

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065755.D
 Acq On : 8 Feb 2021 15:11
 Operator : JC/MD
 Sample : M1318-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31394-5-31403-31387

Manual Integrations
 APPROVED

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 2/9/2021 10:30:41 AM

Quant Time: Feb 09 00:40:15 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	186378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	311982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	278722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	118138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	108888	44.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.82%		
35) Dibromofluoromethane	7.547	113	90093	48.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.46%		
50) Toluene-d8	10.058	98	394189	54.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.48%		
62) 4-Bromofluorobenzene	12.370	95	132264	50.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.08%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	22396	23.46	ug/l	98
40) Benzene	8.000	78	92075	9.60	ug/l	99
52) Toluene	10.122	92	329296	57.98	ug/l	98
67) Ethyl Benzene	11.479	91	87157	7.96	ug/l	98
68) m/p-Xylenes	11.589	106	327472	82.58	ug/l	99
69) o-Xylene	11.916	106	167522	43.60	ug/l	98
73) Isopropylbenzene	12.219	105	11426	1.10	ug/l	99
78) n-propylbenzene	12.560	91	38475	3.16	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	238999	27.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	927291	105.56	ug/l	98
86) p-Isopropyltoluene	13.257	119	8713m	1.00	ug/l	
89) n-Butylbenzene	13.579	91	10405m	1.32	ug/l	
95) Naphthalene	15.096	128	370089	48.47	ug/l	100

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

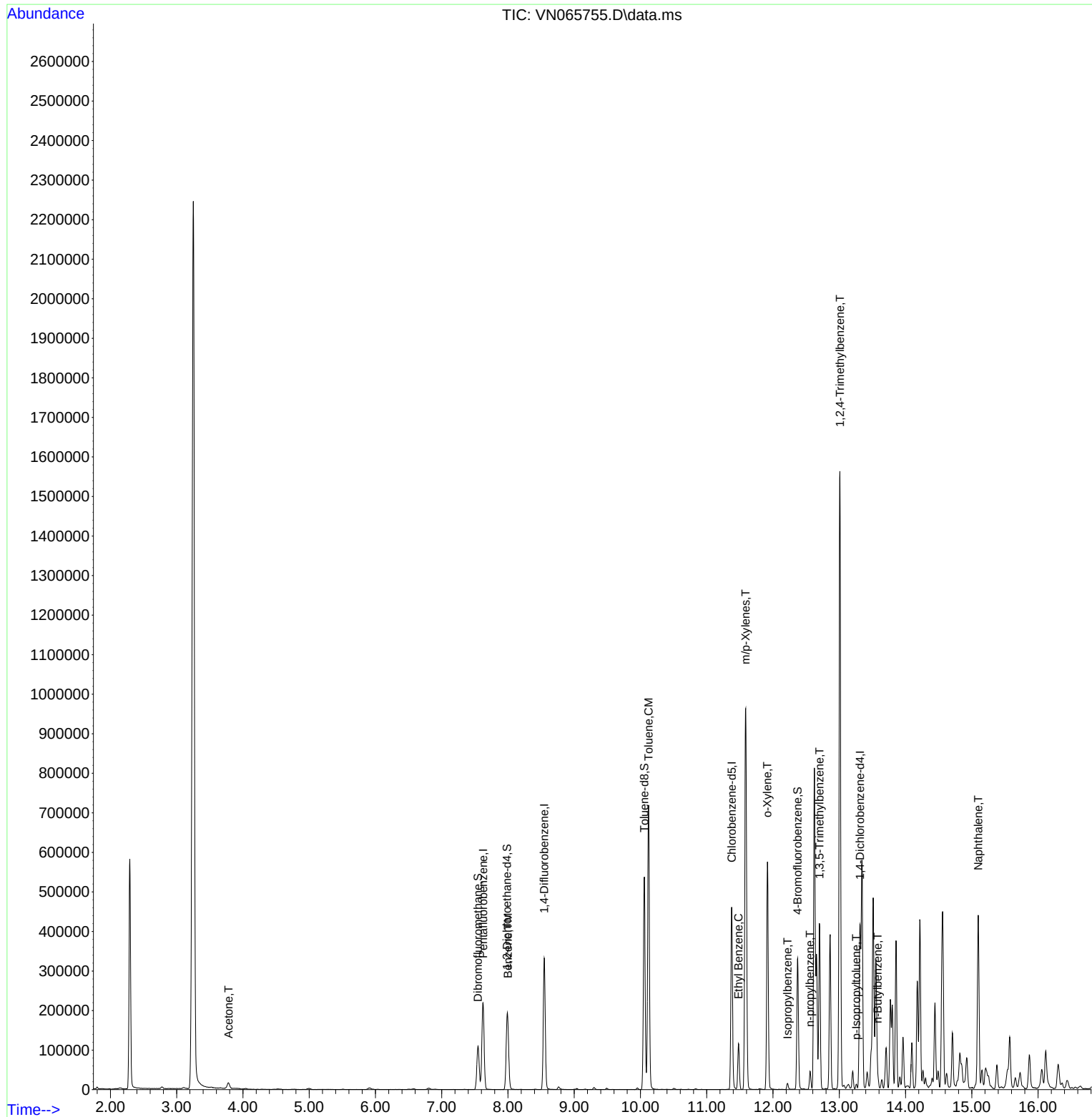
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Data File : VN065755.D
Acq On : 8 Feb 2021 15:11
Operator : JC/MD
Sample : M1318-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

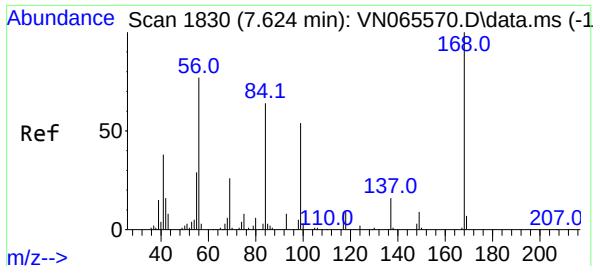
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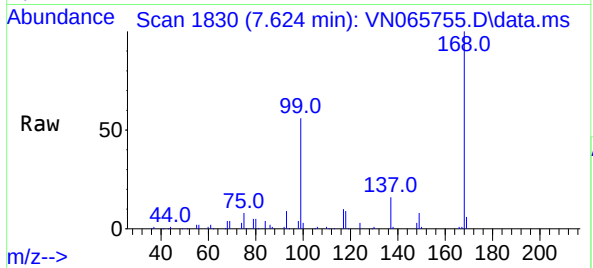
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Quant Time: Feb 09 00:40:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

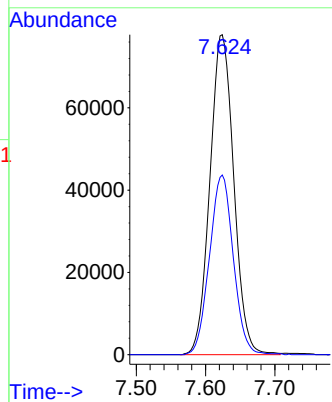
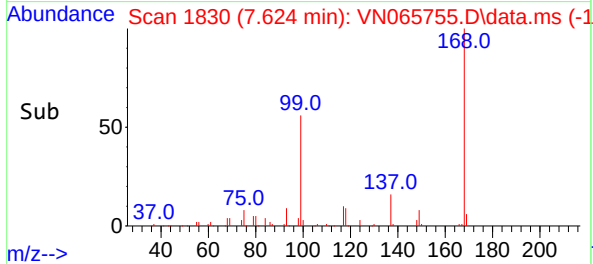




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



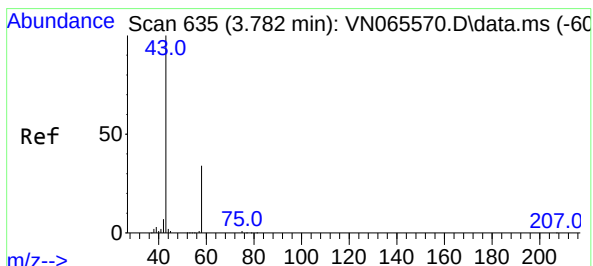
Tgt Ion:168 Resp: 186378
Ion Ratio Lower Upper
168 100
99 56.1 42.6 63.8



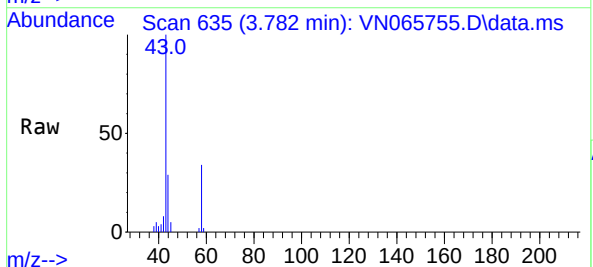
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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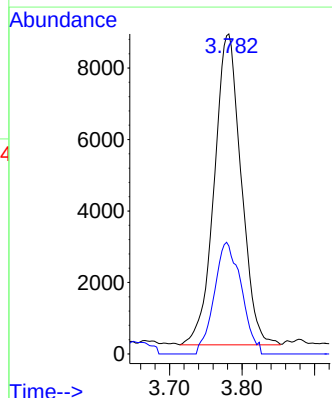
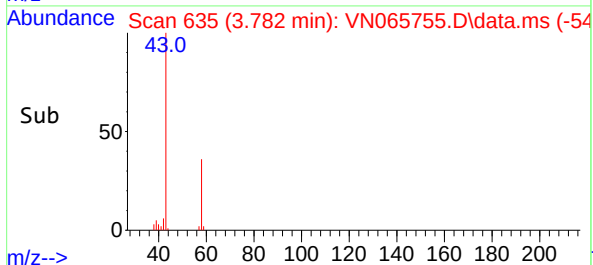
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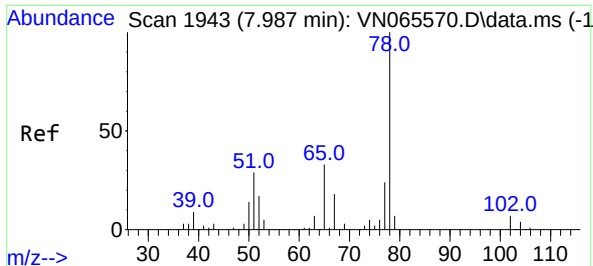


#16
Acetone
Concen: 23.46 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



Tgt Ion: 43 Resp: 22396
Ion Ratio Lower Upper
43 100
58 34.7 27.0 40.6





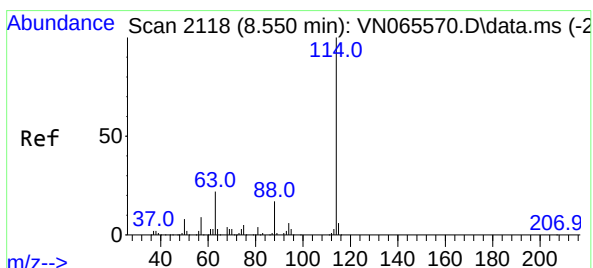
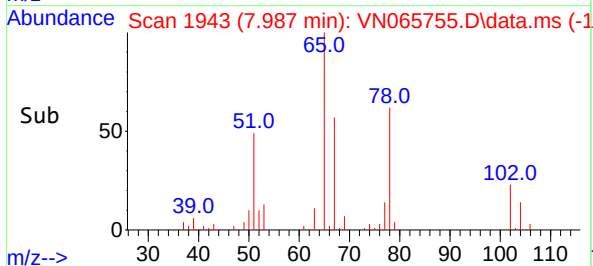
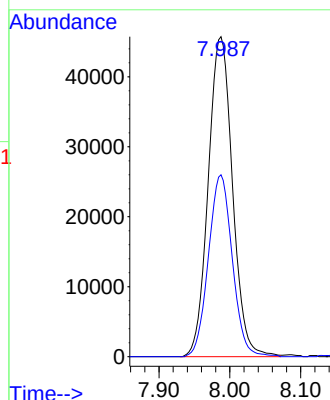
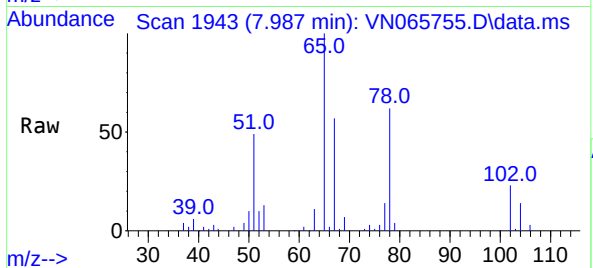
#33
1,2-Dichloroethane-d4
Concen: 44.41 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 65 Resp: 108888
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

Instrument :
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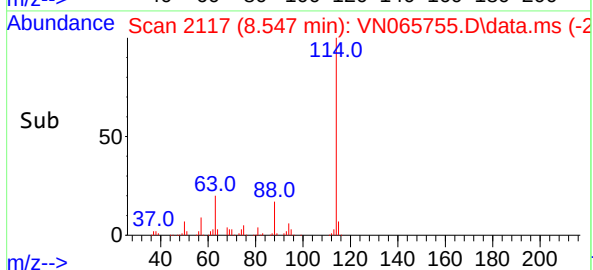
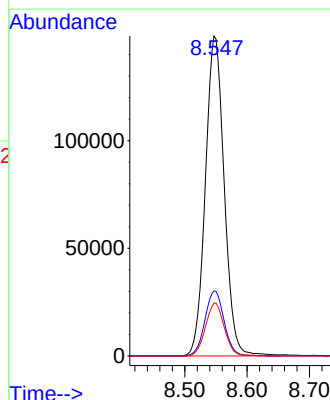
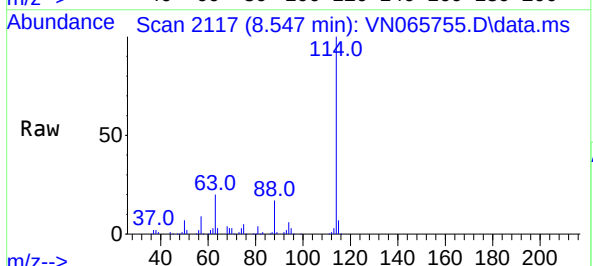
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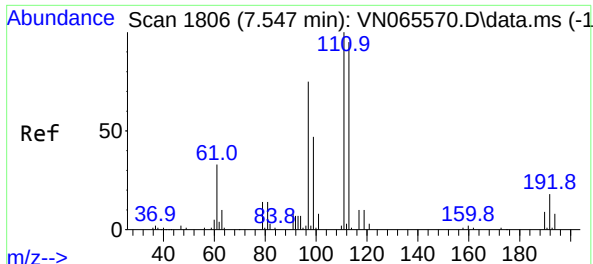
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 114 Resp: 311982
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.5 0.0 30.6





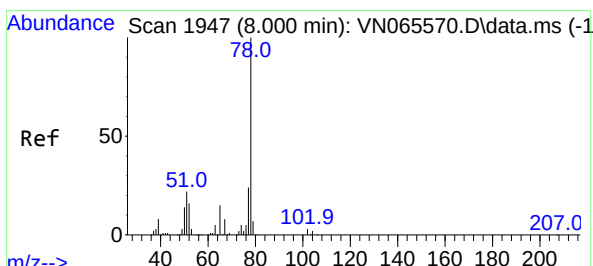
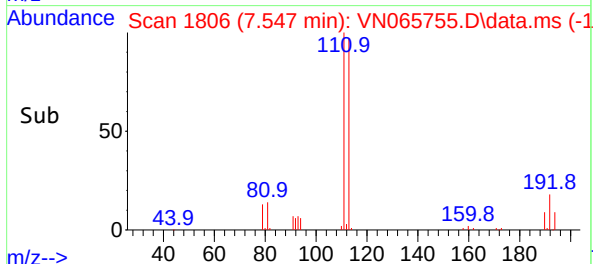
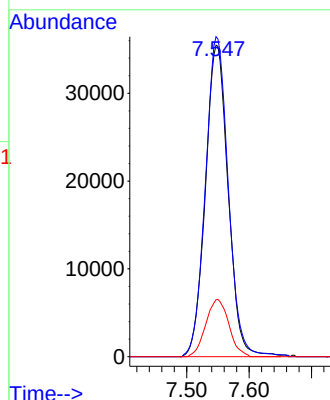
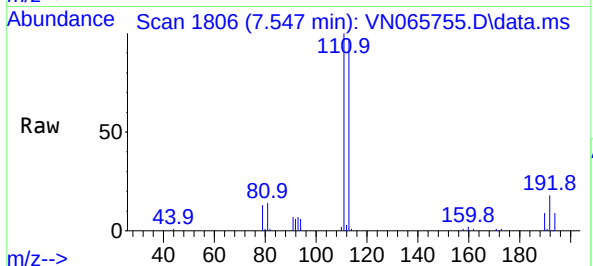
#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 113 Resp: 90093
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.6 15.4 23.0

Instrument :
MSVOA_N
ClientSampleId :
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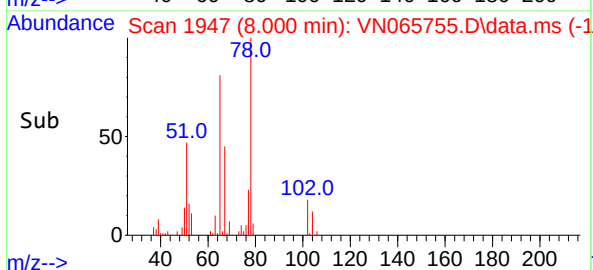
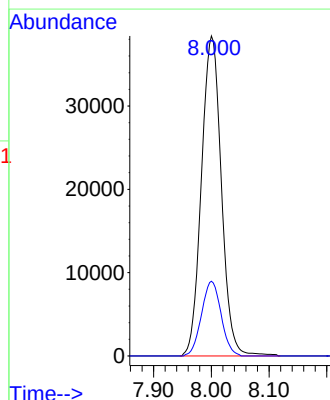
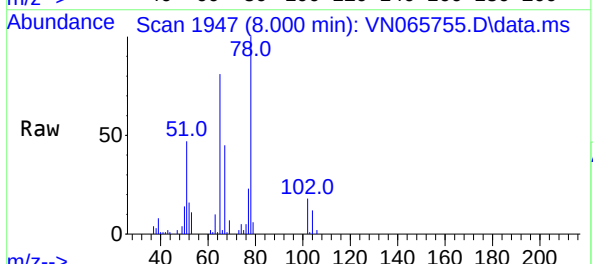
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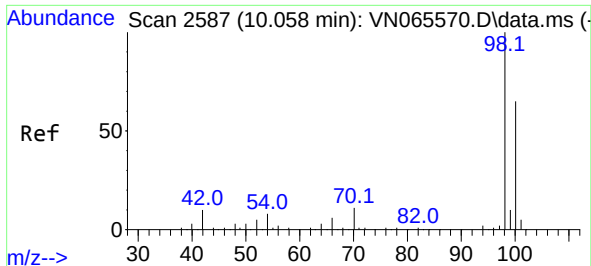
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#40
Benzene
Concen: 9.60 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 78 Resp: 92075
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





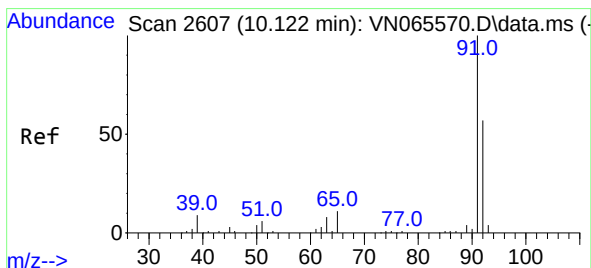
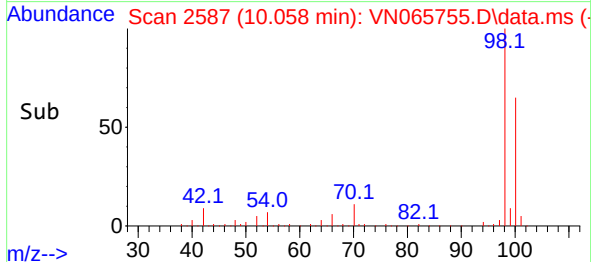
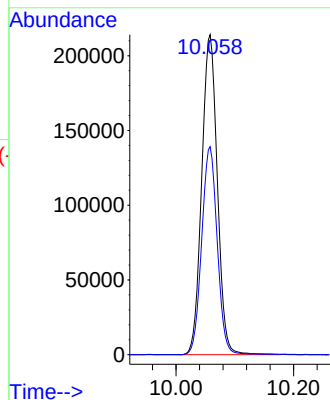
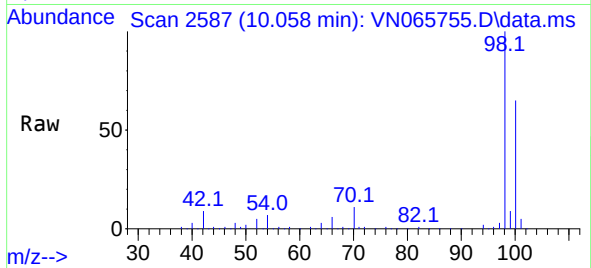
#50
Toluene-d8
Concen: 54.24 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 98 Resp: 394189
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

Instrument :
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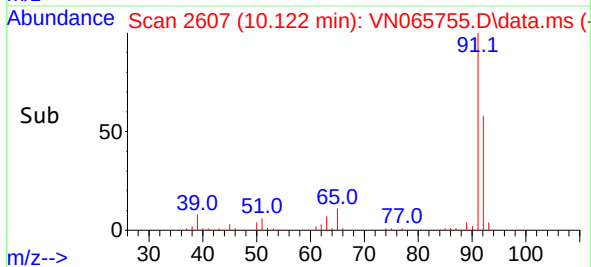
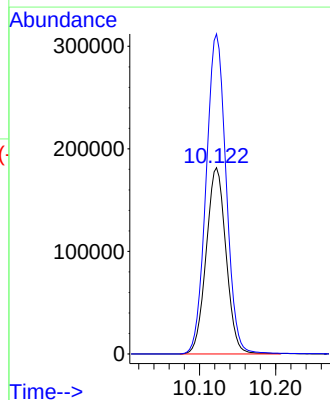
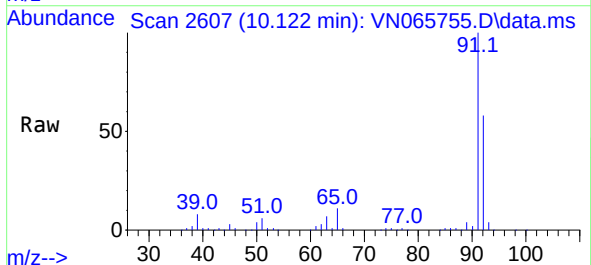
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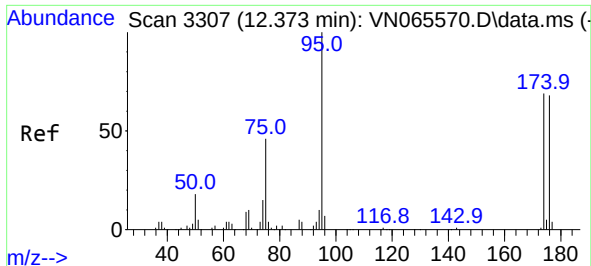
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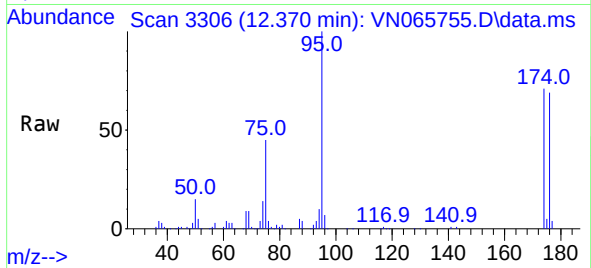
#52
Toluene
Concen: 57.98 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 92 Resp: 329296
Ion Ratio Lower Upper
92 100
91 173.5 140.7 211.1

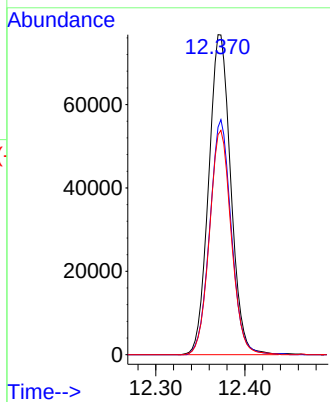
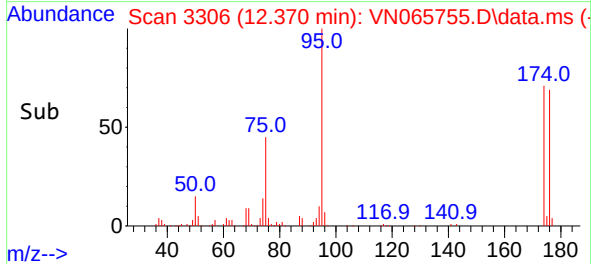




#62
4-Bromofluorobenzene
Concen: 50.54 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



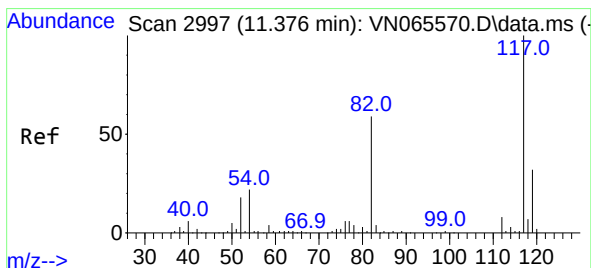
Tgt Ion: 95 Resp: 132264
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 69.2 0.0 162.4



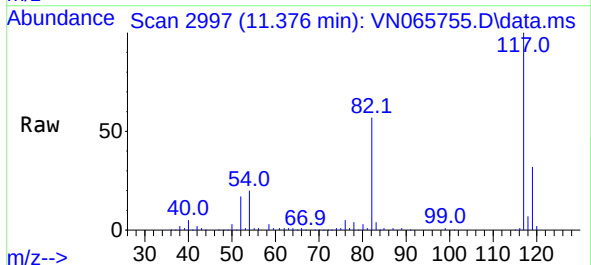
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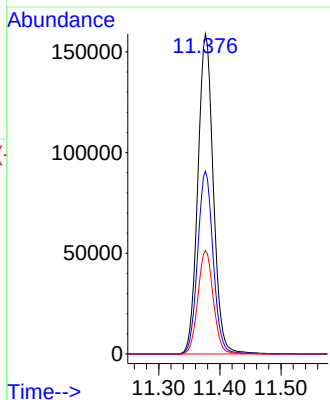
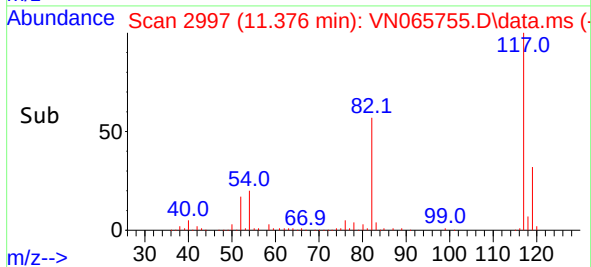
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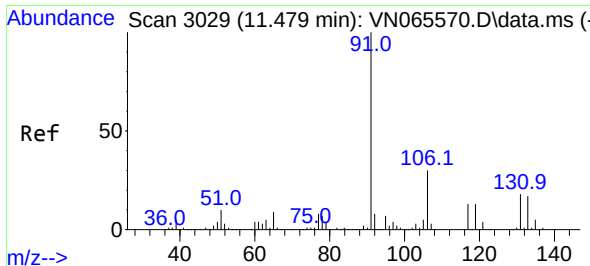


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

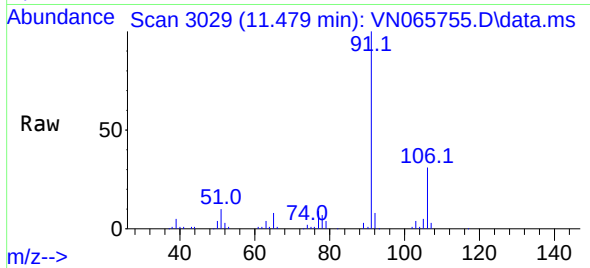


Tgt Ion: 117 Resp: 278722
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.3 26.1 39.1

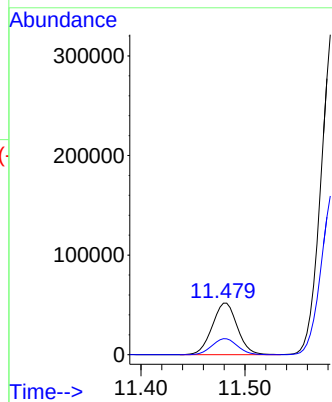
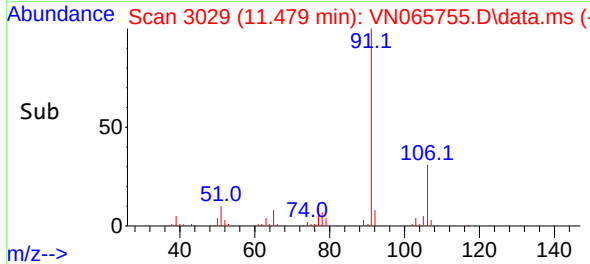




#67
Ethyl Benzene
Concen: 7.96 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



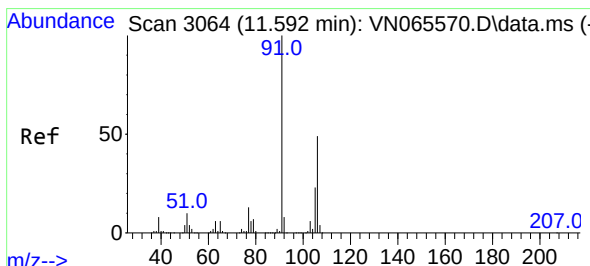
Tgt Ion: 91 Resp: 87157
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



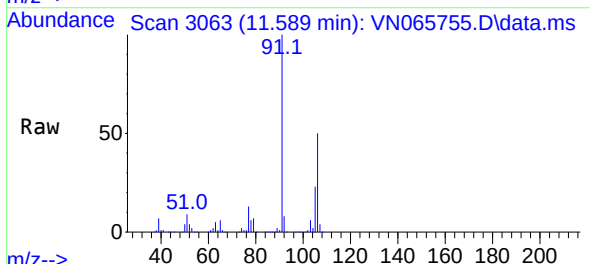
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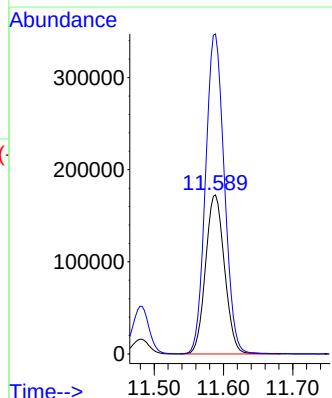
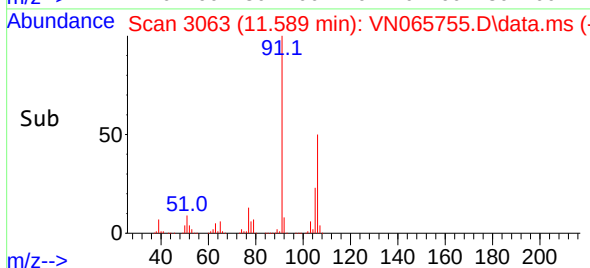
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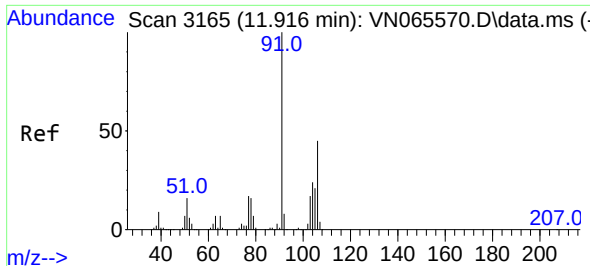


#68
m/p-Xylenes
Concen: 82.58 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



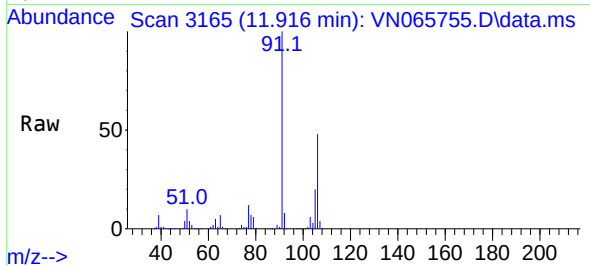
Tgt Ion:106 Resp: 327472
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.0





#69
o-Xylene
Concen: 43.60 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

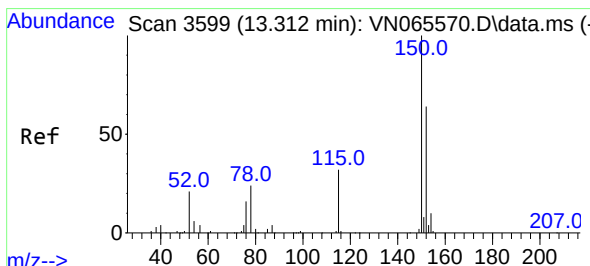
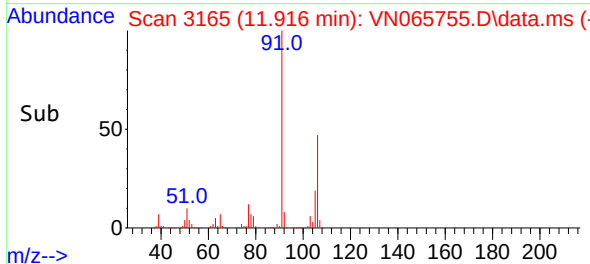
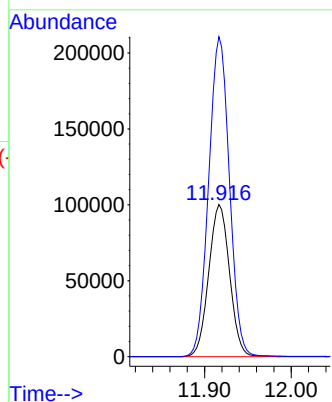
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387



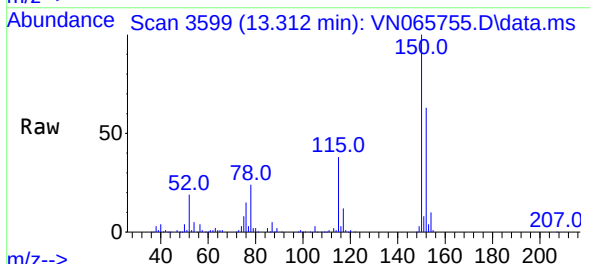
Tgt Ion:106 Resp: 167522
Ion Ratio Lower Upper
106 100
91 210.0 106.8 320.4

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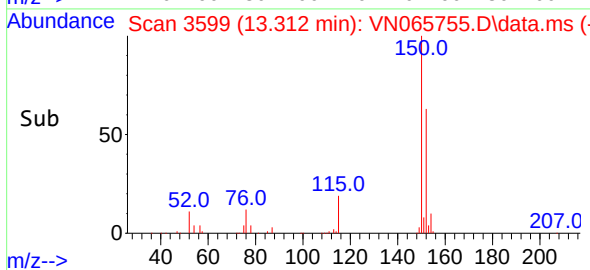
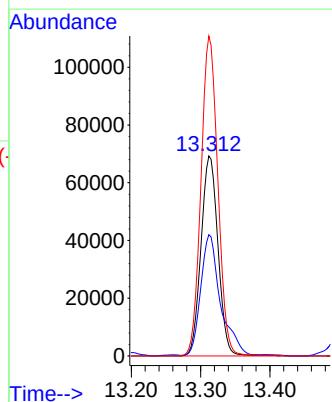
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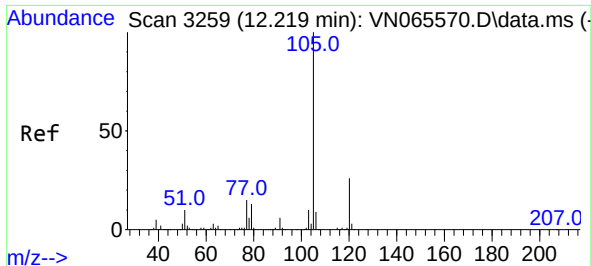


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11



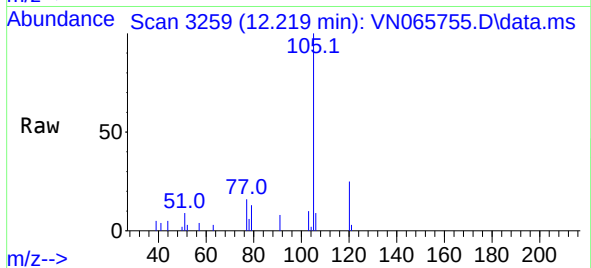
Tgt Ion:152 Resp: 118138
Ion Ratio Lower Upper
152 100
115 70.0 28.5 85.6
150 158.5 0.0 347.6





#73
Isopropylbenzene
Concen: 1.10 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

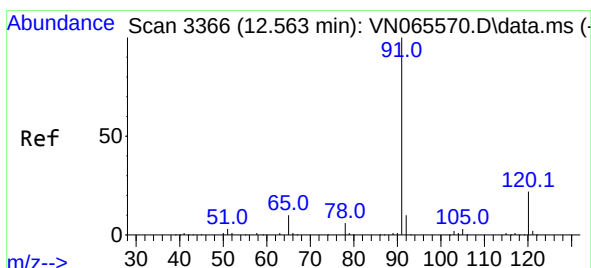
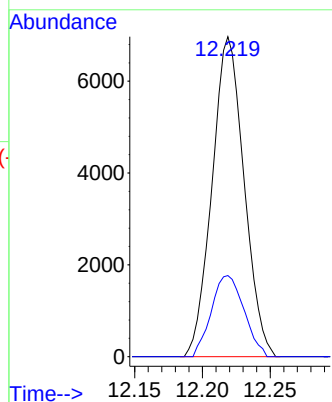
Instrument :
MSVOA_N
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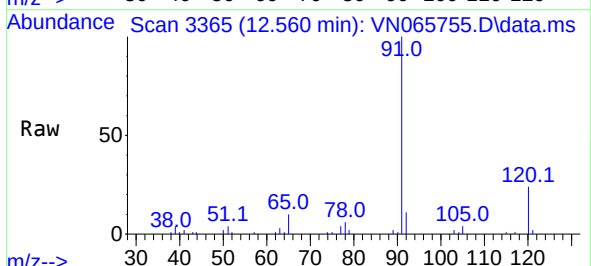
Tgt Ion:105 Resp: 11426
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

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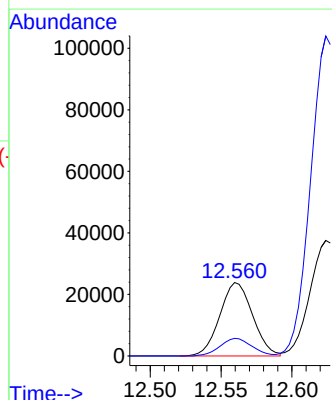
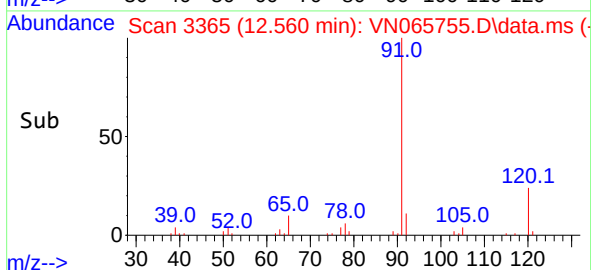
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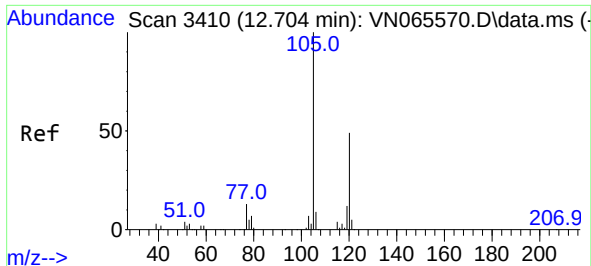


#78
n-propylbenzene
Concen: 3.16 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065755.D
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Tgt Ion: 91 Resp: 38475
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.3





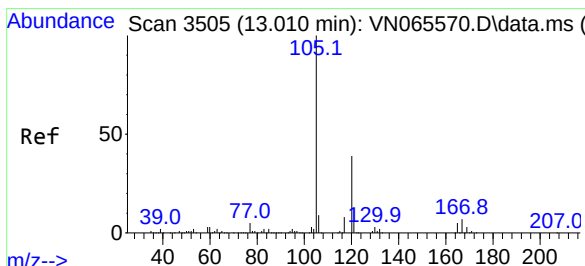
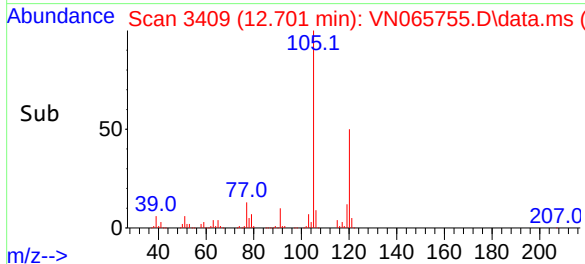
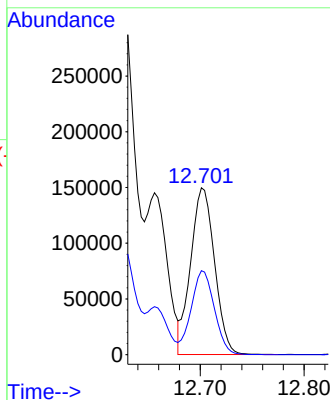
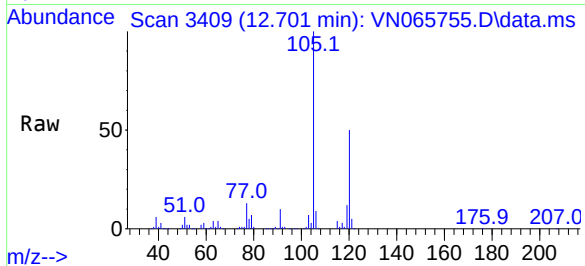
#80
1,3,5-Trimethylbenzene
Concen: 27.14 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065755.D
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Tgt Ion:105 Resp: 238999
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

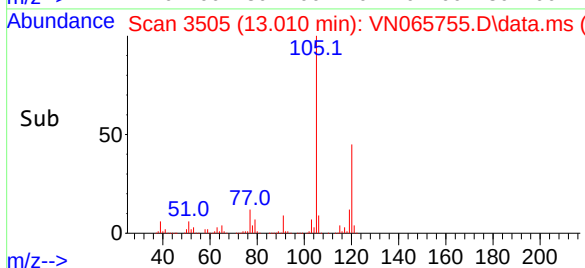
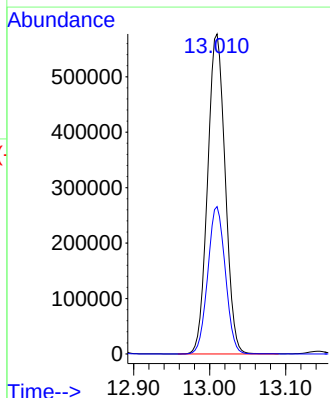
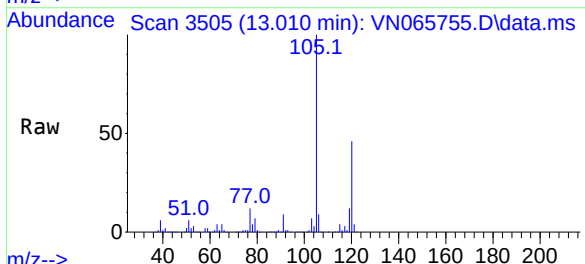
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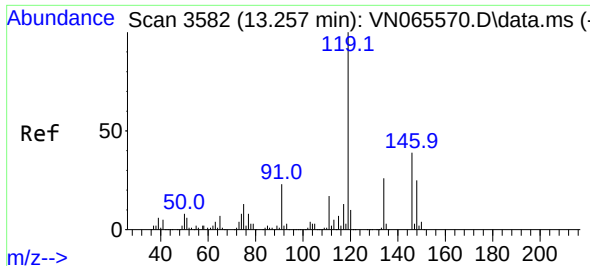
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#84
1,2,4-Trimethylbenzene
Concen: 105.56 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065755.D
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Tgt Ion:105 Resp: 927291
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0





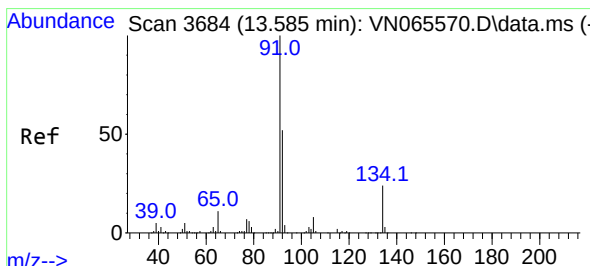
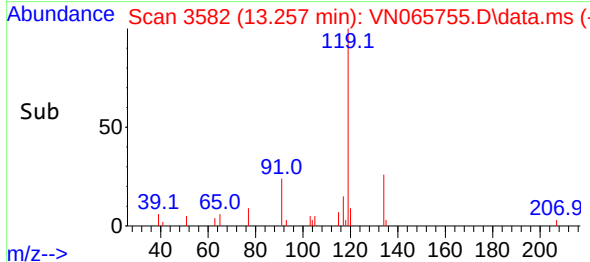
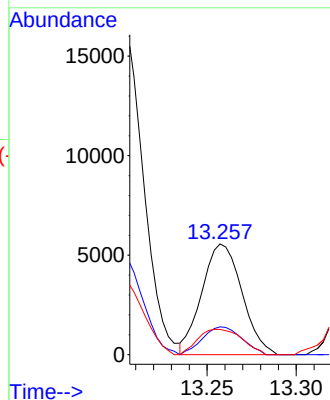
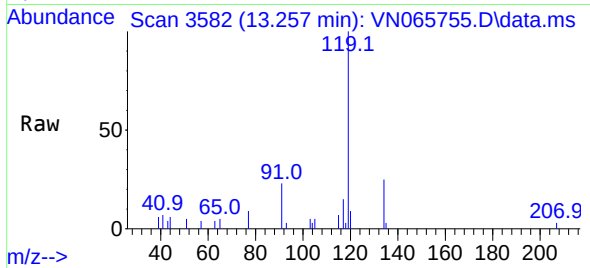
#86
p-Isopropyltoluene
Concen: 1.00 ug/l m
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Tgt Ion: 119 Resp: 8713
Ion Ratio Lower Upper
119 100
134 87.9 13.3 39.8#
91 71.8 11.8 35.3#

Instrument :
MSVOA_N
ClientSampleId :
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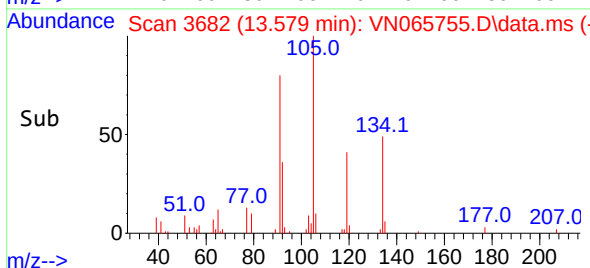
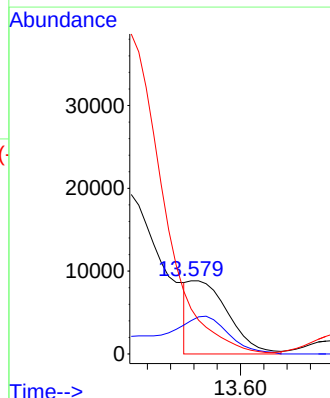
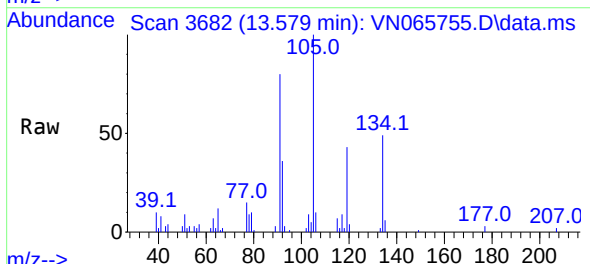
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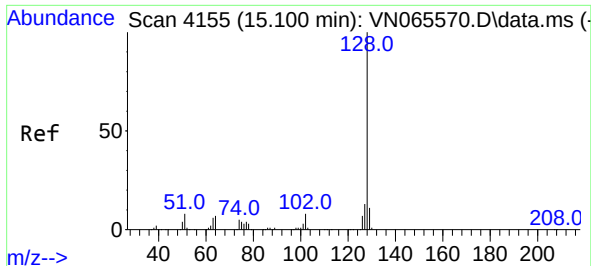
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#89
n-Butylbenzene
Concen: 1.32 ug/l m
RT: 13.579 min Scan# 3682
Delta R.T. -0.006 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

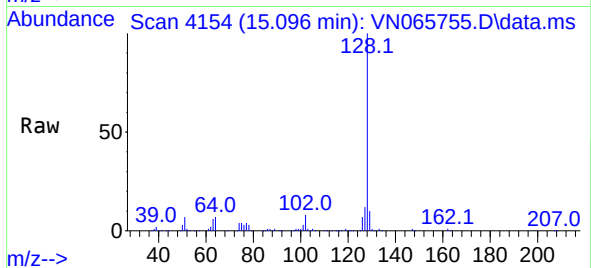
Tgt Ion: 91 Resp: 10405
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 644.9 13.0 38.9#





#95
Naphthalene
Concen: 48.47 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.004 min
Lab File: VN065755.D
Acq: 8 Feb 2021 15:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 370089
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 13.0

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