

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067716.D
 Acq On : 13 Jul 2021 14:34
 Operator : JC/MD
 Sample : M2992-03DL2 400X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33262DL2

Manual Integrations
 APPROVED

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 7/15/2021 1:17:33 PM

Quant Time: Jul 13 22:16:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	331926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	612422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	614234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	253616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	255842	51.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.00%			
35) Dibromofluoromethane	8.024	113	181626	49.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.18%			
50) Toluene-d8	10.443	98	794303	51.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.58%			
62) 4-Bromofluorobenzene	12.733	95	292536	53.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.94%			
Target Compounds						
19) Methyl tert-butyl Ether	5.618	73	38358	3.14	ug/l #	48
22) Diisopropyl ether	6.506	45	19066m	1.55	ug/l	
39) Methylcyclohexane	9.456	83	17062	2.74	ug/l	87
40) Benzene	8.461	78	785088	46.10	ug/l	99
52) Toluene	10.507	92	3291051	295.04	ug/l	99
67) Ethyl Benzene	11.848	91	415201	18.08	ug/l	97
68) m/p-Xylenes	11.953	106	508987	58.60	ug/l	89
69) o-Xylene	12.283	106	226392	26.51	ug/l	90
78) n-propylbenzene	12.924	91	73453	3.17	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	95801	5.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	416020	25.61	ug/l	95
95) Naphthalene	15.507	128	41463	6.15	ug/l #	92

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

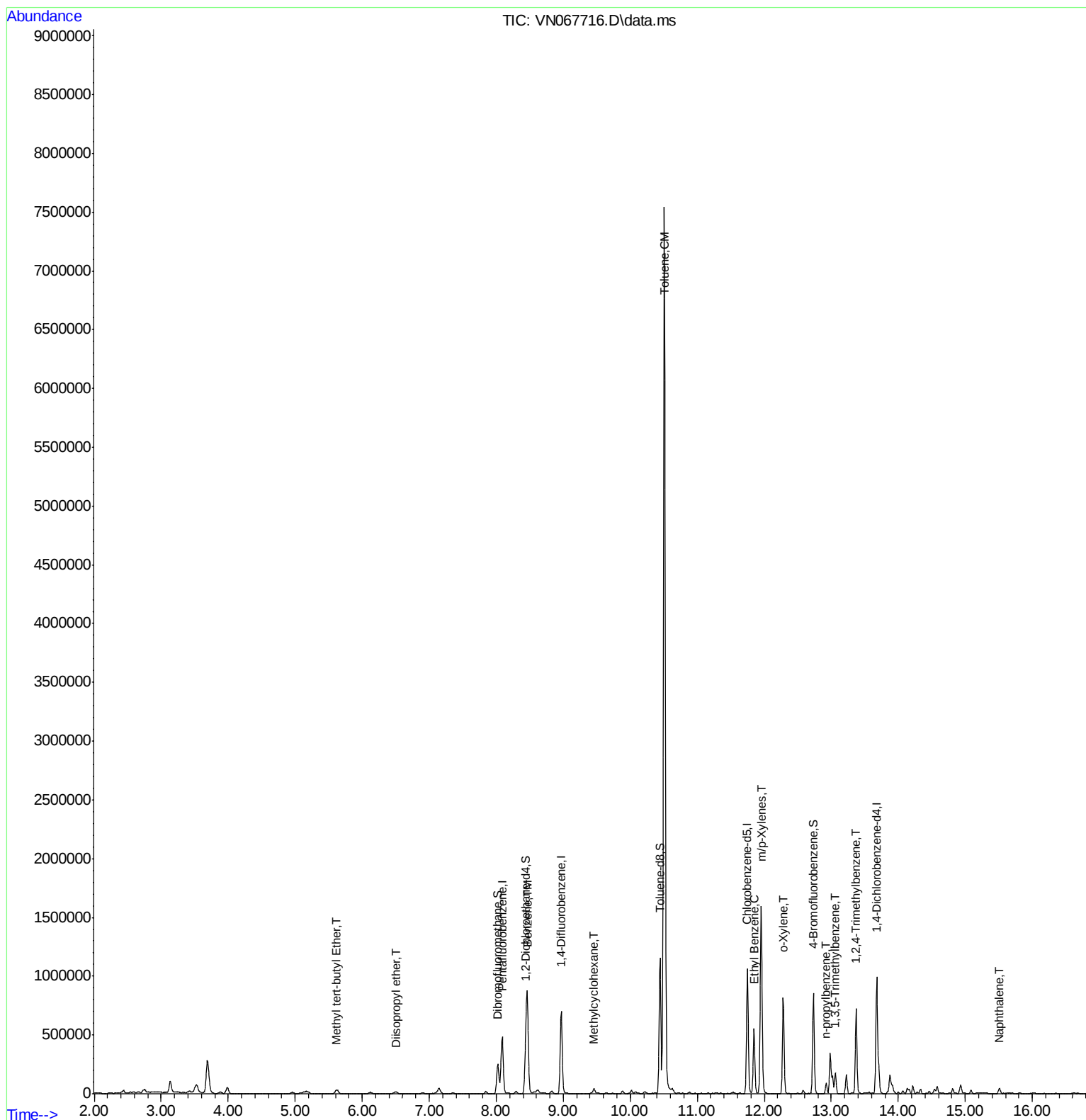
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
Data File : VN067716.D
Acq On : 13 Jul 2021 14:34
Operator : JC/MD
Sample : M2992-03DL2 400X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

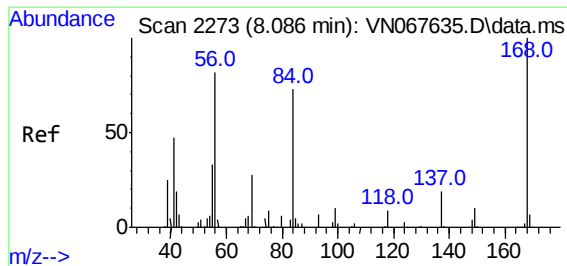
Instrument :
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Quant Time: Jul 13 22:16:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
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Response via : Initial Calibration





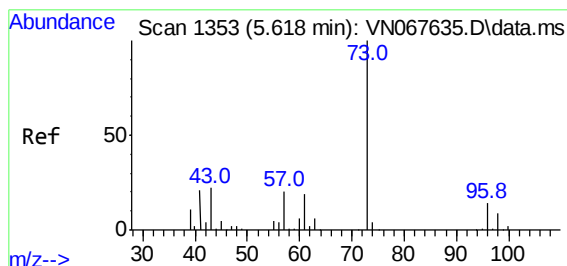
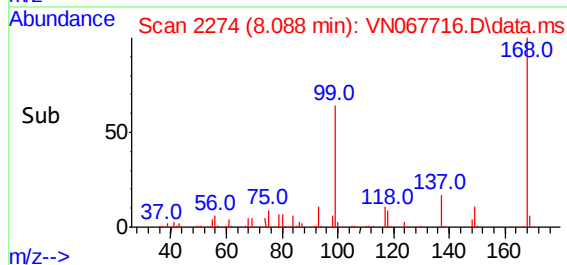
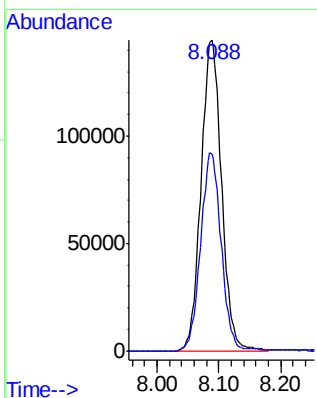
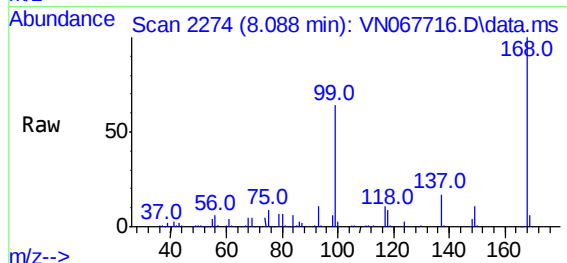
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

Tgt Ion:168 Resp: 331926
Ion Ratio Lower Upper
168 100
99 63.5 62.9 94.3

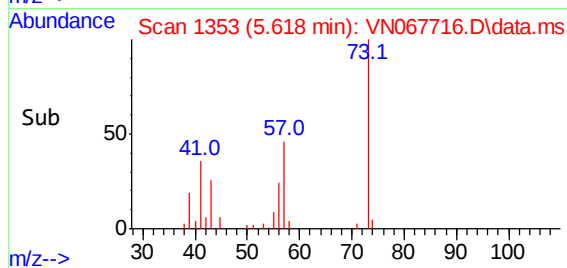
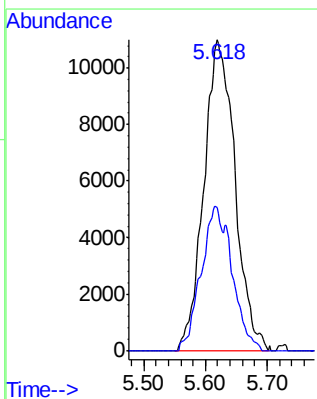
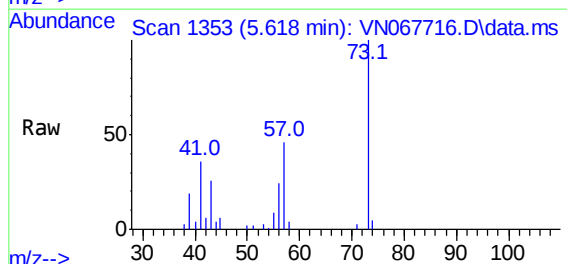
Manual Integrations
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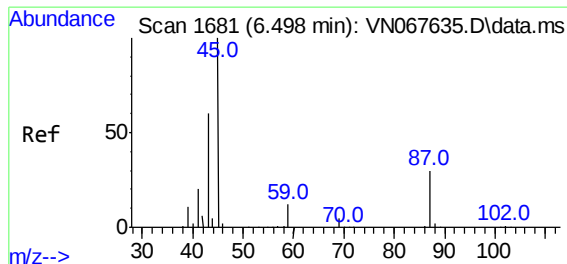
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#19
Methyl tert-butyl Ether
Concen: 3.14 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

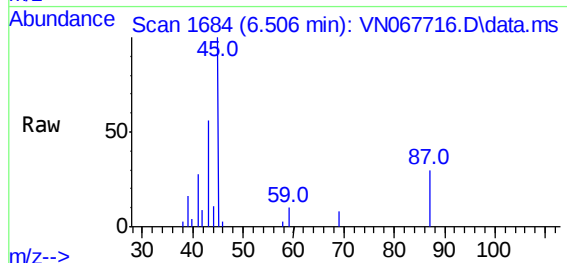
Tgt Ion: 73 Resp: 38358
Ion Ratio Lower Upper
73 100
57 45.8 17.0 25.6#





#22
Diisopropyl ether
Concen: 1.55 ug/l m
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

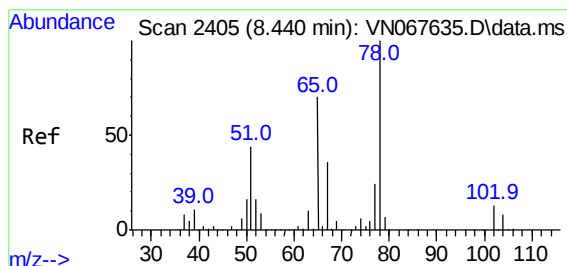
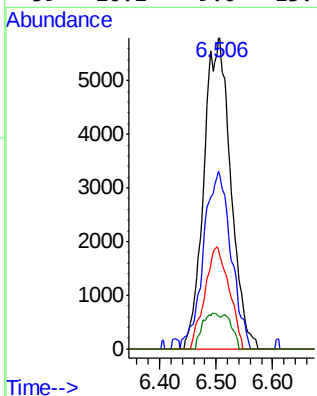
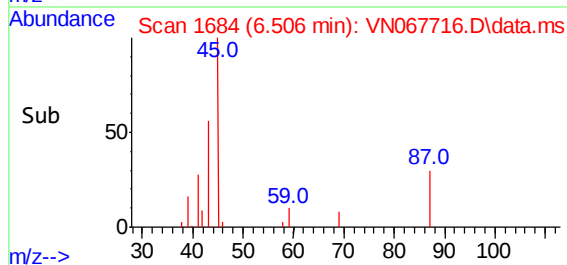


Tgt Ion: 45 Resp: 19066

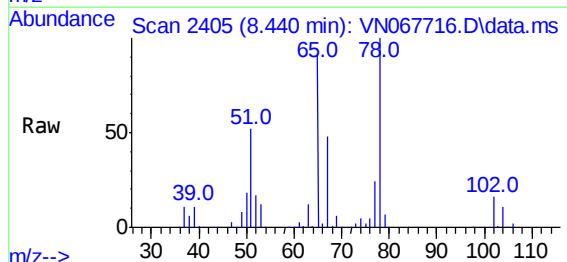
Ion	Ratio	Lower	Upper
45	100		
43	56.1	49.4	74.2
87	30.0	20.9	31.3
59	10.1	9.0	13.4

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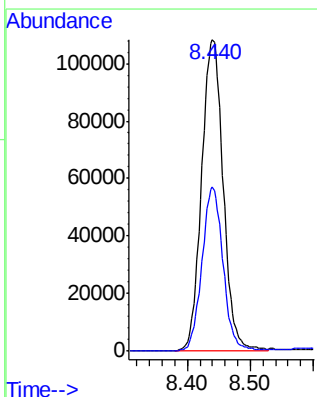
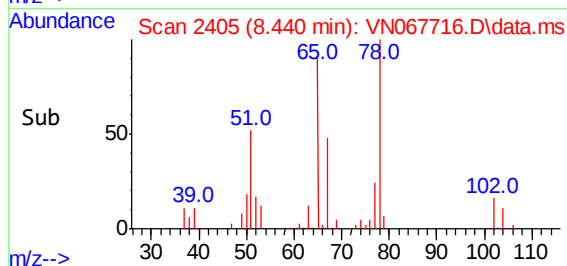


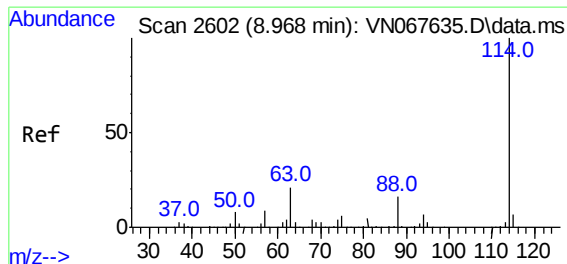
#33
1,2-Dichloroethane-d4
Concen: 51.00 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34



Tgt Ion: 65 Resp: 255842

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	98.6





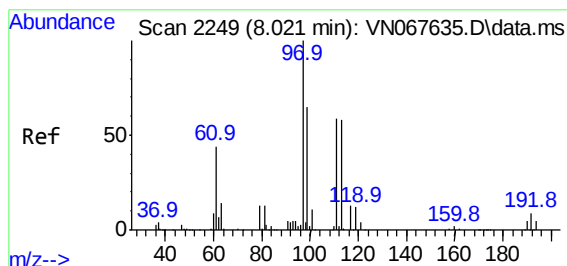
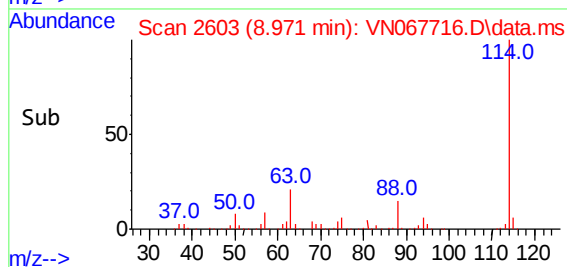
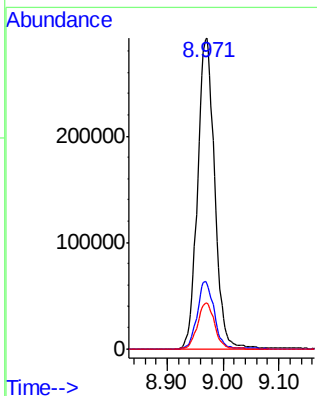
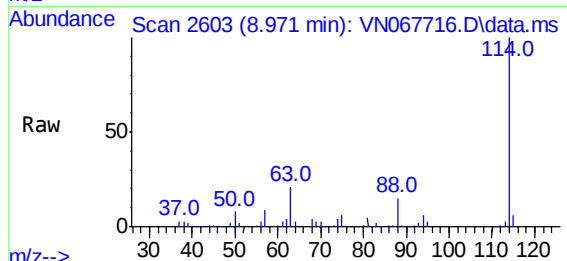
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

Tgt Ion:114 Resp: 612422
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 14.9 0.0 36.6

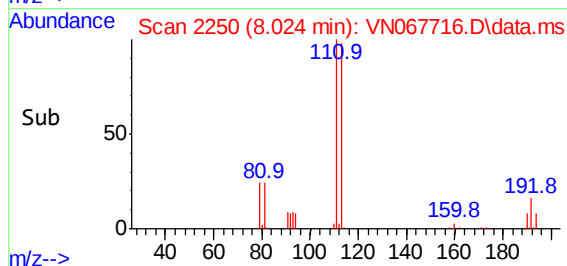
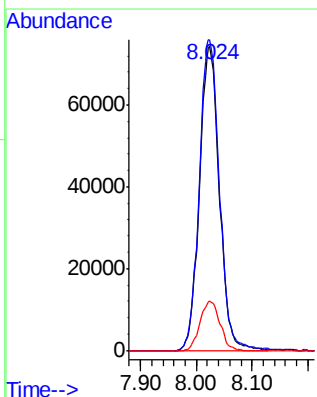
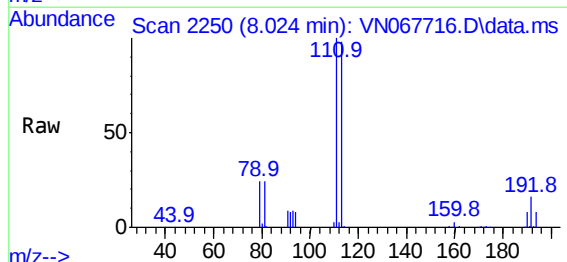
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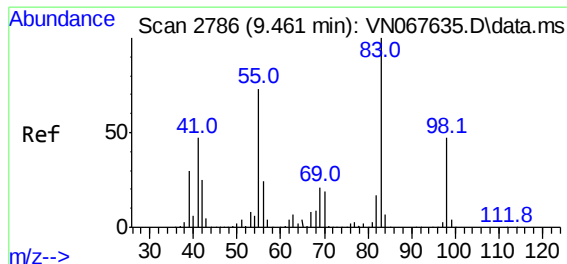
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#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion:113 Resp: 181626
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 16.3 13.4 20.0





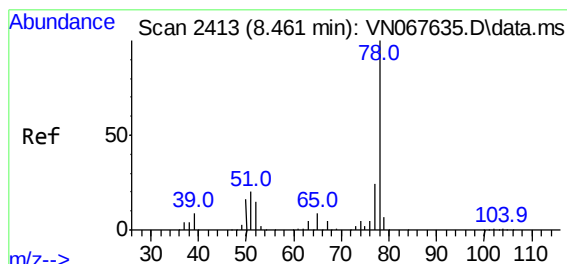
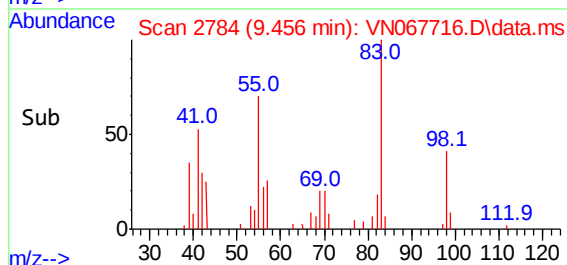
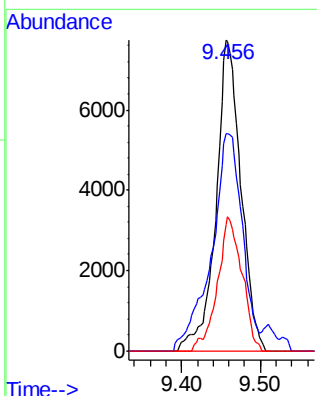
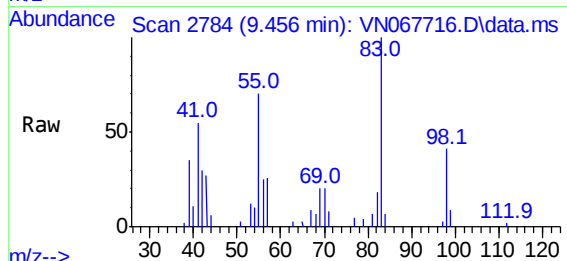
#39
Methylcyclohexane
Concen: 2.74 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

Tgt Ion: 83 Resp: 17062
Ion Ratio Lower Upper
83 100
55 67.3 66.6 99.8
98 40.7 35.3 52.9

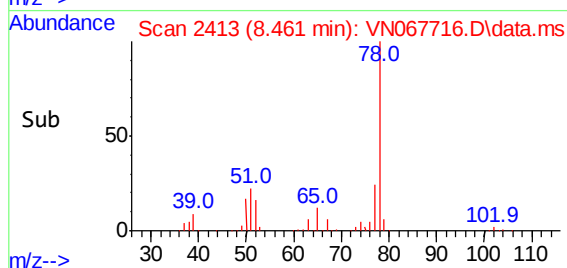
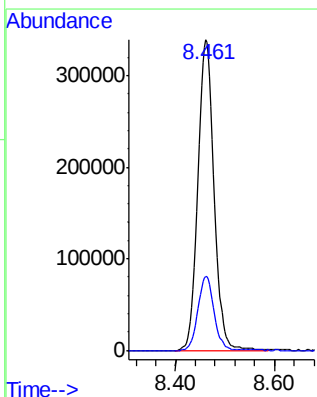
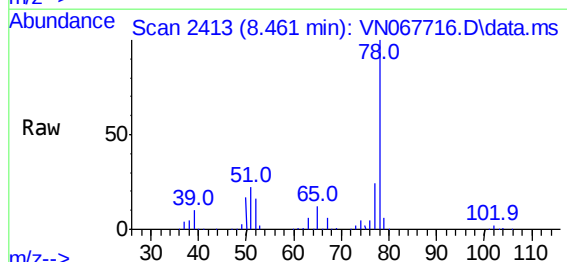
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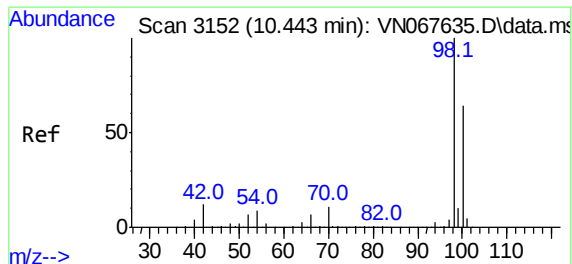
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#40
Benzene
Concen: 46.10 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion: 78 Resp: 785088
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3





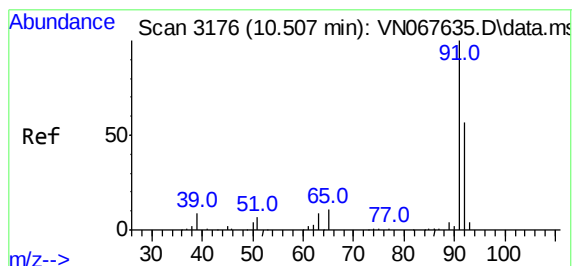
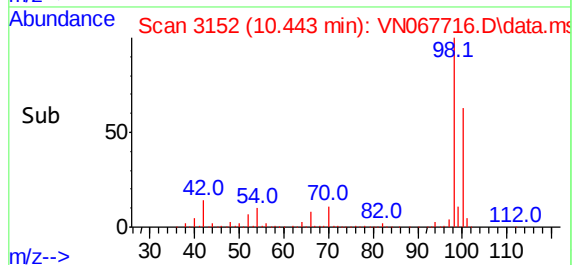
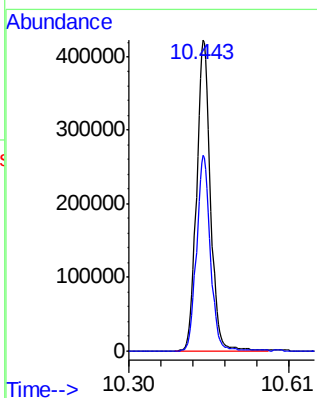
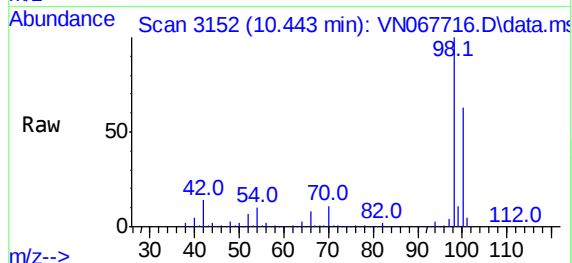
#50
Toluene-d8
Concen: 51.29 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 98 Resp: 794303
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5

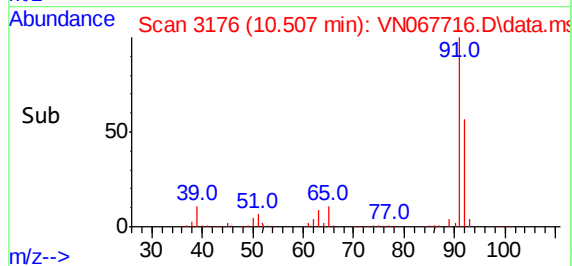
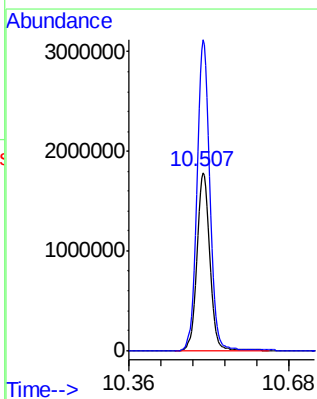
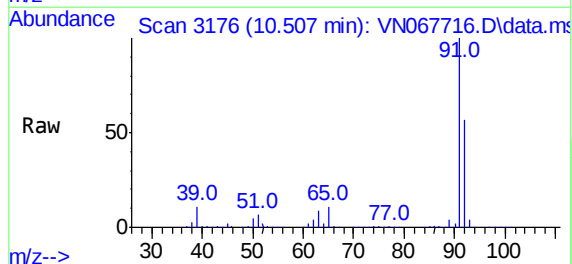
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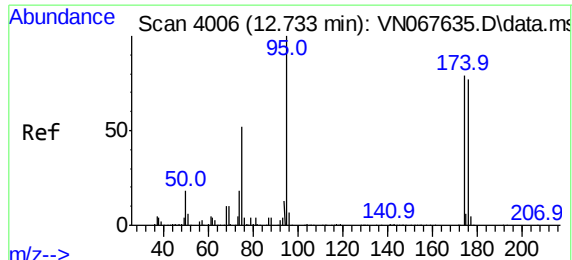
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#52
Toluene
Concen: 295.04 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

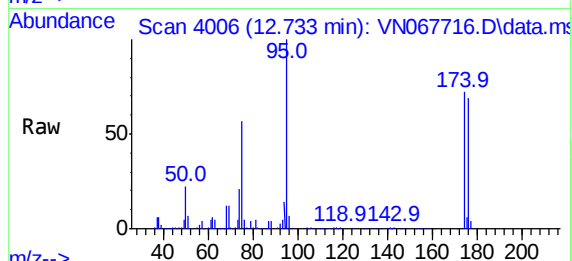
Tgt Ion: 92 Resp: 3291051
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 53.47 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

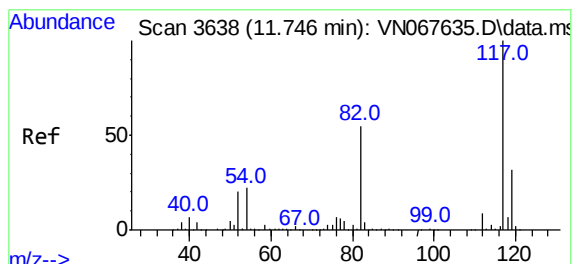
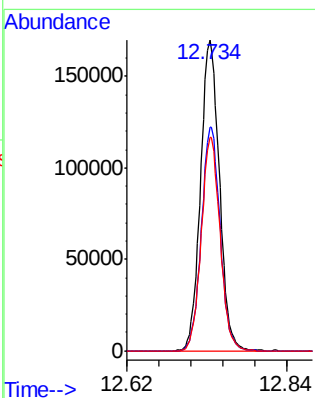
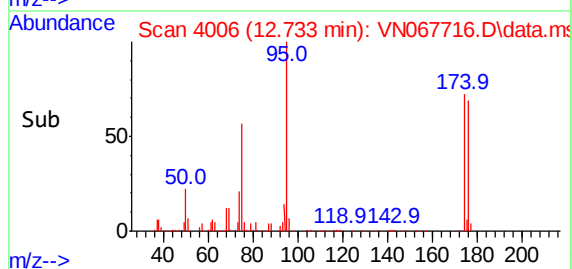
Instrument :
MSVOA_N
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33262DL2



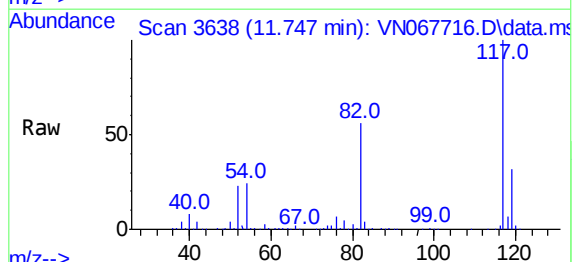
Tgt Ion: 95 Resp: 292536
Ion Ratio Lower Upper
95 100
174 71.5 0.0 122.0
176 68.6 0.0 117.6

Manual Integrations
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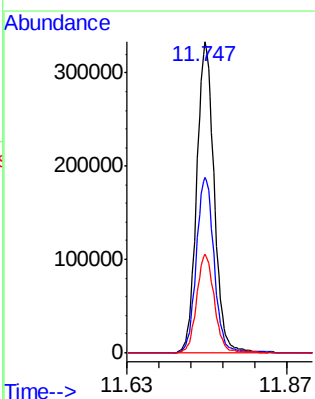
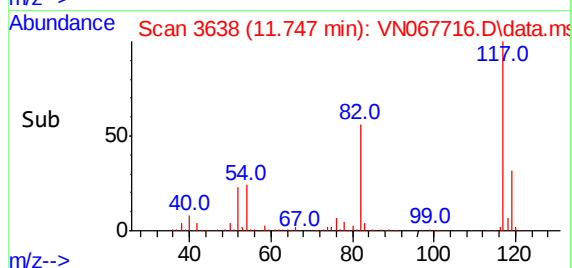
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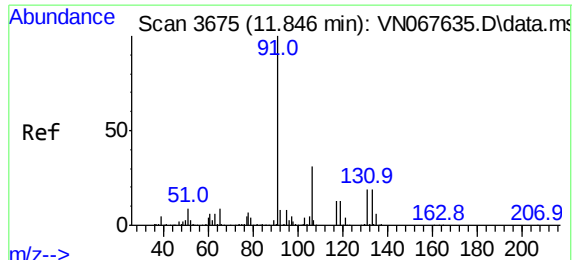


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34



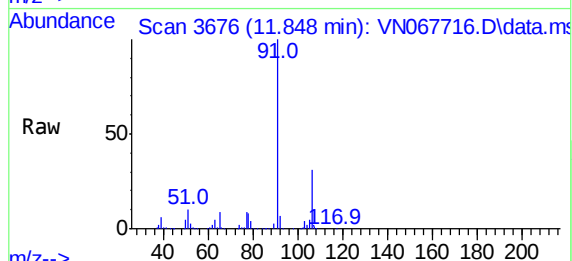
Tgt Ion: 117 Resp: 614234
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.8 25.5 38.3





#67
Ethyl Benzene
Concen: 18.08 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

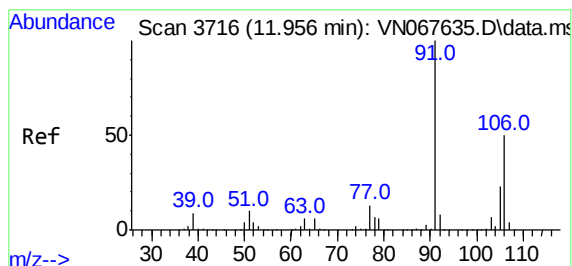
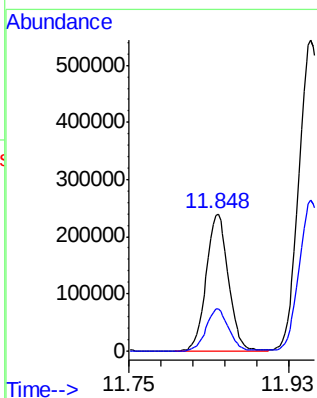
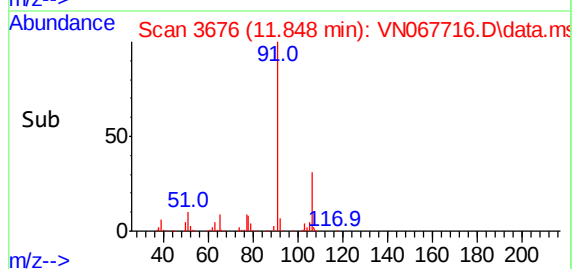
Instrument :
MSVOA_N
ClientSampleId :
33262DL2



Tgt Ion: 91 Resp: 415201
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.0

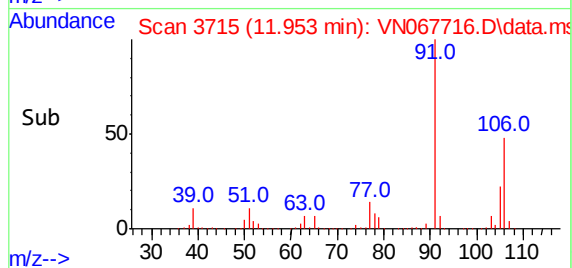
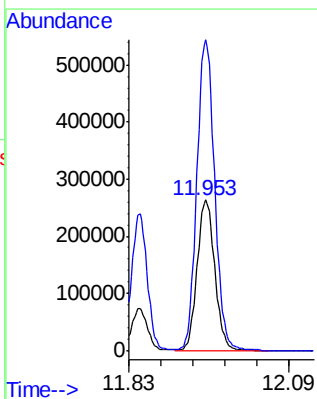
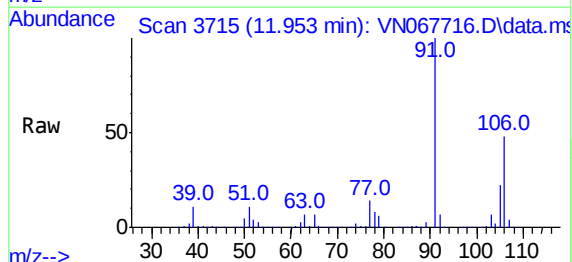
Manual Integrations
APPROVED

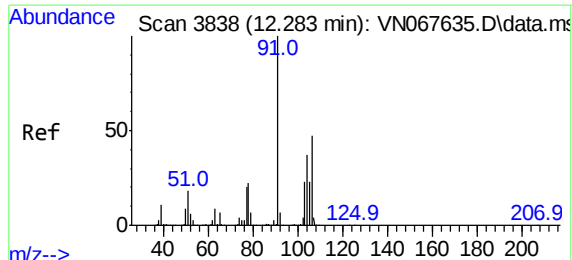
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#68
m/p-Xylenes
Concen: 58.60 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion: 106 Resp: 508987
Ion Ratio Lower Upper
106 100
91 207.3 180.6 270.8





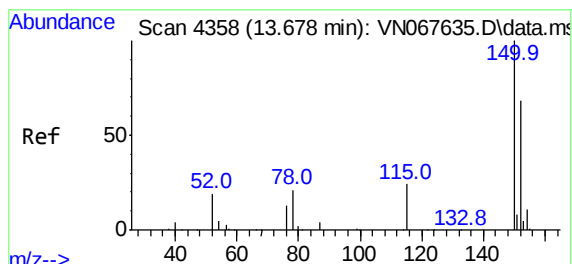
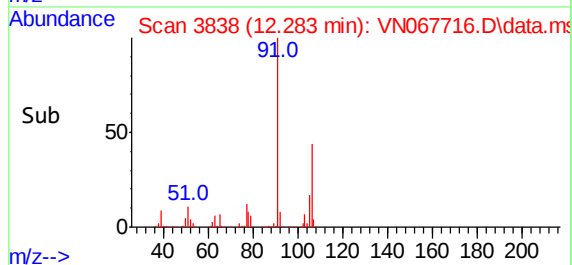
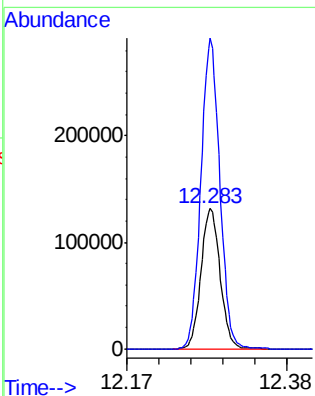
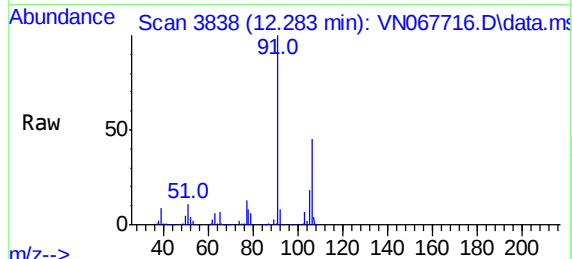
#69
o-Xylene
Concen: 26.51 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion:106 Resp: 226392
Ion Ratio Lower Upper
106 100
91 219.3 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

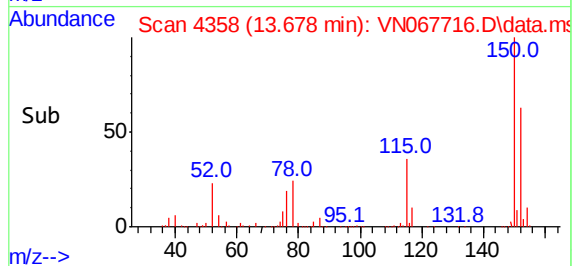
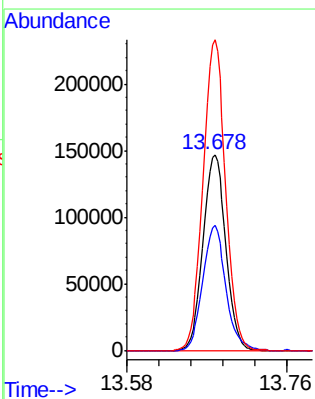
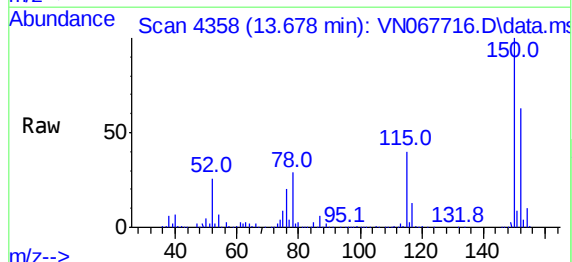
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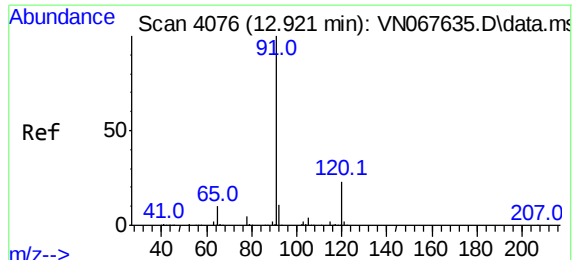
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion:152 Resp: 253616
Ion Ratio Lower Upper
152 100
115 65.1 36.1 108.5
150 157.3 0.0 351.8



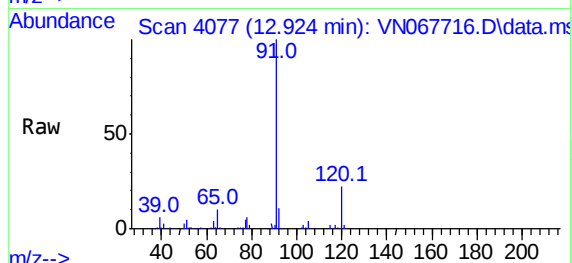


#78
n-propylbenzene
Concen: 3.17 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

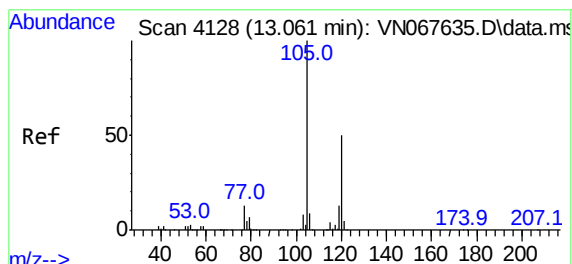
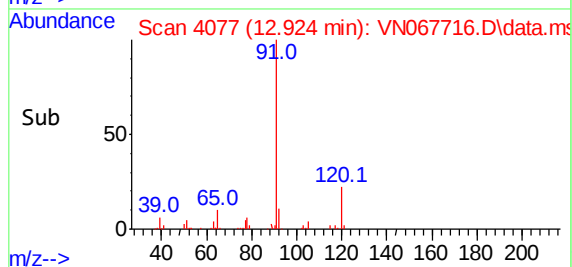
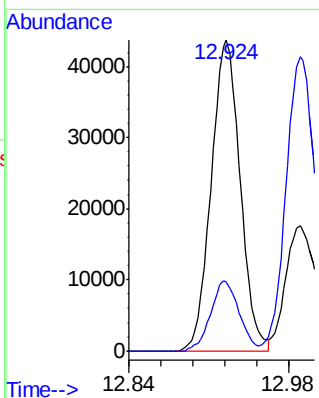
Instrument :
MSVOA_N
ClientSampleId :
33262DL2

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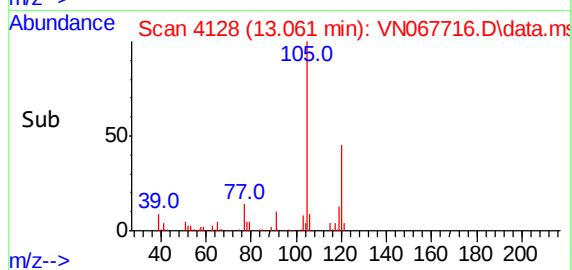
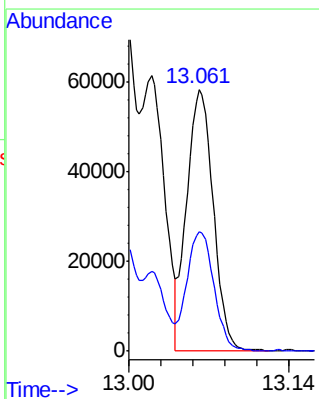
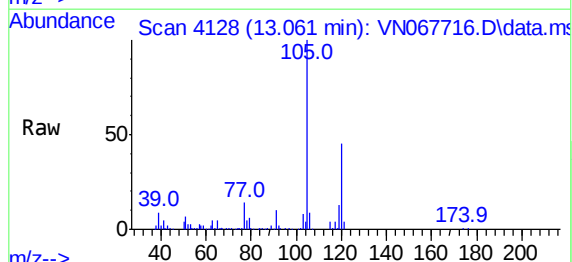


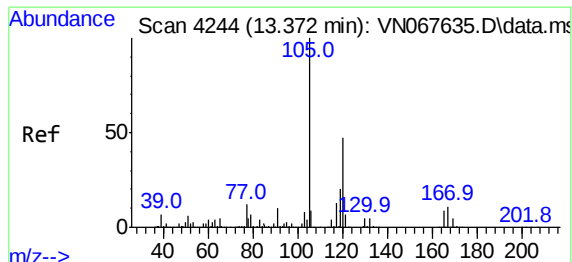
Tgt Ion: 91 Resp: 73453
Ion Ratio Lower Upper
91 100
120 22.1 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 5.78 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion: 105 Resp: 95801
Ion Ratio Lower Upper
105 100
120 46.6 22.2 66.6





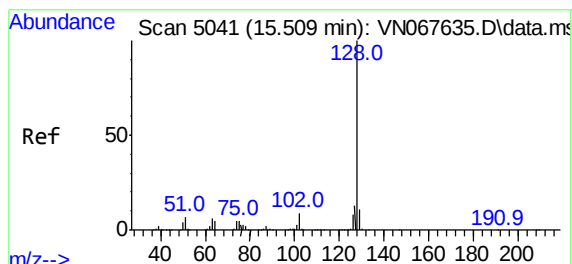
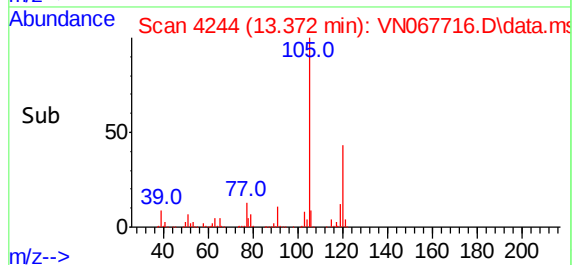
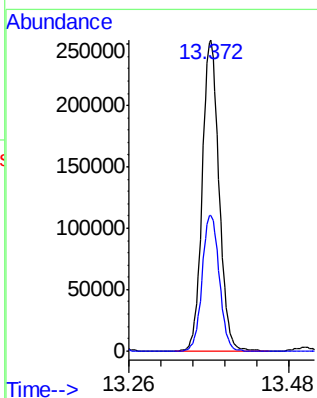
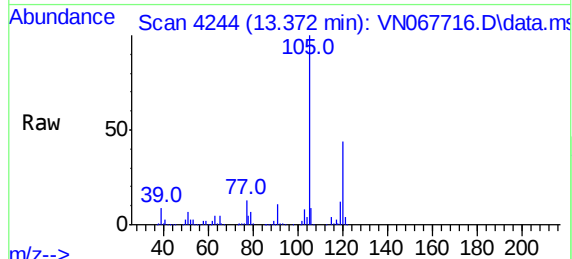
#84
1,2,4-Trimethylbenzene
Concen: 25.61 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion:105 Resp: 416020
Ion Ratio Lower Upper
105 100
120 44.6 20.6 61.8

Instrument :
MSVOA_N
ClientSampleId :
33262DL2

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#95
Naphthalene
Concen: 6.15 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067716.D
Acq: 13 Jul 2021 14:34

Tgt Ion:128 Resp: 41463
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 4.3 8.6 12.8#

