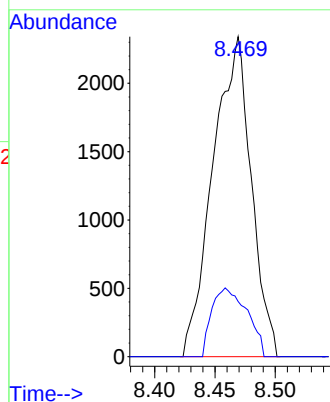
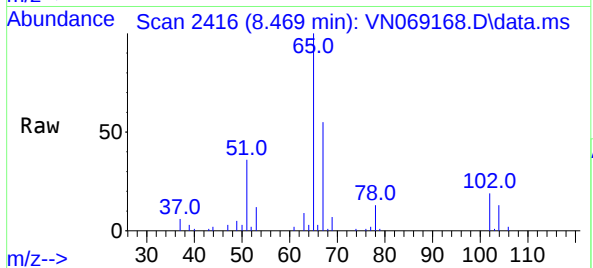
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Benzene
Concen: 0.306 ug/l
RT: 8.469 min Scan# 2416
Delta R.T. 0.008 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 78 Resp: 5170
Ion Ratio Lower Upper
78 100
77 17.3 19.1 28.7#

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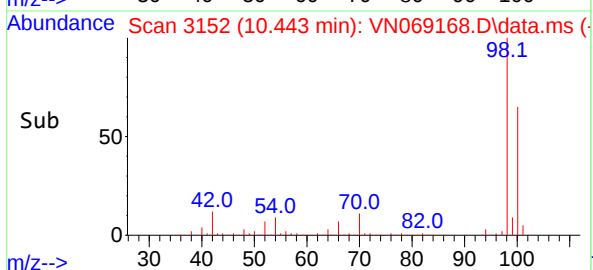
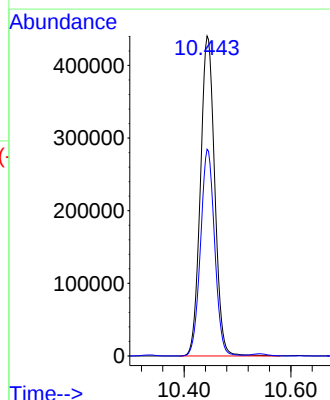
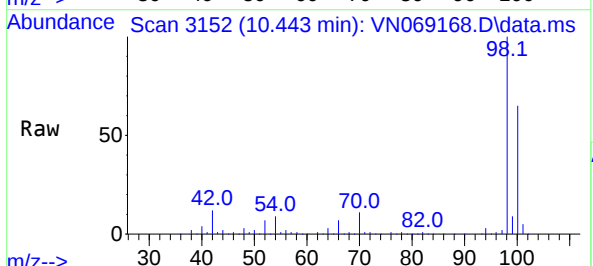
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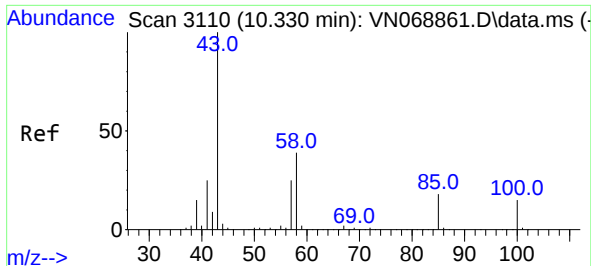
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#50
Toluene-d8
Concen: 54.208 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 98 Resp: 819444
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





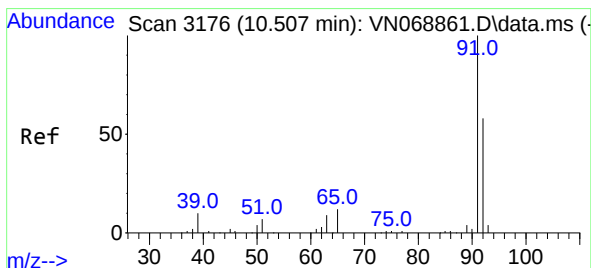
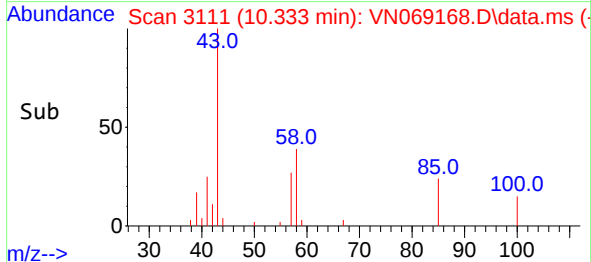
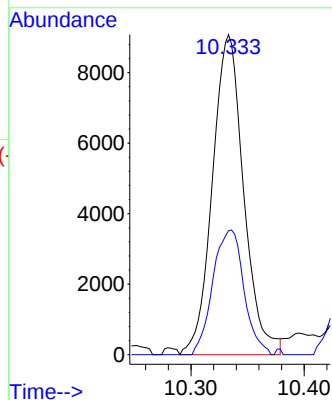
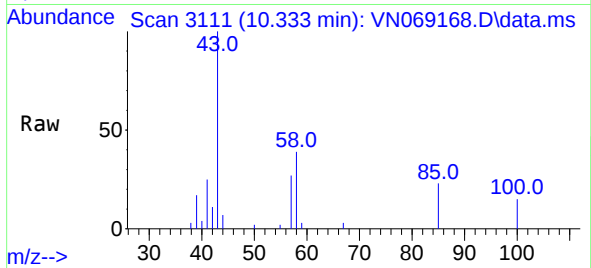
#51
4-Methyl-2-Pentanone
Concen: 2.966 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 43 Resp: 17385
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4

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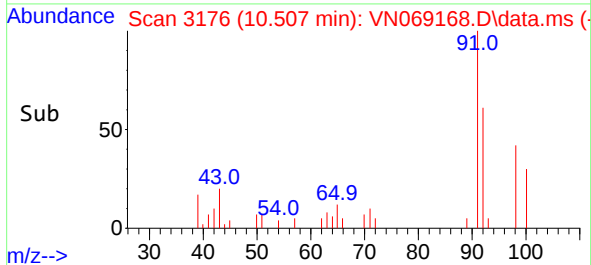
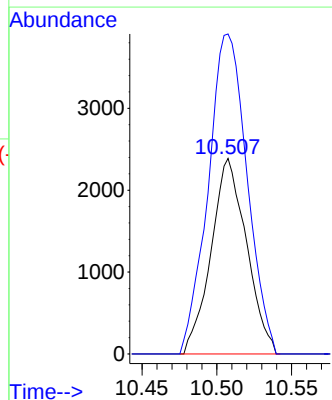
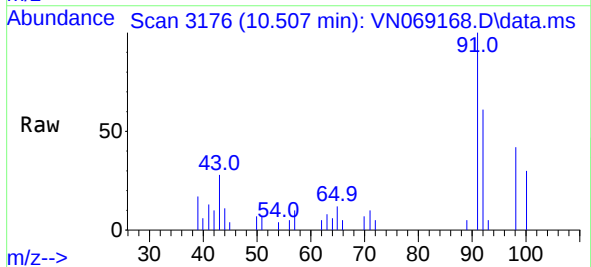
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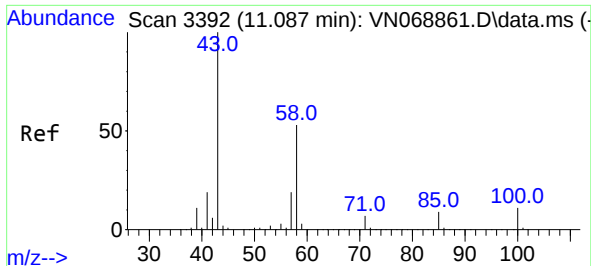
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#52
Toluene
Concen: 0.362 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 92 Resp: 3938
Ion Ratio Lower Upper
92 100
91 179.4 138.5 207.7





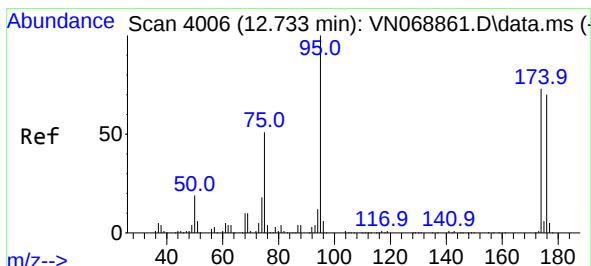
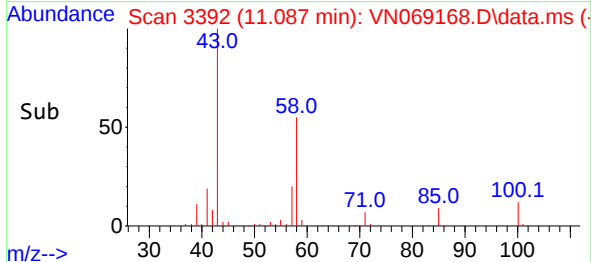
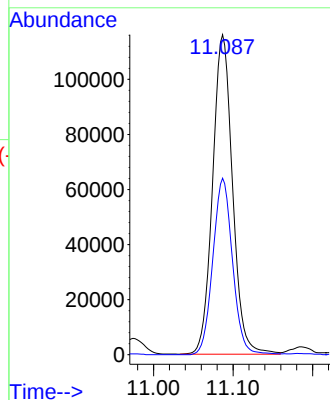
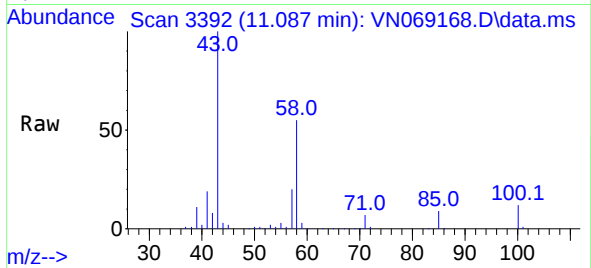
#59
2-Hexanone
Concen: 48.099 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Tgt Ion: 43 Resp: 202155
Ion Ratio Lower Upper
43 100
58 54.5 26.9 80.7

Instrument :
MSVOA_N
ClientSampled :
20877

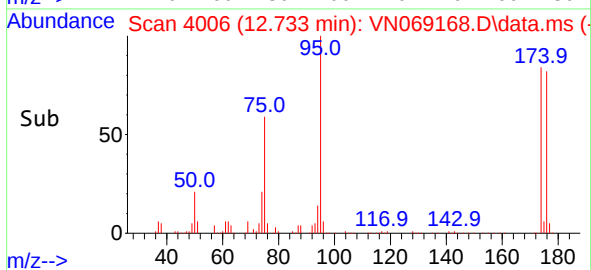
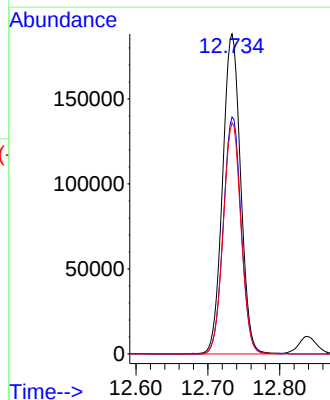
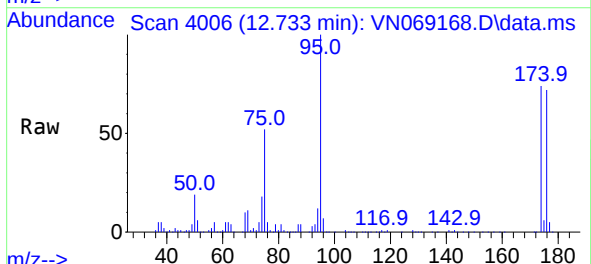
Manual Integrations
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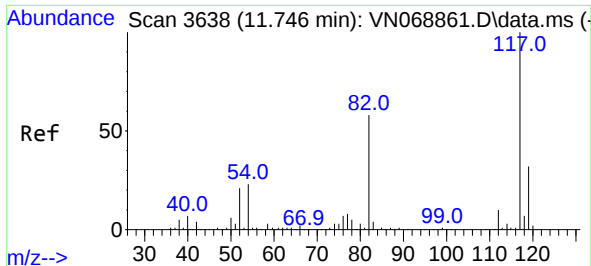
MMDadoda
10/26/2021 6:15:42 PM



#62
4-Bromofluorobenzene
Concen: 57.318 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

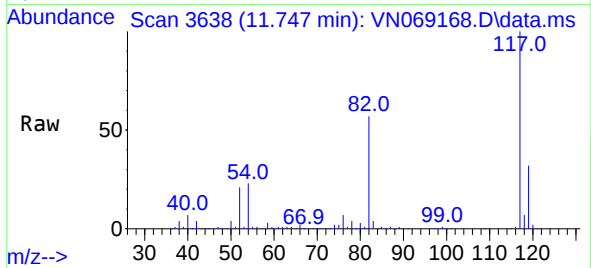
Tgt Ion: 95 Resp: 326902
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.8
176 71.3 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

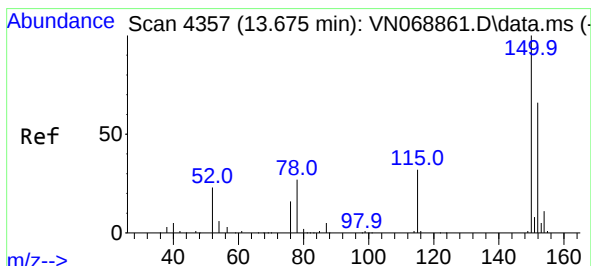
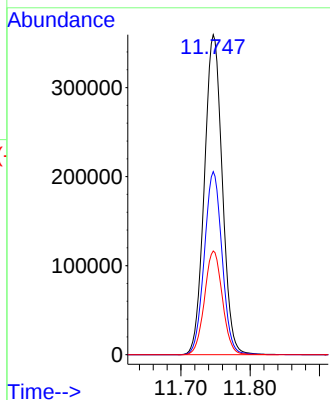
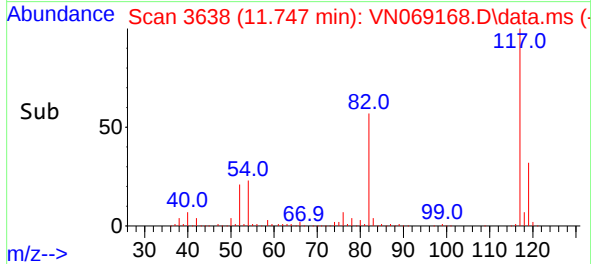
Instrument :
MSVOA_N
ClientSampled :
20877



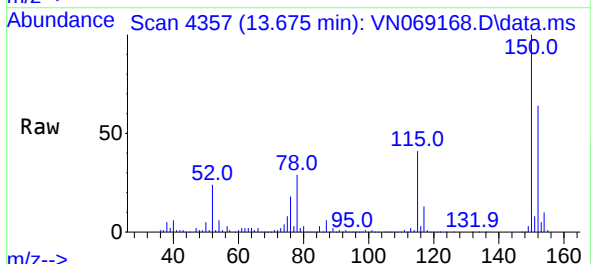
Tgt Ion:117 Resp: 646836
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.4 26.0 39.0

Manual Integrations
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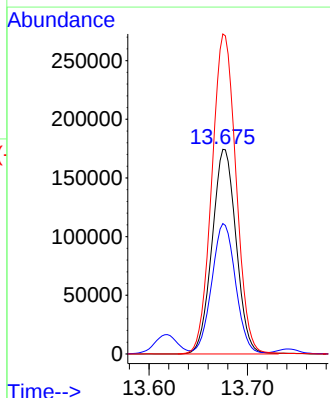
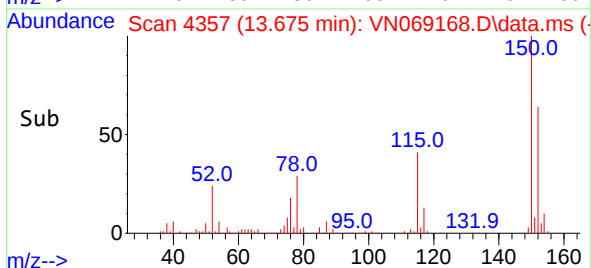
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10/26/2021 6:15:42 PM

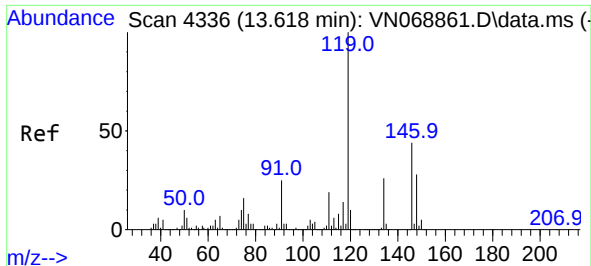


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21



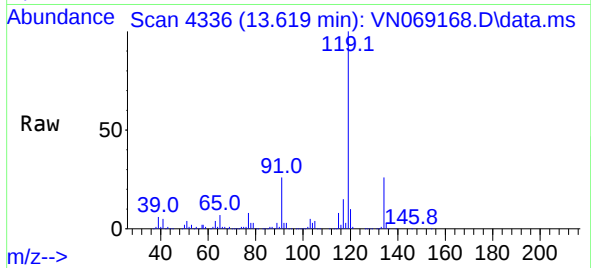
Tgt Ion:152 Resp: 295973
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 157.7 0.0 351.0





#86
p-Isopropyltoluene
Concen: 17.130 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069168.D
Acq: 25 Oct 2021 22:21

Instrument :
MSVOA_N
ClientSampleId :
20877



Tgt Ion:119 Resp: 339899
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.6
91 28.6 12.8 38.4

Manual Integrations
APPROVED

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