

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067552.D
 Acq On : 29 Jun 2021 14:51
 Operator : JC/MD
 Sample : M2847-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1966-1969

Manual Integrations
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Quant Time: Jun 29 15:24:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	186659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	353930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	346621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	136060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	144161	56.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.860%			
35) Dibromofluoromethane	8.024	113	103722	47.268	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.540%			
50) Toluene-d8	10.443	98	482626	54.142	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.733	95	162992	52.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.700%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.385	59	7597m	19.922	ug/l	
16) Acetone	4.296	43	17402	20.652	ug/l	96
17) Carbon Disulfide	4.524	76	8832	1.729	ug/l	99
25) 2-Butanone	7.345	43	6304m	4.851	ug/l	
40) Benzene	8.461	78	708704	73.254	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	4818	1.593	ug/l	99
52) Toluene	10.507	92	41745	6.604	ug/l	99
67) Ethyl Benzene	11.848	91	6155	0.479	ug/l	95
68) m/p-Xylenes	11.956	106	3925	0.794	ug/l	92
69) o-Xylene	12.283	106	2113	0.432	ug/l	94
70) Styrene	12.299	104	16058	3.662	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	2503	0.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	7512	0.814	ug/l	98
95) Naphthalene	15.507	128	29533	7.305	ug/l	98

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

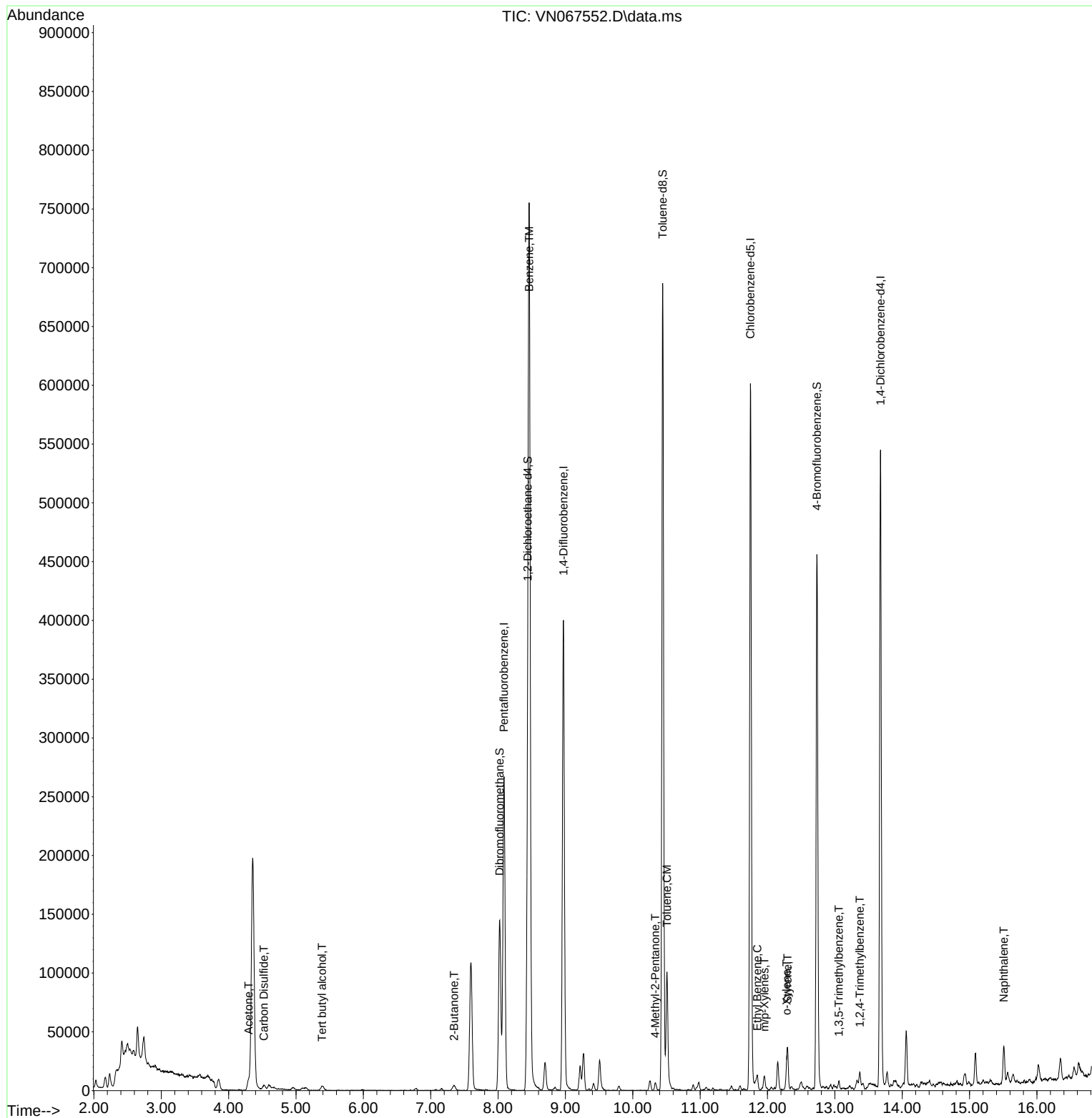
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Data File : VN067552.D
Acq On : 29 Jun 2021 14:51
Operator : JC/MD
Sample : M2847-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

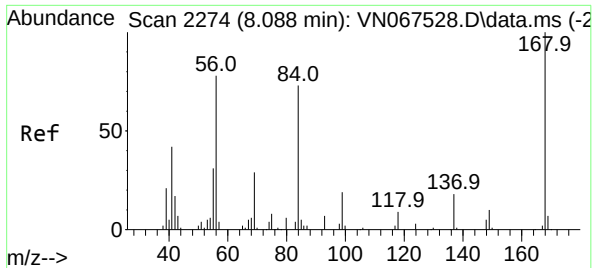
Instrument :
MSVOA_N
ClientSampled :
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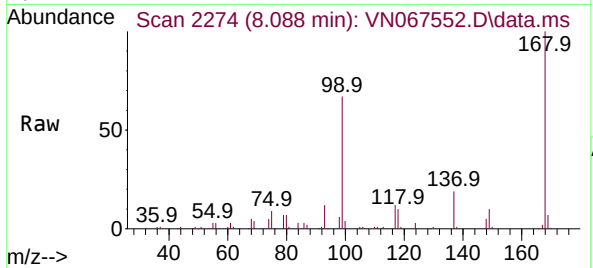
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Quant Time: Jun 29 15:24:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

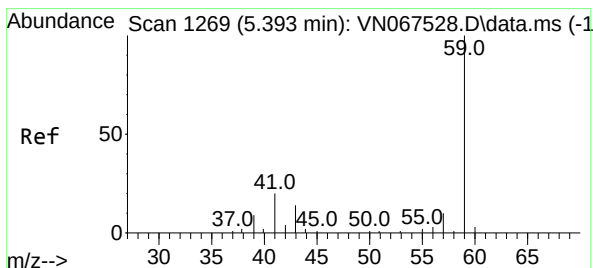
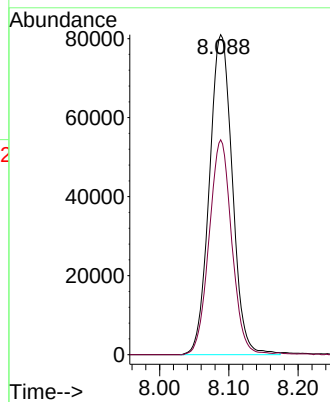
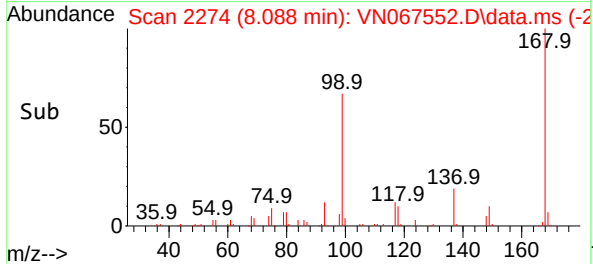




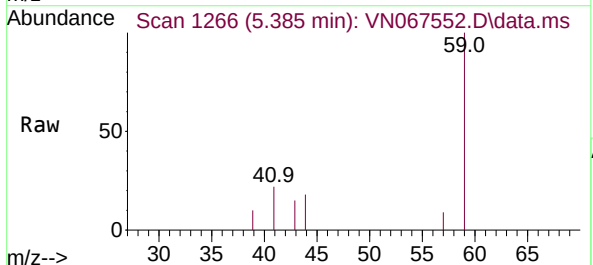
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51



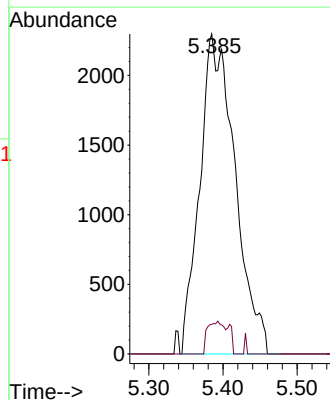
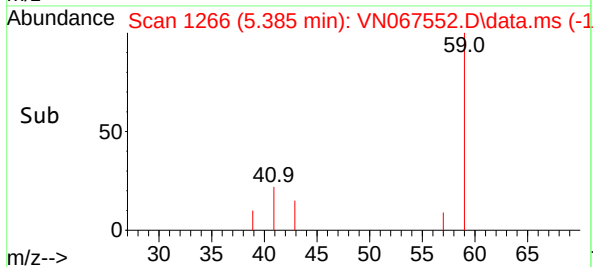
Tgt Ion:168 Resp: 186659
Ion Ratio Lower Upper
168 100
99 67.1 62.9 94.3



#11
Tert butyl alcohol
Concen: 19.922 ug/l m
RT: 5.385 min Scan# 1266
Delta R.T. -0.008 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51



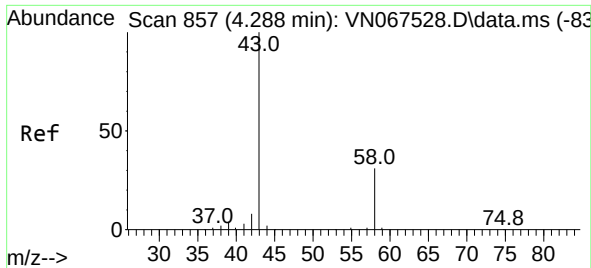
Tgt Ion: 59 Resp: 7597
Ion Ratio Lower Upper
59 100
57 4.8 8.7 13.1#



Instrument :
MSVOA_N
ClientSampleId :
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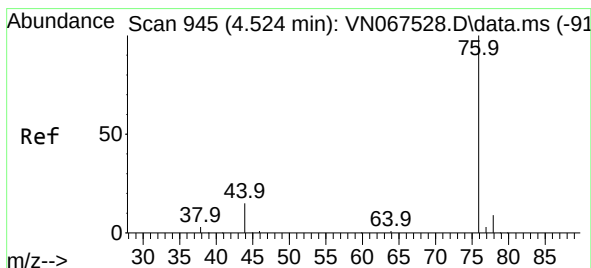
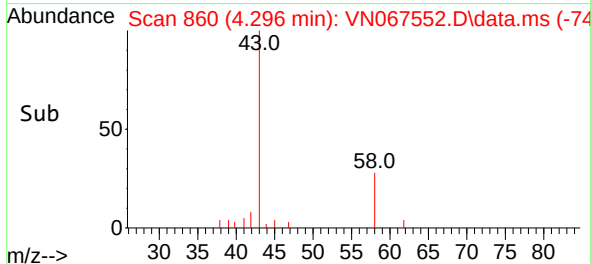
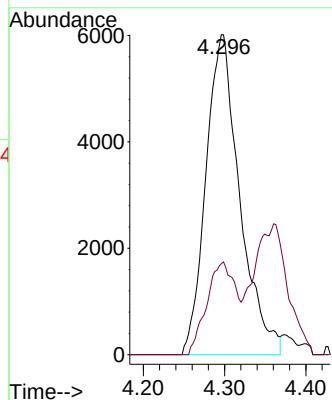
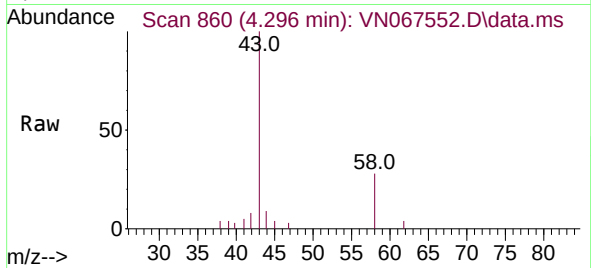
#16
Acetone
Concen: 20.652 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion: 43 Resp: 17402
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8

Instrument :
MSVOA_N
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1966-1969

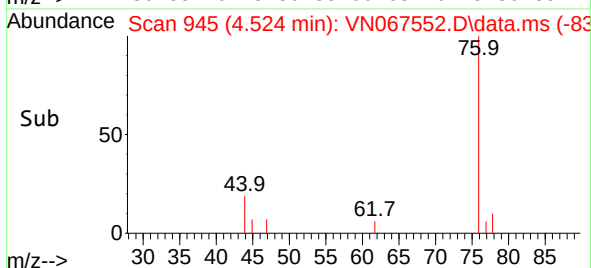
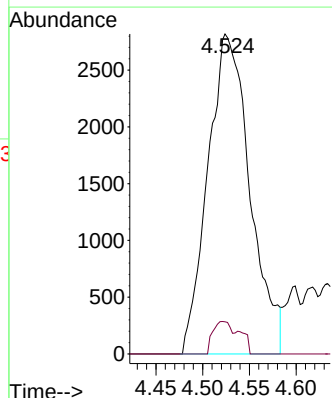
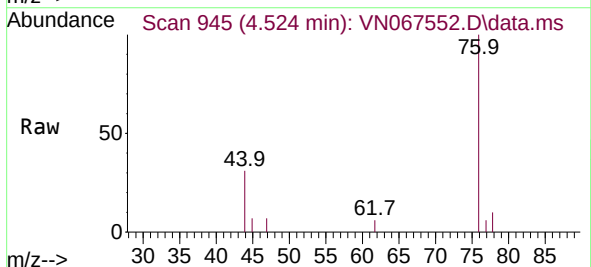
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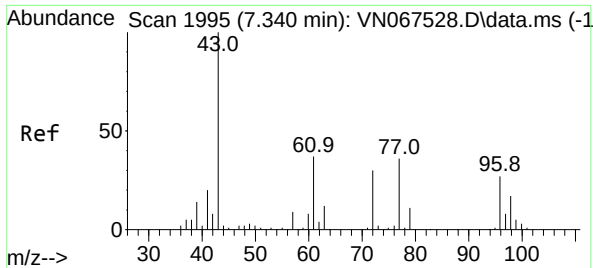
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#17
Carbon Disulfide
Concen: 1.729 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion: 76 Resp: 8832
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5





#25

2-Butanone

Concen: 4.851 ug/l m

RT: 7.345 min Scan# 1997

Delta R.T. 0.005 min

Lab File: VN067552.D

Acq: 29 Jun 2021 14:51

Tgt Ion: 43 Resp: 6304

Ion Ratio Lower Upper

43 100

72 24.6 19.7 29.5

Instrument :

MSVOA_N

ClientSampleId :

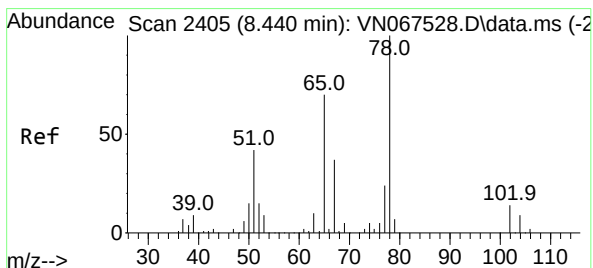
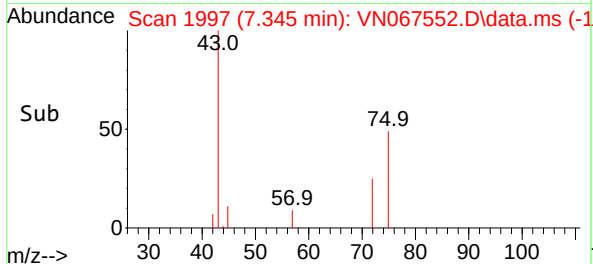
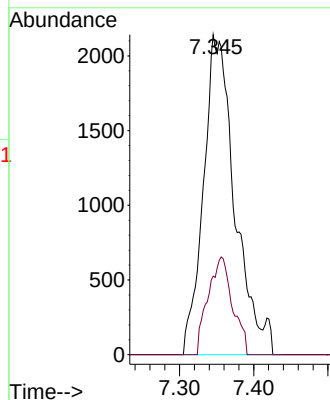
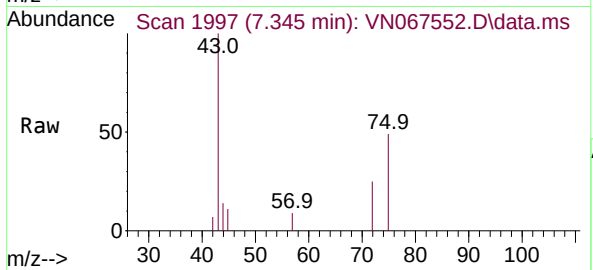
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7/5/2021 1:51:30 PM



#33

1,2-Dichloroethane-d4

Concen: 56.432 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN067552.D

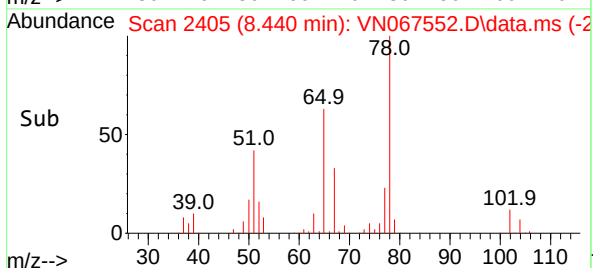
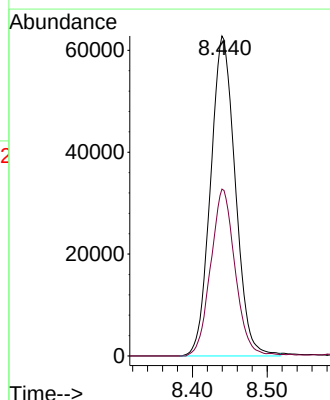
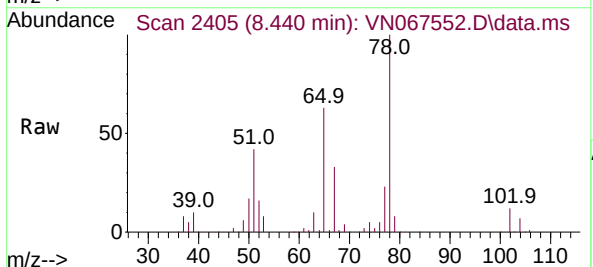
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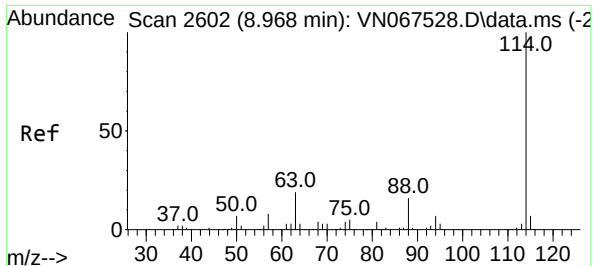
Tgt Ion: 65 Resp: 144161

Ion Ratio Lower Upper

65 100

67 51.2 0.0 98.6





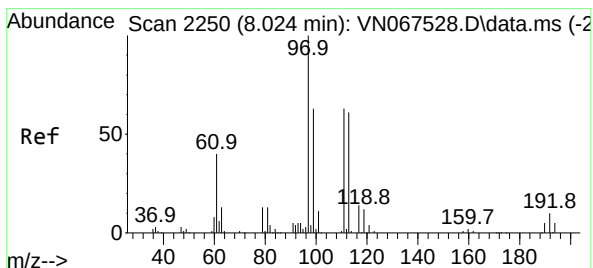
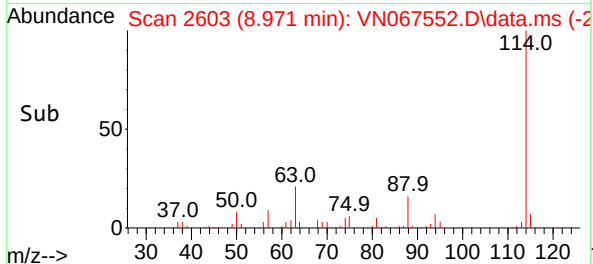
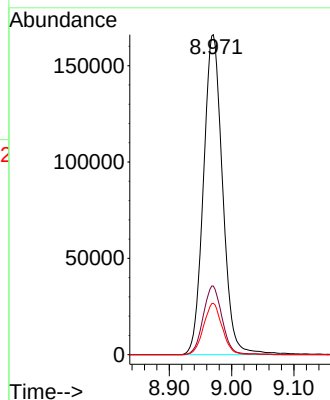
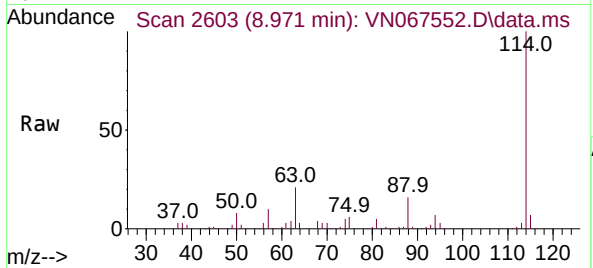
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion:114 Resp: 353930
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 16.1 0.0 36.6

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MSVOA_N
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1966-1969

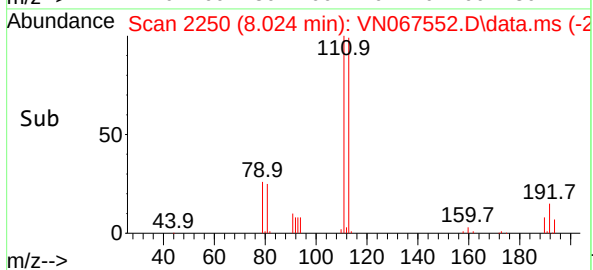
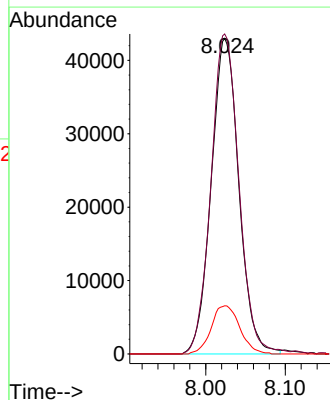
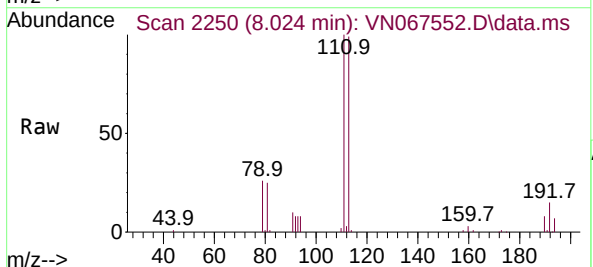
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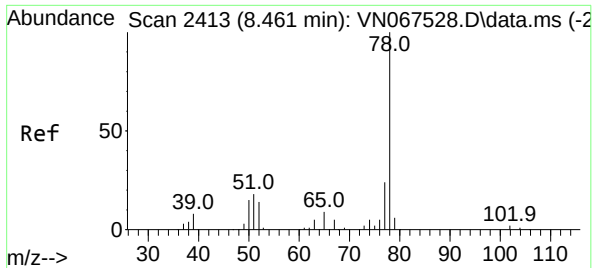
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7/5/2021 1:51:30 PM



#35
Dibromofluoromethane
Concen: 47.268 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion:113 Resp: 103722
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 15.8 13.4 20.0





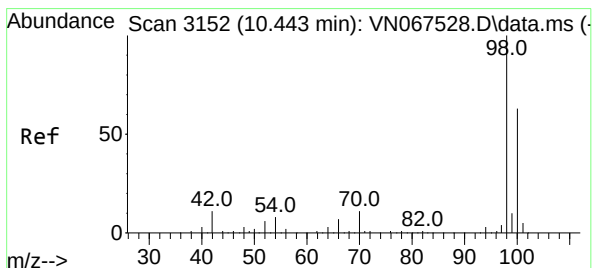
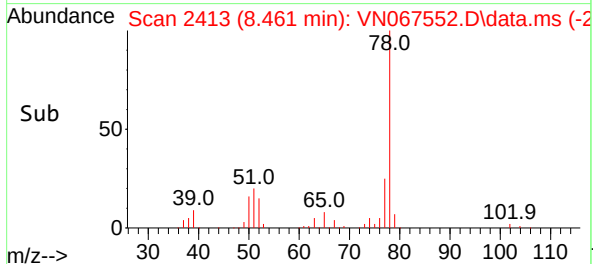
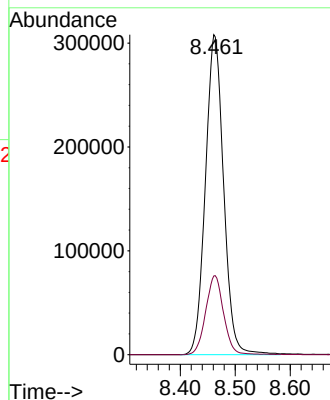
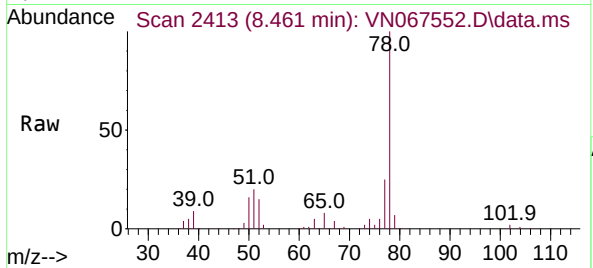
#40
Benzene
Concen: 73.254 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion: 78 Resp: 708704
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3

Instrument :
MSVOA_N
ClientSampleId :
1966-1969

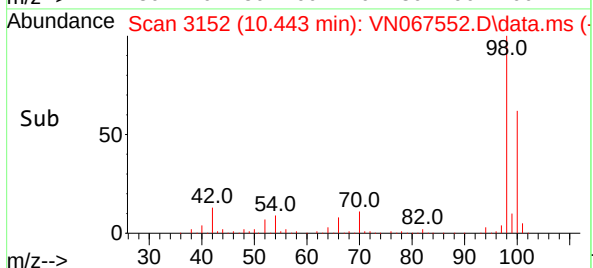
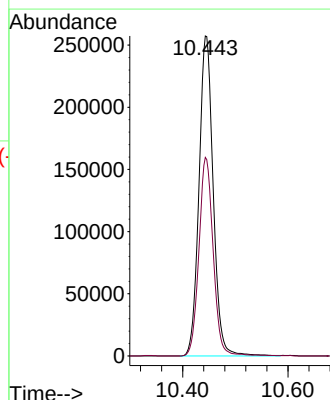
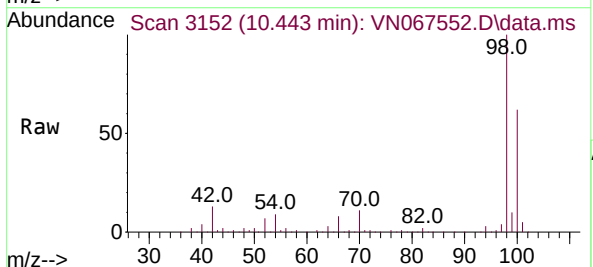
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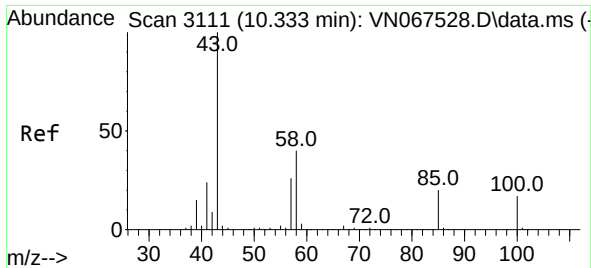
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7/5/2021 1:51:30 PM



#50
Toluene-d8
Concen: 54.142 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion: 98 Resp: 482626
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5





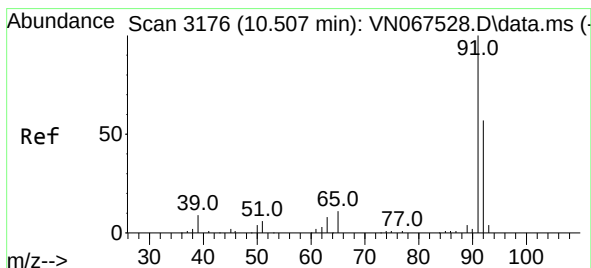
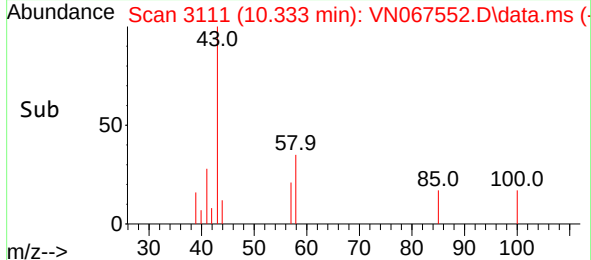
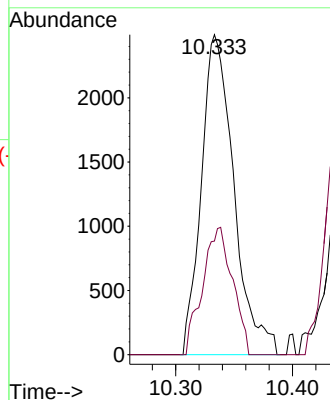
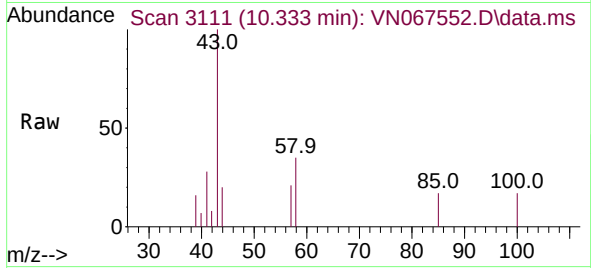
#51
4-Methyl-2-Pentanone
Concen: 1.593 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion: 43 Resp: 4818
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0

Instrument :
MSVOA_N
ClientSampled :
1966-1969

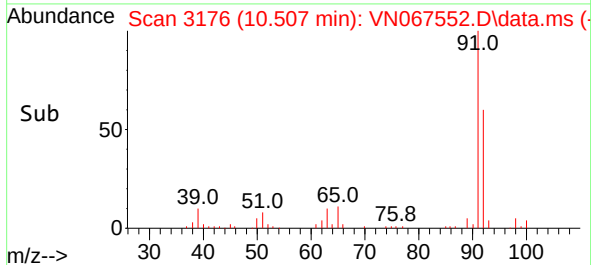
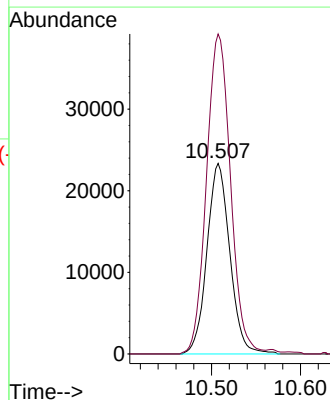
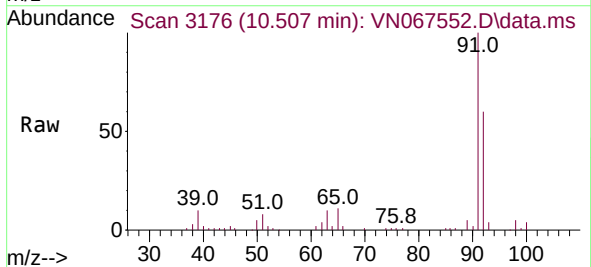
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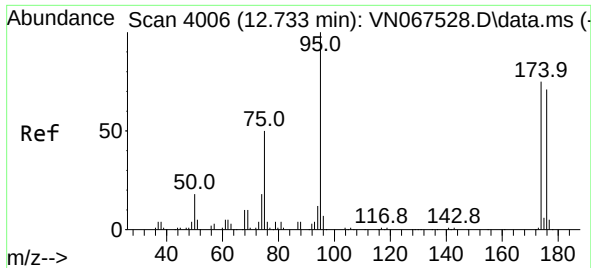
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7/5/2021 1:51:30 PM



#52
Toluene
Concen: 6.604 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

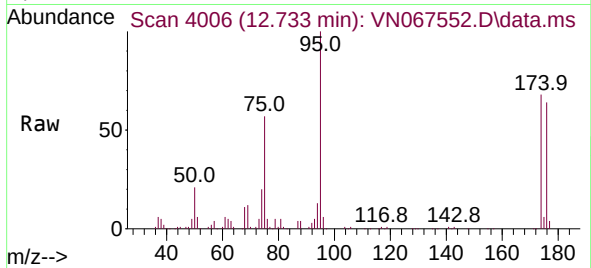
Tgt Ion: 92 Resp: 41745
Ion Ratio Lower Upper
92 100
91 176.0 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 52.347 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

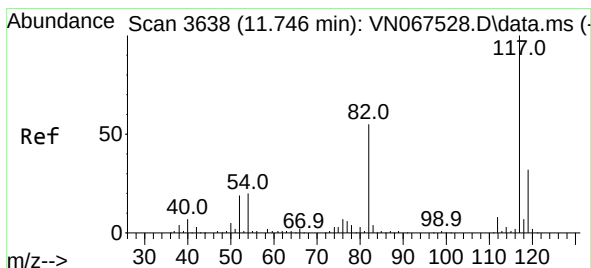
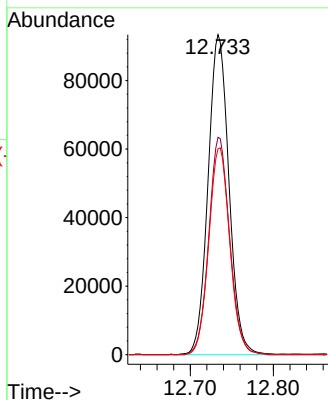
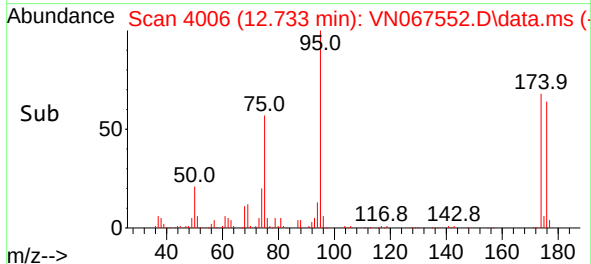
Instrument :
MSVOA_N
ClientSampleId :
1966-1969



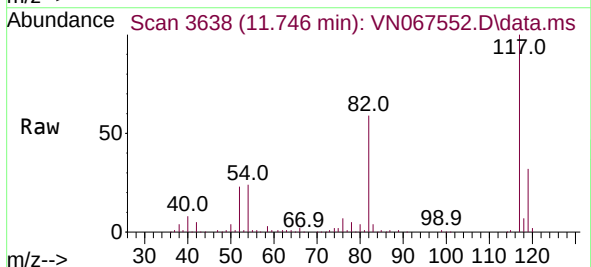
Tgt Ion: 95 Resp: 162992
Ion Ratio Lower Upper
95 100
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176 65.0 0.0 117.6

Manual Integrations
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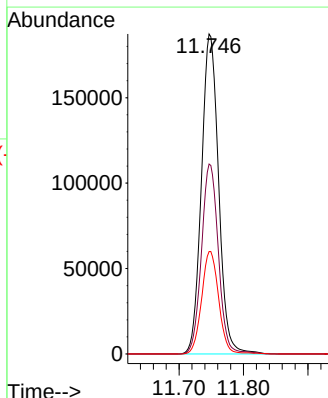
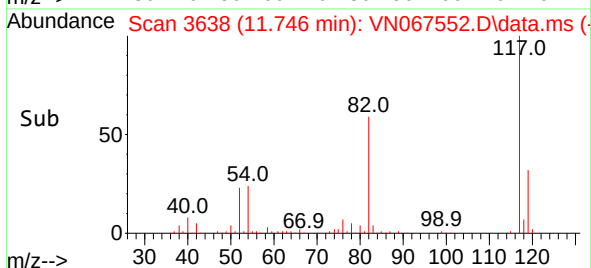
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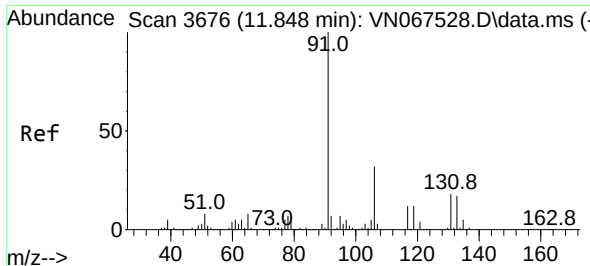


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51



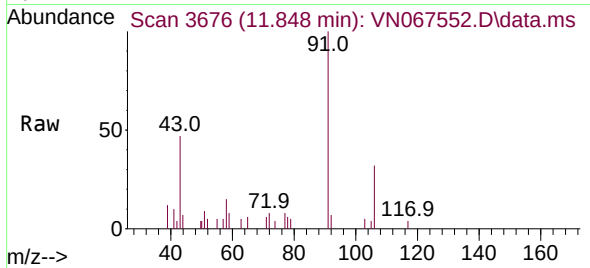
Tgt Ion: 117 Resp: 346621
Ion Ratio Lower Upper
117 100
82 59.3 53.1 79.7
119 32.0 25.5 38.3





#67
Ethyl Benzene
Concen: 0.479 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

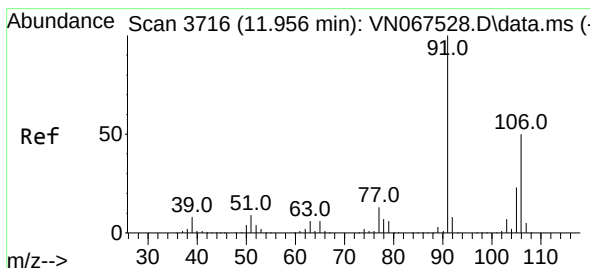
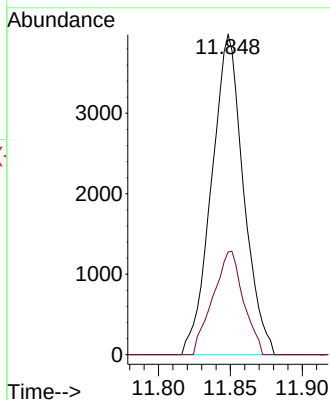
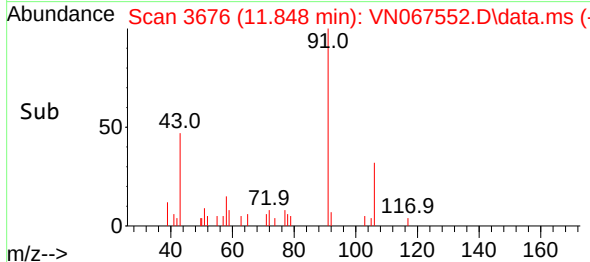
Instrument :
MSVOA_N
ClientSampled :
1966-1969



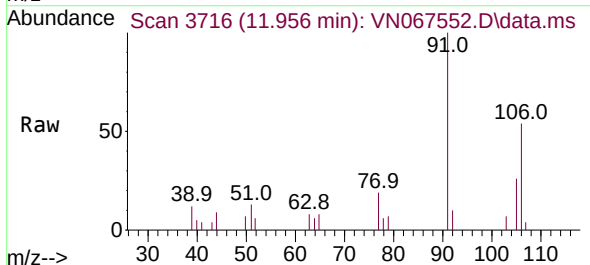
Tgt Ion: 91 Resp: 6155
Ion Ratio Lower Upper
91 100
106 32.1 23.4 35.0

Manual Integrations
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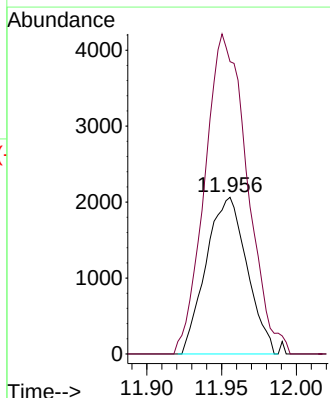
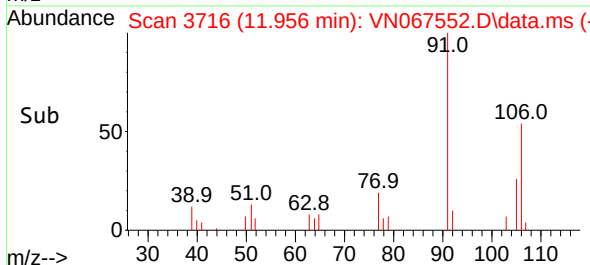
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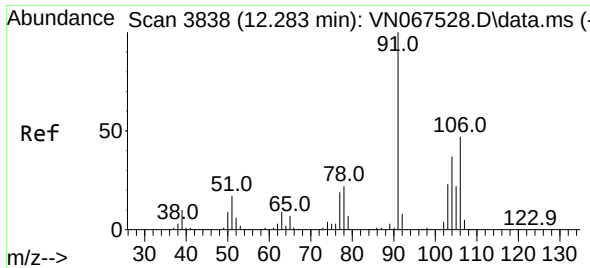


#68
m/p-Xylenes
Concen: 0.794 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51



Tgt Ion: 106 Resp: 3925
Ion Ratio Lower Upper
106 100
91 212.1 180.6 270.8





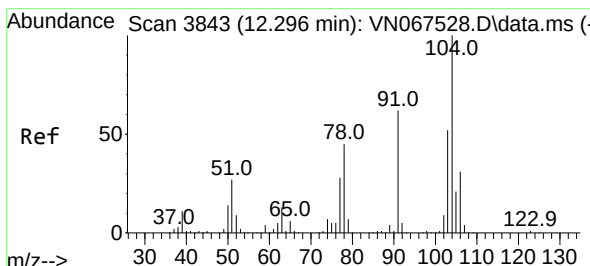
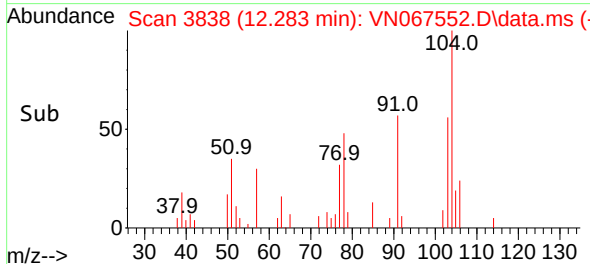
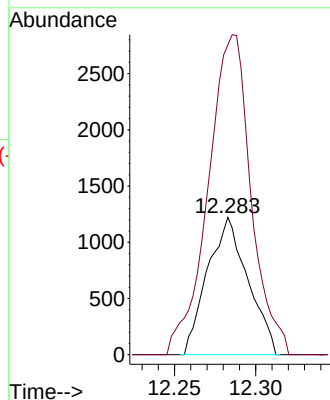
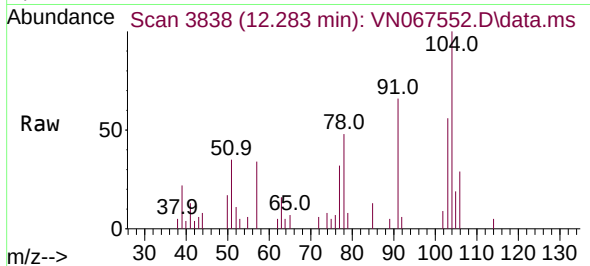
#69
o-Xylene
Concen: 0.432 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion:106 Resp: 2113
Ion Ratio Lower Upper
106 100
91 247.3 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
1966-1969

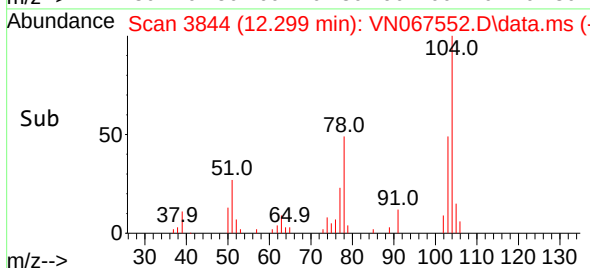
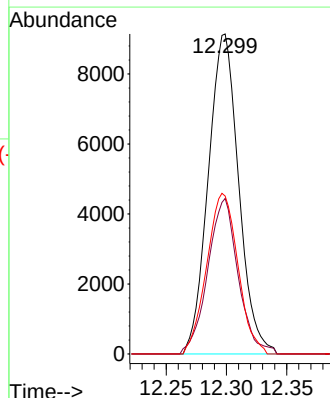
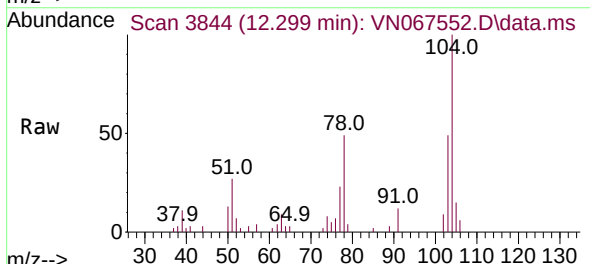
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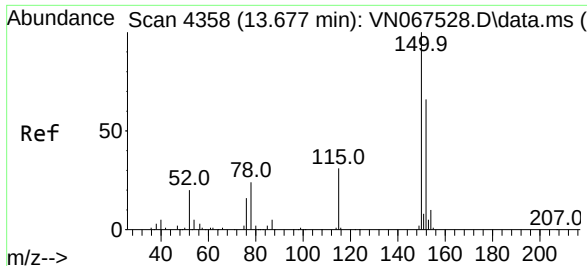
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7/5/2021 1:51:30 PM



#70
Styrene
Concen: 3.662 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

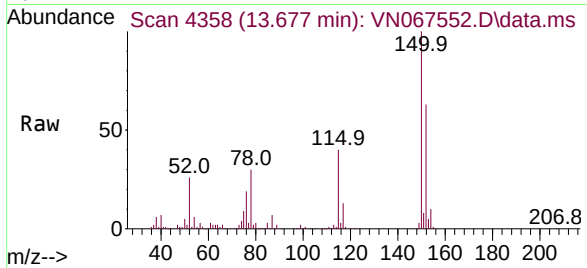
Tgt Ion:104 Resp: 16058
Ion Ratio Lower Upper
104 100
78 48.3 48.2 72.2
103 51.4 44.5 66.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

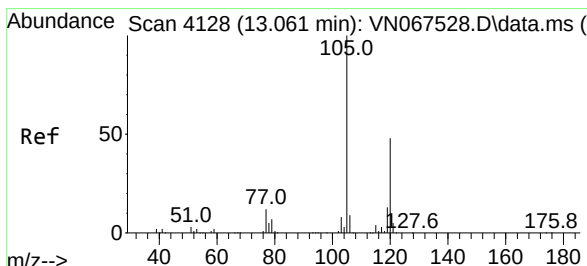
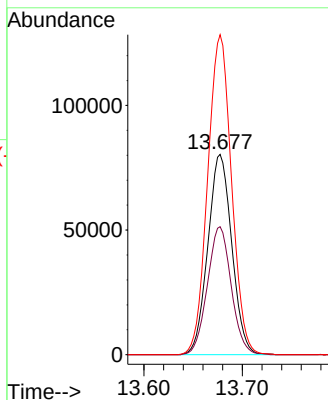
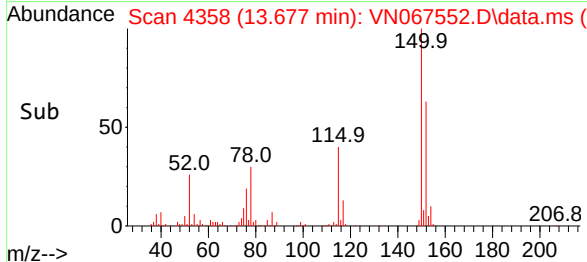
Instrument :
MSVOA_N
ClientSampleId :
1966-1969



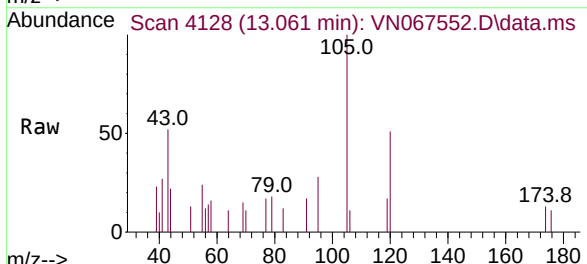
Tgt Ion:152 Resp: 136060
Ion Ratio Lower Upper
152 100
115 63.5 36.1 108.5
150 159.1 0.0 351.8

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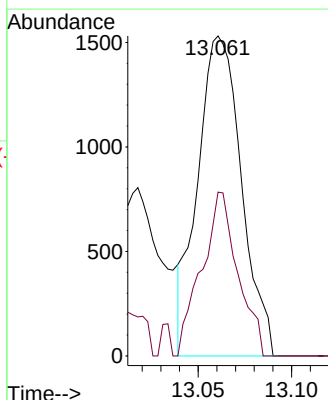
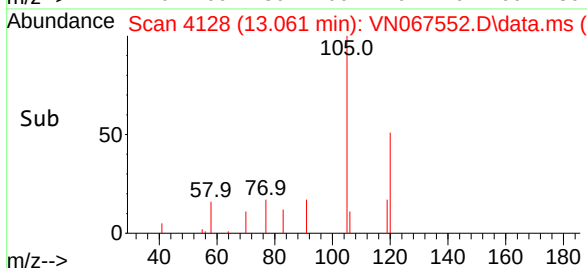
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7/5/2021 1:51:30 PM

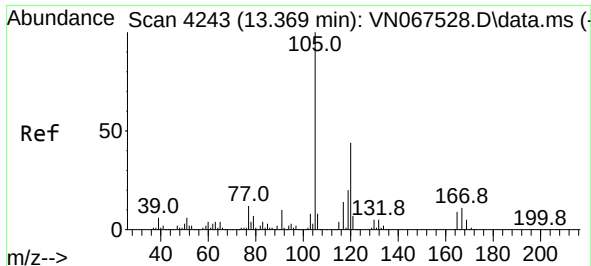


#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51



Tgt Ion:105 Resp: 2503
Ion Ratio Lower Upper
105 100
120 42.3 22.2 66.6





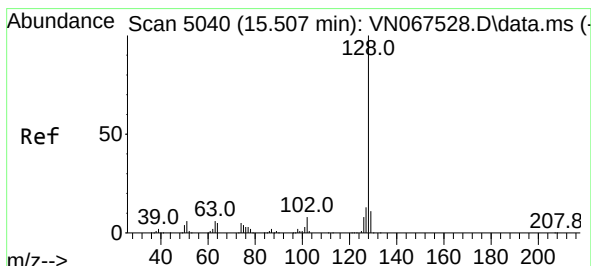
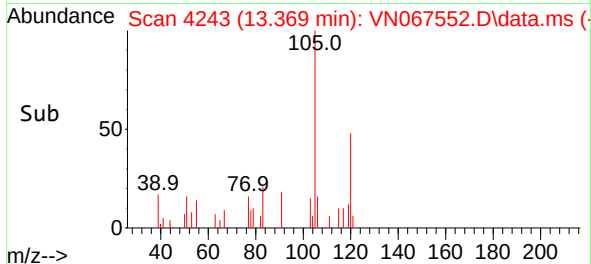
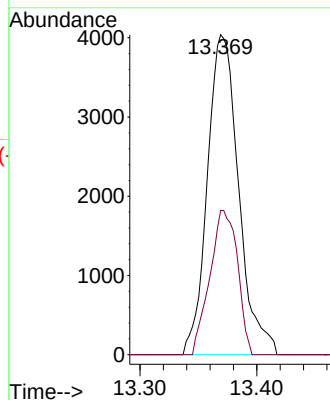
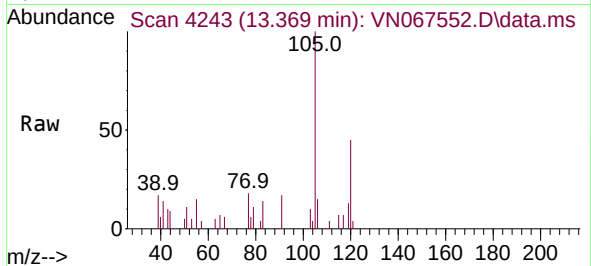
#84
1,2,4-Trimethylbenzene
Concen: 0.814 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion:105 Resp: 7512
Ion Ratio Lower Upper
105 100
120 39.8 20.6 61.8

Instrument :
MSVOA_N
ClientSampled :
1966-1969

Manual Integrations
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7/5/2021 1:51:30 PM



#95
Naphthalene
Concen: 7.305 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067552.D
Acq: 29 Jun 2021 14:51

Tgt Ion:128 Resp: 29533
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.7 8.6 12.8

