

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065631.D
 Acq On : 27 Jan 2021 15:48
 Operator : JC/MD
 Sample : M1190-08DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41709DL

Manual Integrations
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Quant Time: Jan 28 02:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	217368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	372301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	329758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	127980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	136530	47.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.48%		
35) Dibromofluoromethane	7.550	113	107503	48.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.46%		
50) Toluene-d8	10.058	98	468565	54.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.06%		
62) 4-Bromofluorobenzene	12.373	95	160856	51.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.02%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	11139	10.01	ug/l	98
19) Methyl tert-butyl Ether	5.004	73	3931	0.45	ug/l #	56
22) Diisopropyl ether	5.907	45	3975	0.40	ug/l #	92
39) Methylcyclohexane	9.039	83	1895	0.41	ug/l #	86
40) Benzene	8.000	78	121738	10.64	ug/l	99
52) Toluene	10.122	92	444358	65.57	ug/l	98
67) Ethyl Benzene	11.479	91	88818	6.85	ug/l	96
68) m/p-Xylenes	11.589	106	221080	47.12	ug/l	96
69) o-Xylene	11.917	106	132125	29.06	ug/l	96
73) Isopropylbenzene	12.219	105	4764	0.43	ug/l	97
78) n-propylbenzene	12.563	91	8099	0.61	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	57135	5.99	ug/l	100
84) 1,2,4-Trimethylbenzene	13.010	105	208959	21.96	ug/l	99
85) sec-Butylbenzene	13.142	105	3167m	0.29	ug/l	
86) p-Isopropyltoluene	13.261	119	3158	0.33	ug/l	96
95) Naphthalene	15.100	128	16664	5.32	ug/l #	97

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

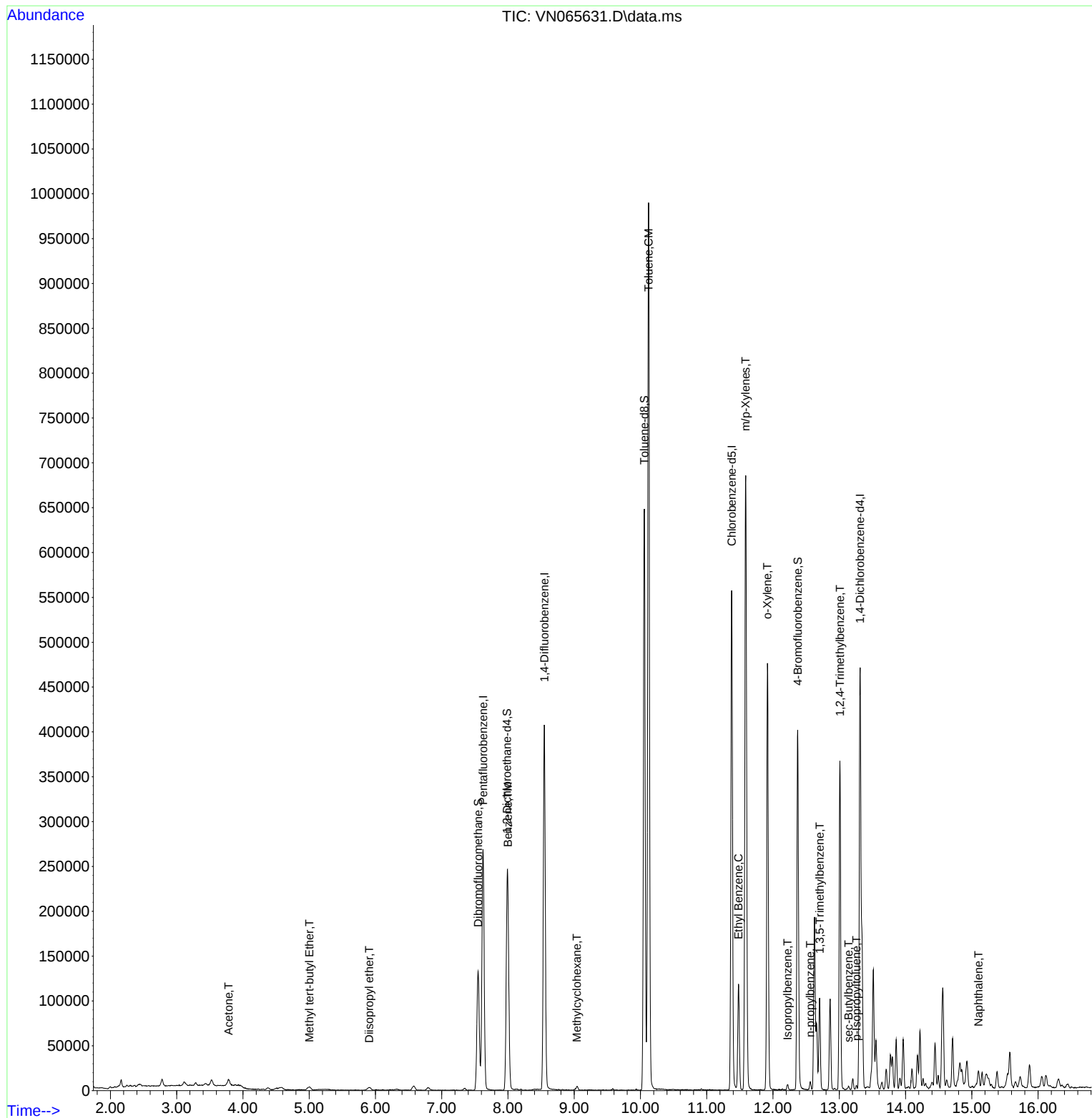
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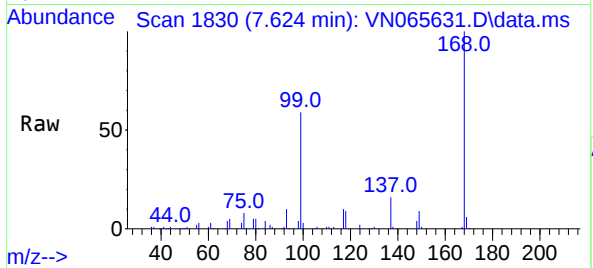
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Quant Time: Jan 28 02:14:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

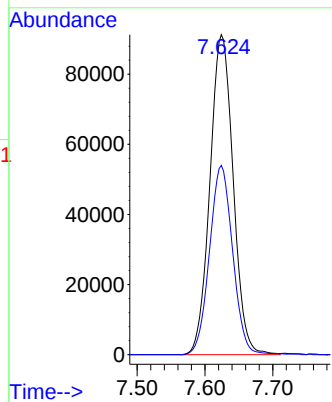
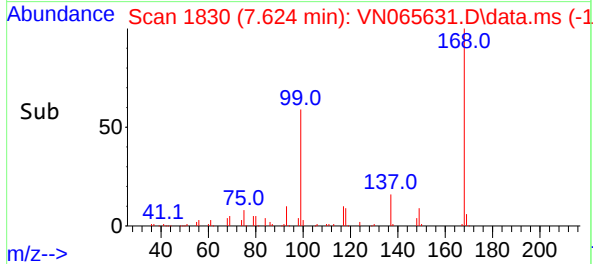




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065631.D
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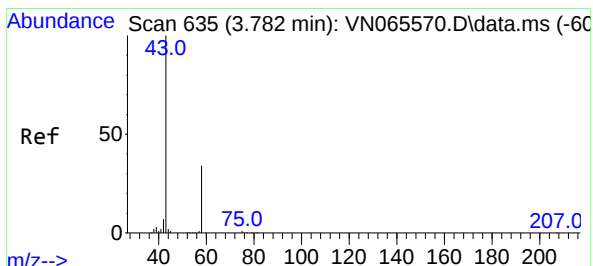
Tgt Ion:168 Resp: 217368
Ion Ratio Lower Upper
168 100
99 59.2 42.6 63.8



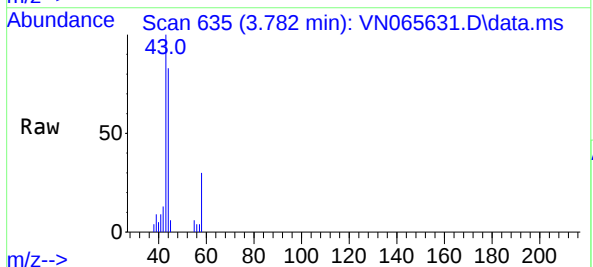
Instrument :
MSVOA_N
ClientSampleId :
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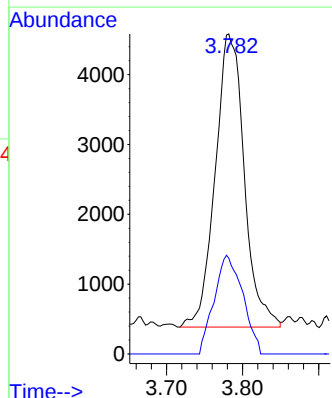
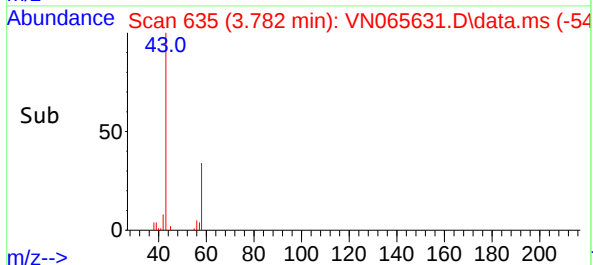
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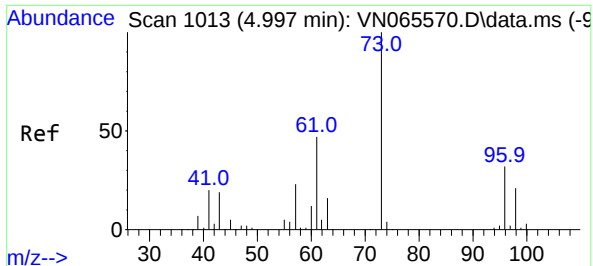


#16
Acetone
Concen: 10.01 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



Tgt Ion: 43 Resp: 11139
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.6





#19

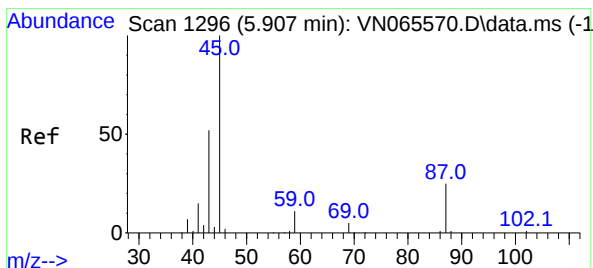
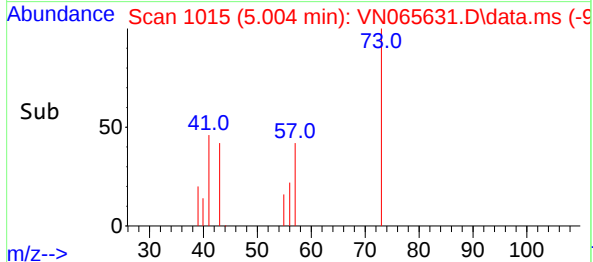
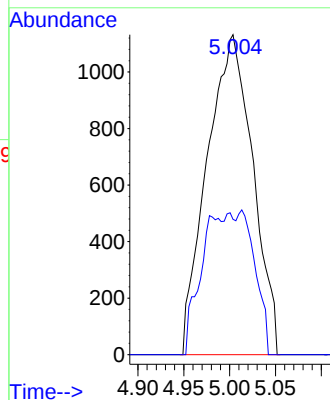
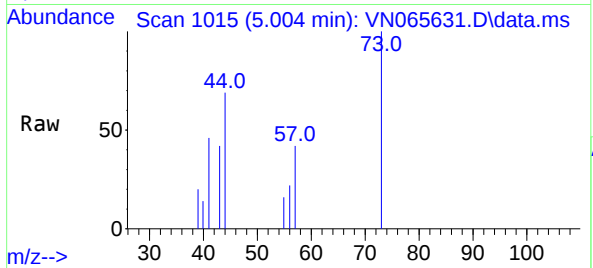
Methyl tert-butyl Ether
Concen: 0.45 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 73 Resp: 3931
Ion Ratio Lower Upper
73 100
57 42.3 17.3 25.9#

Instrument :
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ClientSampled :
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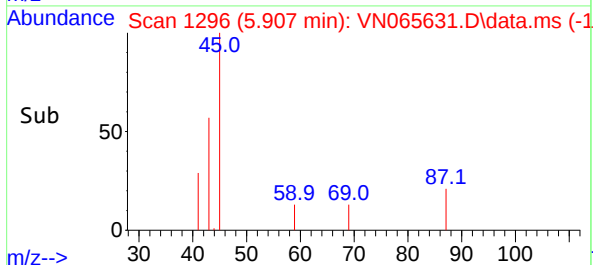
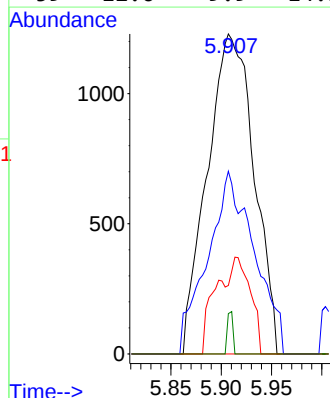
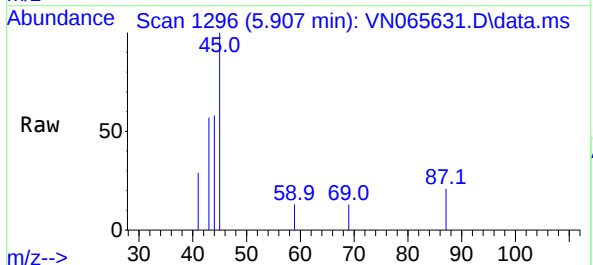
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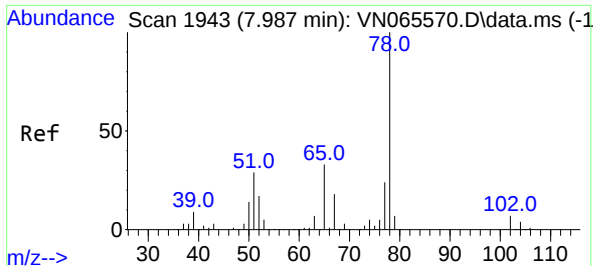


#22

Diisopropyl ether
Concen: 0.40 ug/l
RT: 5.907 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 45 Resp: 3975
Ion Ratio Lower Upper
45 100
43 57.1 48.9 73.3
87 21.4 23.7 35.5#
59 12.6 9.9 14.9





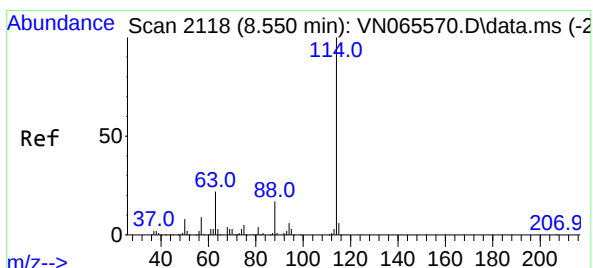
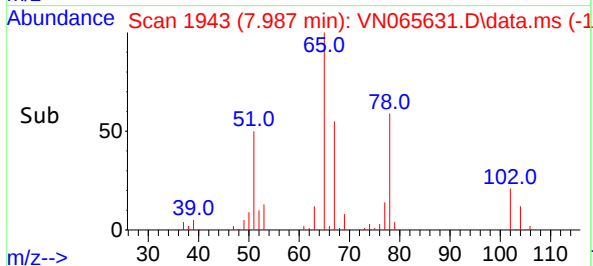
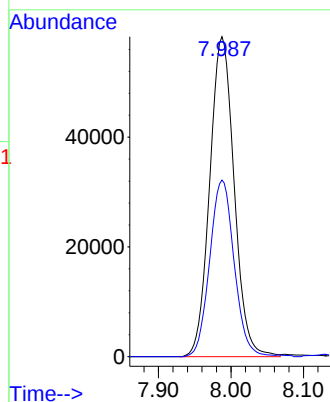
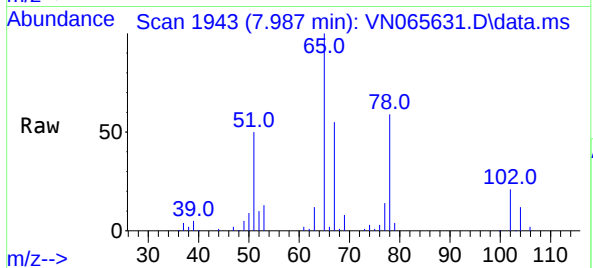
#33
1,2-Dichloroethane-d4
Concen: 47.74 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 65 Resp: 136530
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2

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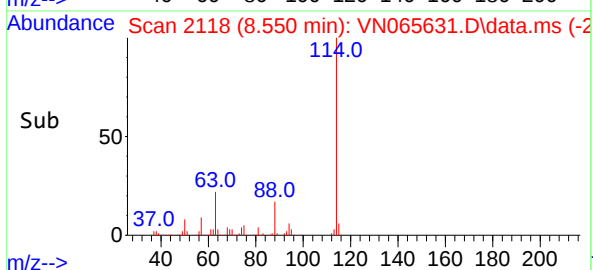
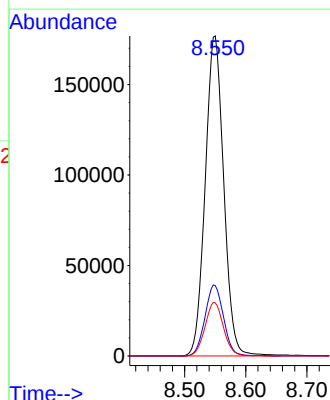
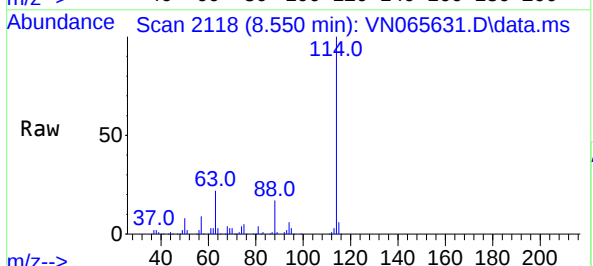
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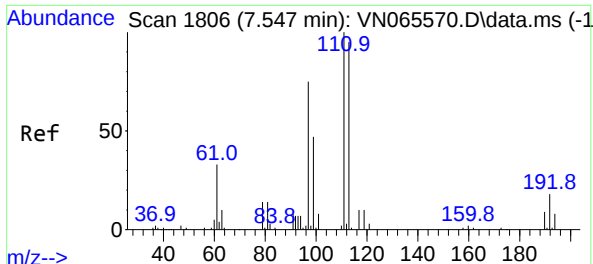
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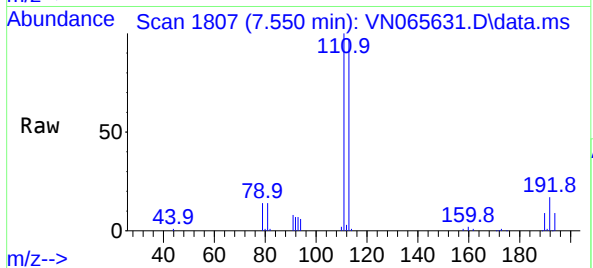
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 114 Resp: 372301
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 16.6 0.0 30.6

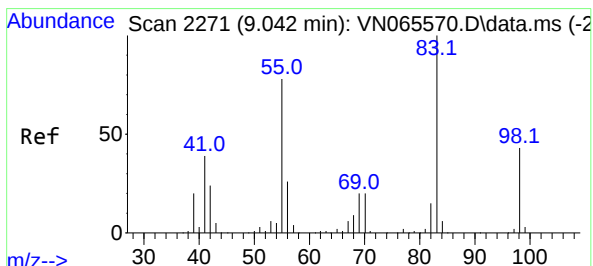
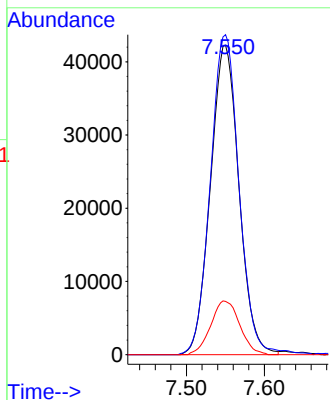
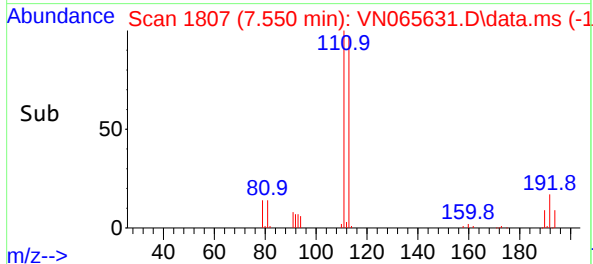




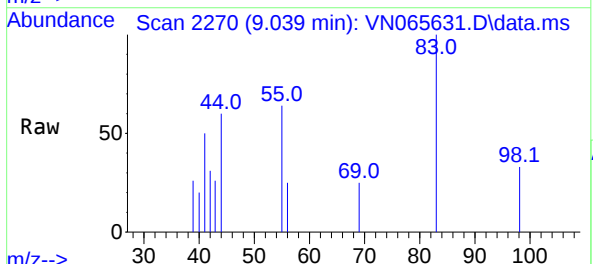
#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



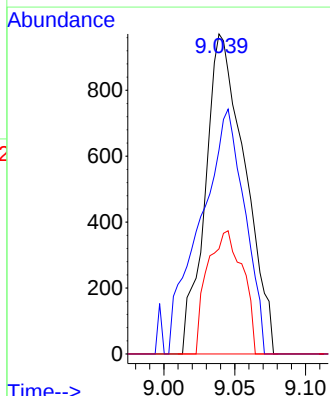
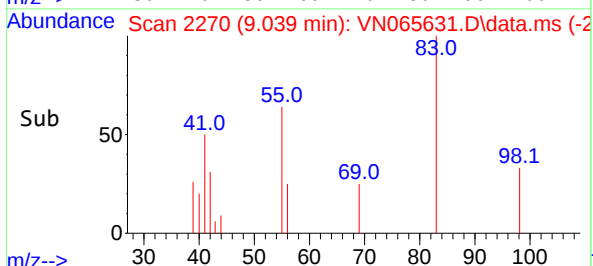
Tgt Ion: 113 Resp: 107503
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.7 15.4 23.0



#39
Methylcyclohexane
Concen: 0.41 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.003 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



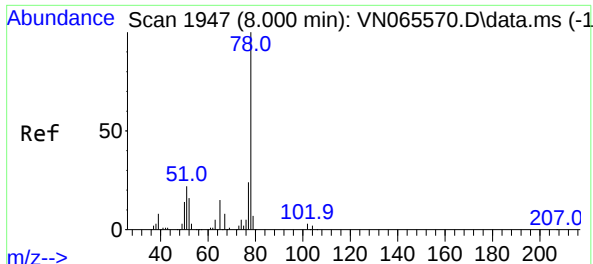
Tgt Ion: 83 Resp: 1895
Ion Ratio Lower Upper
83 100
55 63.7 58.9 88.3
98 32.9 35.9 53.9#



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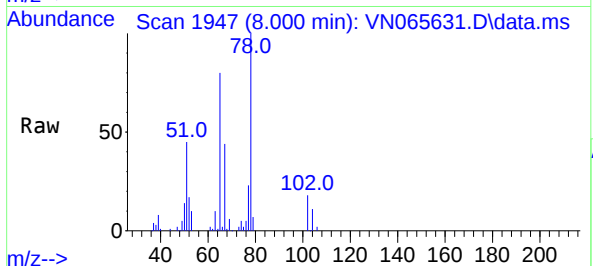
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#40
Benzene
Concen: 10.64 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

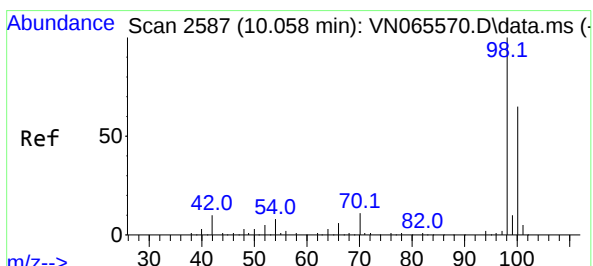
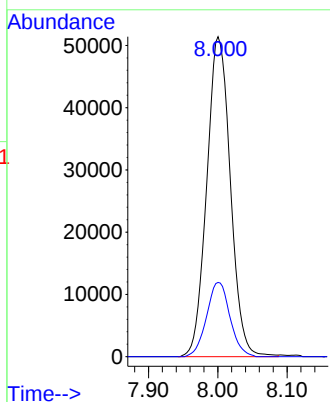
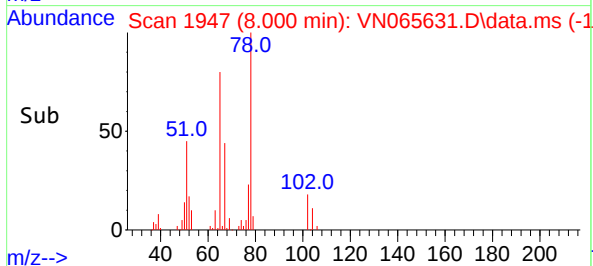
Instrument :
MSVOA_N
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41709DL



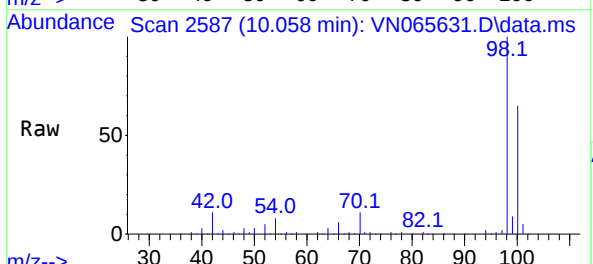
Tgt Ion: 78 Resp: 121738
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

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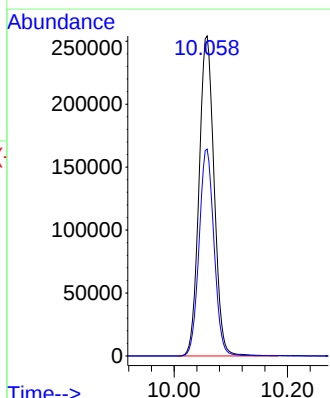
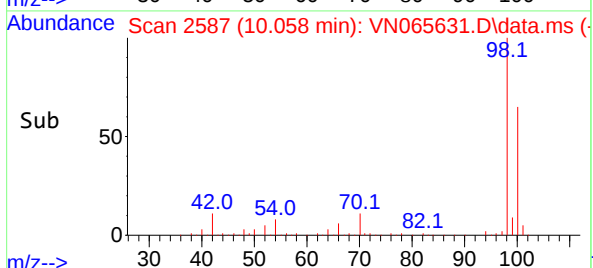
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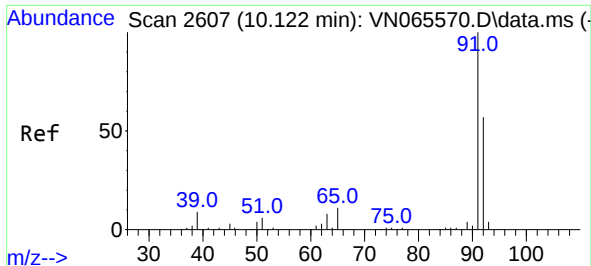


#50
Toluene-d8
Concen: 54.03 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



Tgt Ion: 98 Resp: 468565
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7





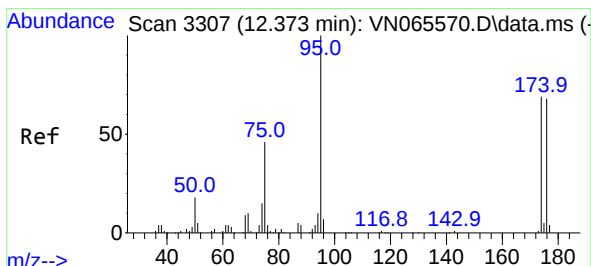
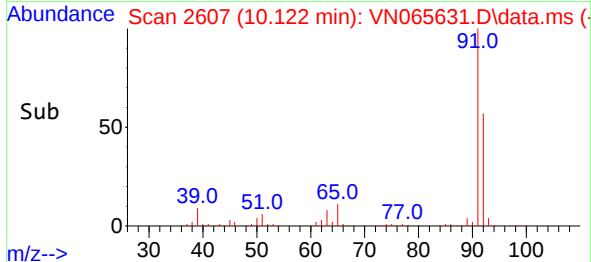
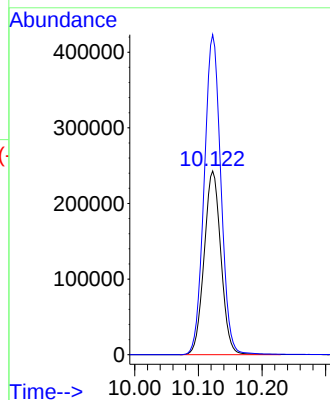
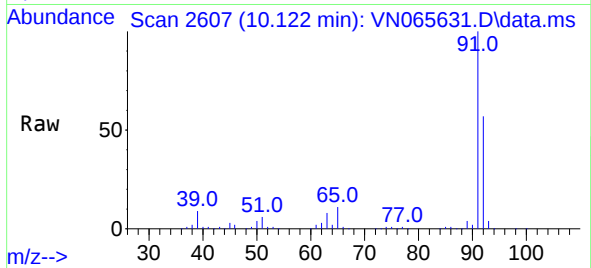
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Toluene
Concen: 65.57 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 92 Resp: 444358
Ion Ratio Lower Upper
92 100
91 173.8 140.7 211.1

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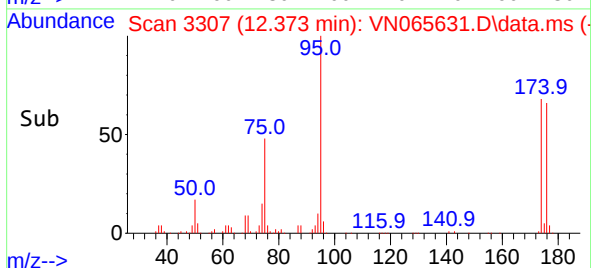
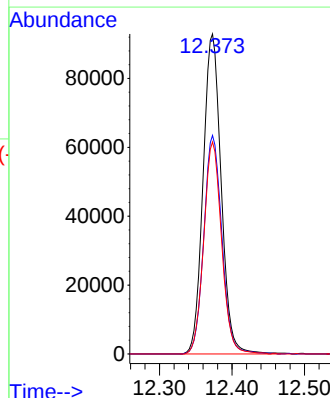
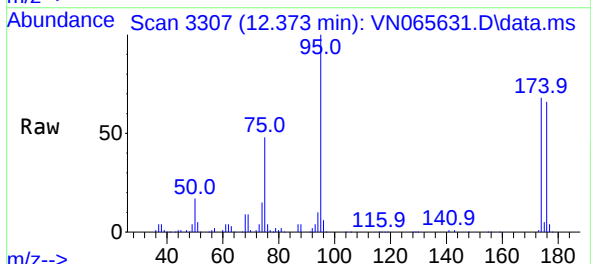
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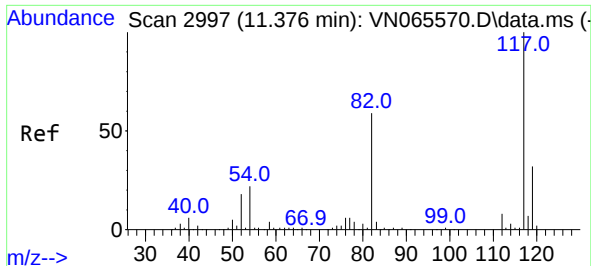
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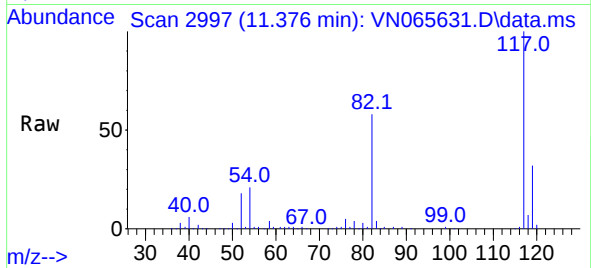
#62
4-Bromofluorobenzene
Concen: 51.51 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion: 95 Resp: 160856
Ion Ratio Lower Upper
95 100
174 68.3 0.0 169.0
176 65.6 0.0 162.4

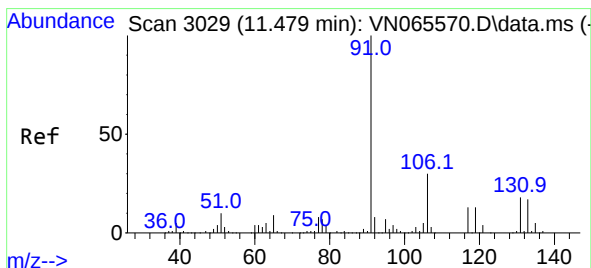
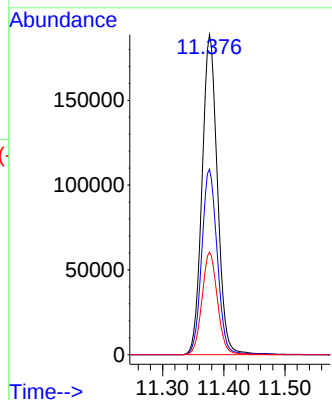
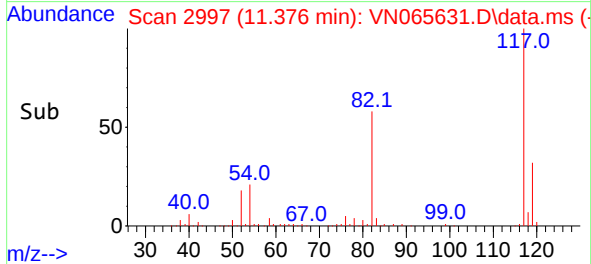




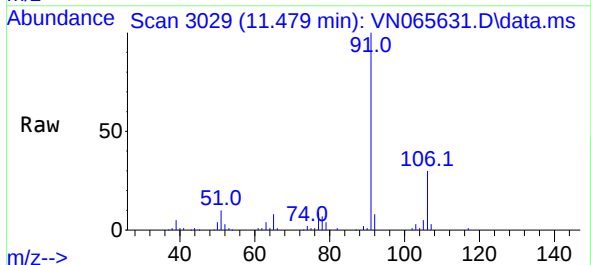
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



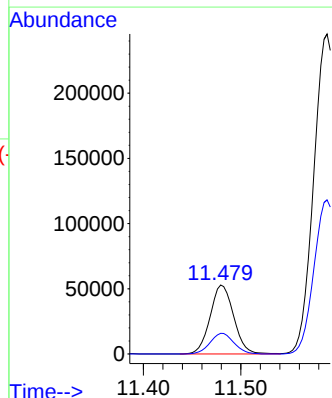
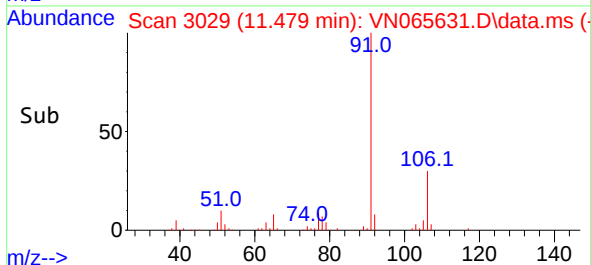
Tgt Ion: 117 Resp: 329758
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 32.1 26.1 39.1



#67
Ethyl Benzene
Concen: 6.85 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065631.D
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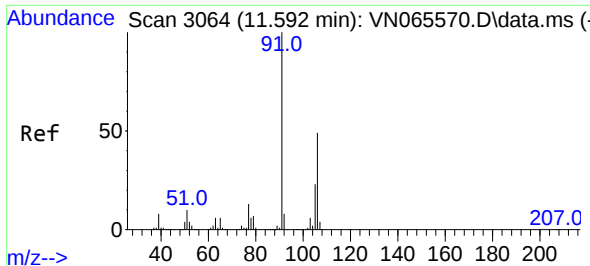
Tgt Ion: 91 Resp: 88818
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3



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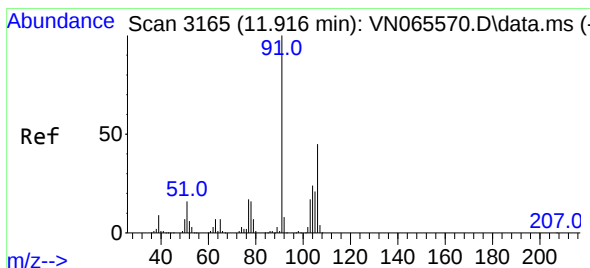
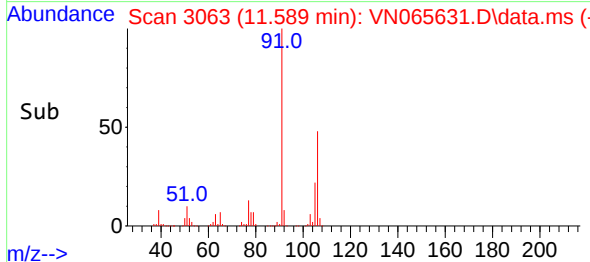
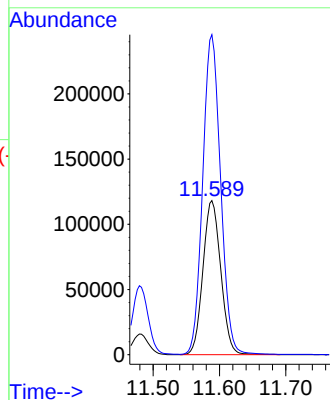
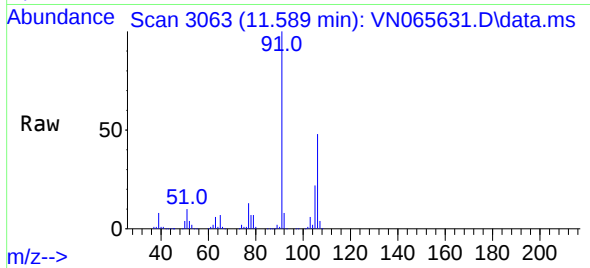
#68
m/p-Xylenes
Concen: 47.12 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion:106 Resp: 221080
Ion Ratio Lower Upper
106 100
91 207.5 161.4 242.0

Instrument :
MSVOA_N
ClientSampleId :
41709DL

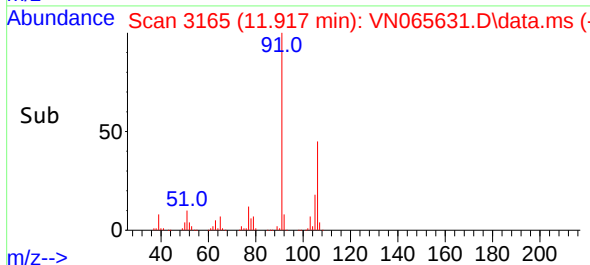
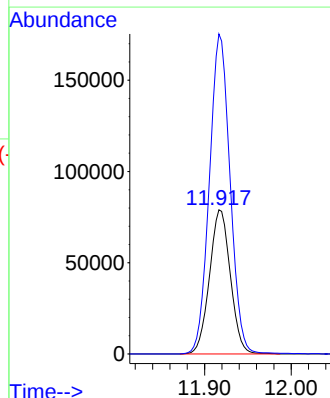
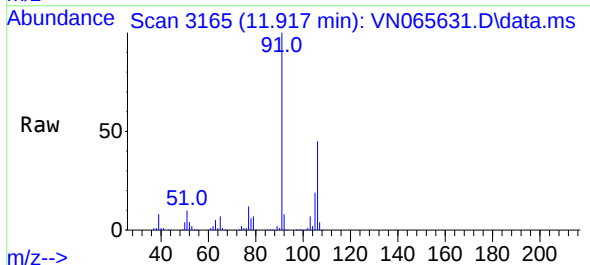
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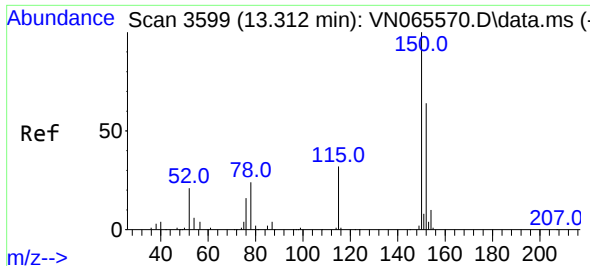
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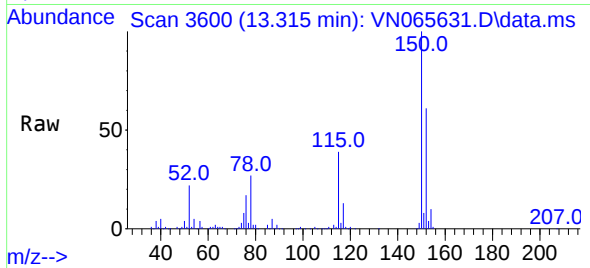
#69
o-Xylene
Concen: 29.06 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion:106 Resp: 132125
Ion Ratio Lower Upper
106 100
91 220.6 106.8 320.4

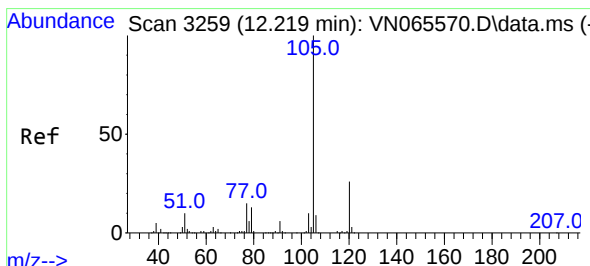
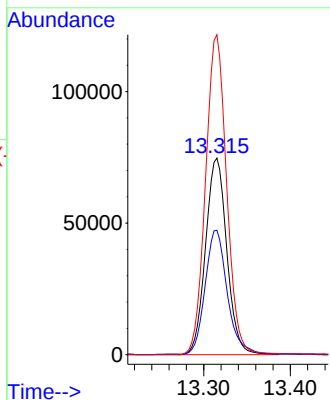
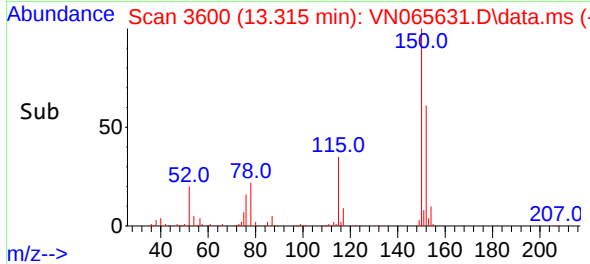




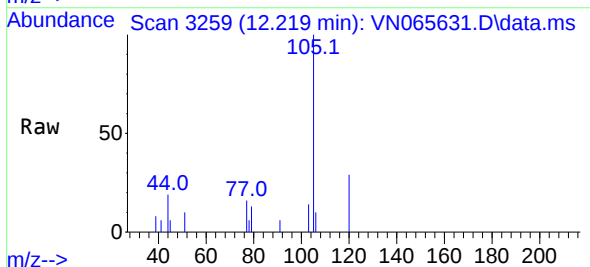
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



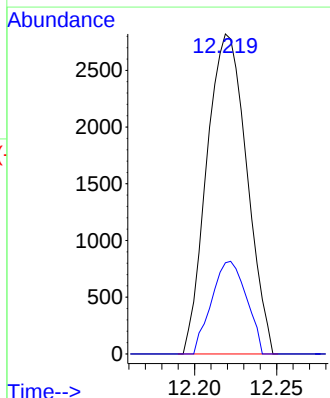
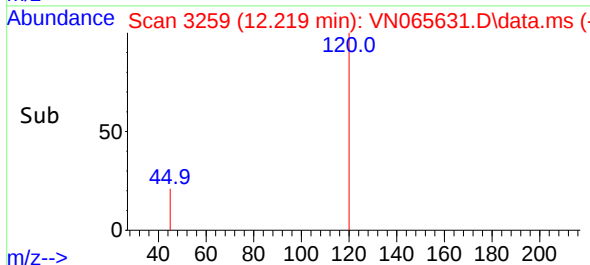
Tgt Ion:152 Resp: 127980
Ion Ratio Lower Upper
152 100
115 65.1 28.5 85.6
150 161.0 0.0 347.6



#73
Isopropylbenzene
Concen: 0.43 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



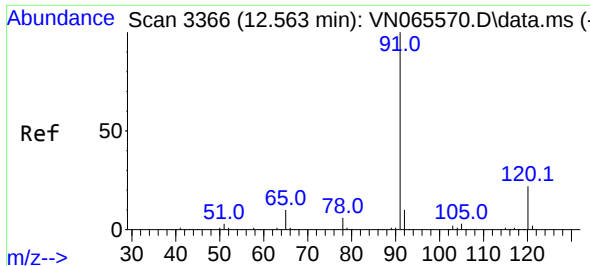
Tgt Ion:105 Resp: 4764
Ion Ratio Lower Upper
105 100
120 25.3 13.3 39.9



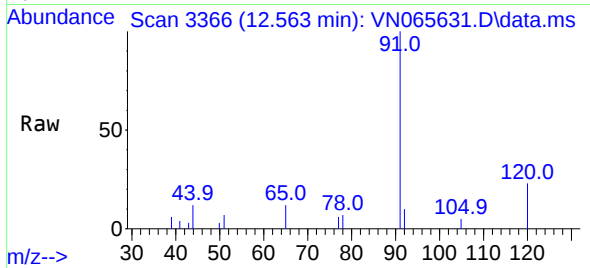
Instrument :
MSVOA_N
ClientSampleId :
41709DL

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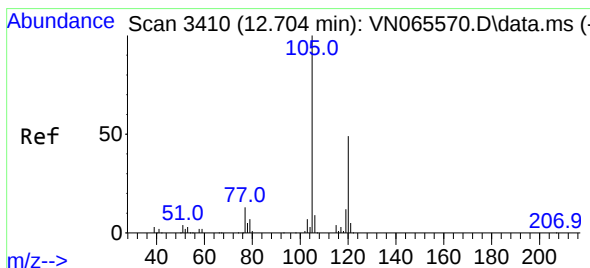
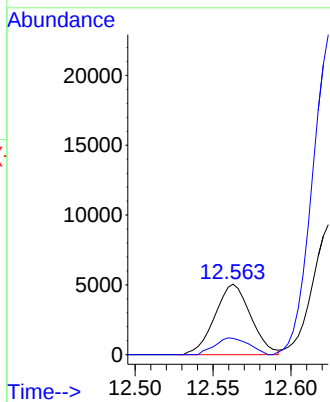
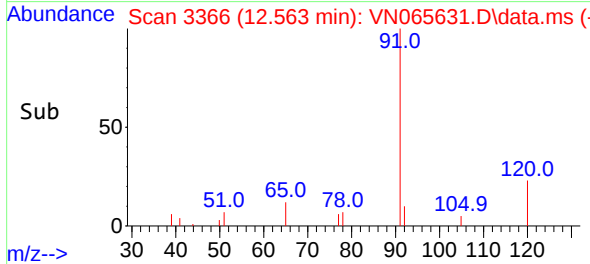
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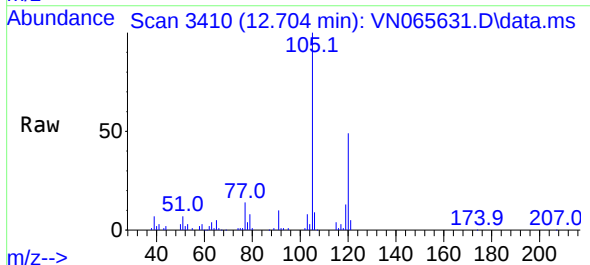
#78
n-propylbenzene
Concen: 0.61 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



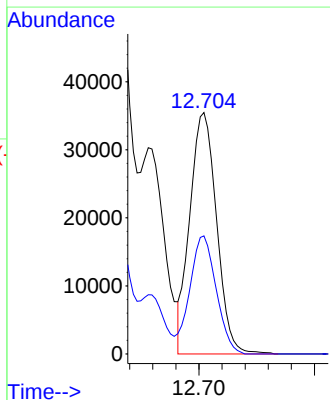
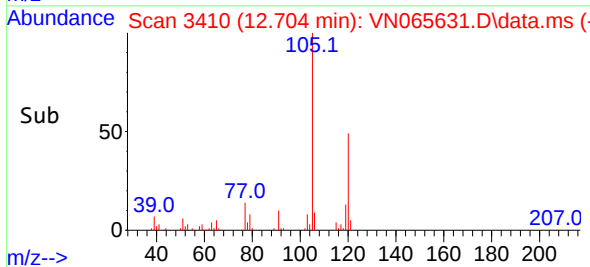
Tgt Ion: 91 Resp: 8099
Ion Ratio Lower Upper
91 100
120 22.4 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 5.99 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



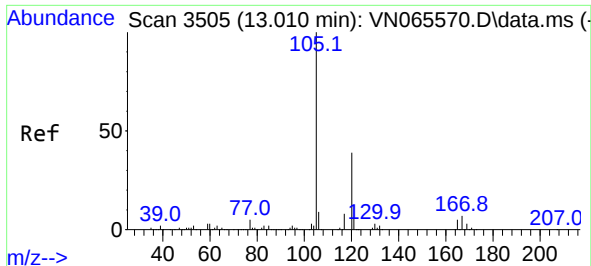
Tgt Ion: 105 Resp: 57135
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



Instrument :
MSVOA_N
ClientSampled :
41709DL

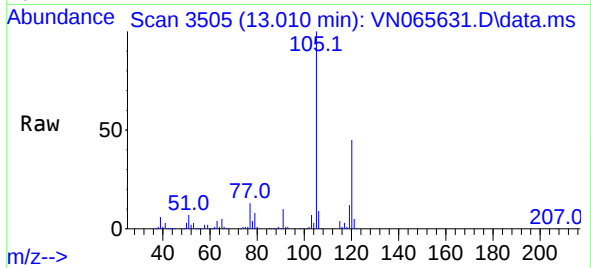
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#84
1,2,4-Trimethylbenzene
Concen: 21.96 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

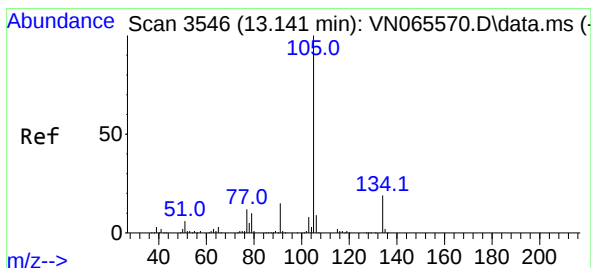
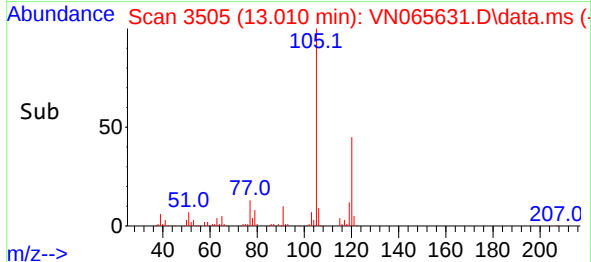
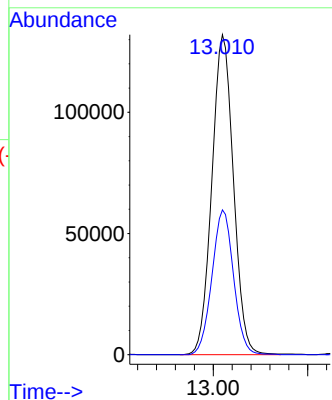
Instrument :
MSVOA_N
ClientSampleId :
41709DL



Tgt Ion:105 Resp: 208959
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0

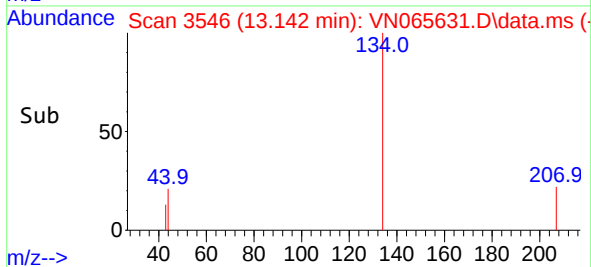
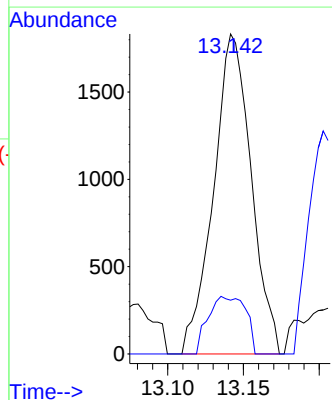
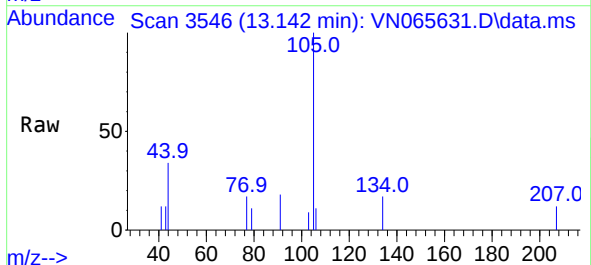
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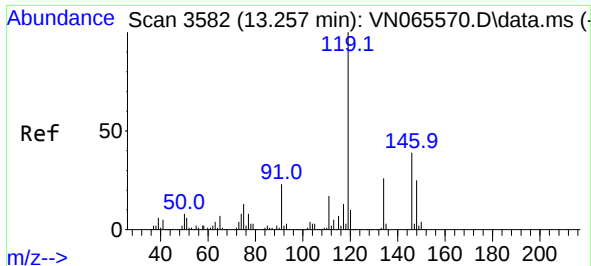
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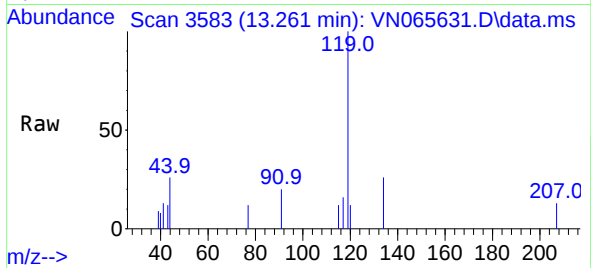
#85
sec-Butylbenzene
Concen: 0.29 ug/l m
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48

Tgt Ion:105 Resp: 3167
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

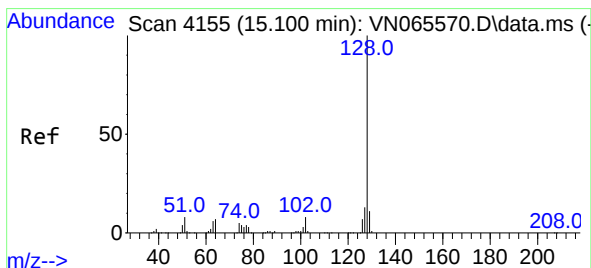
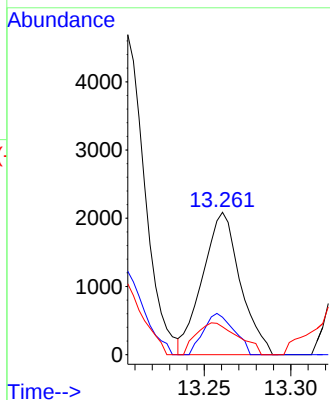
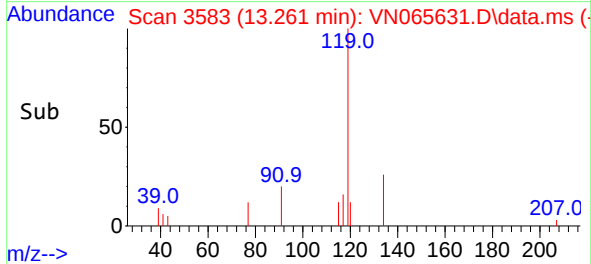




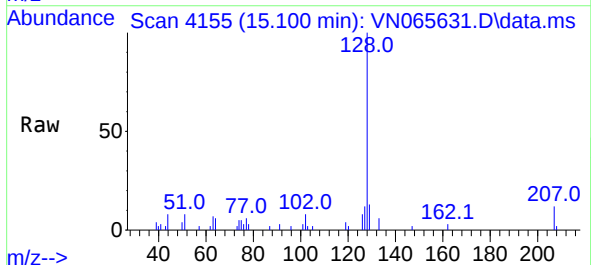
#86
p-Isopropyltoluene
Concen: 0.33 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.004 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



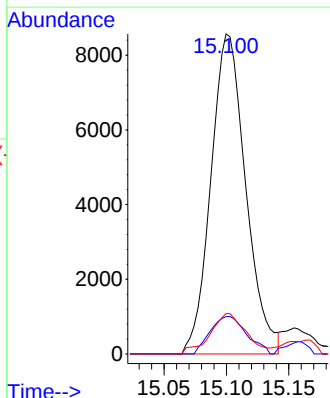
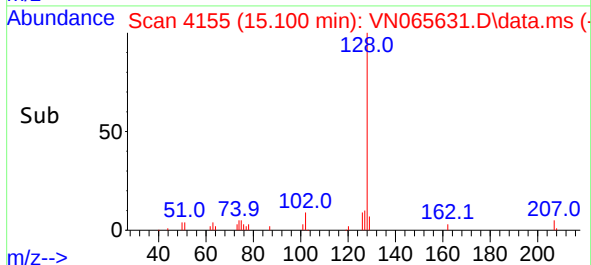
Tgt Ion:119 Resp: 3158
Ion Ratio Lower Upper
119 100
134 23.4 13.3 39.8
91 24.8 11.8 35.3



#95
Naphthalene
Concen: 5.32 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065631.D
Acq: 27 Jan 2021 15:48



Tgt Ion:128 Resp: 16664
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 13.0 8.6 13.0#



Instrument :
MSVOA_N
ClientSampled :
41709DL

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