

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
 Data File : VN065489.D
 Acq On : 12 Jan 2021 12:42
 Operator : JC/MD
 Sample : M1040-04DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41661DL

Manual Integrations
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 1/13/2021 4:39:17 PM

Quant Time: Jan 12 23:58:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.631	168	217776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	360514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	378637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	163900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	117117	47.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.28%			
35) Dibromofluoromethane	7.553	113	109821	50.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.98%			
50) Toluene-d8	10.061	98	443270	54.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.76%			
62) 4-Bromofluorobenzene	12.376	95	172886	53.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.52%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.023	73	4068m	0.60	ug/l	
39) Methylcyclohexane	9.049	83	4794	1.22	ug/l	98
40) Benzene	8.004	78	190605	19.55	ug/l	98
52) Toluene	10.126	92	506188	82.36	ug/l	99
67) Ethyl Benzene	11.483	91	89258	6.43	ug/l	99
68) m/p-Xylenes	11.592	106	128427	24.55	ug/l	96
69) o-Xylene	11.920	106	61579	12.12	ug/l	98
73) Isopropylbenzene	12.222	105	7961	0.64	ug/l	98
78) n-propylbenzene	12.566	91	21871	1.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.708	105	30112	2.83	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	117464	11.33	ug/l	99
85) sec-Butylbenzene	13.145	105	6579	0.55	ug/l	94
86) p-Isopropyltoluene	13.261	119	4203	0.38	ug/l	98
89) n-Butylbenzene	13.585	91	6393	0.68	ug/l #	77
95) Naphthalene	15.103	128	16942	5.23	ug/l	99

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

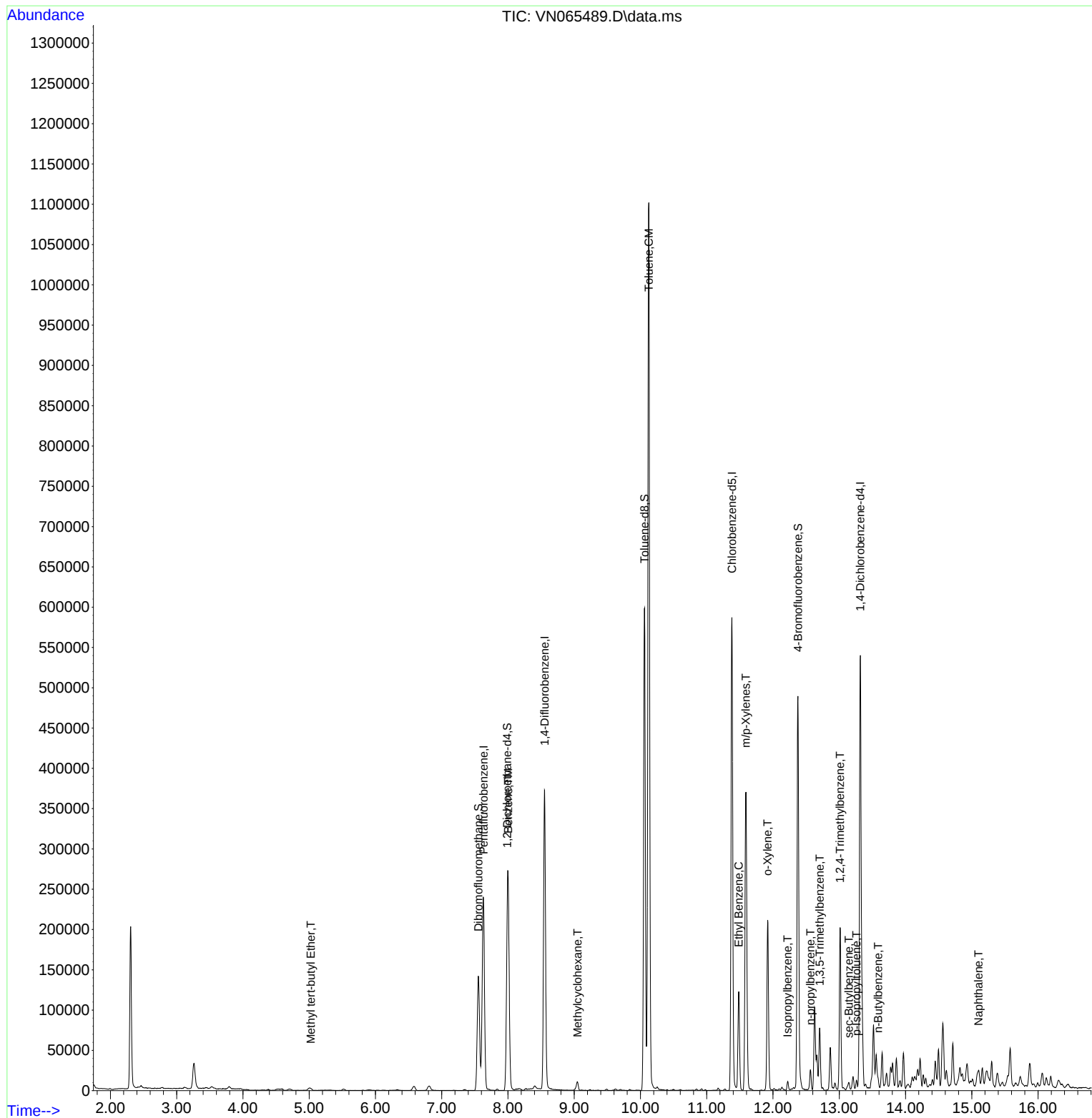
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Data File : VN065489.D
Acq On : 12 Jan 2021 12:42
Operator : JC/MD
Sample : M1040-04DL 100X
Misc : 5.00mL/MSVOA_N/WATER
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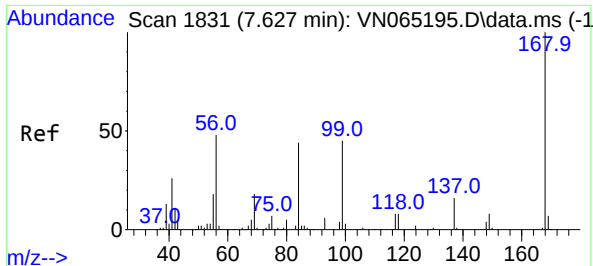
Instrument :
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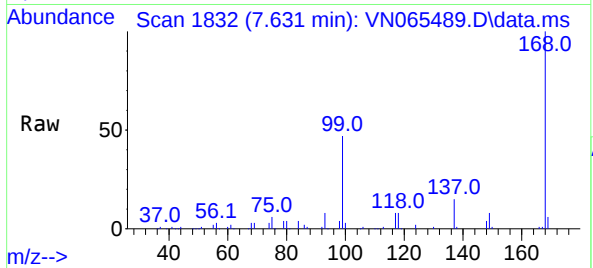
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Quant Time: Jan 12 23:58:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

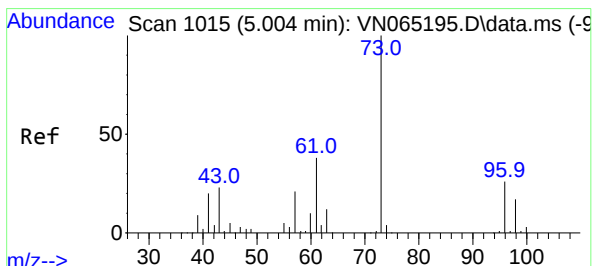
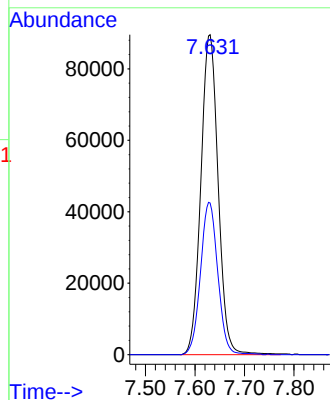
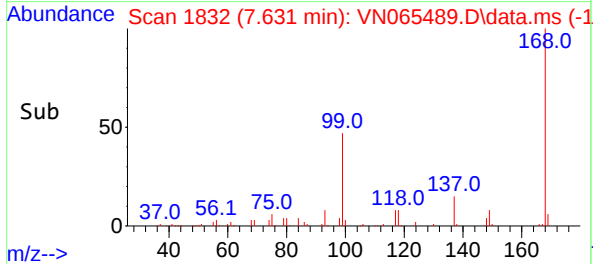




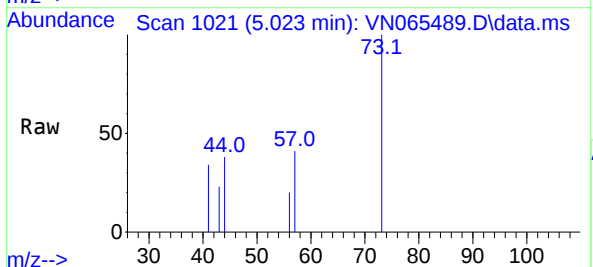
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



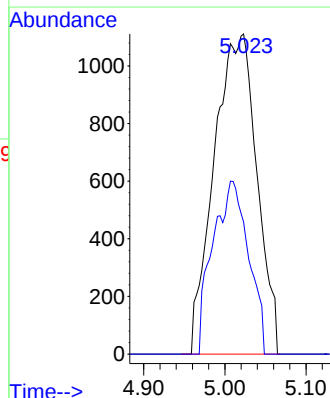
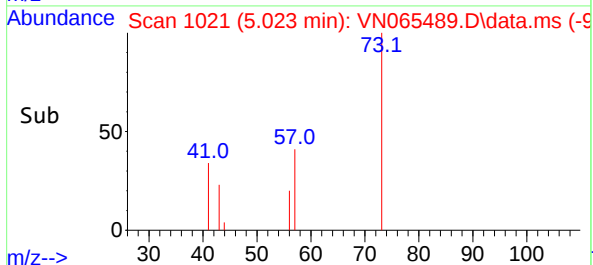
Tgt Ion:168 Resp: 217776
Ion Ratio Lower Upper
168 100
99 47.4 43.0 64.4



#19
Methyl tert-butyl Ether
Concen: 0.60 ug/l m
RT: 5.023 min Scan# 1021
Delta R.T. 0.019 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



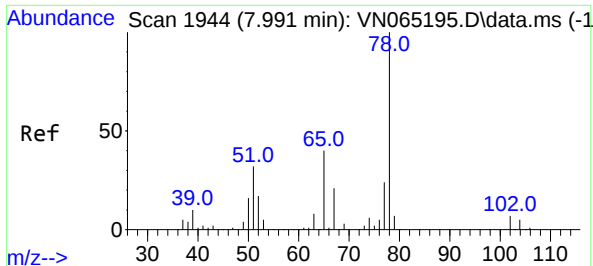
Tgt Ion: 73 Resp: 4068
Ion Ratio Lower Upper
73 100
57 41.3 17.4 26.0#



Instrument :
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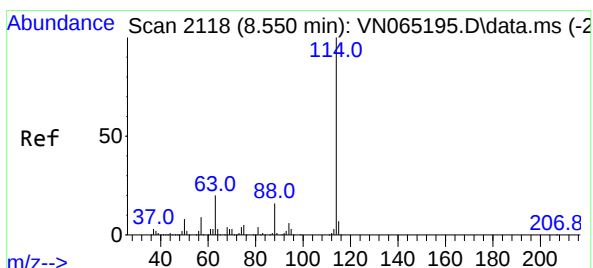
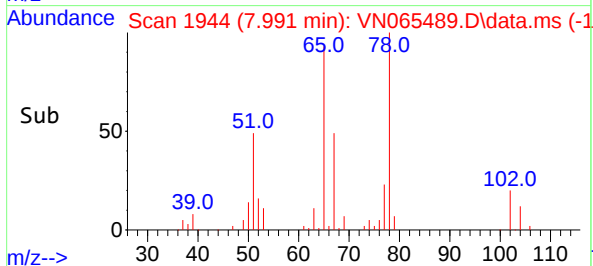
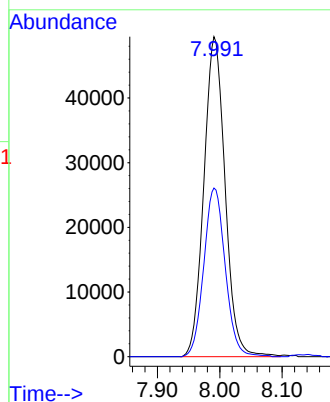
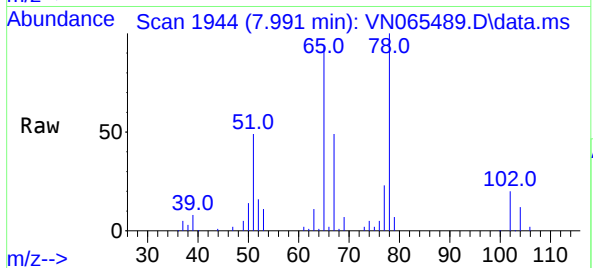
#33
1,2-Dichloroethane-d4
Concen: 47.64 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065489.D
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Tgt Ion: 65 Resp: 117117
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

Instrument :
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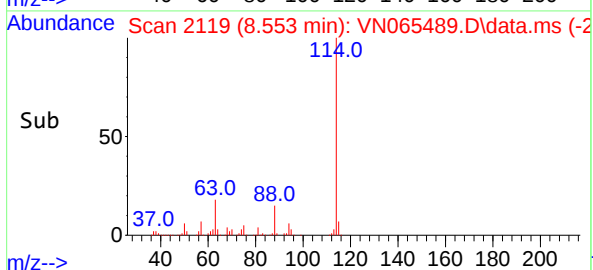
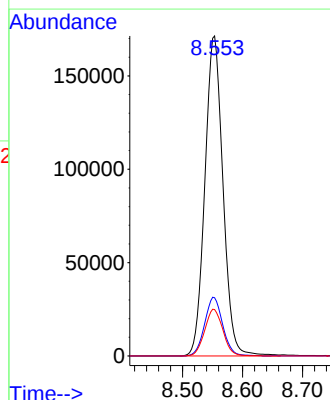
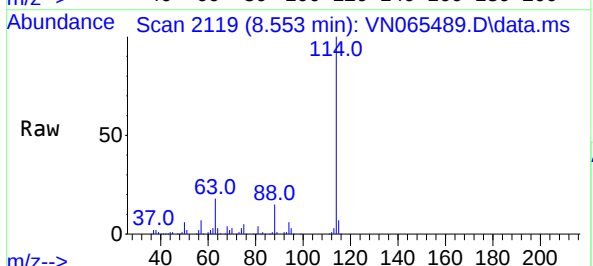
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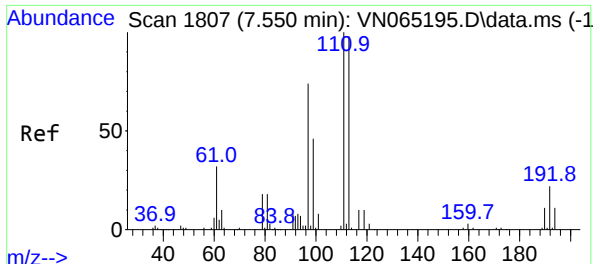
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

Tgt Ion: 114 Resp: 360514
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.6
88 14.5 0.0 32.6





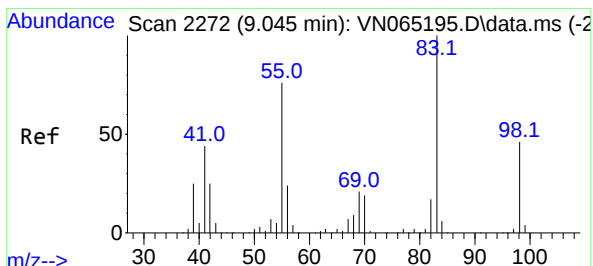
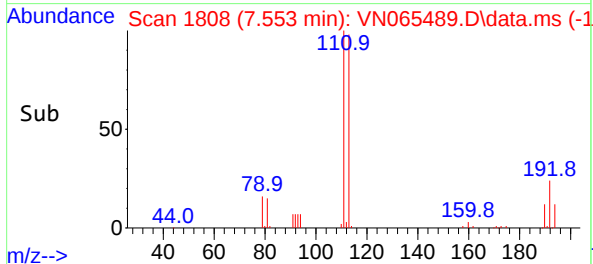
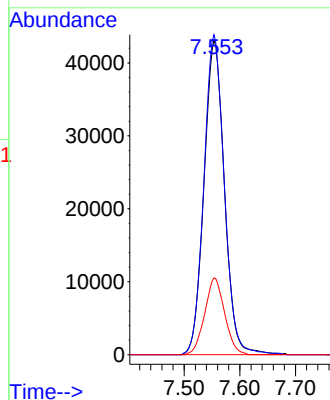
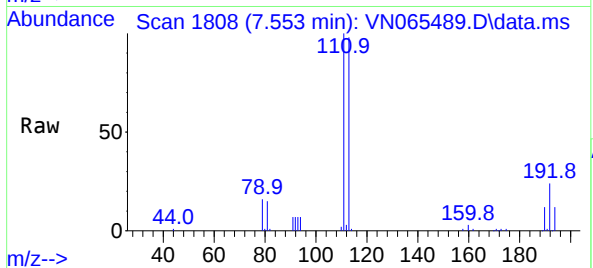
#35
Dibromofluoromethane
Concen: 50.49 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

Tgt Ion: 113 Resp: 109821
Ion Ratio Lower Upper
113 100
111 101.4 81.6 122.4
192 23.9 16.2 24.2

Instrument :
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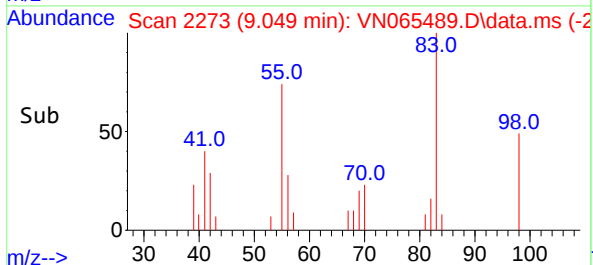
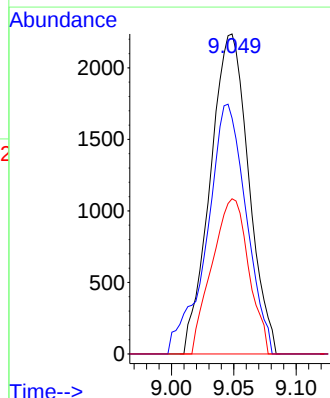
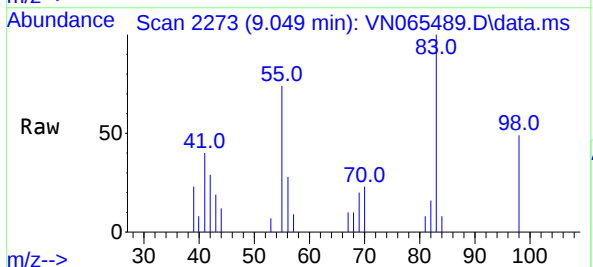
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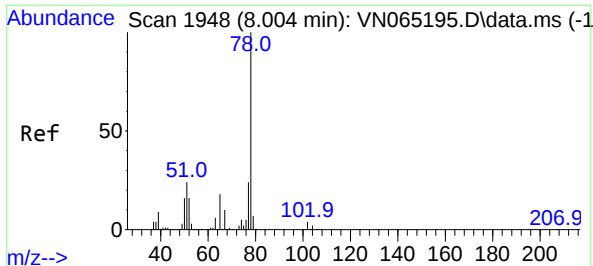
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#39
Methylcyclohexane
Concen: 1.22 ug/l
RT: 9.049 min Scan# 2273
Delta R.T. 0.004 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

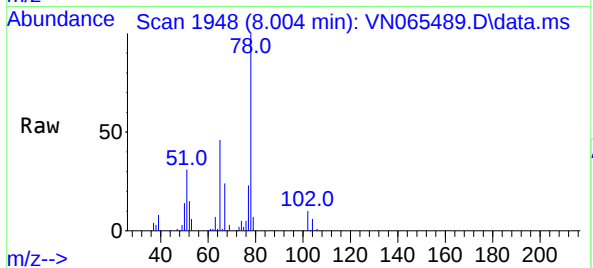
Tgt Ion: 83 Resp: 4794
Ion Ratio Lower Upper
83 100
55 73.7 60.2 90.2
98 48.5 37.4 56.2





#40
Benzene
Concen: 19.55 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

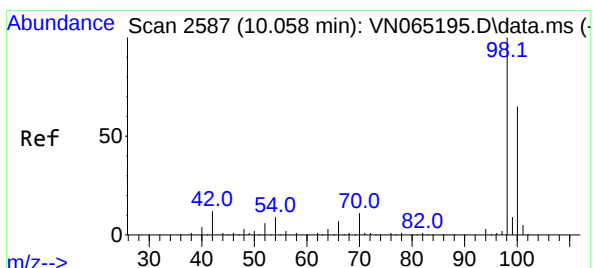
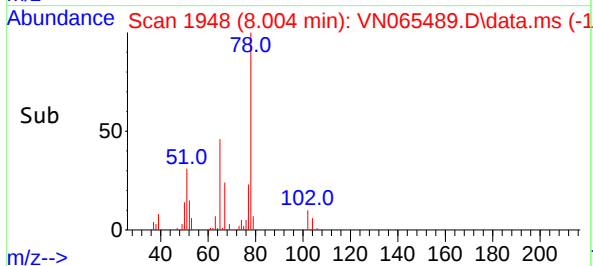
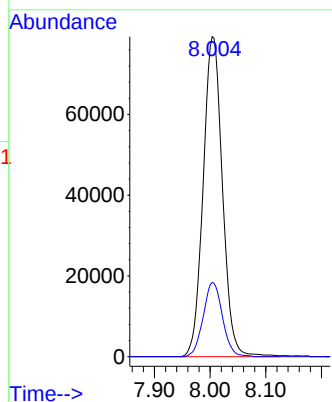
Instrument :
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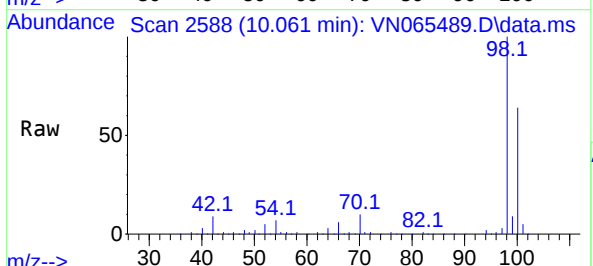
Tgt Ion: 78 Resp: 190605
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9

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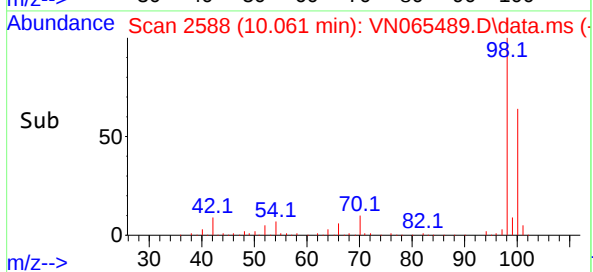
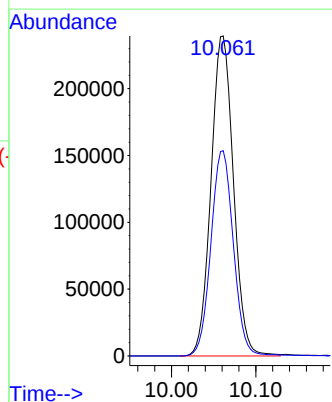
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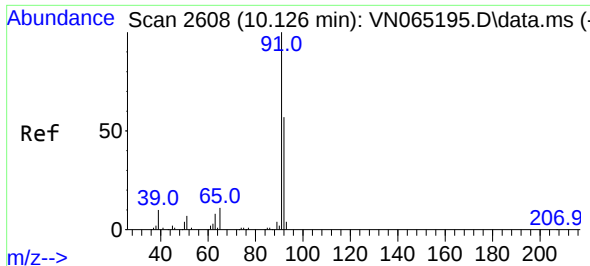


#50
Toluene-d8
Concen: 54.38 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



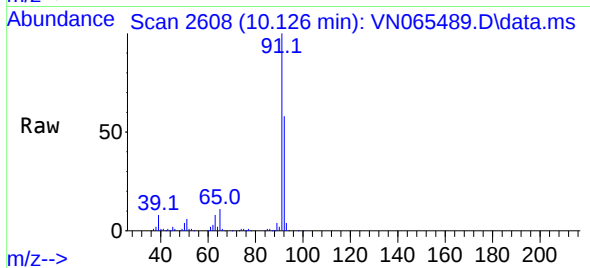
Tgt Ion: 98 Resp: 443270
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#52
Toluene
Concen: 82.36 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

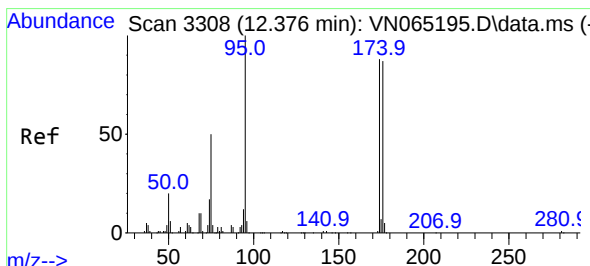
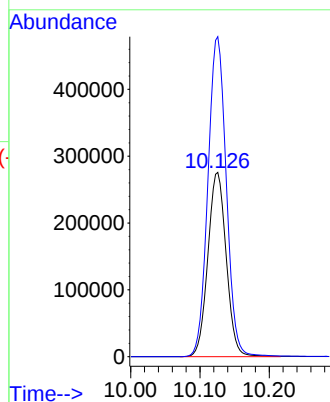
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MSVOA_N
ClientSampled :
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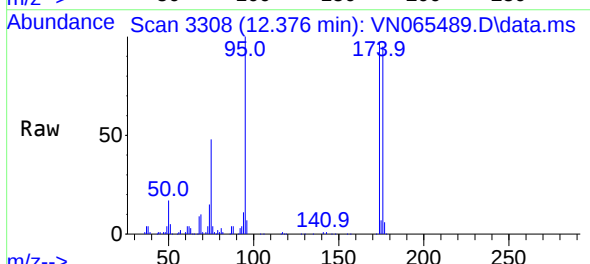
Tgt Ion: 92 Resp: 506188
Ion Ratio Lower Upper
92 100
91 174.6 139.1 208.7

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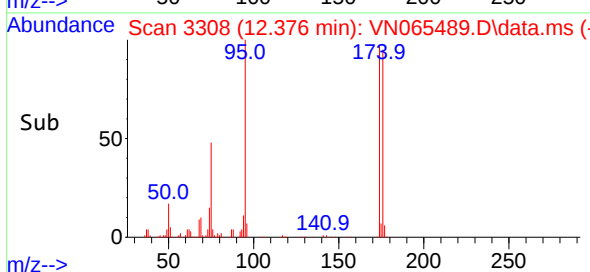
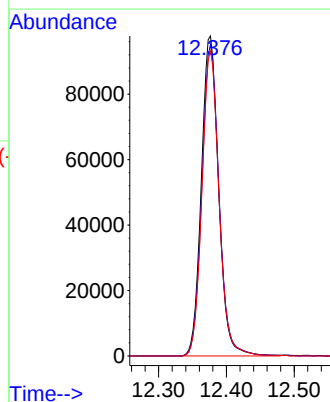
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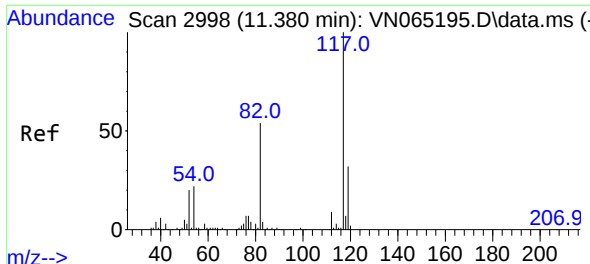


#62
4-Bromofluorobenzene
Concen: 53.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



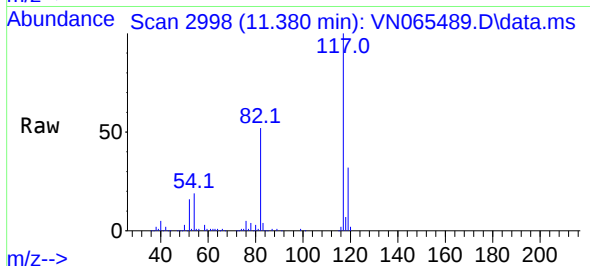
Tgt Ion: 95 Resp: 172886
Ion Ratio Lower Upper
95 100
174 96.7 0.0 160.4
176 94.2 0.0 158.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

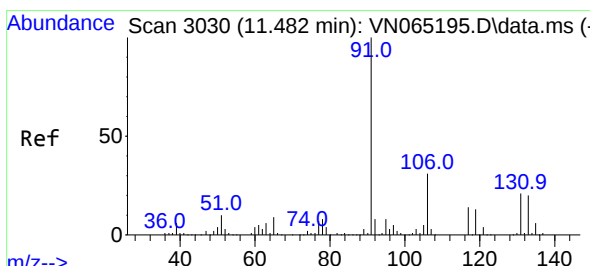
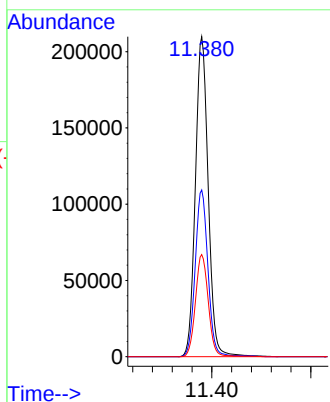
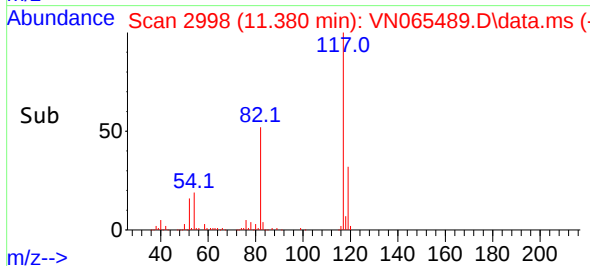
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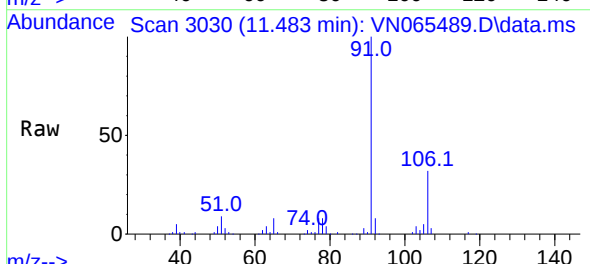
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Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.9 25.8 38.6

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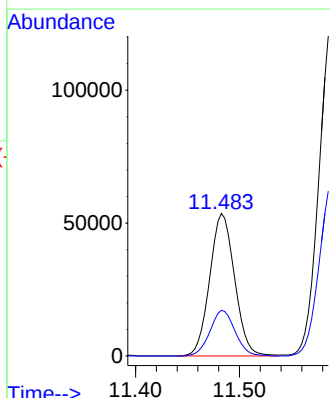
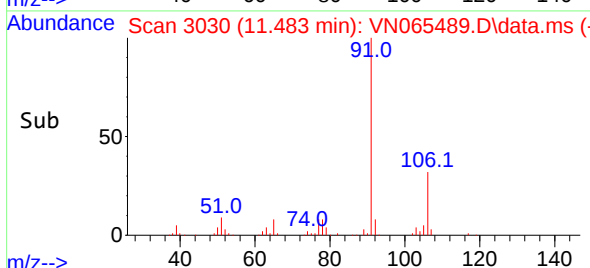
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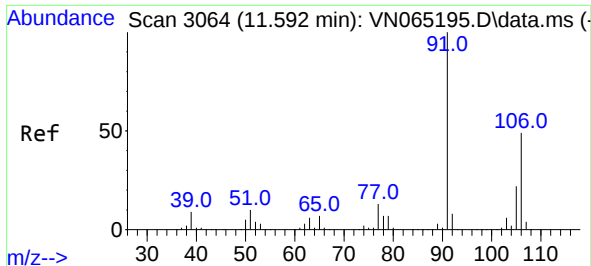


#67
Ethyl Benzene
Concen: 6.43 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

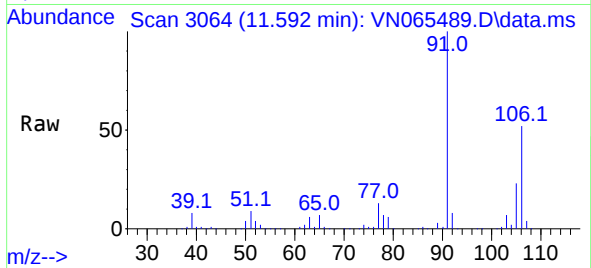


Tgt Ion: 91 Resp: 89258
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8

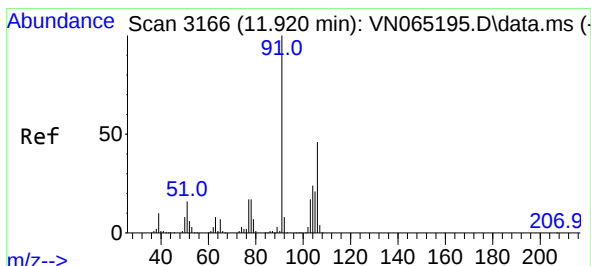
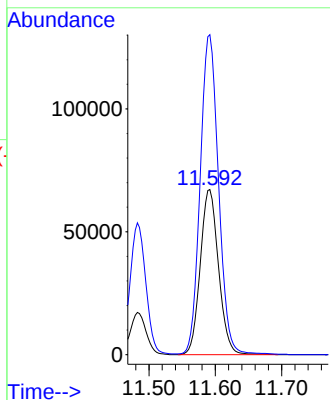
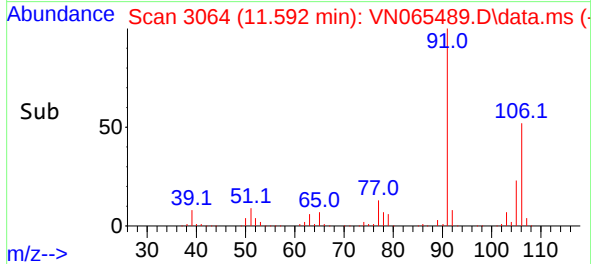




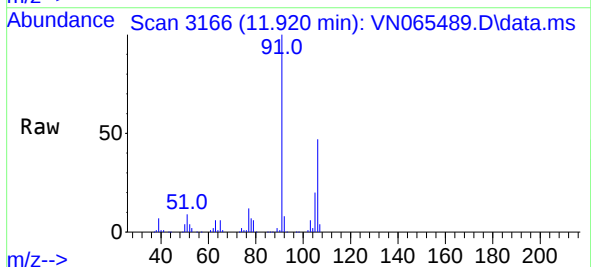
#68
m/p-Xylenes
Concen: 24.55 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



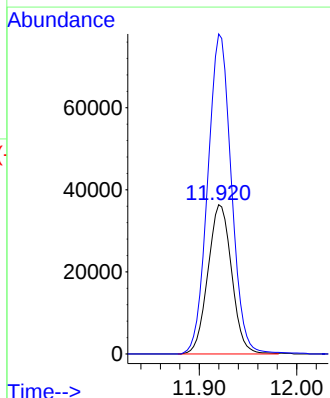
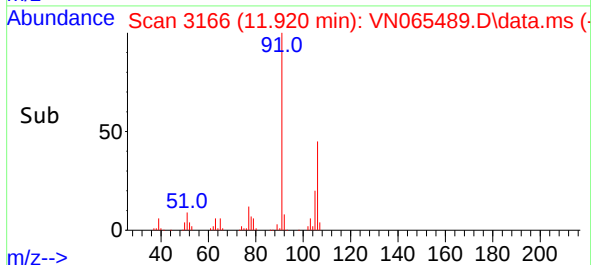
Tgt Ion:106 Resp: 128427
Ion Ratio Lower Upper
106 100
91 195.3 161.0 241.4



#69
o-Xylene
Concen: 12.12 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



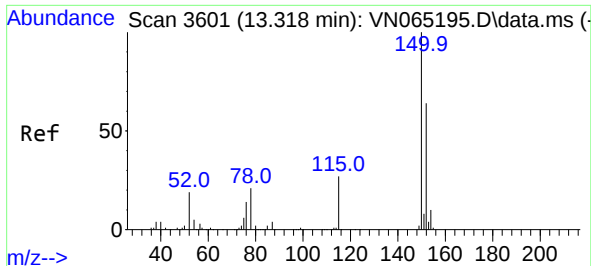
Tgt Ion:106 Resp: 61579
Ion Ratio Lower Upper
106 100
91 213.8 105.5 316.5



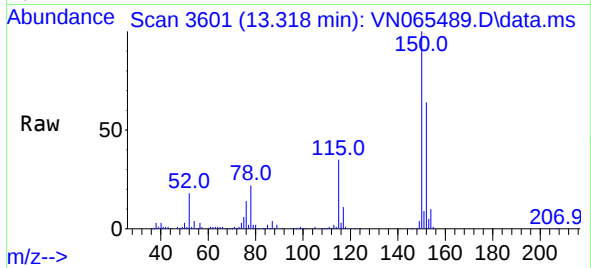
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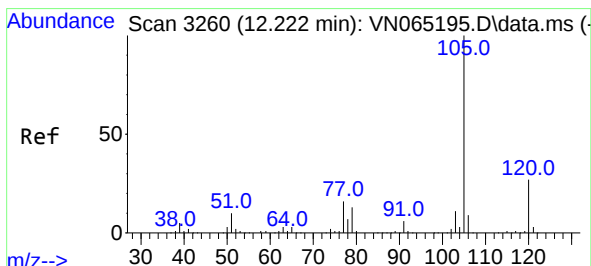
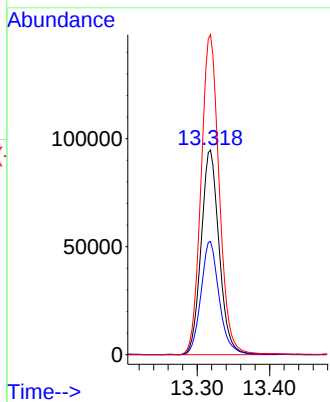
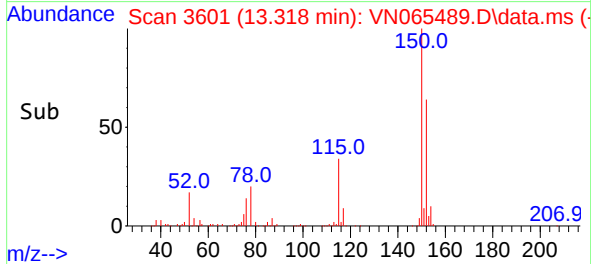
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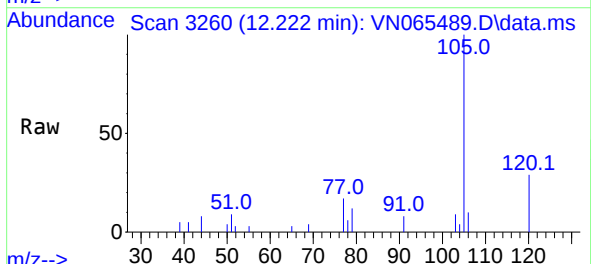
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



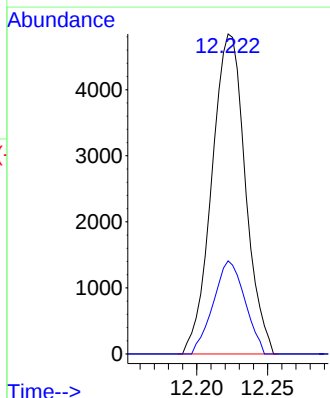
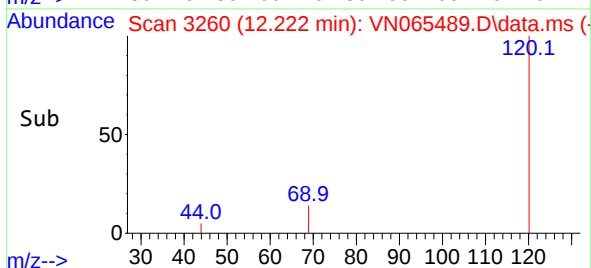
Tgt Ion:152 Resp: 163900
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 158.0 0.0 350.6



#73
Isopropylbenzene
Concen: 0.64 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



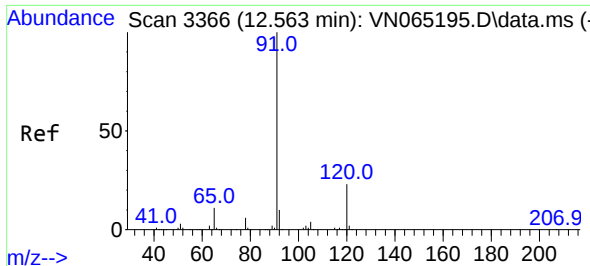
Tgt Ion:105 Resp: 7961
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9



Instrument :
MSVOA_N
ClientSampleId :
41661DL

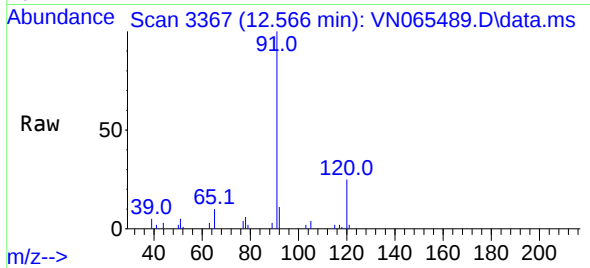
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#78
n-propylbenzene
Concen: 1.55 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

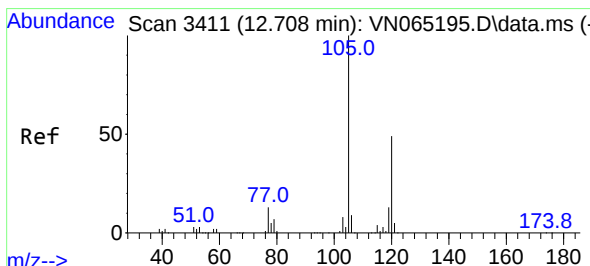
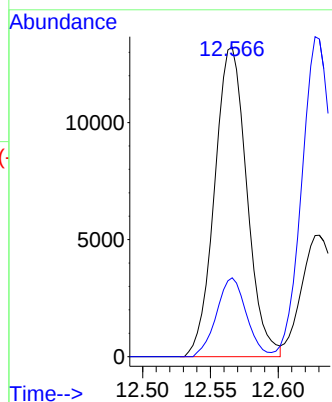
Instrument :
MSVOA_N
ClientSampleId :
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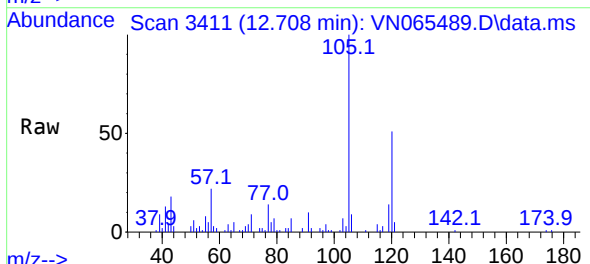
Tgt Ion: 91 Resp: 21871
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.7

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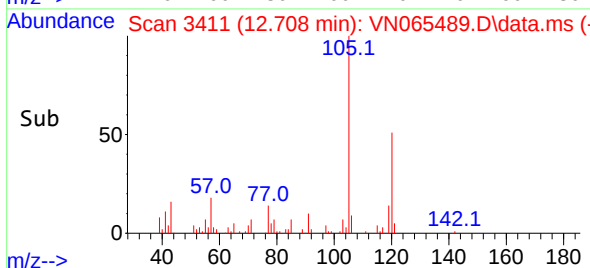
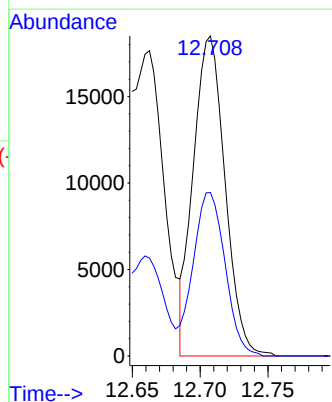
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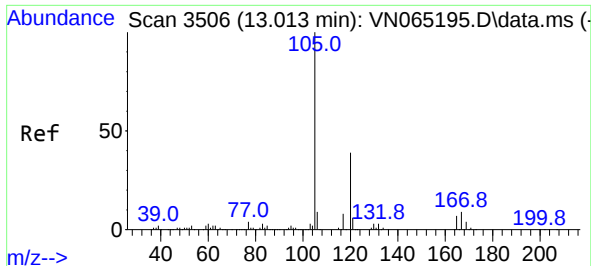


#80
1,3,5-Trimethylbenzene
Concen: 2.83 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



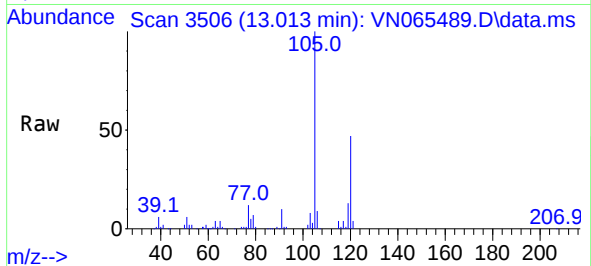
Tgt Ion: 105 Resp: 30112
Ion Ratio Lower Upper
105 100
120 51.8 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 11.33 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

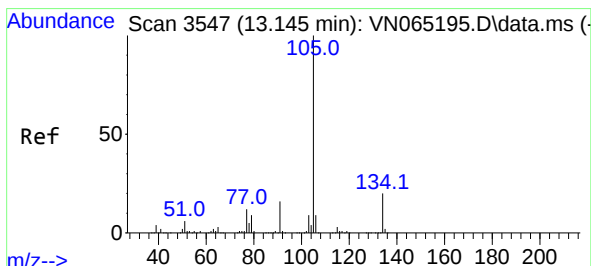
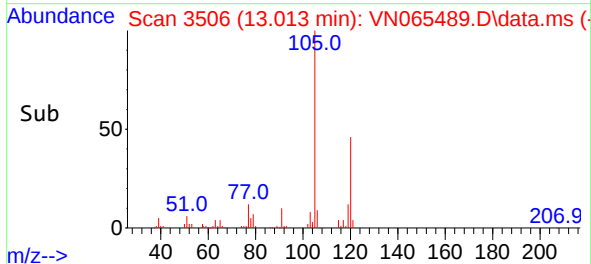
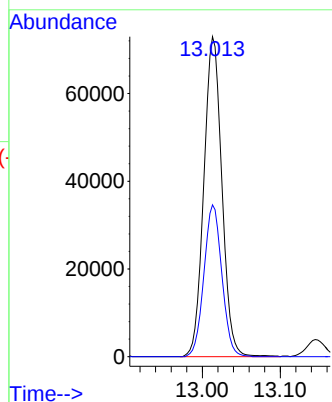
Instrument :
MSVOA_N
ClientSampled :
41661DL



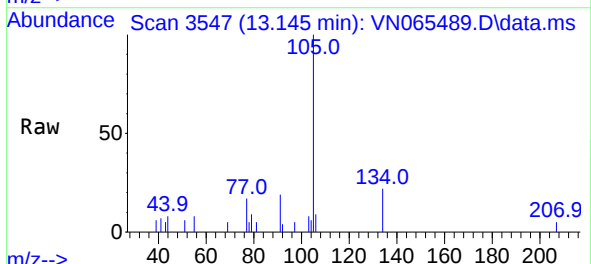
Tgt Ion:105 Resp: 117464
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2

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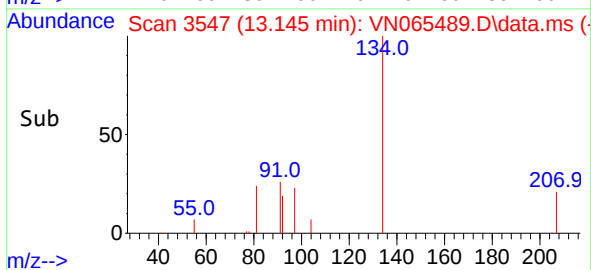
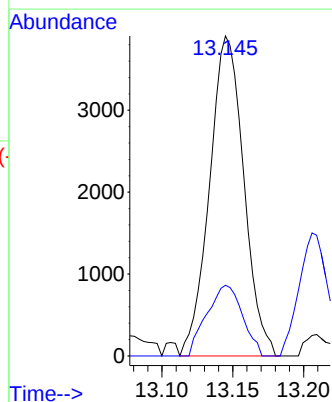
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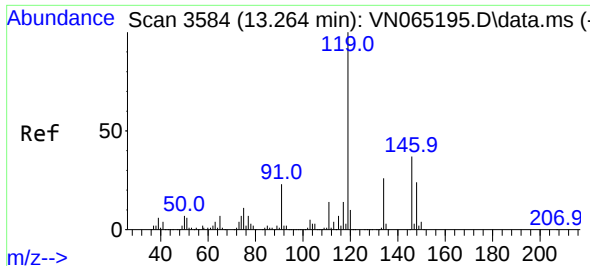


#85
sec-Butylbenzene
Concen: 0.55 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. -0.000 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



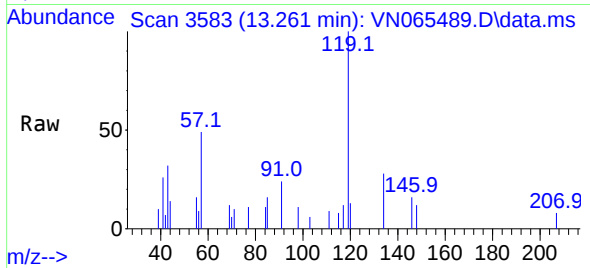
Tgt Ion:105 Resp: 6579
Ion Ratio Lower Upper
105 100
134 23.0 10.1 30.1





#86
p-Isopropyltoluene
Concen: 0.38 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. -0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

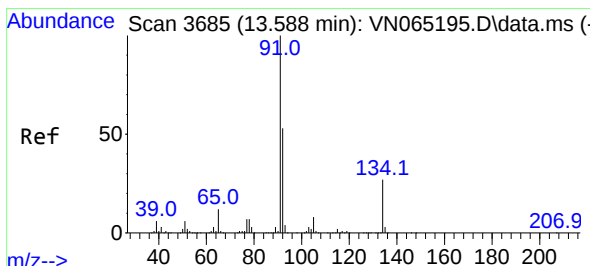
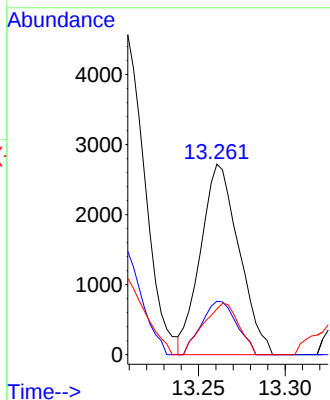
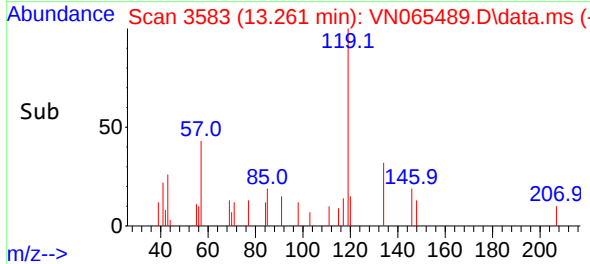
Instrument :
MSVOA_N
ClientSampled :
41661DL



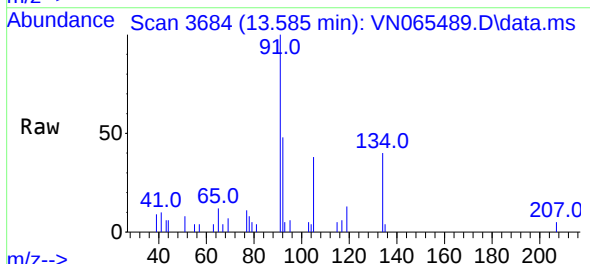
Tgt Ion: 119 Resp: 4203
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.1
91 24.9 11.5 34.5

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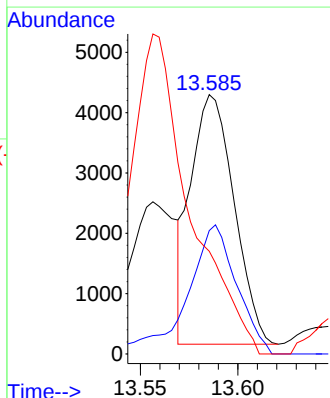
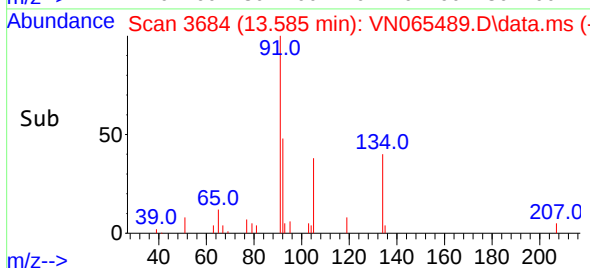
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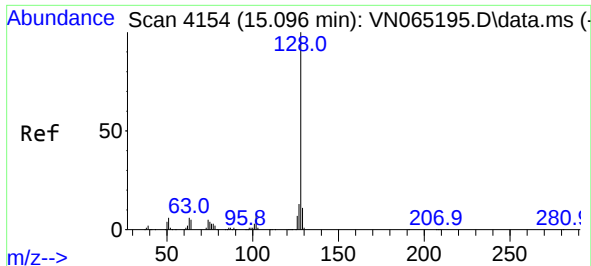


#89
n-Butylbenzene
Concen: 0.68 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. -0.003 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42



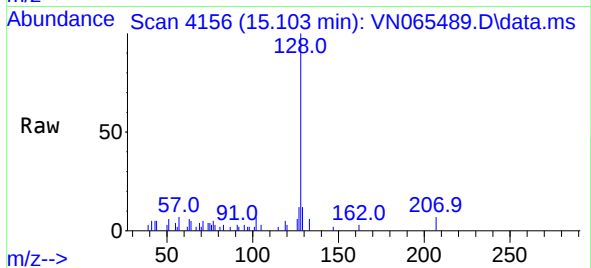
Tgt Ion: 91 Resp: 6393
Ion Ratio Lower Upper
91 100
92 58.2 26.0 78.0
134 0.0 12.9 38.6#





#95
Naphthalene
Concen: 5.23 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065489.D
Acq: 12 Jan 2021 12:42

Instrument :
MSVOA_N
ClientSampled :
41661DL



Tgt Ion:128 Resp: 16942
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.6 8.7 13.1

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