

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030320\
 Data File : VN060334.D
 Acq On : 3 Mar 2020 16:57
 Operator : JC/MD
 Sample : L1757-01ME
 Misc : 6.96g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-030220ME

Quant Time: Mar 04 02:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	296682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	116411	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	7.56	113	49057	35.62	ug/l	0.00
Spiked Amount			Recovery	=	71.24%	
50) Toluene-d8	10.08	98	375864	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.40	95	181491	68.69	ug/l	0.00
Spiked Amount			Recovery	=	137.38%	

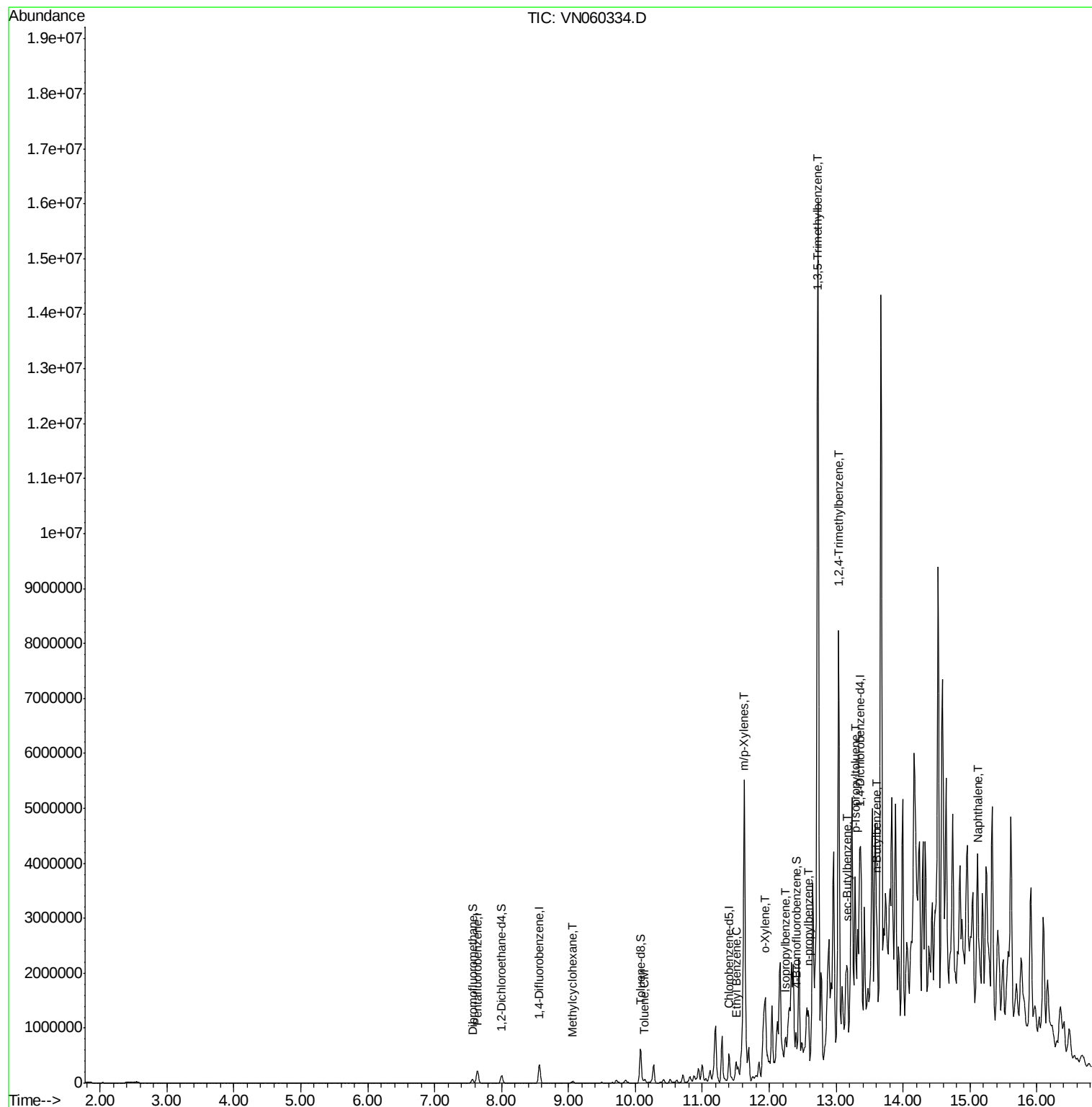
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.06	83	12064	3.619	ug/l	92
52) Toluene	10.14	92	27203	5.262	ug/l	100
67) Ethyl Benzene	11.51	91	222107	21.006	ug/l	100
68) m/p-Xylenes	11.61	106	369300	92.575	ug/l	99
69) o-Xylene	11.94	106	251250	66.048	ug/l	100
73) Isopropylbenzene	12.25	105	170110	12.571	ug/l	99
78) n-propylbenzene	12.59	91	734375	46.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1293024	113.487	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3650731	317.453	ug/l	90
85) sec-Butylbenzene	13.17	105	427708	32.378	ug/l	79
86) p-Isopropyltoluene	13.29	119	347267	28.403	ug/l	100
89) n-Butylbenzene	13.61	91	748337	66.676	ug/l #	78
95) Naphthalene	15.13	128	206079	18.774	ug/l #	76

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

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Instrument :
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Quant Time: Mar 04 02:46:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

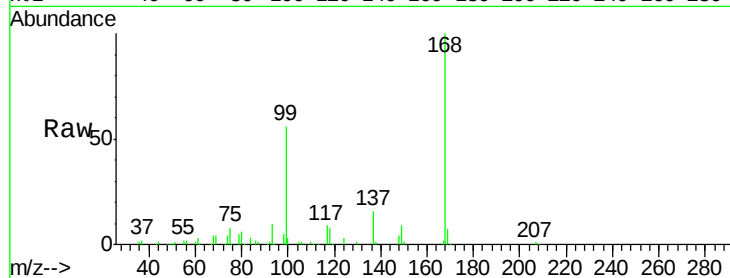
EO-02-030220ME

Tot Ion:168 Resp: 184198

Ion Ratio Lower Upper

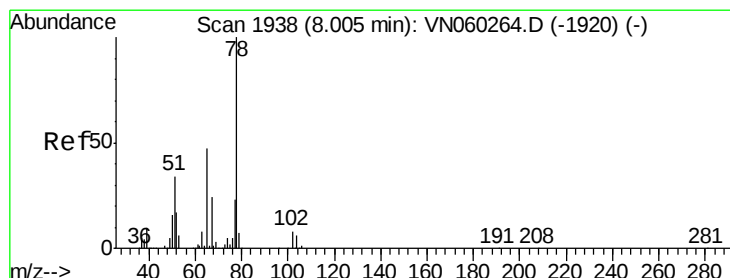
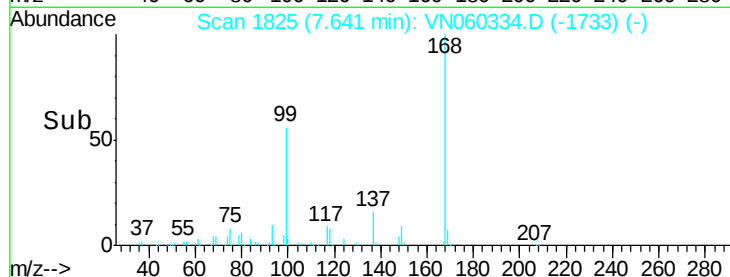
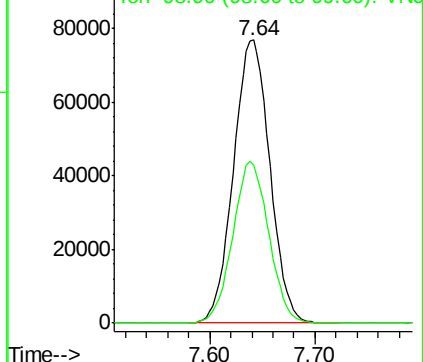
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.258 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060334.D

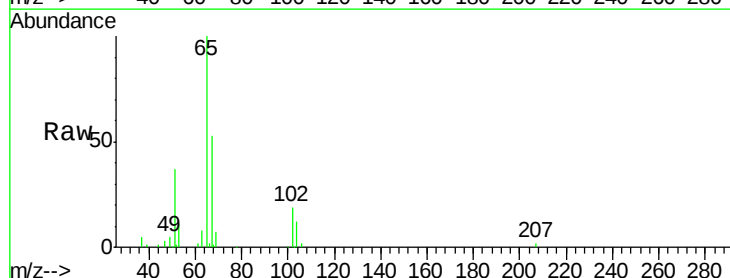
Acq: 3 Mar 2020 16:57

Tgt Ion: 65 Resp: 116411

Ion Ratio Lower Upper

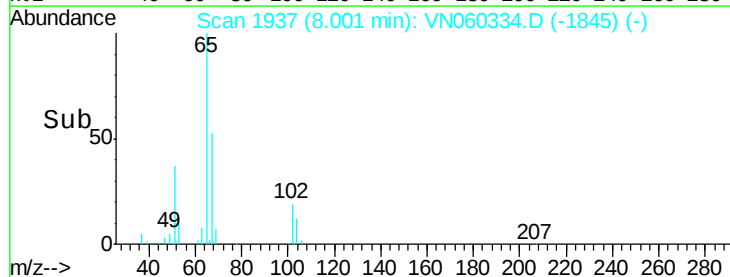
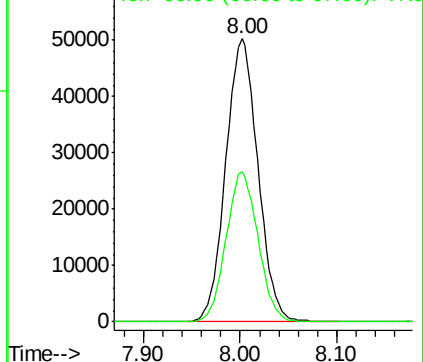
65 100

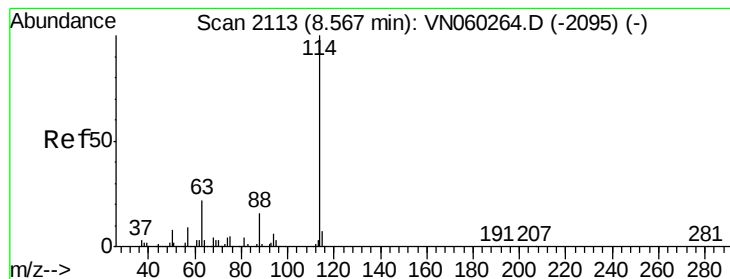
67 52.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

EO-02-030220ME

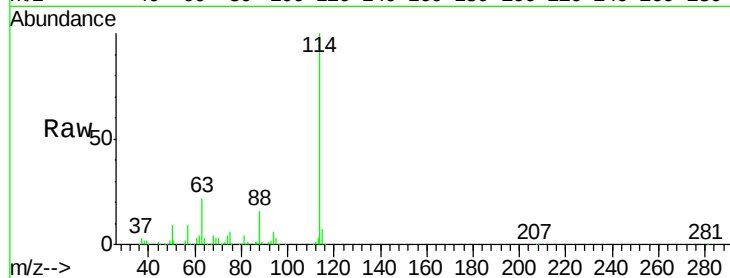
Tot Ion:114 Resp: 296682

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

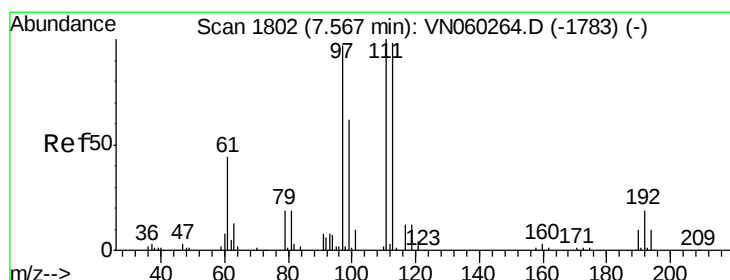
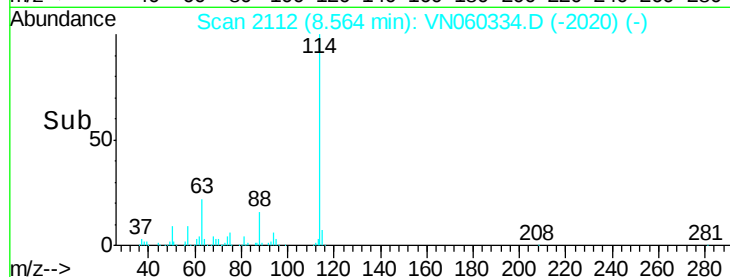
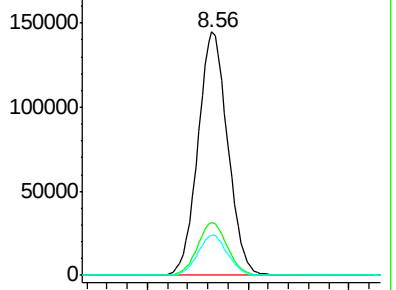
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 35.623 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

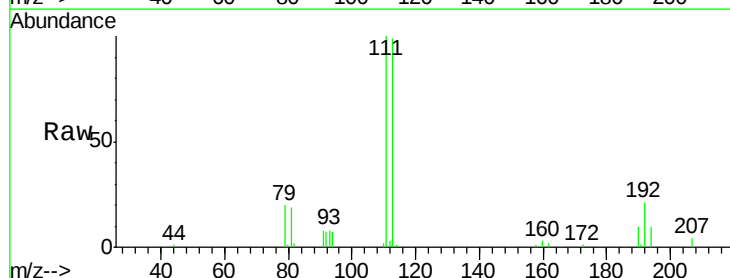
Tgt Ion:113 Resp: 49057

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

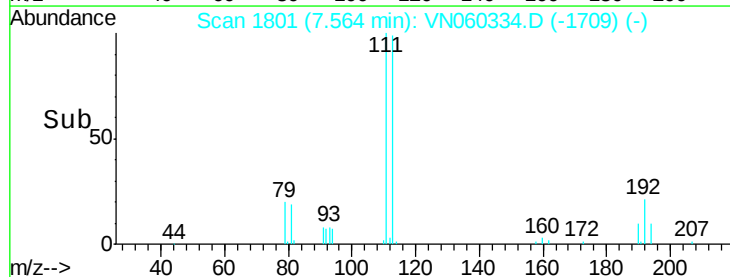
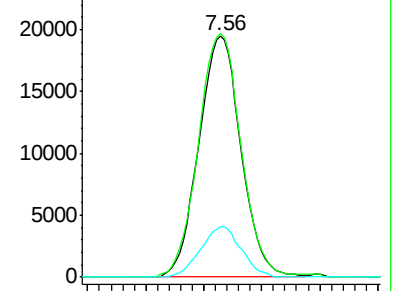
192 20.1 16.2 24.2

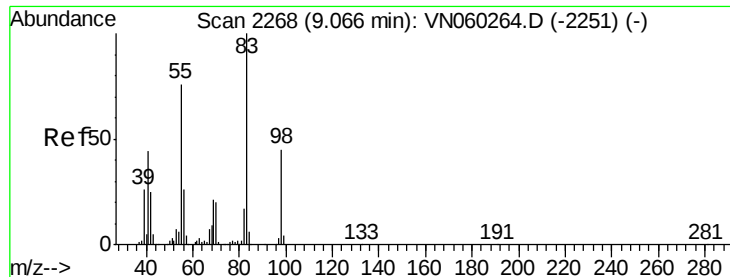


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

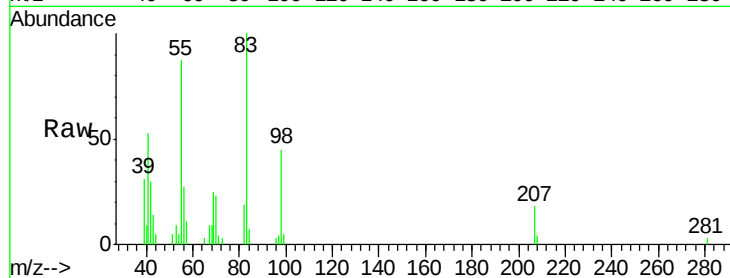




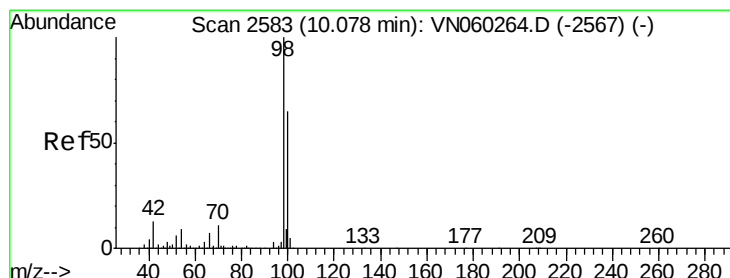
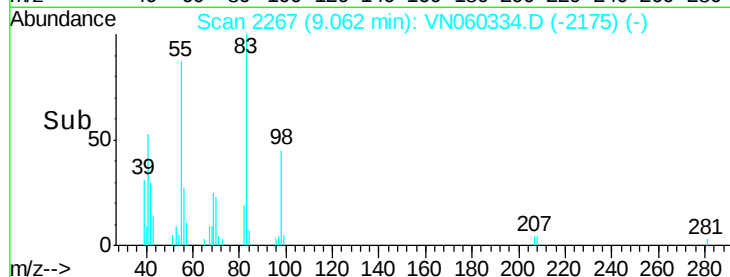
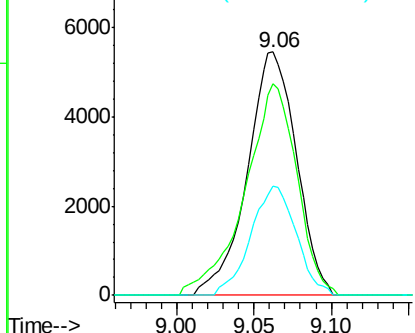
#39
Methvlcvclohexane
Concen: 3.619 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Instrument :
MSVOA_N
ClientSampleId :
EO-02-030220ME

Tot Ion: 83 Resp: 12064
Ion Ratio Lower Upper
83 100
55 87.1 61.0 91.4
98 44.6 36.1 54.1

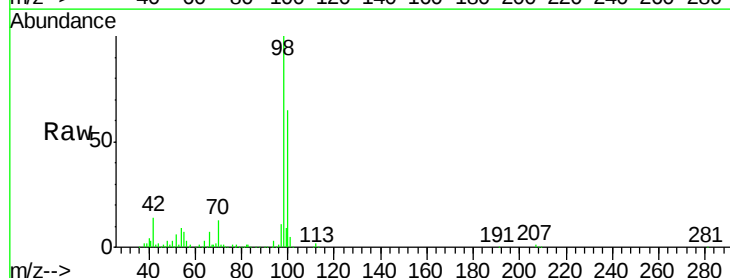


Abundance Ion 83.00 (82.70 to 83.70): VN060334.D (-2267) (-)
Ion 55.00 (54.70 to 55.70): VN060334.D (-2267) (-)
Ion 98.00 (97.70 to 98.70): VN060334.D (-2267) (-)

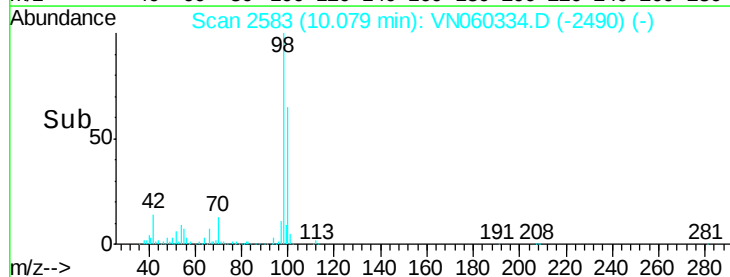
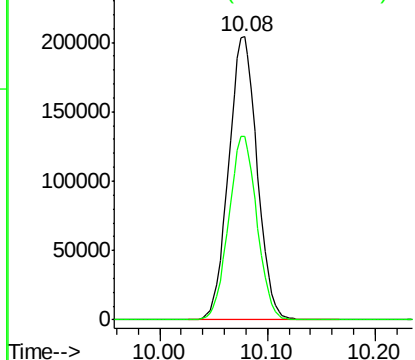


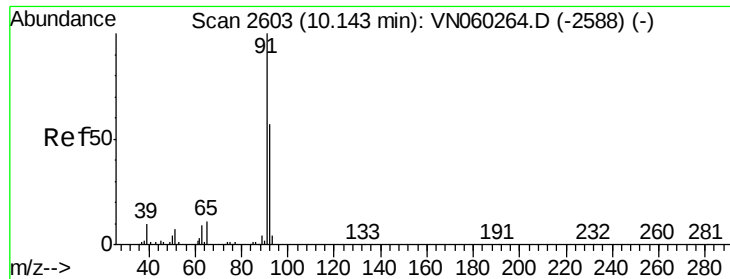
#50
Toluene-d8
Concen: 53.928 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion: 98 Resp: 375864
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060334.D (-2582) (-)
Ion 100.00 (99.70 to 100.70): VN060334.D (-2582) (-)





#52

Toluene

Concen: 5.262 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

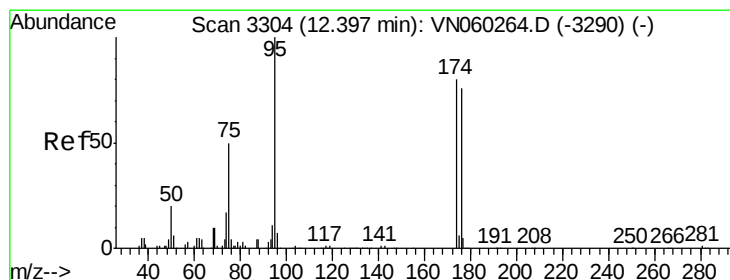
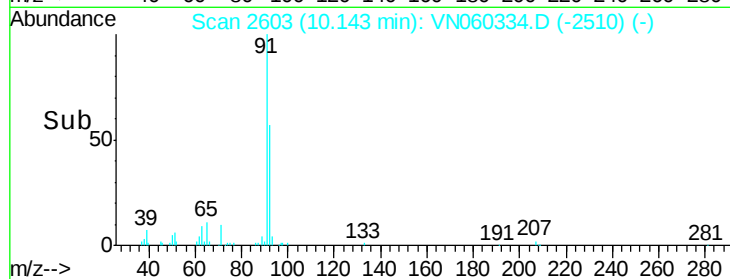
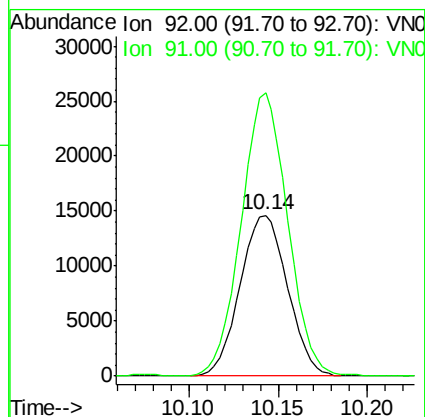
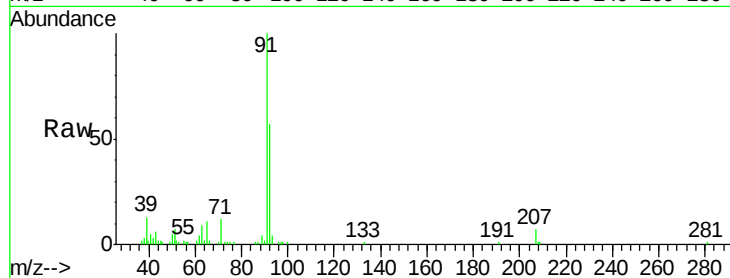
EO-02-030220ME

Tot Ion: 92 Resp: 27203

Ion Ratio Lower Upper

92 100

91 172.5 138.1 207.1



#62

4-Bromofluorobenzene

Concen: 68.694 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

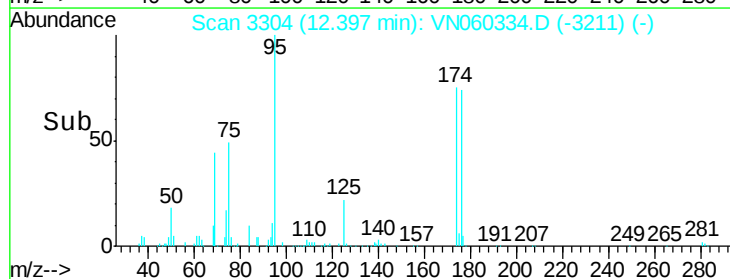
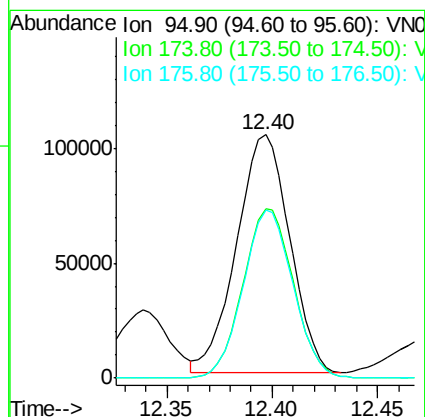
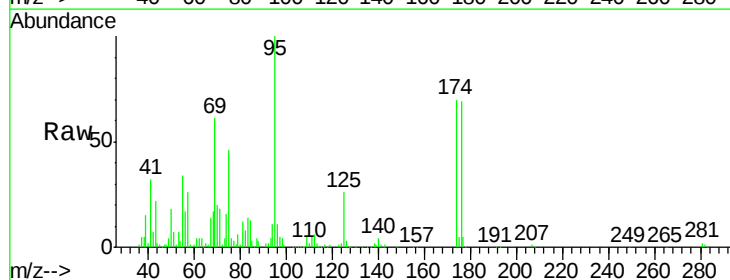
Tgt Ion: 95 Resp: 181491

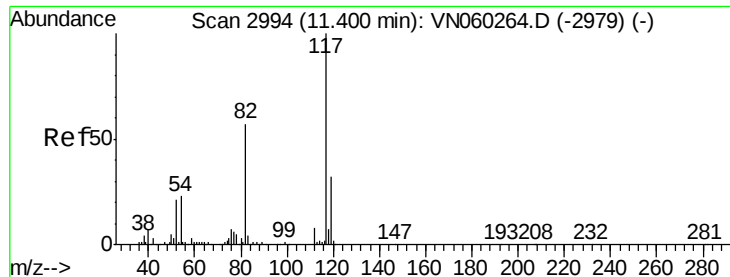
Ion Ratio Lower Upper

95 100

174 67.8 0.0 159.2

176 66.3 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

EO-02-030220ME

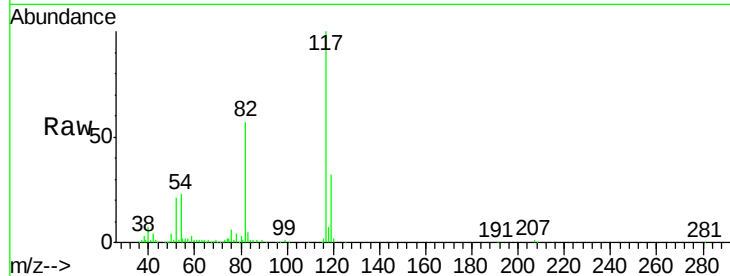
Tot Ion:117 Resp: 287533

Ion Ratio Lower Upper

117 100

82 55.7 45.8 68.6

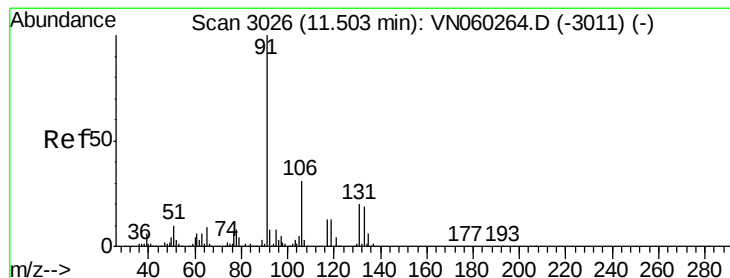
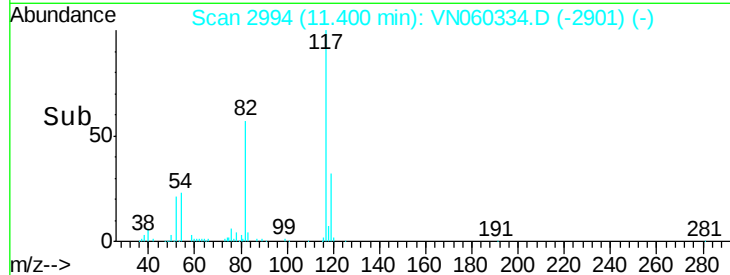
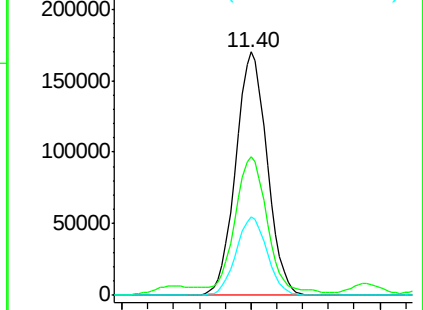
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 21.006 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060334.D

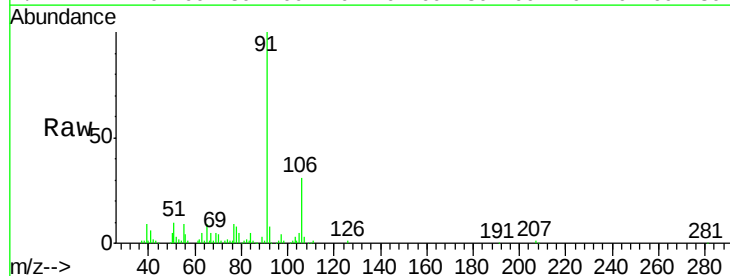
Acq: 3 Mar 2020 16:57

Tgt Ion: 91 Resp: 222107

Ion Ratio Lower Upper

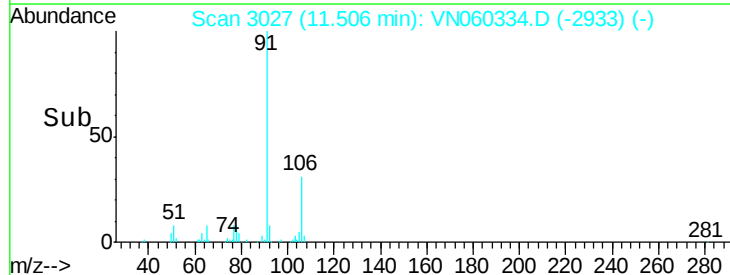
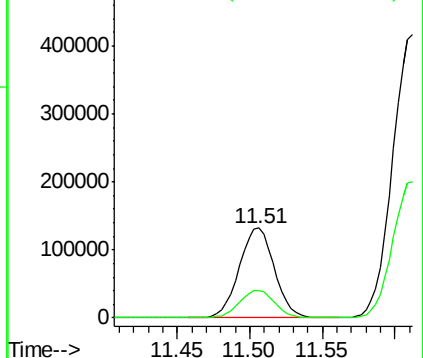
91 100

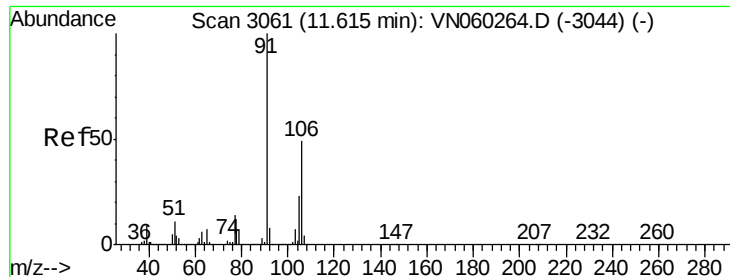
106 31.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

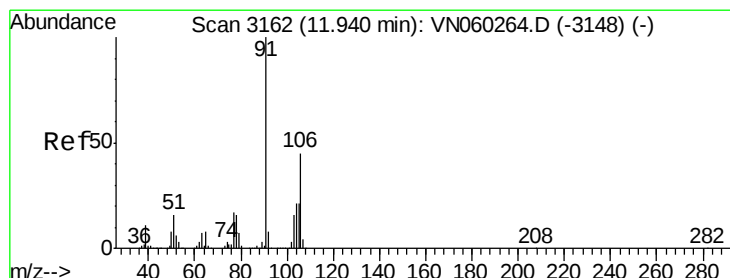
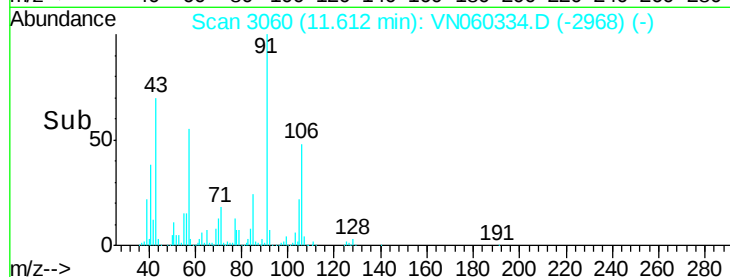
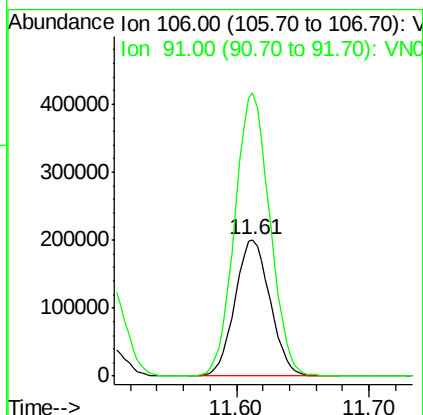
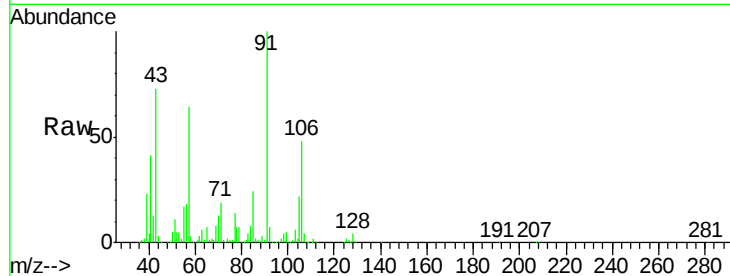




#68
m/p-Xylenes
Concen: 92.575 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

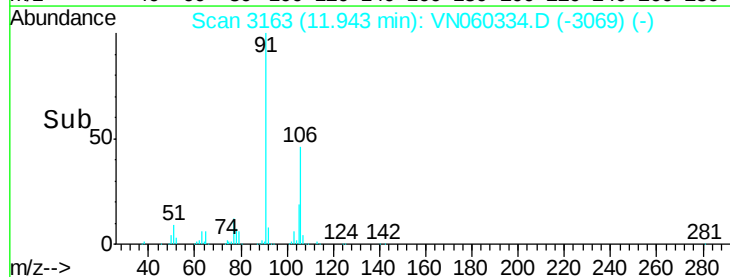
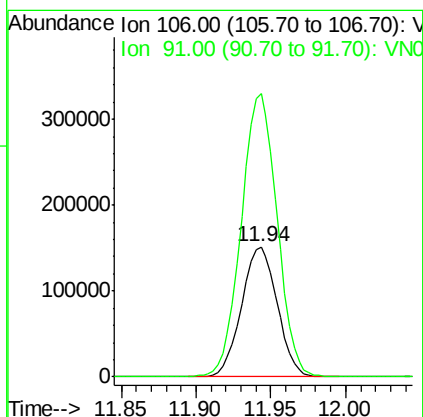
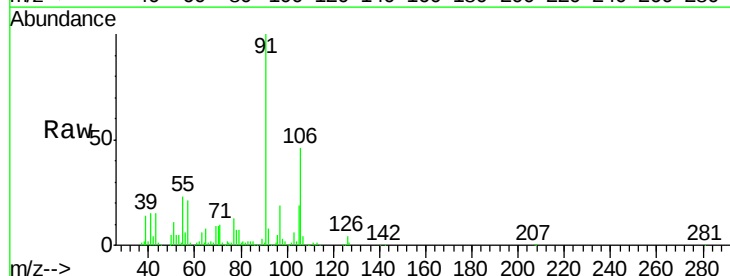
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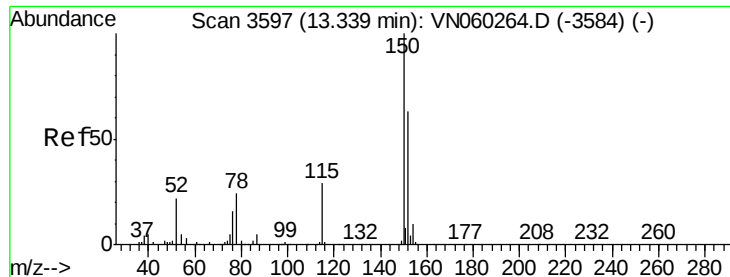
Tot Ion:106 Resp: 369300
Ion Ratio Lower Upper
106 100
91 206.9 164.5 246.7



#69
o-Xylene
Concen: 66.048 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060334.D
Acq: 3 Mar 2020 16:57

Tgt Ion:106 Resp: 251250
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

EO-02-030220ME

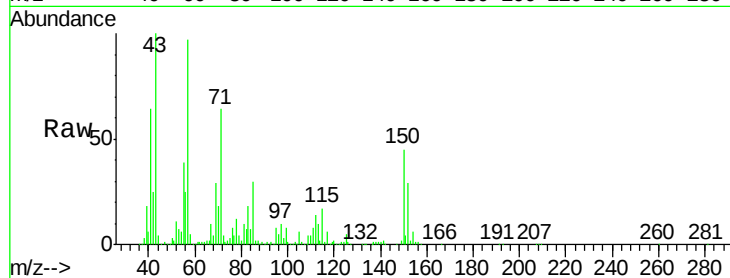
Tot Ion:152 Resp: 182576

Ion Ratio Lower Upper

152 100

115 53.9 30.0 90.0

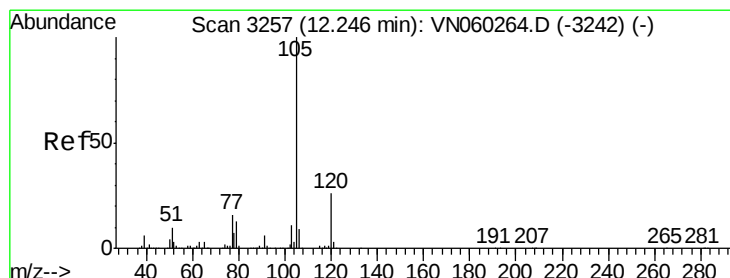
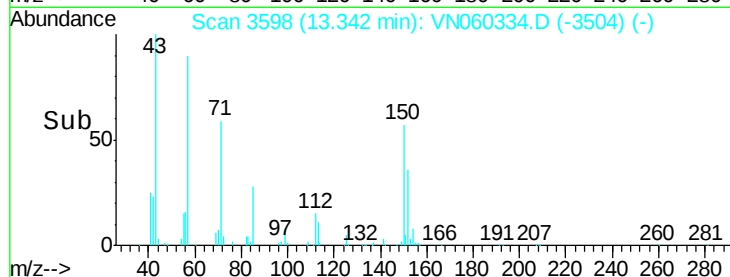
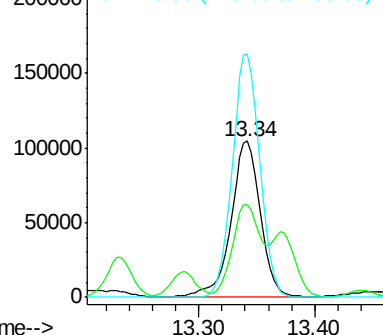
150 147.4 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 12.571 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060334.D

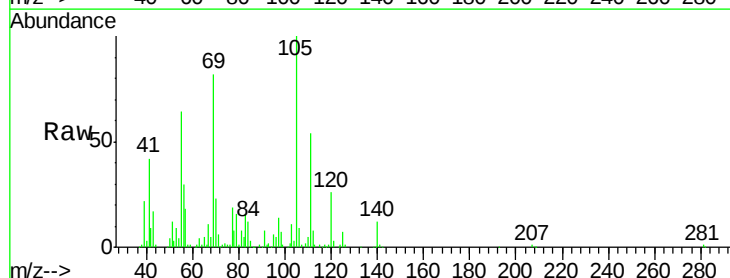
Acq: 3 Mar 2020 16:57

Tgt Ion:105 Resp: 170110

Ion Ratio Lower Upper

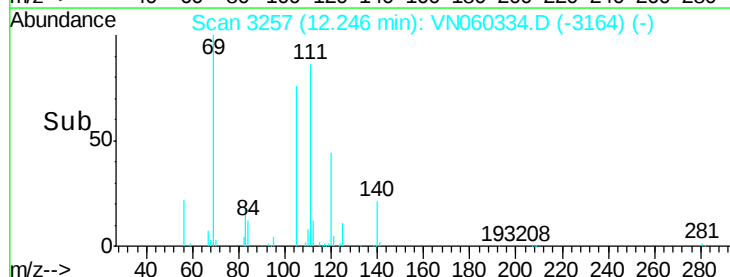
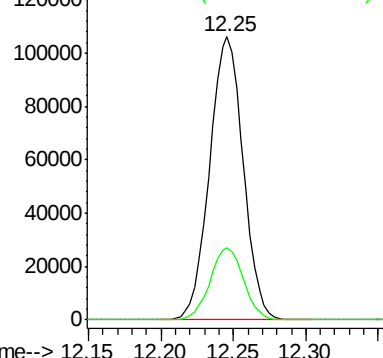
105 100

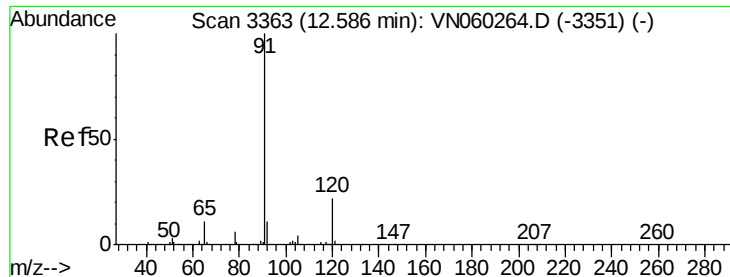
120 25.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 46.297 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

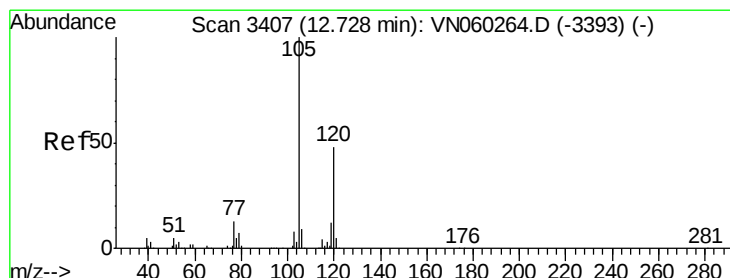
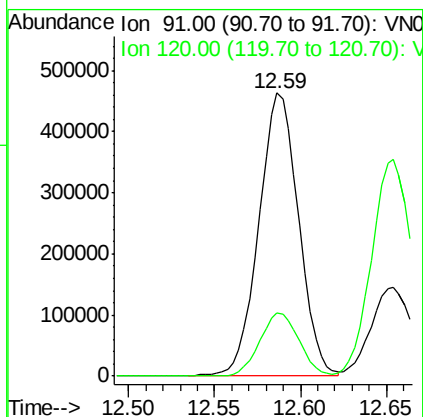
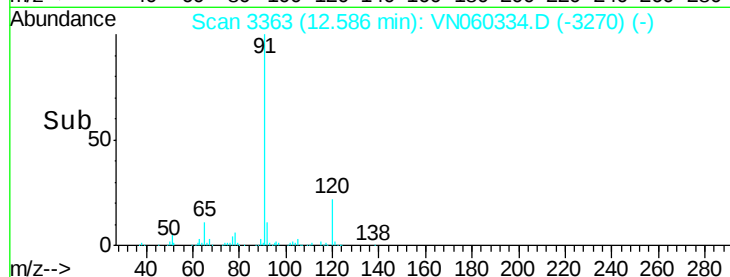
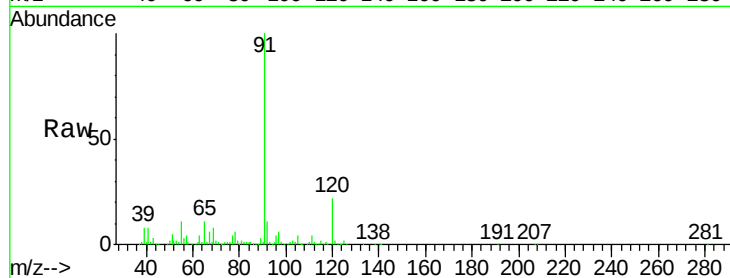
EO-02-030220ME

Tot Ion: 91 Resp: 734375

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 113.487 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060334.D

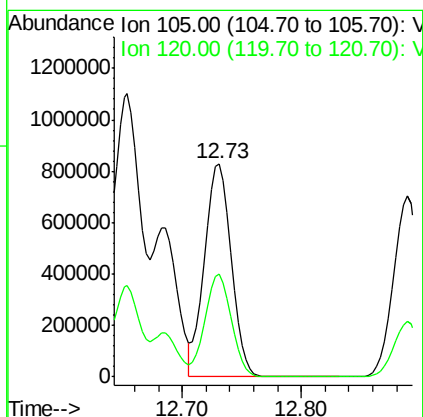
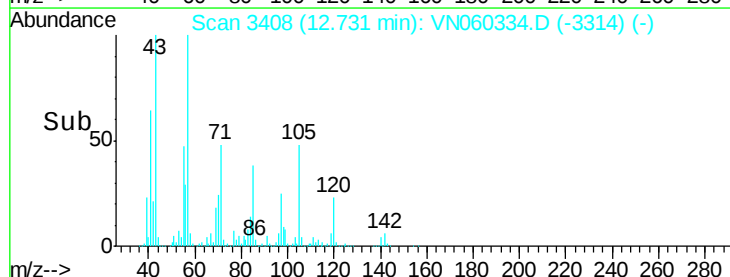
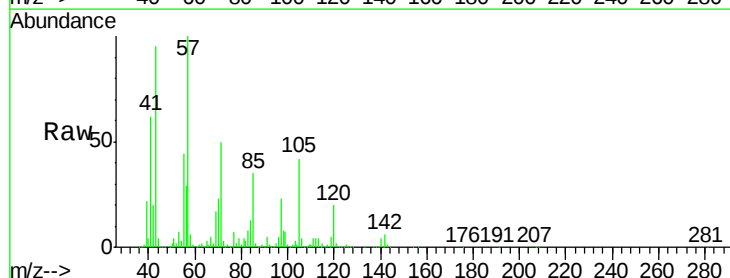
Acq: 3 Mar 2020 16:57

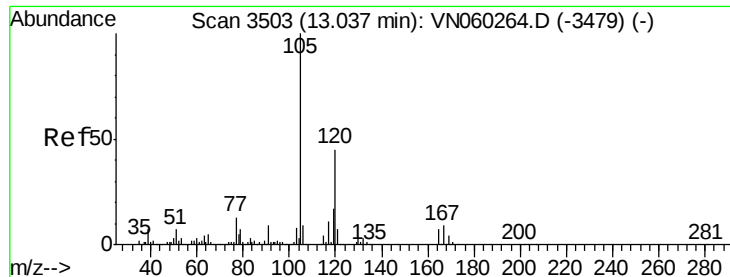
Tgt Ion:105 Resp: 1293024

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 317.453 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

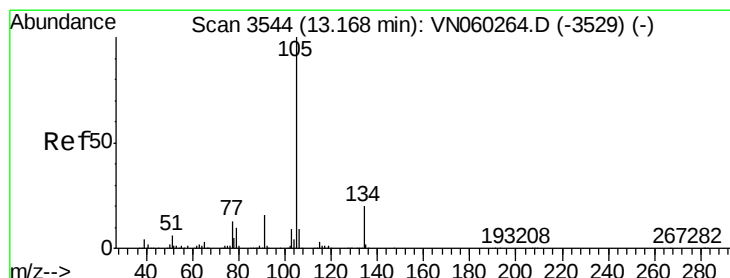
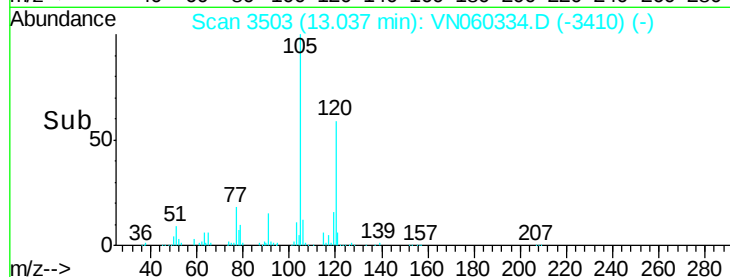
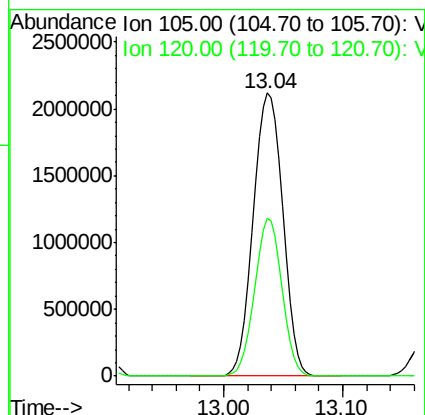
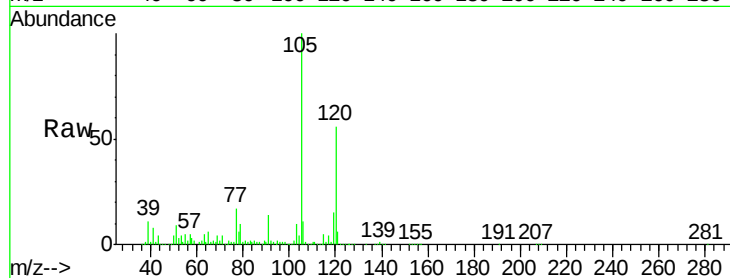
EO-02-030220ME

Tot Ion:105 Resp: 3650731

Ion Ratio Lower Upper

105 100

120 51.4 22.3 66.9



#85

sec-Butylbenzene

Concen: 32.378 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060334.D

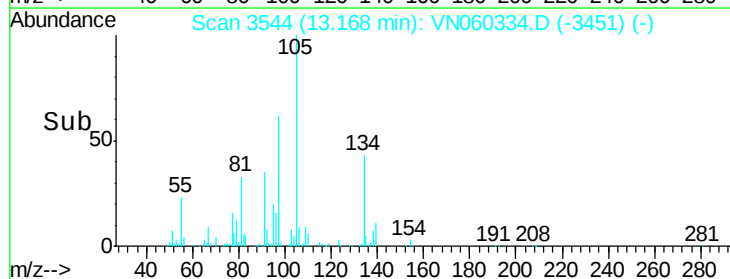
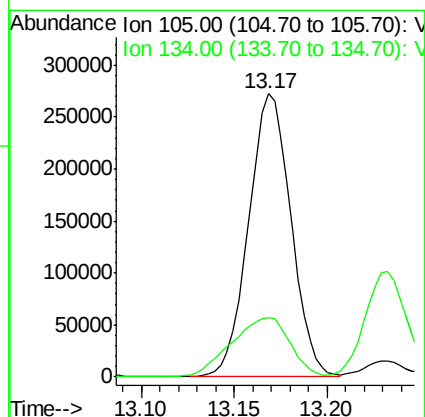
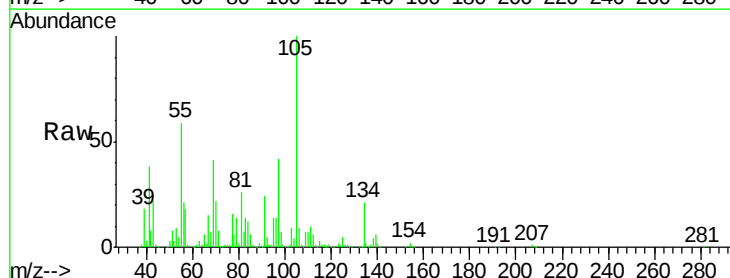
Acq: 3 Mar 2020 16:57

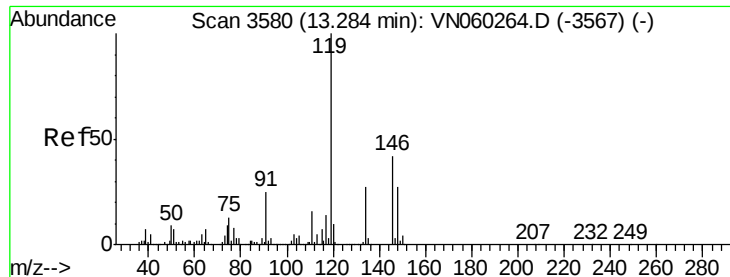
Tgt Ion:105 Resp: 427708

Ion Ratio Lower Upper

105 100

134 29.4 9.8 29.5

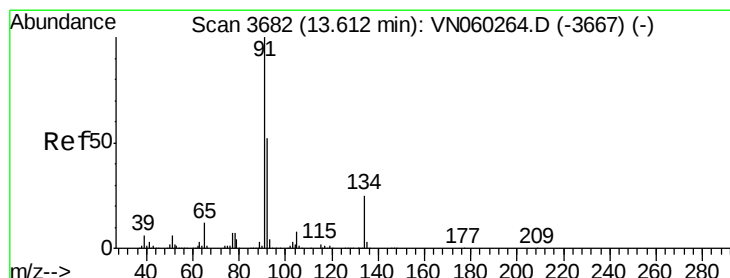
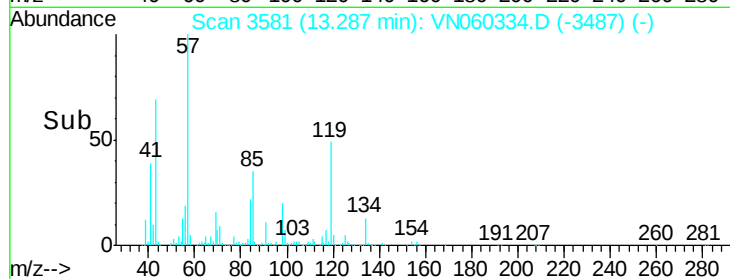
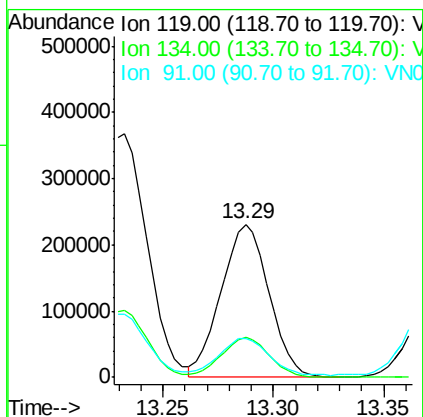
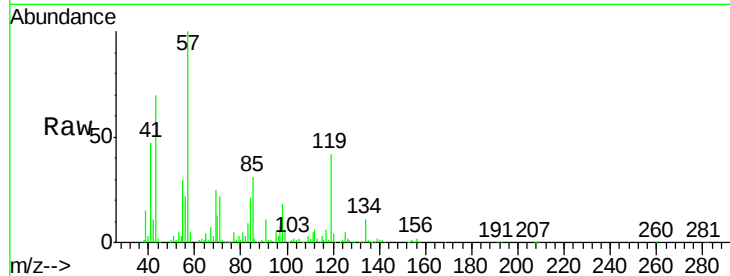




#86
 p-Isopropyltoluene
 Concen: 28.403 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

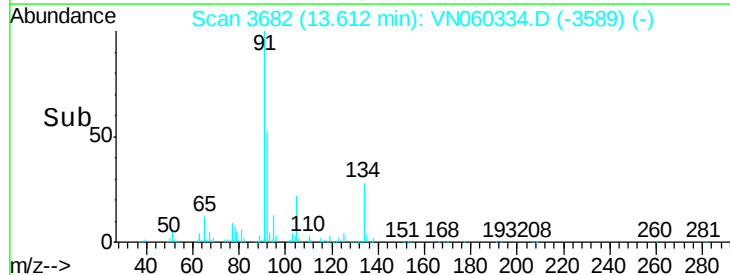
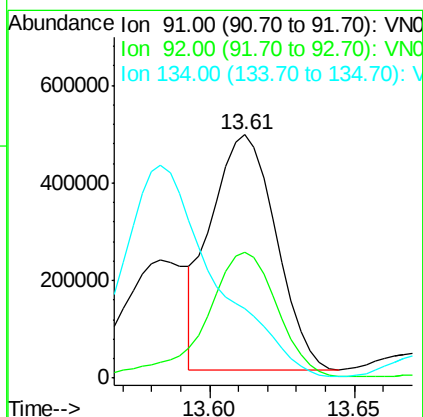
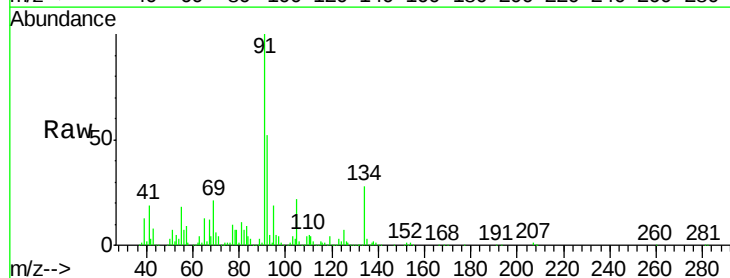
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-030220ME

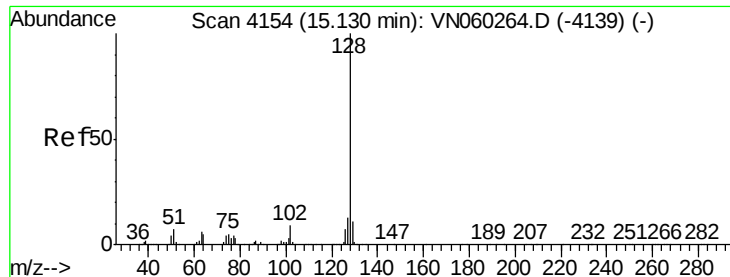
Tot Ion:	119	Resp:	347267
Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.2	39.6
91	24.3	12.2	36.6



#89
 n-Butylbenzene
 Concen: 66.676 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060334.D
 Acq: 3 Mar 2020 16:57

Tgt Ion:	91	Resp:	748337
Ion	Ratio	Lower	Upper
91	100		
92	58.1	26.0	78.0
134	0.0	12.7	38.1#





#95

Naphthalene

Concen: 18.774 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060334.D

Acq: 3 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

EO-02-030220ME

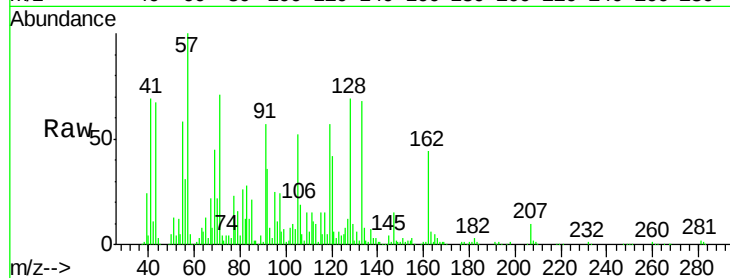
Tot Ion:128 Resp: 206079

Ion Ratio Lower Upper

128 100

127 21.1 10.4 15.6#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

