

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067562.D
 Acq On : 29 Jun 2021 18:54
 Operator : JC/MD
 Sample : M2806-02DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Manual Integrations
 APPROVED

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Quant Time: Jun 30 03:40:37 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	176291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	328668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	319227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	135228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	131522	54.512	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.020%			
35) Dibromofluoromethane	8.024	113	95519	46.875	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.760%			
50) Toluene-d8	10.443	98	445320	53.797	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.733	95	148561	51.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.760%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.848	91	28479	2.409	ug/l	95
68) m/p-Xylenes	11.964	106	9787	2.150	ug/l	88
73) Isopropylbenzene	12.581	105	55557	4.886	ug/l	100
78) n-propylbenzene	12.924	91	104031	8.208	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	14652	1.572	ug/l	97
83) tert-Butylbenzene	13.324	119	4541	0.562	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	357827	38.997	ug/l	97
85) sec-Butylbenzene	13.503	105	21729	1.955	ug/l #	79
86) p-Isopropyltoluene	13.619	119	4518m	0.505	ug/l	
89) n-Butylbenzene	13.940	91	8751	1.187	ug/l #	84
95) Naphthalene	15.509	128	9709	4.546	ug/l #	92

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

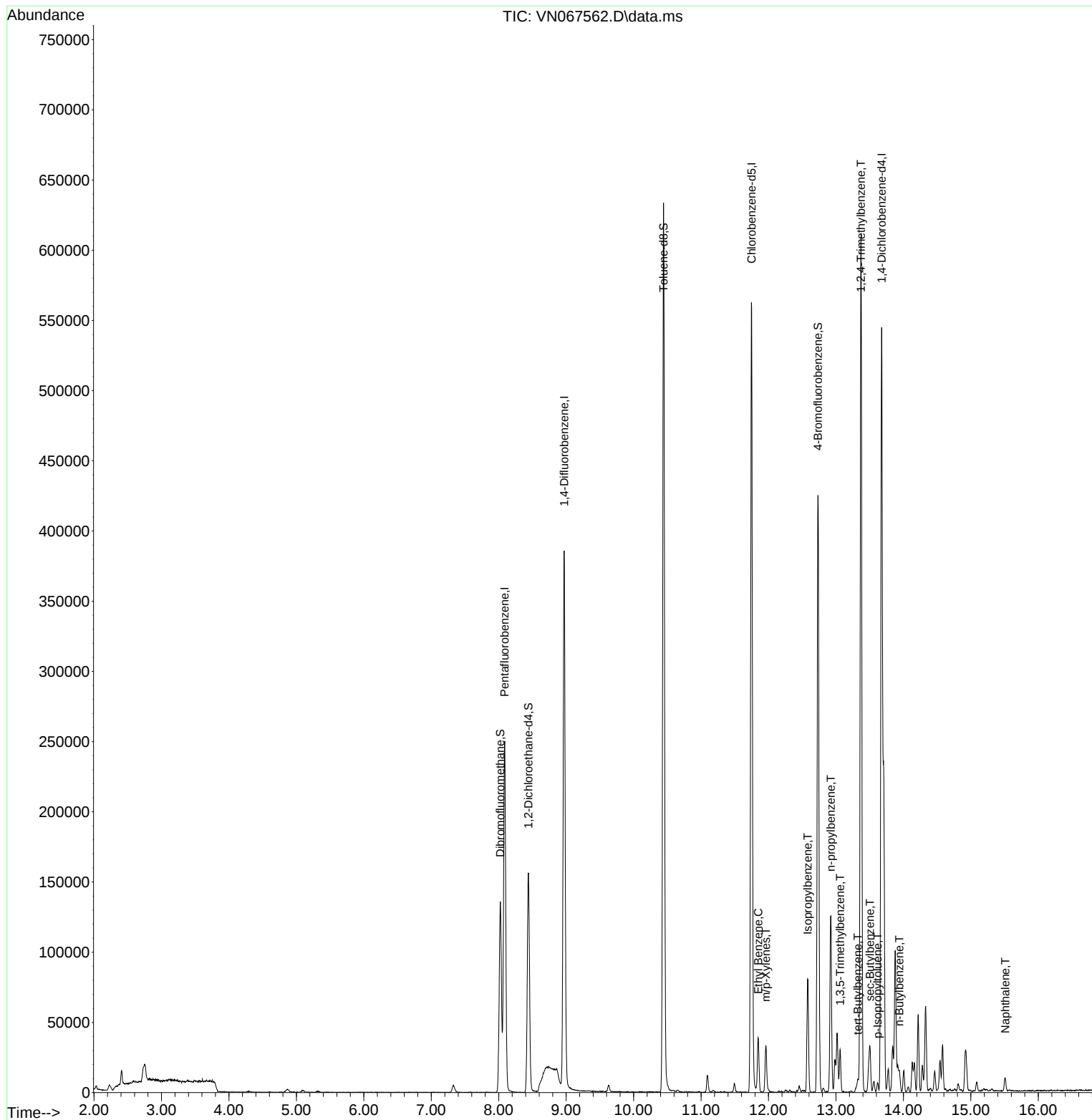
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Data File : VN067562.D
Acq On : 29 Jun 2021 18:54
Operator : JC/MD
Sample : M2806-02DL 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

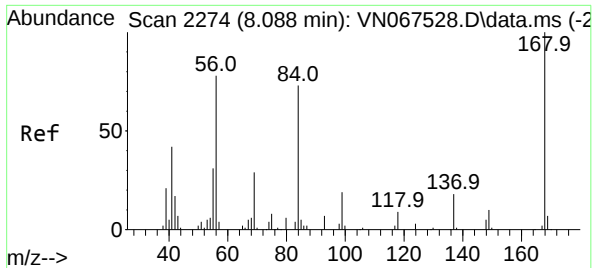
Instrument :
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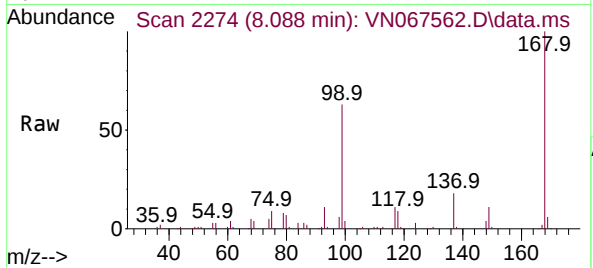
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

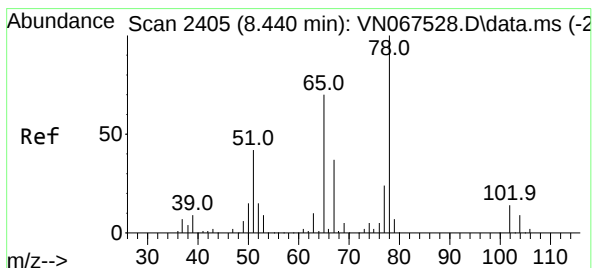
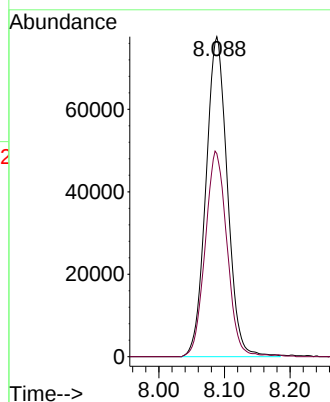
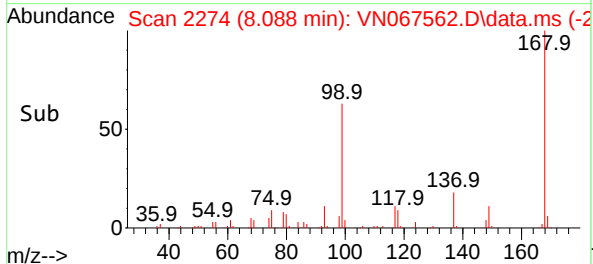
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



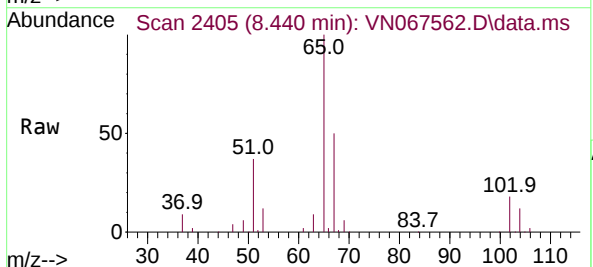
Tgt Ion:168 Resp: 176291
Ion Ratio Lower Upper
168 100
99 63.4 62.9 94.3

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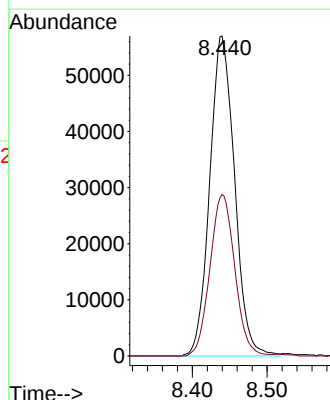
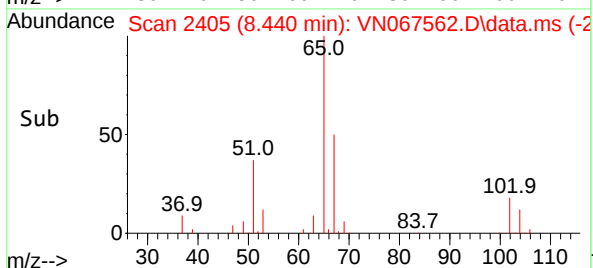
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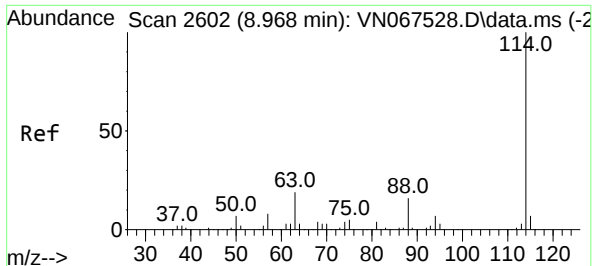


#33
1,2-Dichloroethane-d4
Concen: 54.512 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54



Tgt Ion: 65 Resp: 131522
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6





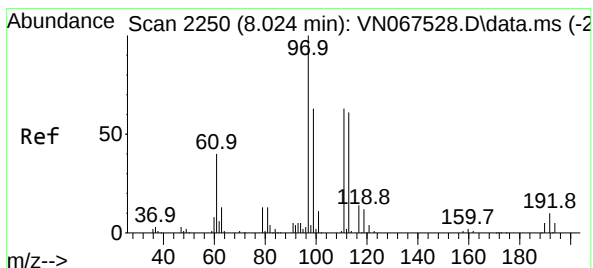
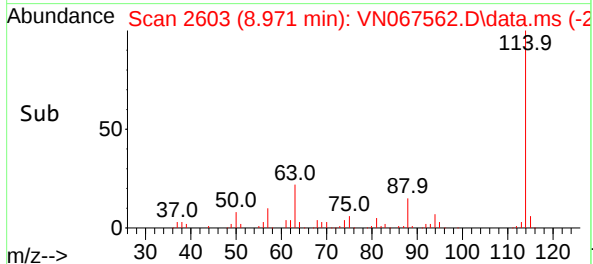
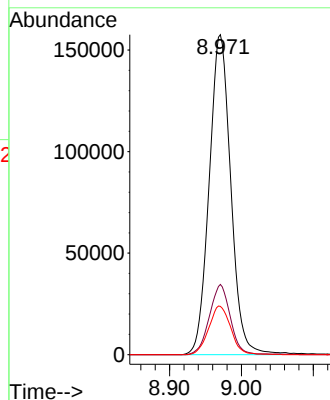
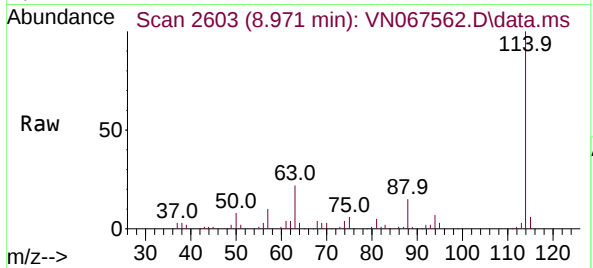
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 328668
Ion Ratio Lower Upper
114 100
63 21.9 0.0 49.0
88 15.1 0.0 36.6

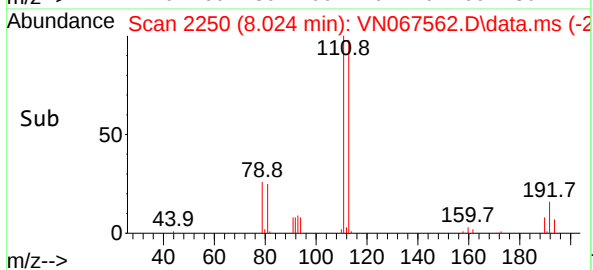
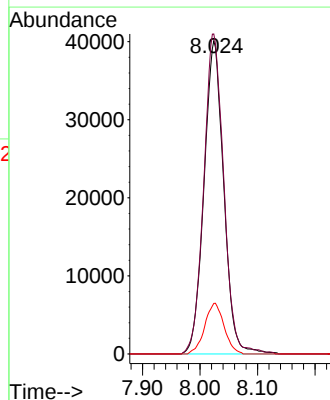
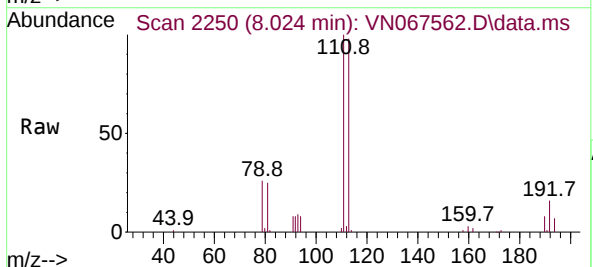
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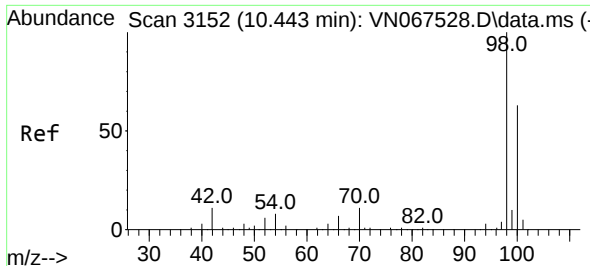
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#35
Dibromofluoromethane
Concen: 46.875 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

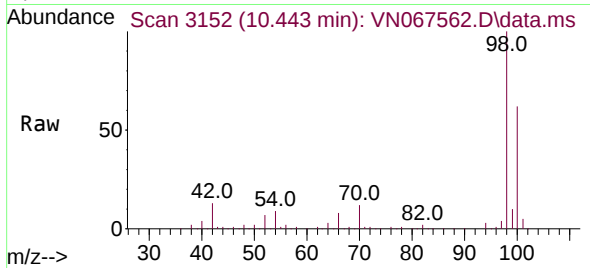
Tgt Ion:113 Resp: 95519
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 15.9 13.4 20.0





#50
Toluene-d8
Concen: 53.797 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

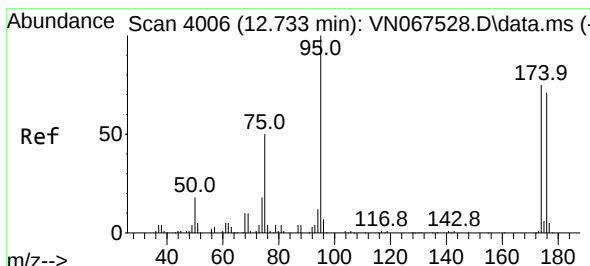
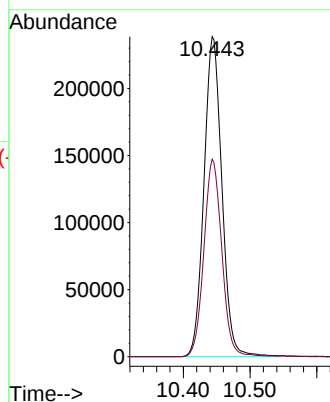
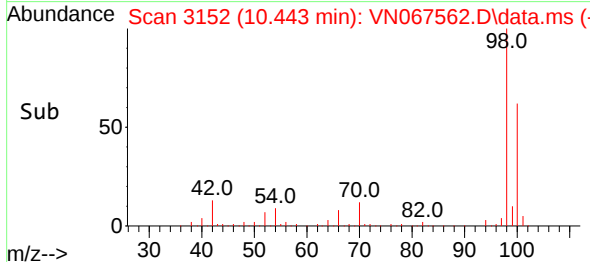
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



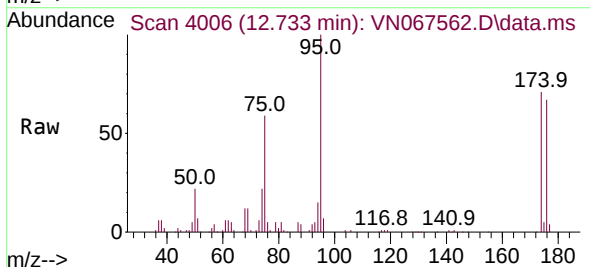
Tgt Ion: 98 Resp: 445320
Ion Ratio Lower Upper
98 100
100 61.7 51.7 77.5

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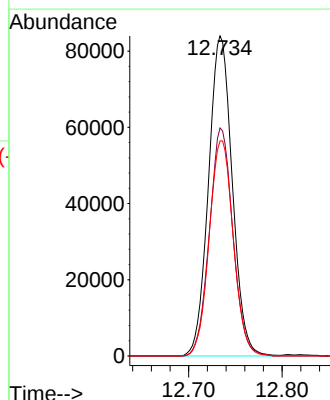
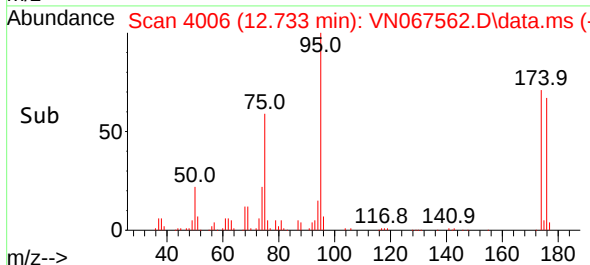
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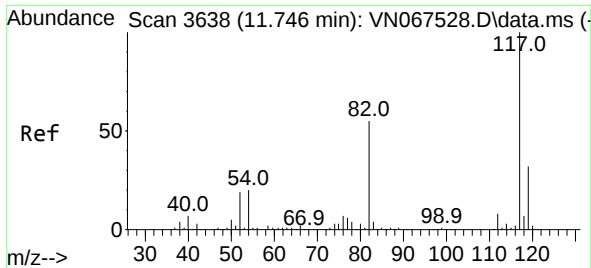


#62
4-Bromofluorobenzene
Concen: 51.380 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54



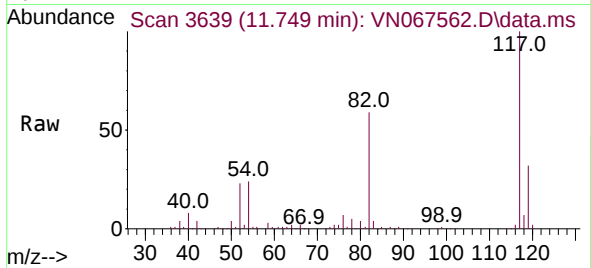
Tgt Ion: 95 Resp: 148561
Ion Ratio Lower Upper
95 100
174 70.3 0.0 122.0
176 68.0 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

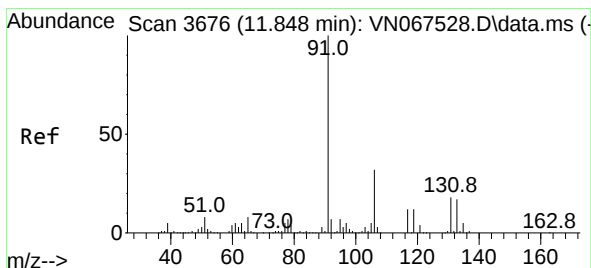
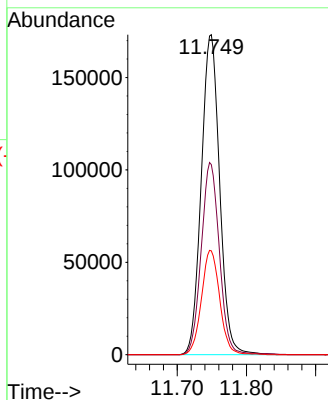
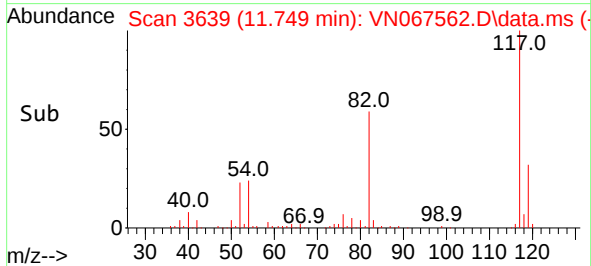
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



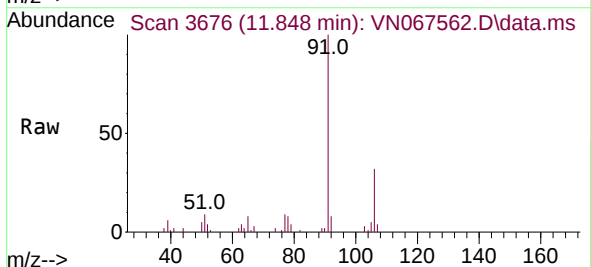
Tgt Ion:117 Resp: 319227
Ion Ratio Lower Upper
117 100
82 59.4 53.1 79.7
119 32.4 25.5 38.3

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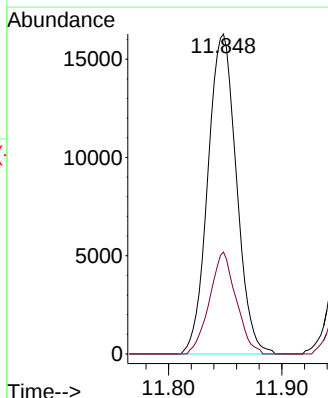
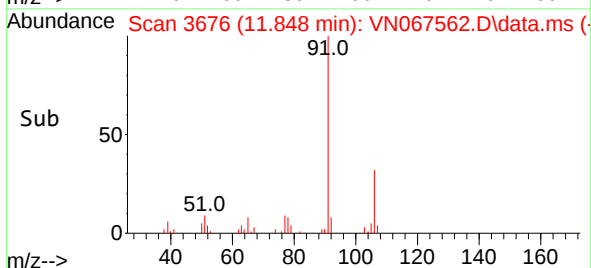
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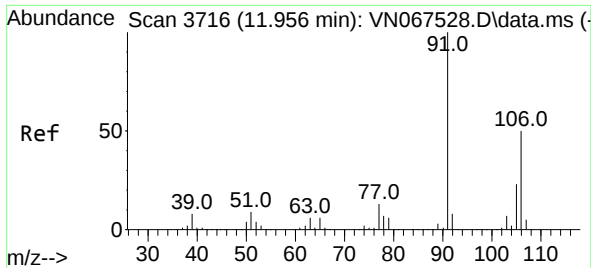


#67
Ethyl Benzene
Concen: 2.409 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54



Tgt Ion: 91 Resp: 28479
Ion Ratio Lower Upper
91 100
106 31.9 23.4 35.0





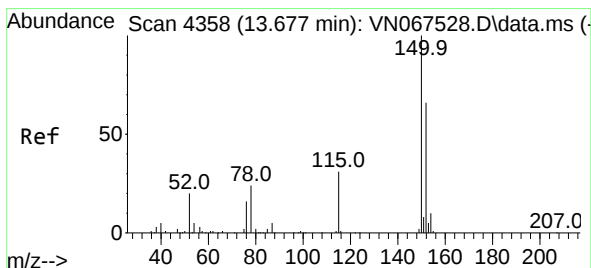
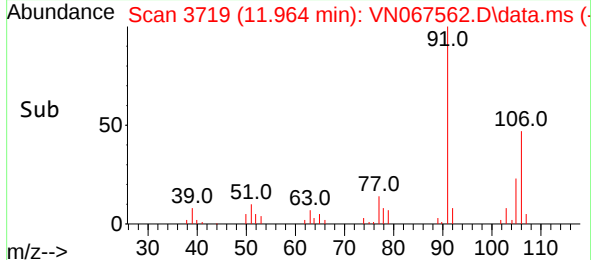
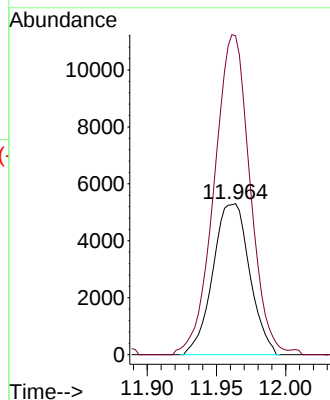
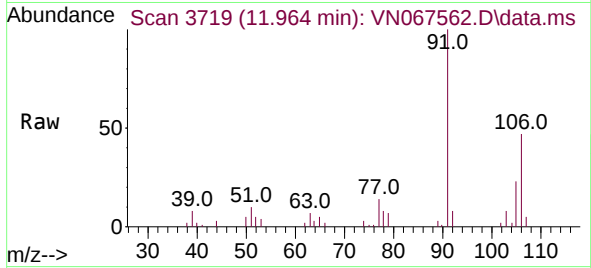
#68
m/p-Xylenes
Concen: 2.150 ug/l
RT: 11.964 min Scan# 3719
Delta R.T. 0.008 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Instrument :
MSVOA_N
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Tgt Ion:106 Resp: 9787
Ion Ratio Lower Upper
106 100
91 206.1 180.6 270.8

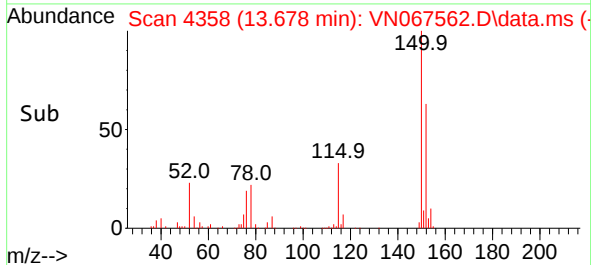
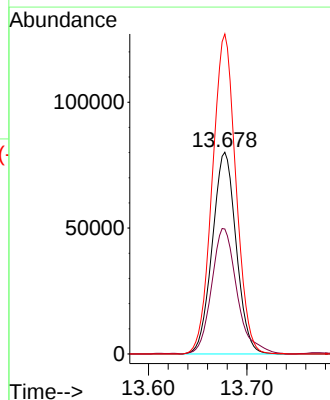
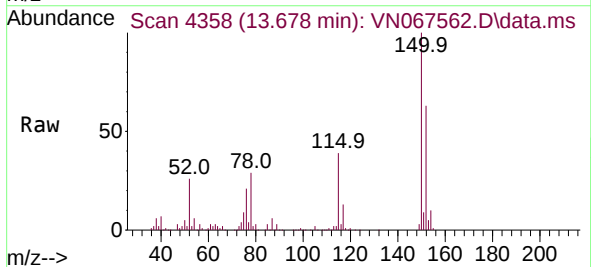
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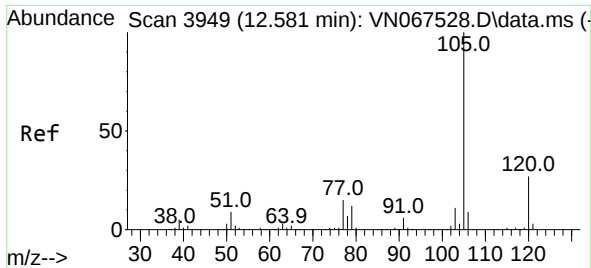
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:152 Resp: 135228
Ion Ratio Lower Upper
152 100
115 66.2 36.1 108.5
150 156.6 0.0 351.8





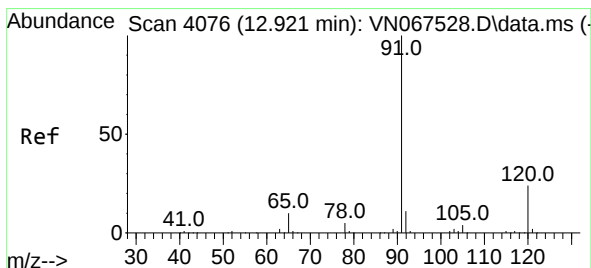
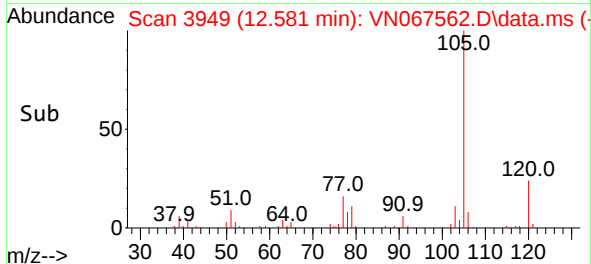
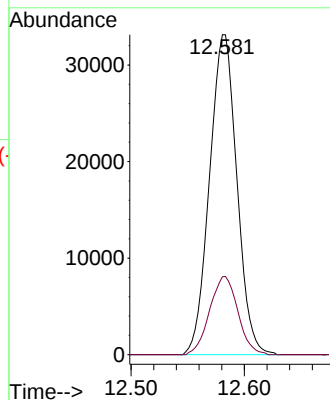
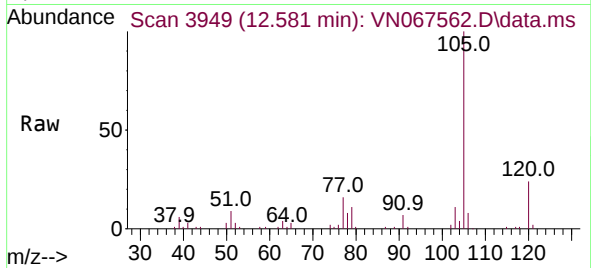
#73
Isopropylbenzene
Concen: 4.886 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion: 105 Resp: 55557
Ion Ratio Lower Upper
105 100
120 25.2 12.5 37.5

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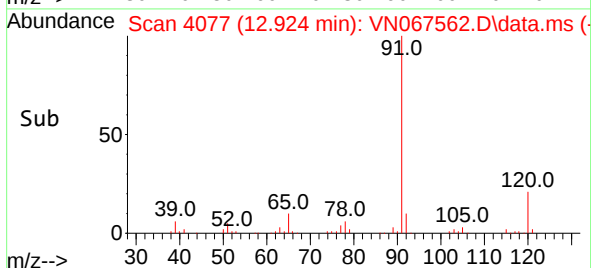
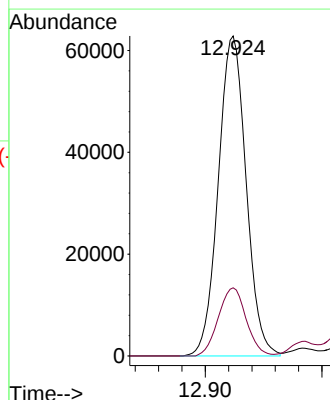
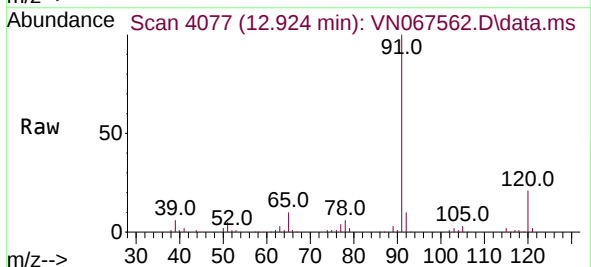
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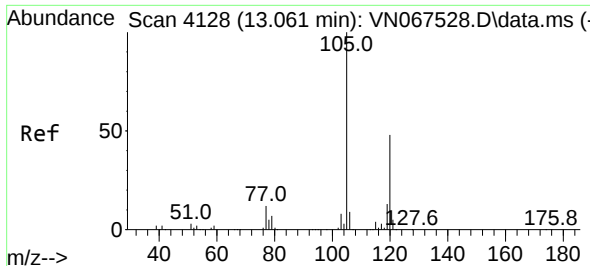
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#78
n-propylbenzene
Concen: 8.208 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion: 91 Resp: 104031
Ion Ratio Lower Upper
91 100
120 21.3 10.4 31.4





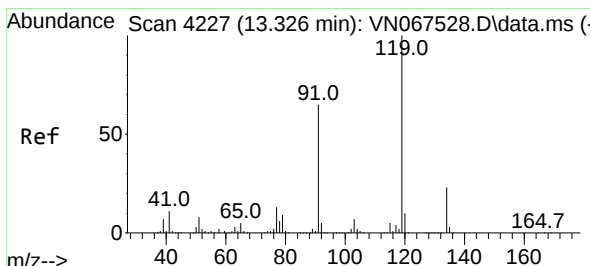
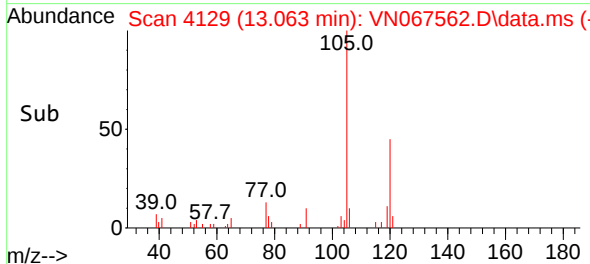
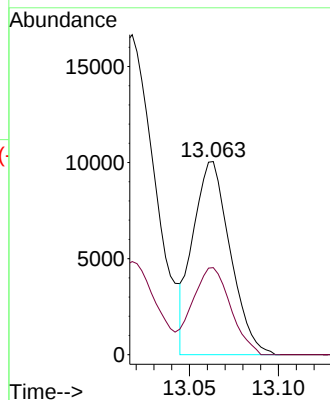
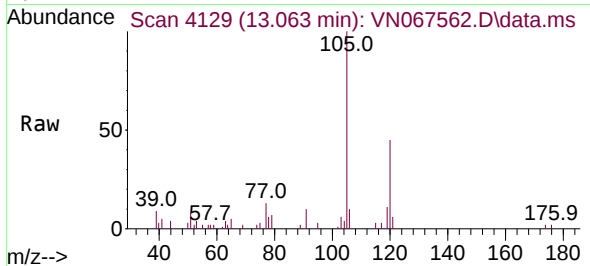
#80
1,3,5-Trimethylbenzene
Concen: 1.572 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:105 Resp: 14652
Ion Ratio Lower Upper
105 100
120 46.6 22.2 66.6

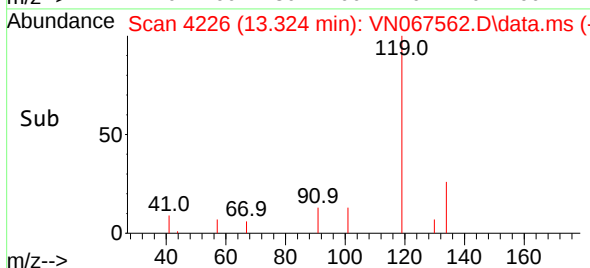
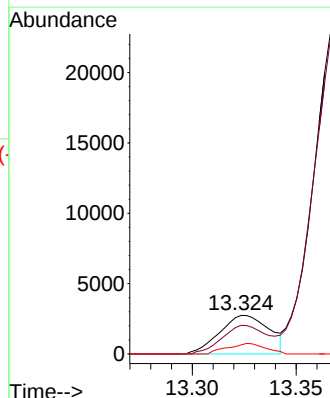
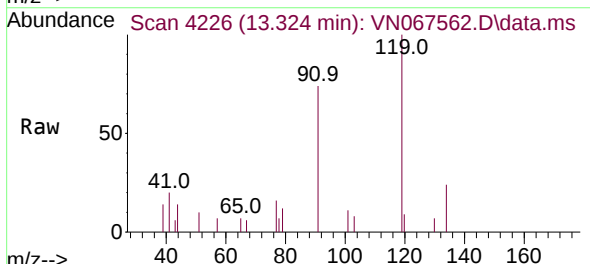
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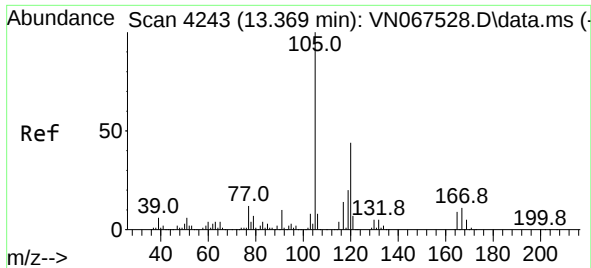
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#83
tert-Butylbenzene
Concen: 0.562 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:119 Resp: 4541
Ion Ratio Lower Upper
119 100
91 66.5 39.5 118.5
134 20.9 12.0 36.0





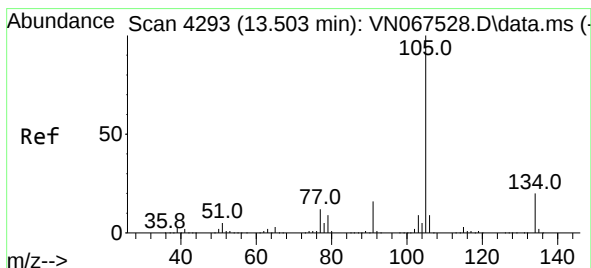
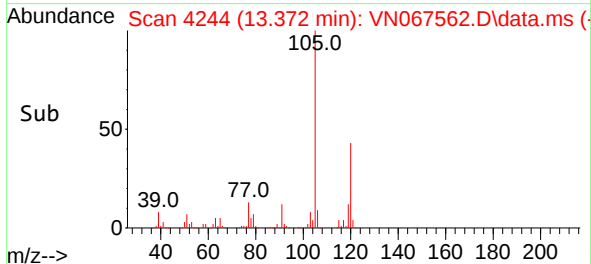
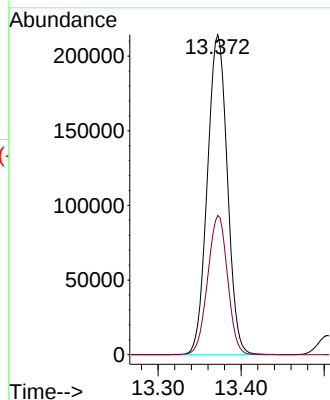
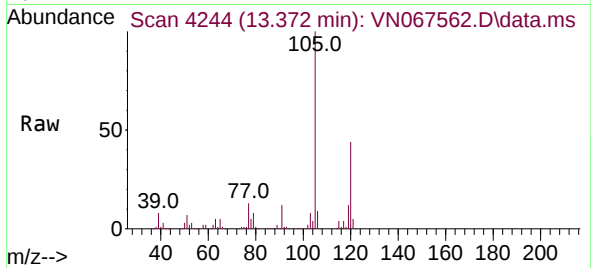
#84
1,2,4-Trimethylbenzene
Concen: 38.997 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:105 Resp: 357827
Ion Ratio Lower Upper
105 100
120 43.4 20.6 61.8

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

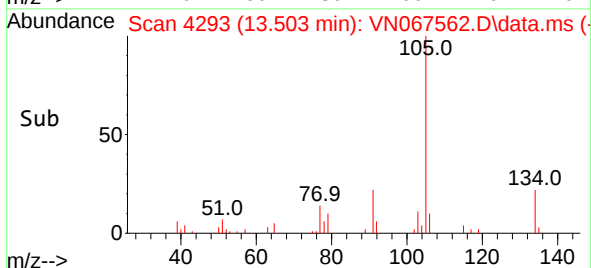
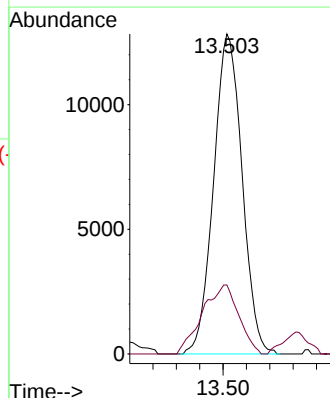
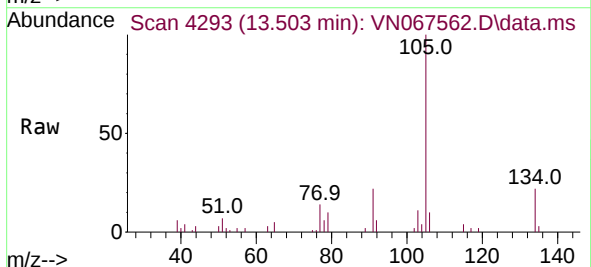
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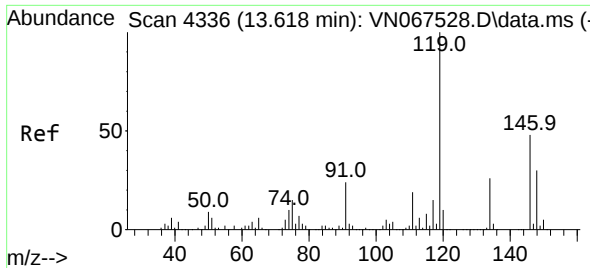
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#85
sec-Butylbenzene
Concen: 1.955 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:105 Resp: 21729
Ion Ratio Lower Upper
105 100
134 27.5 9.0 27.1#





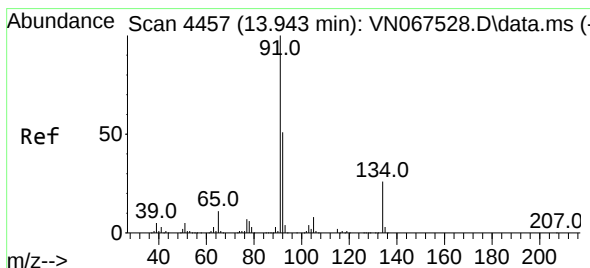
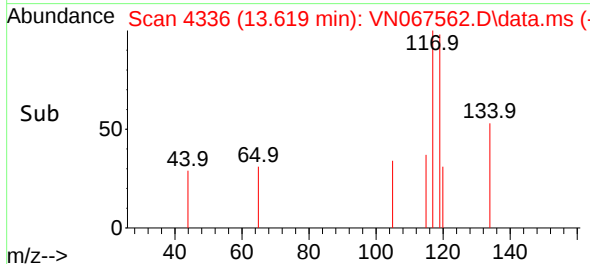
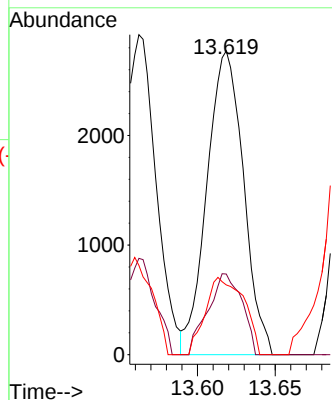
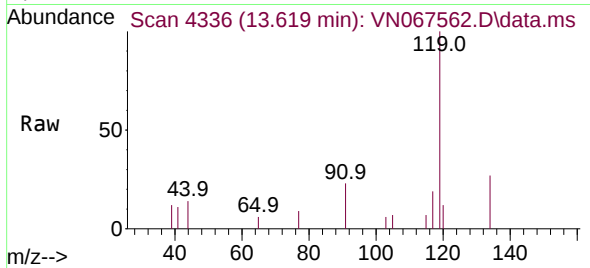
#86
p-Isopropyltoluene
Concen: 0.505 ug/l m
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:	119	Resp:	4518
Ion	Ratio	Lower	Upper
119	100		
134	28.6	12.4	37.4
91	28.4	14.8	44.3

Instrument :
MSVOA_N
ClientSampled :
MW-2DL

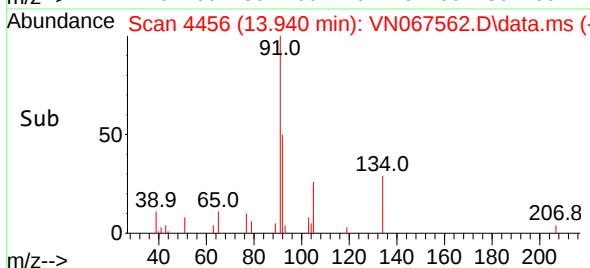
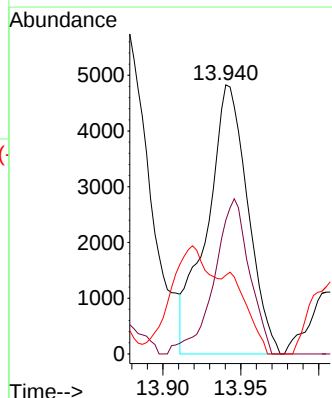
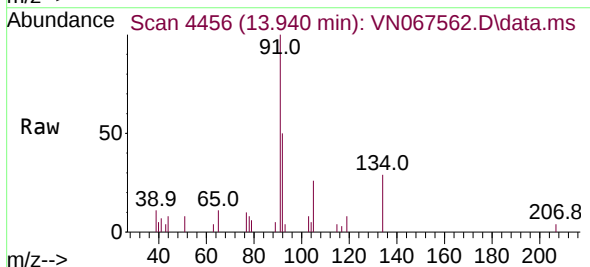
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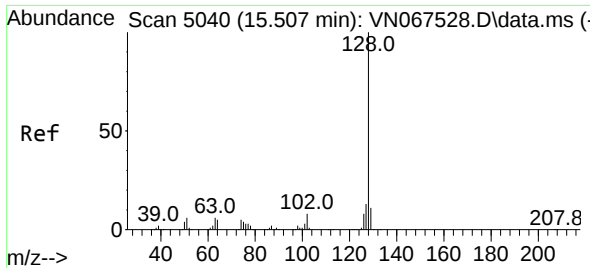
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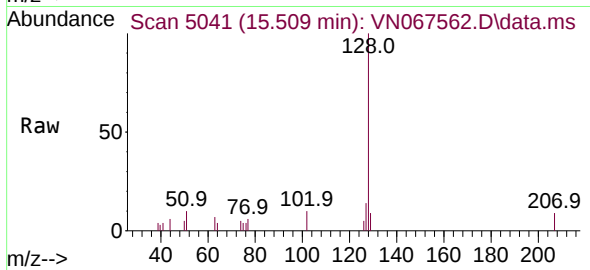
#89
n-Butylbenzene
Concen: 1.187 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54

Tgt Ion:	91	Resp:	8751
Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.7	77.1
134	0.0	11.2	33.6#

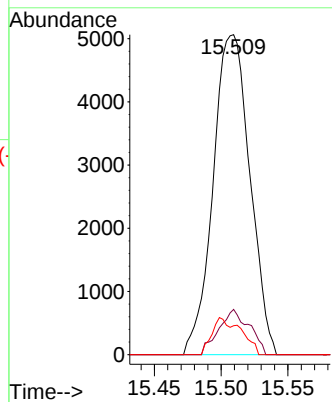
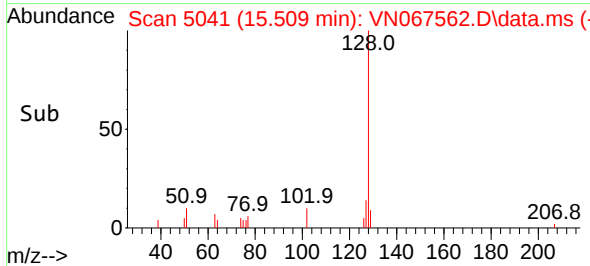




#95
Naphthalene
Concen: 4.546 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067562.D
Acq: 29 Jun 2021 18:54



Tgt Ion:128 Resp: 9709
Ion Ratio Lower Upper
128 100
127 11.7 10.6 15.8
129 5.4 8.6 12.8#



Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Manual Integrations
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