

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051155.D
 Acq On : 12 Sep 2018 17:50
 Operator : MD\SY
 Sample : J4882-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

Quant Time: Sep 13 08:31:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	941883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	372668	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	358942	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	10.09	98	1274861	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.40	95	362521	40.81	ug/l	0.00
Spiked Amount			Recovery	=	81.62%	

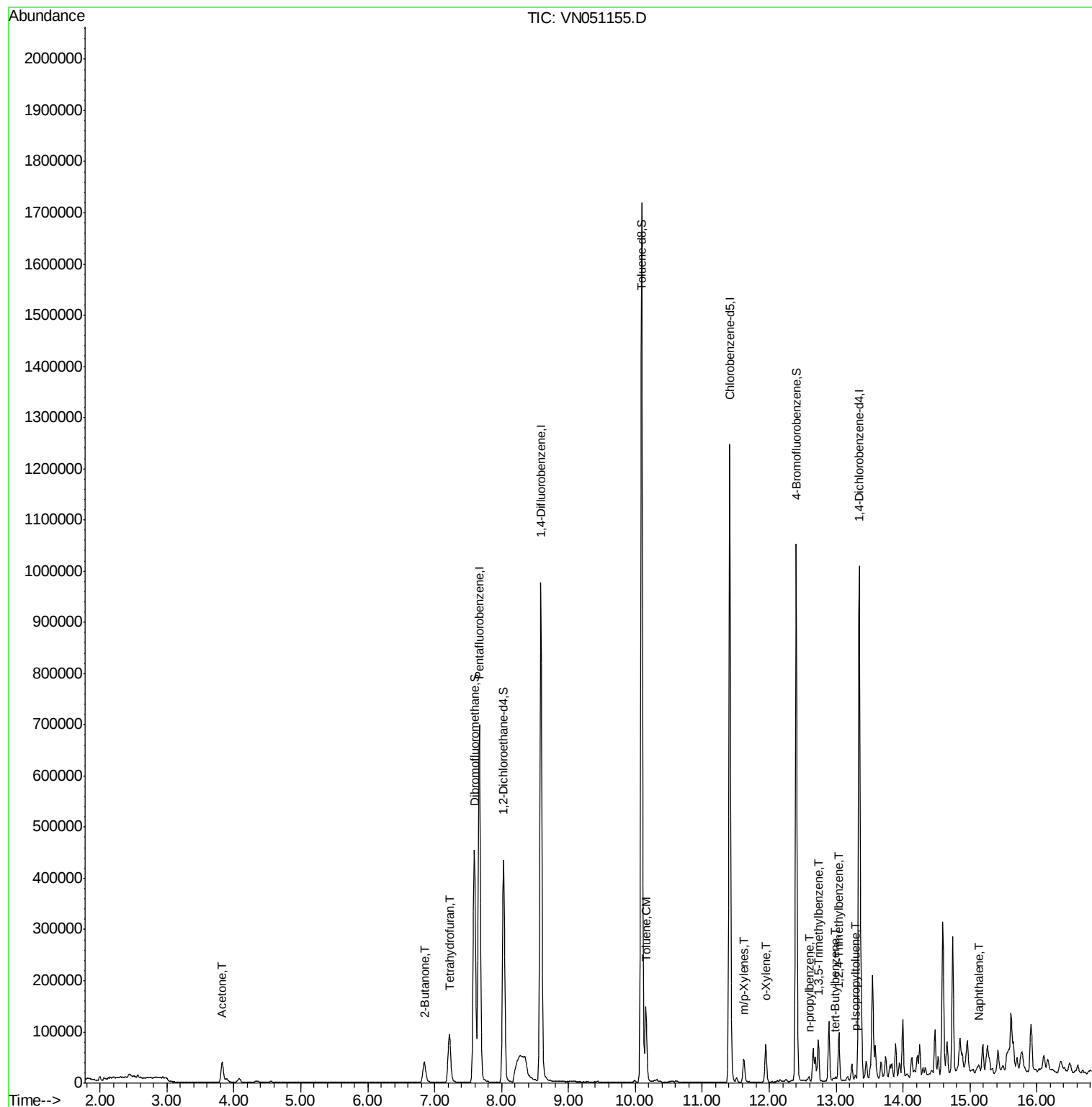
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	65518	33.01	ug/l	98
25) 2-Butanone	6.85	43	67152	24.54	ug/l	98
29) Tetrahydrofuran	7.22	42	75424	44.14	ug/l	99
52) Toluene	10.16	92	63082	3.32	ug/l	98
68) m/p-Xylenes	11.62	106	15451	1.25	ug/l	100
69) o-Xylene	11.95	106	20702	1.73	ug/l	95
78) n-propylbenzene	12.59	91	6839	0.25	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	38962	1.93	ug/l	98
83) tert-Butylbenzene	12.99	119	3960	0.22	ug/l	82
84) 1,2,4-Trimethylbenzene	13.04	105	53739	2.71	ug/l	97
86) p-Isopropyltoluene	13.29	119	4463	0.23	ug/l	96
95) Naphthalene	15.13	128	11841	6.29	ug/l #	89

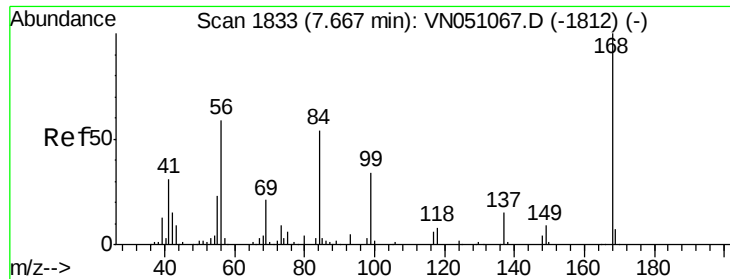
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

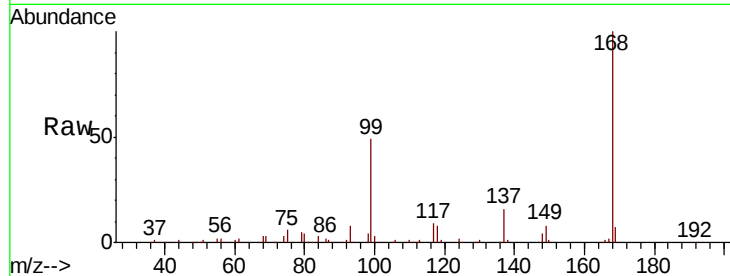
28570DL

Tot Ion:168 Resp: 625372

Ion Ratio Lower Upper

168 100

99 49.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

250000

200000

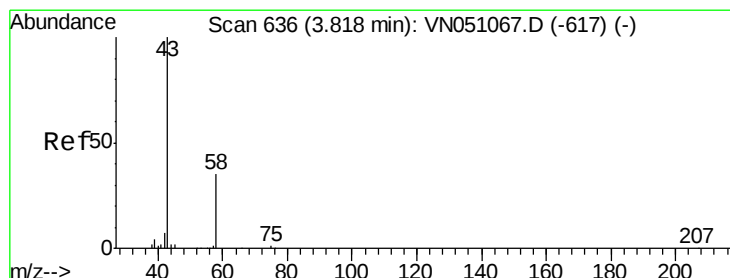
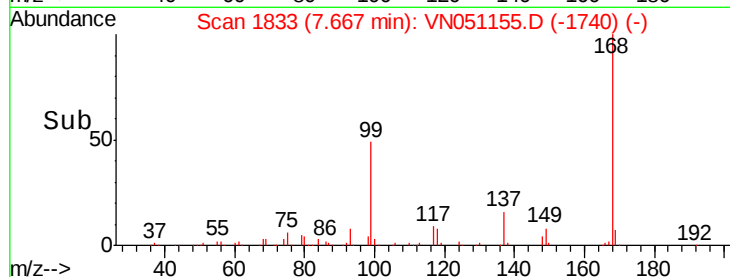
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 33.01 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051155.D

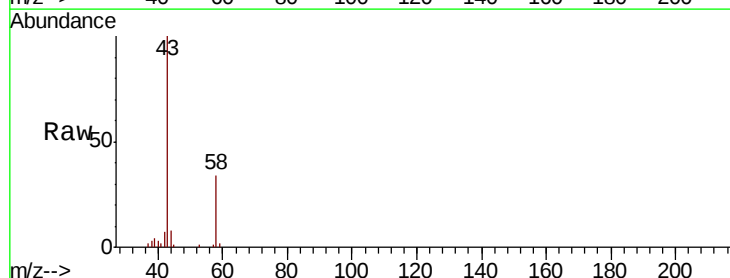
Acq: 12 Sep 2018 17:50

Tgt Ion: 43 Resp: 65518

Ion Ratio Lower Upper

43 100

58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

3.82

25000

20000

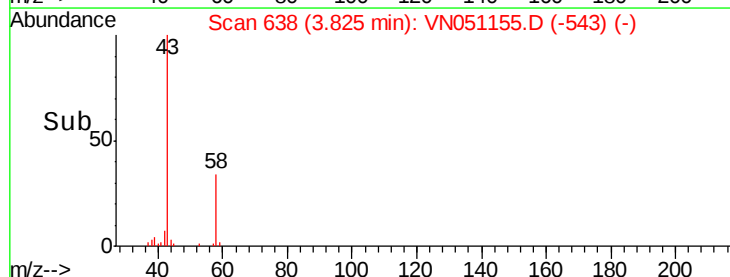
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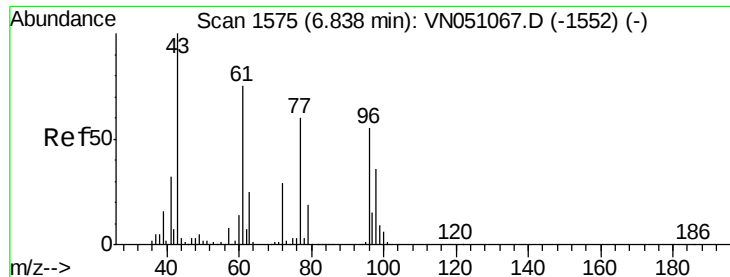
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0

Time-->

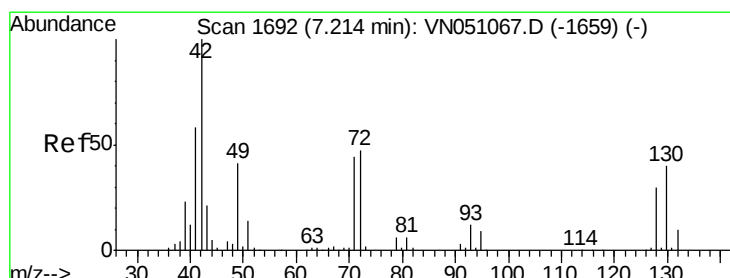
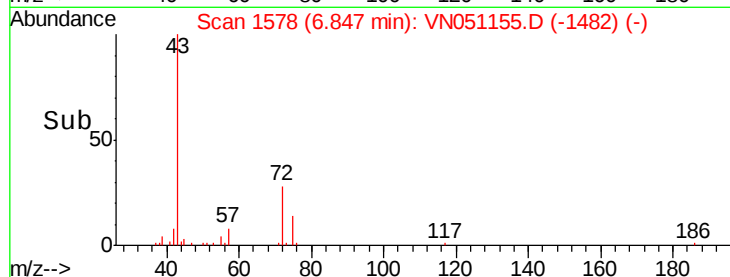
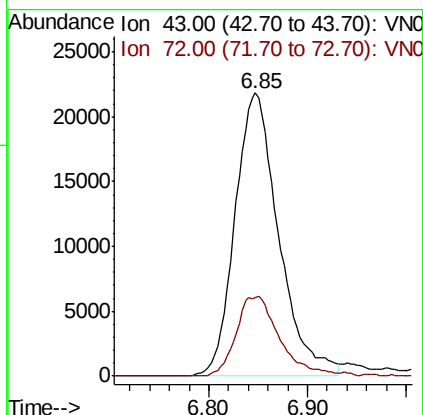
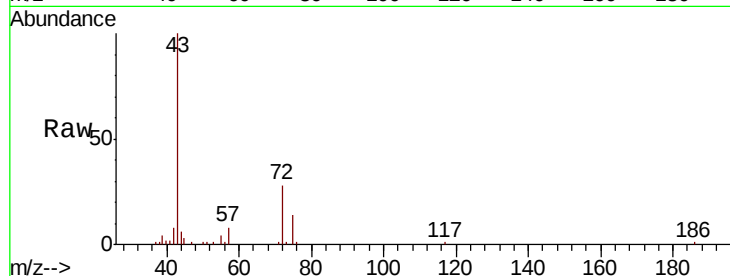




#25
2-Butanone
Concen: 24.54 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

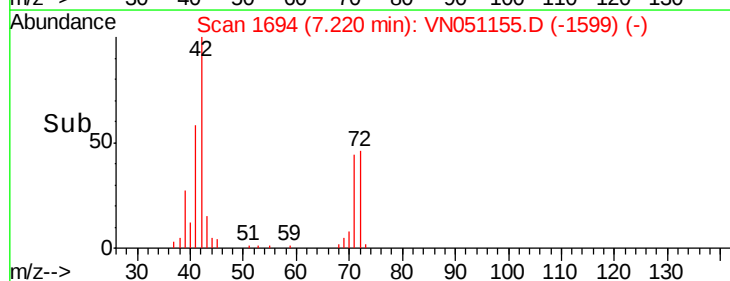
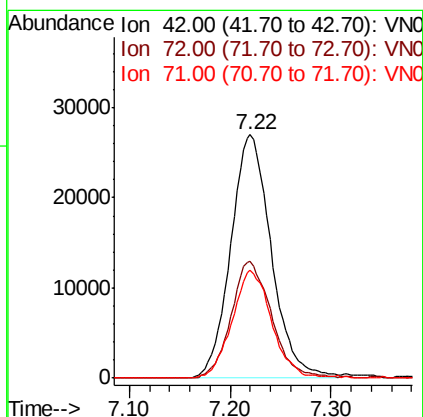
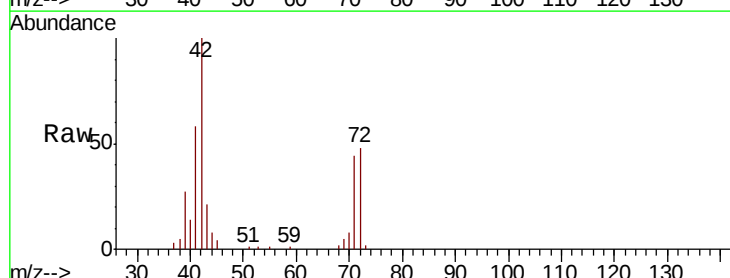
Instrument :
MSVOA_N
ClientSampleId :
28570DL

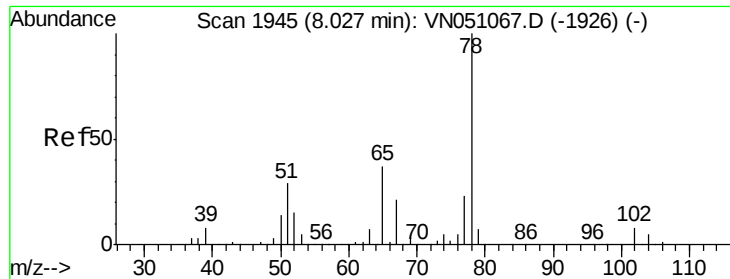
Tot Ion: 43 Resp: 67152
Ion Ratio Lower Upper
43 100
72 27.6 23.0 34.6



#29
Tetrahydrofuran
Concen: 44.14 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion: 42 Resp: 75424
Ion Ratio Lower Upper
42 100
72 47.7 37.4 56.0
71 43.1 34.7 52.1

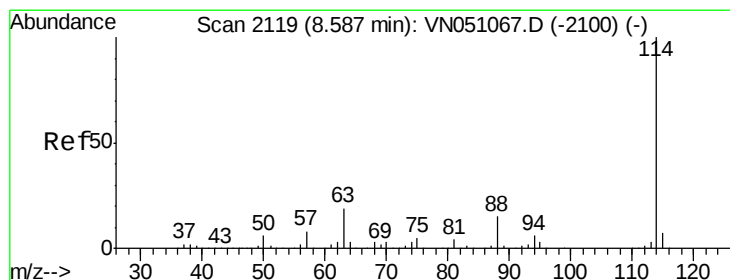
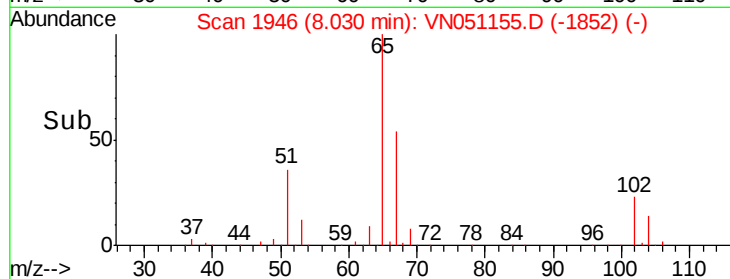
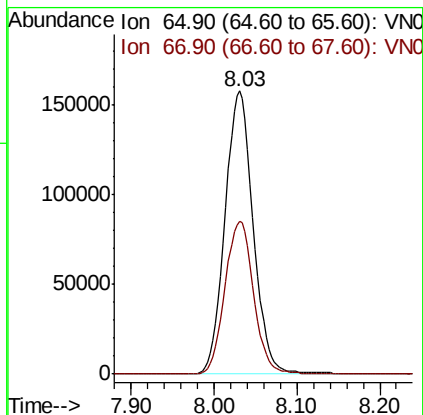
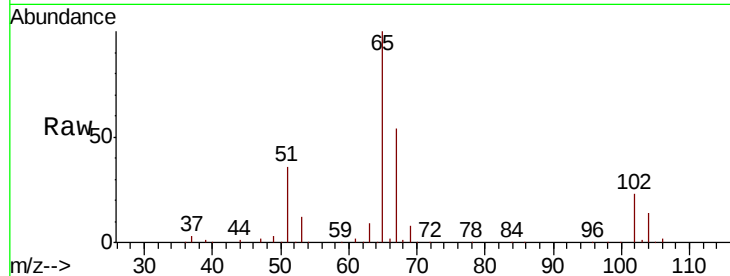




#33
 1,2-Dichloroethane-d4
 Concen: 53.55 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

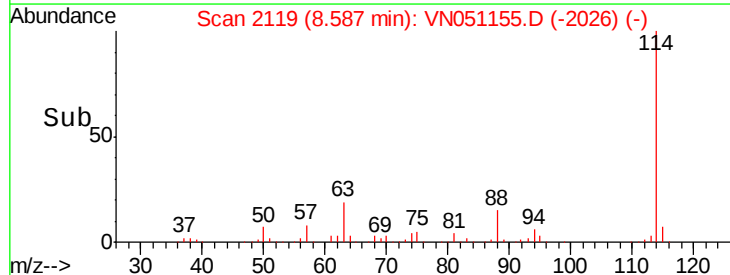
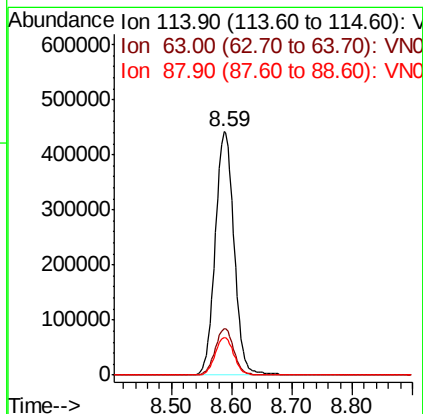
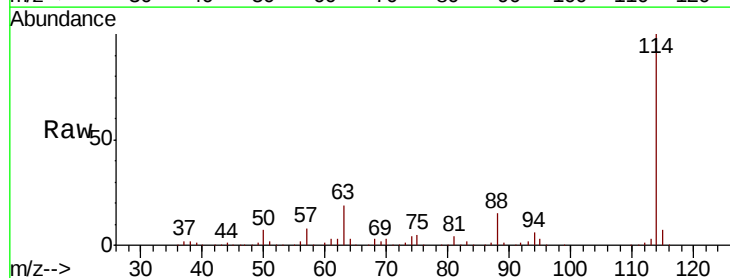
Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

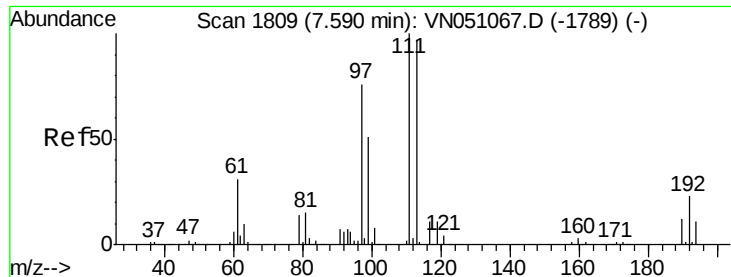
Tot Ion: 65 Resp: 372668
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion: 114 Resp: 941883
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.5 0.0 30.8

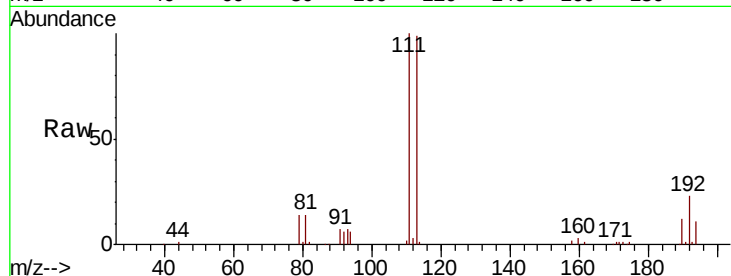




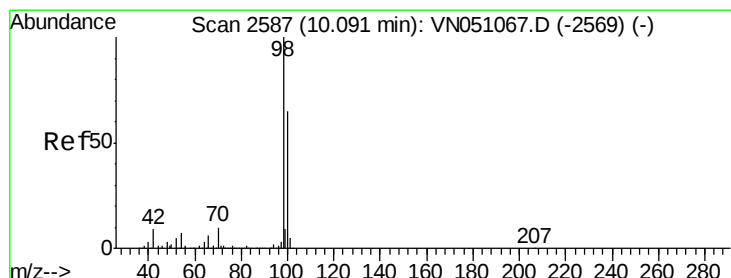
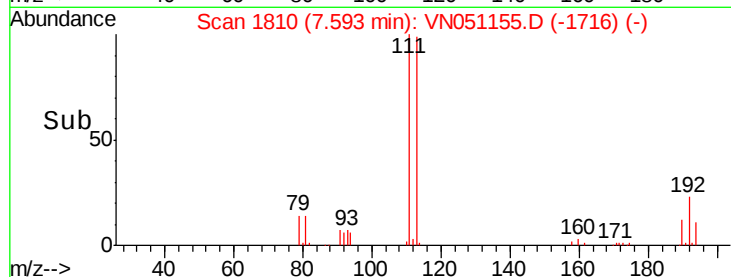
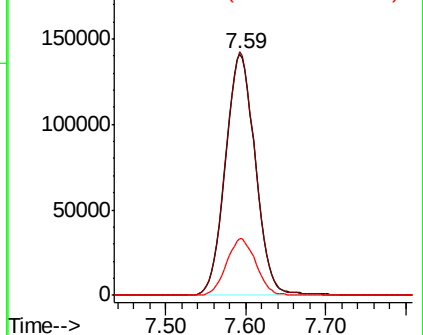
#35
 Dibromofluoromethane
 Concen: 50.72 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 28570DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.0	124.6
192	23.1	18.7	28.1

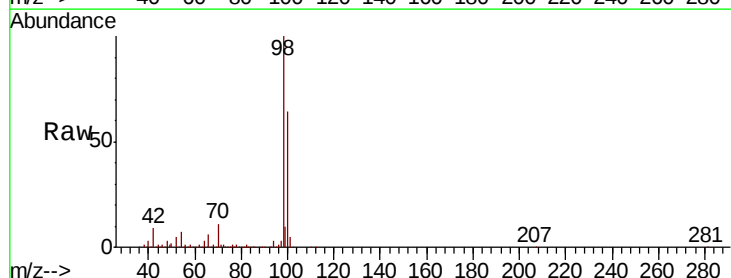


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

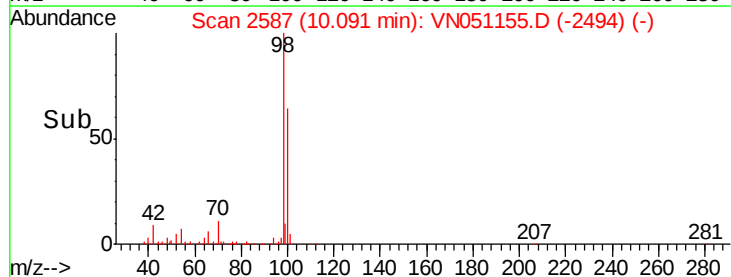
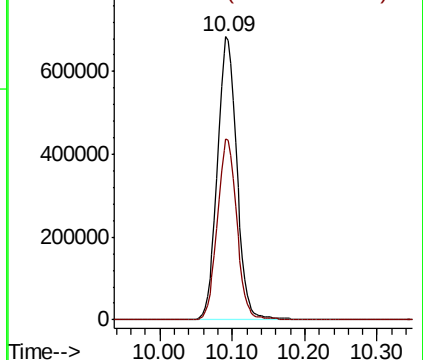


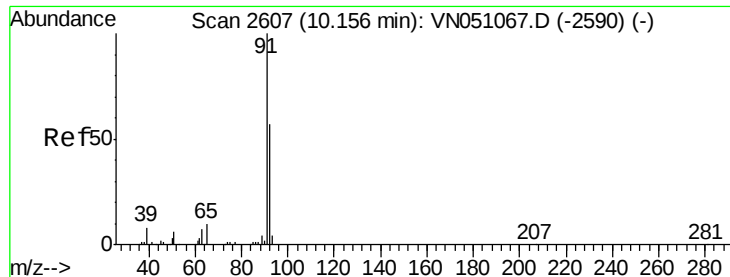
#50
 Toluene-d8
 Concen: 47.47 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 3.32 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampleId :

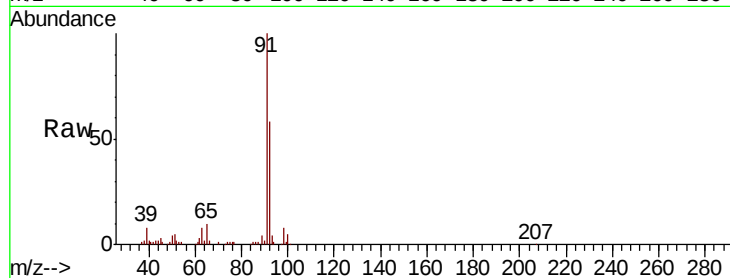
28570DL

Tot Ion: 92 Resp: 63082

Ion Ratio Lower Upper

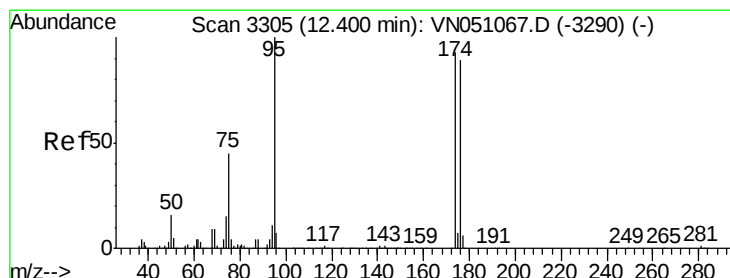
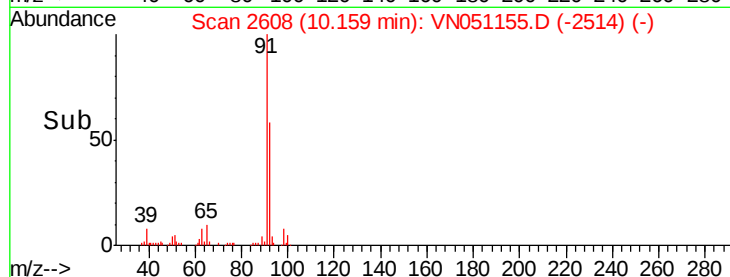
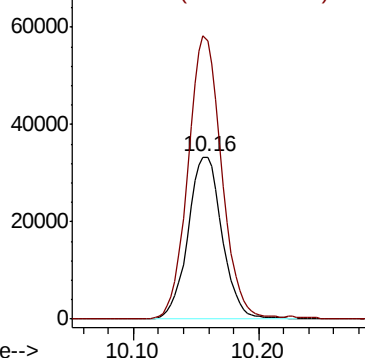
92 100

91 171.7 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 40.81 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

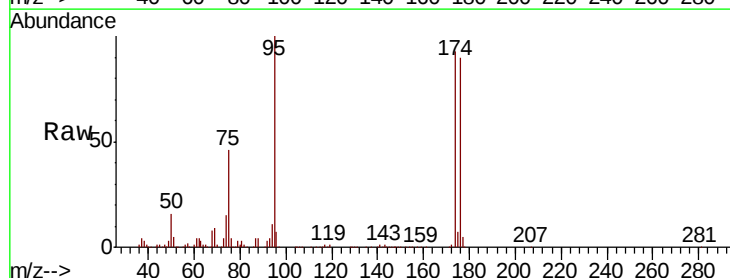
Tgt Ion: 95 Resp: 362521

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.8

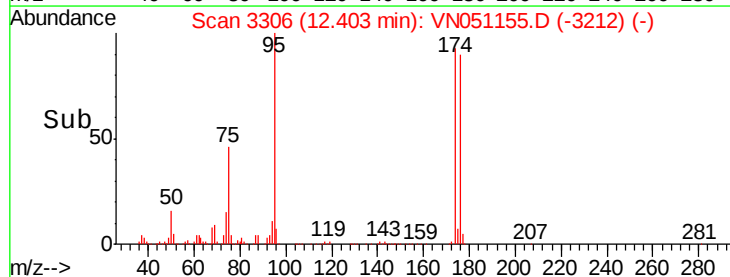
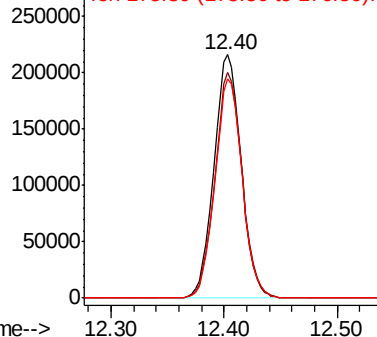
176 89.8 0.0 178.6

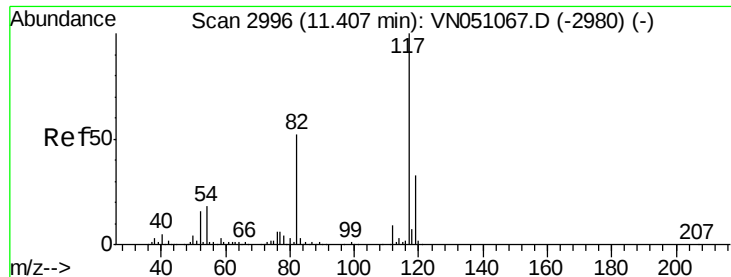


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

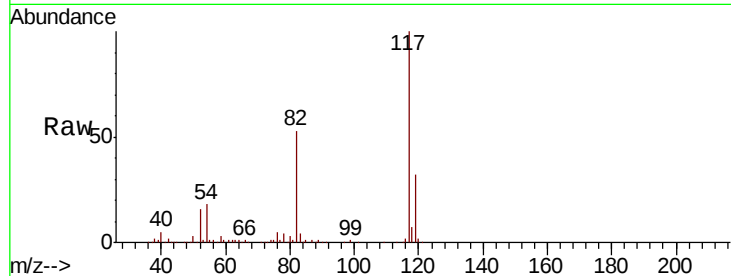




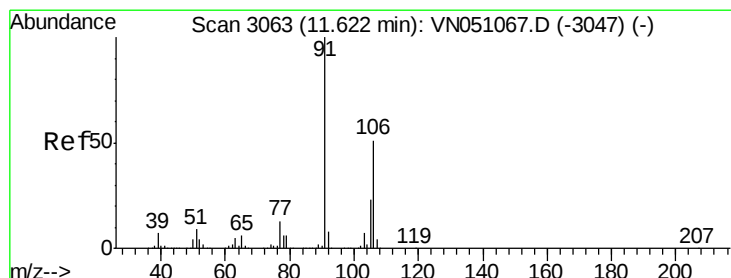
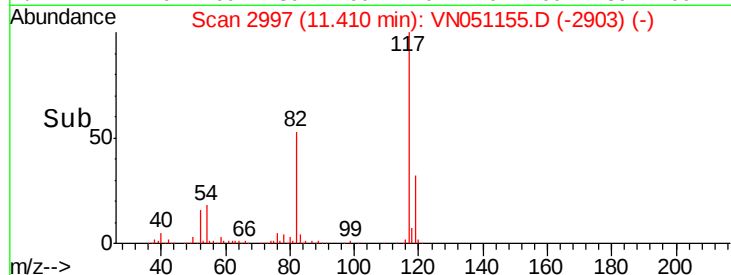
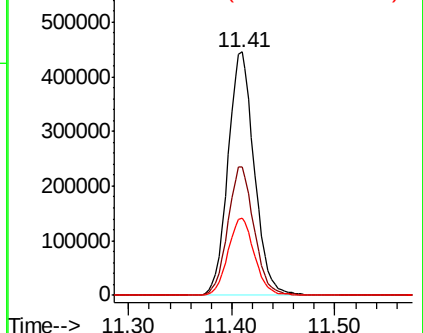
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Instrument :
MSVOA_N
ClientSampleId :
28570DL

Tot Ion:117 Resp: 789032
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 31.8 26.2 39.2

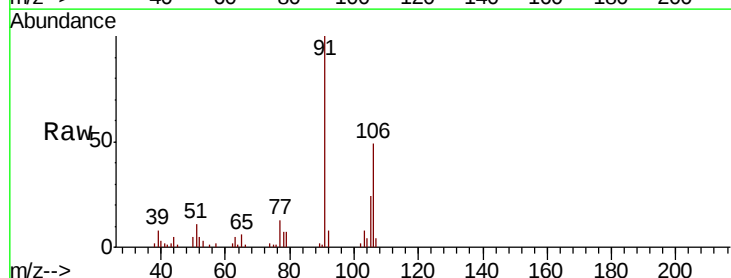


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

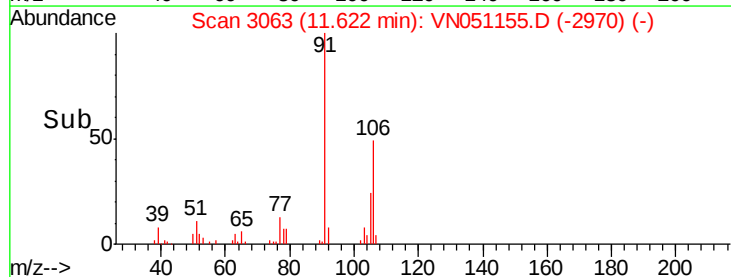
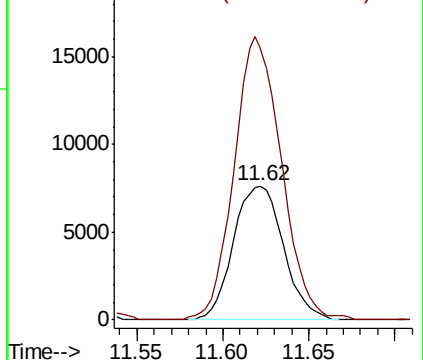


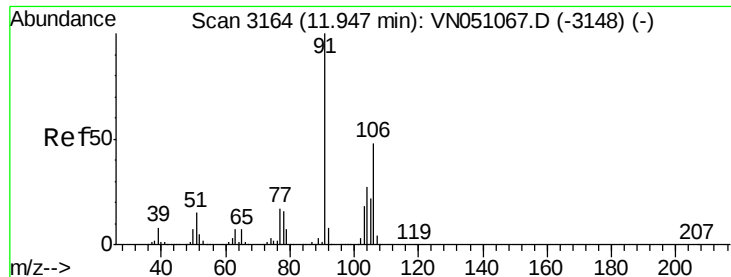
#68
m/p-Xylenes
Concen: 1.25 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion:106 Resp: 15451
Ion Ratio Lower Upper
106 100
91 199.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

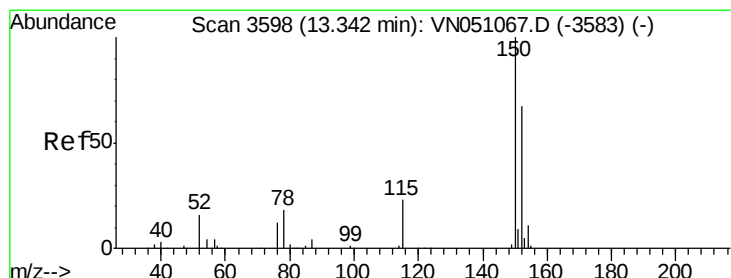
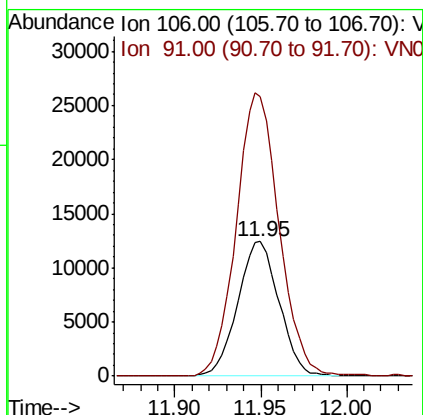
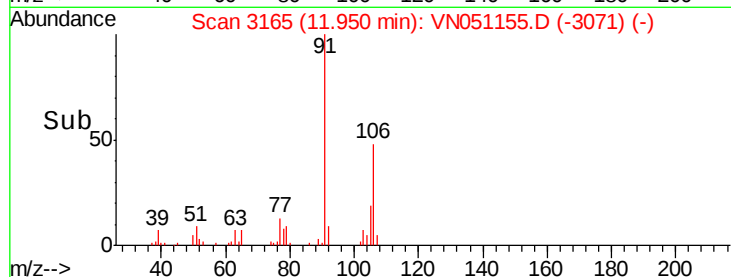
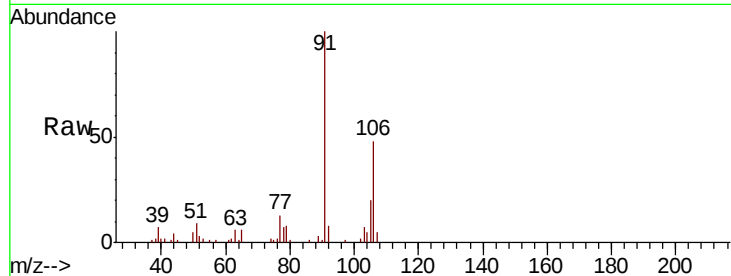




#69
o-Xylene
Concen: 1.73 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

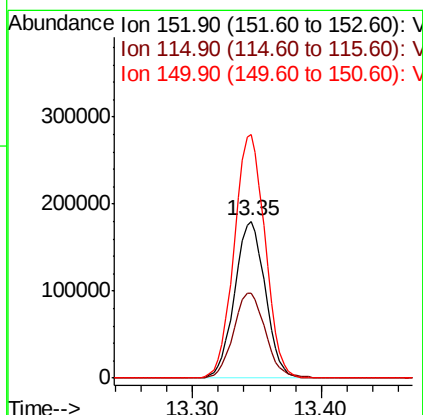
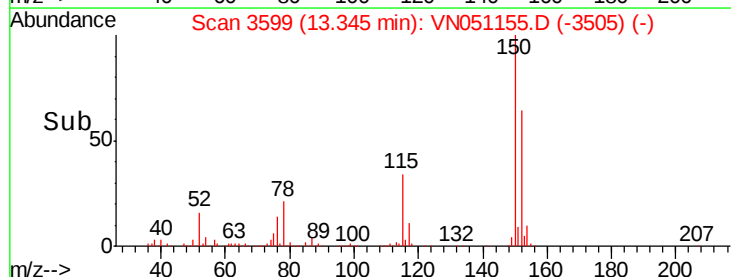
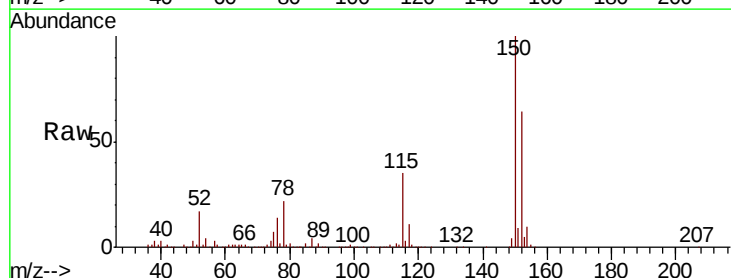
Instrument :
MSVOA_N
ClientSampled :
28570DL

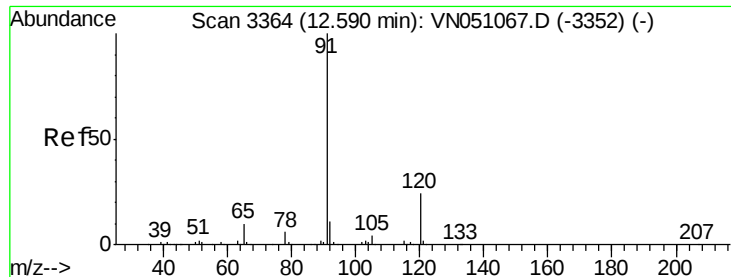
Tot Ion:106 Resp: 20702
Ion Ratio Lower Upper
106 100
91 217.9 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion:152 Resp: 297114
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.5 0.0 349.0





#78

n-propylbenzene

Concen: 0.25 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051155.D

Acq: 12 Sep 2018 17:50

Instrument :

MSVOA_N

ClientSampled :

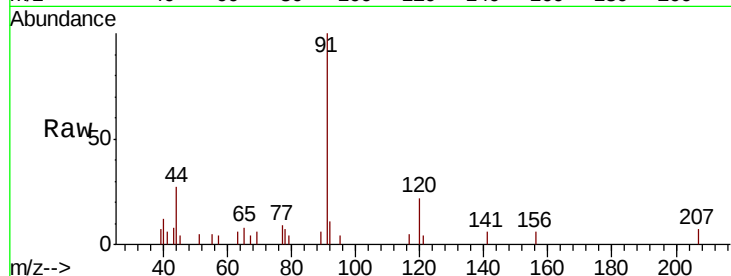
28570DL

Tot Ion: 91 Resp: 6839

Ion Ratio Lower Upper

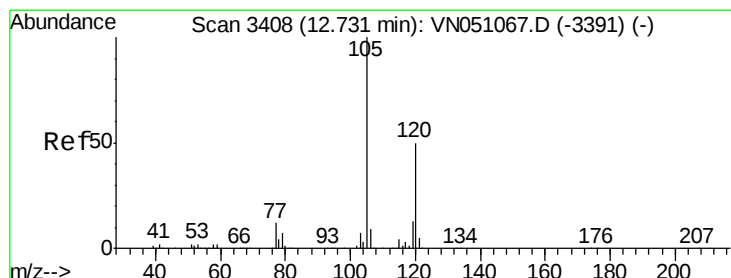
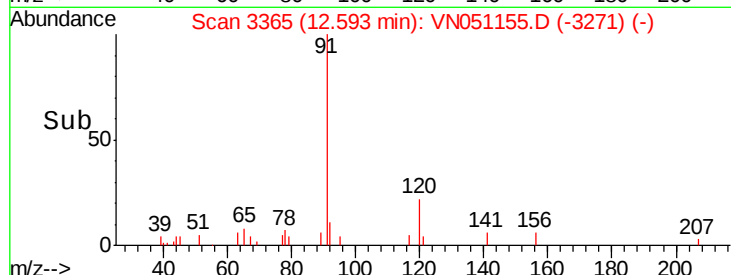
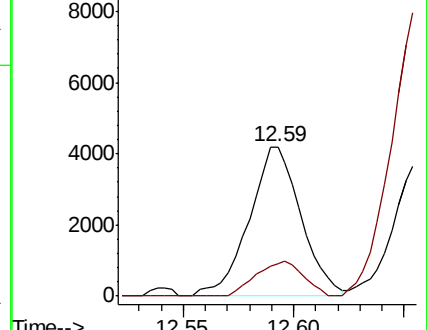
91 100

120 21.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.93 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051155.D

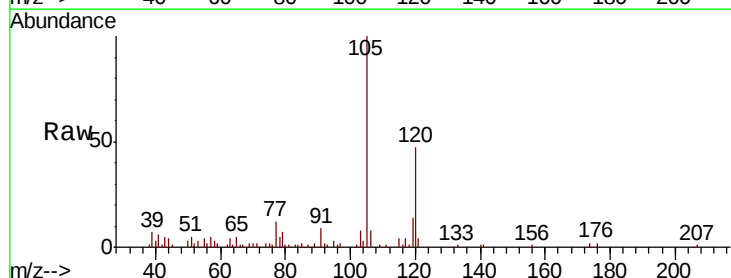
Acq: 12 Sep 2018 17:50

Tgt Ion:105 Resp: 38962

Ion Ratio Lower Upper

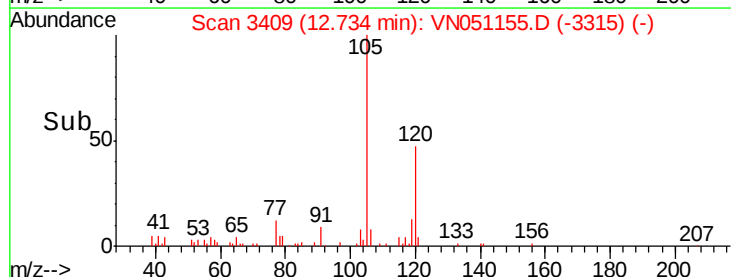
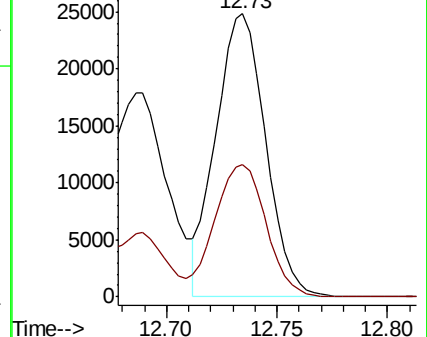
105 100

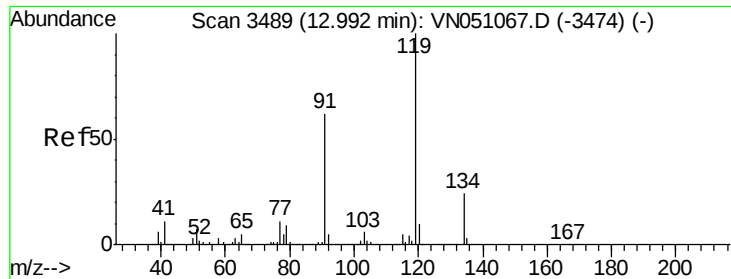
120 48.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)

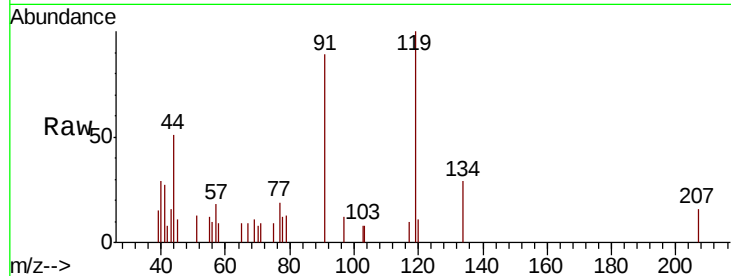




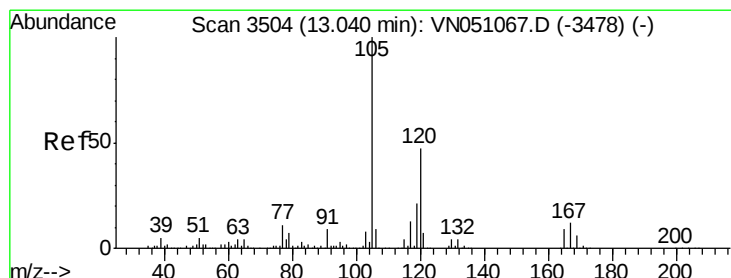
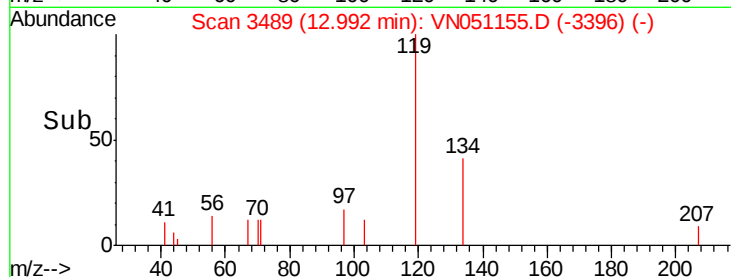
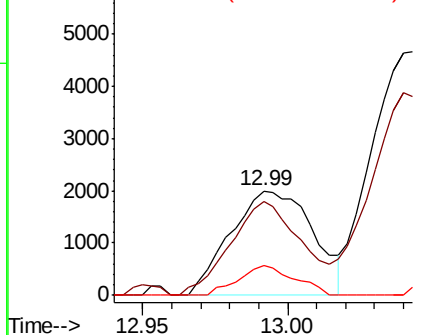
#83
 tert-Butylbenzene
 Concen: 0.22 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Instrument :
 MSVOA_N
 ClientSampleID :
 28570DL

Tot Ion:119 Resp: 3960
 Ion Ratio Lower Upper
 119 100
 91 76.4 30.8 92.3
 134 19.3 13.2 39.6

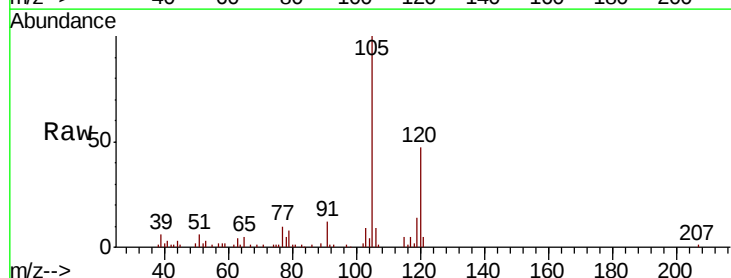


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

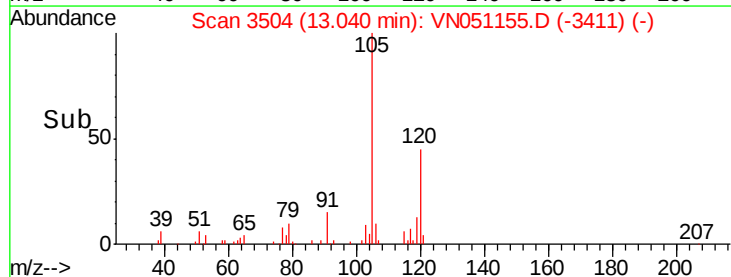
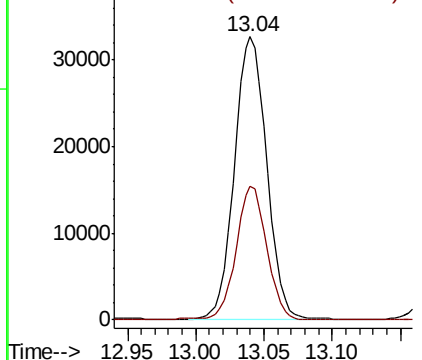


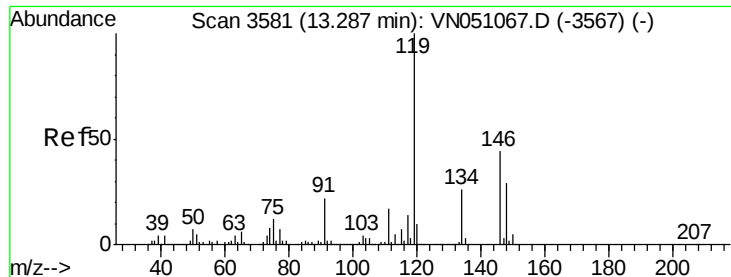
#84
 1,2,4-Trimethylbenzene
 Concen: 2.71 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051155.D
 Acq: 12 Sep 2018 17:50

Tgt Ion:105 Resp: 53739
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

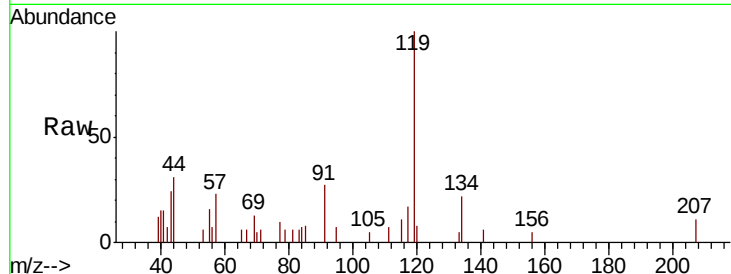




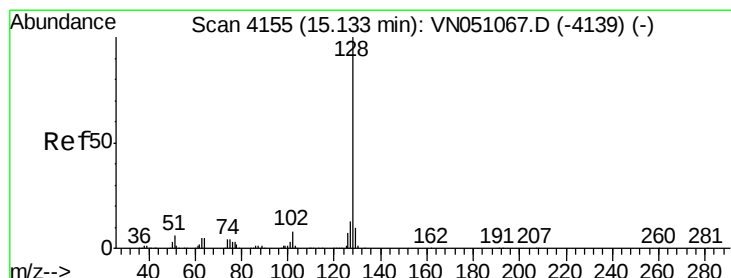
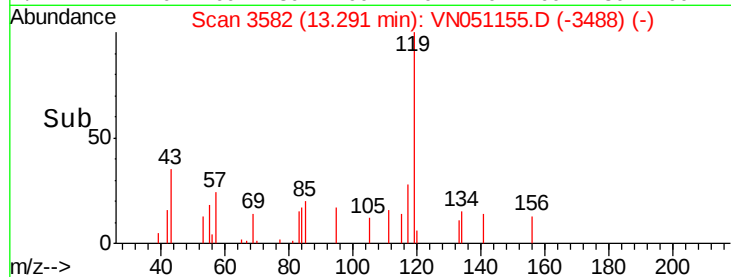
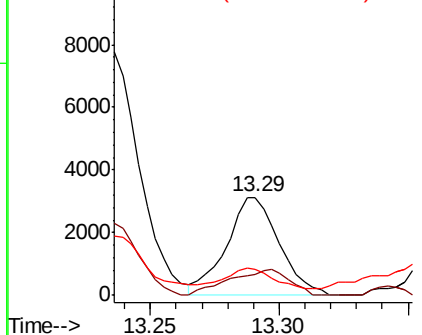
#86
p-Isopropyltoluene
Concen: 0.23 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Instrument :
MSVOA_N
ClientSampleID :
28570DL

Tot Ion:119 Resp: 4463
Ion Ratio Lower Upper
119 100
134 30.3 13.5 40.4
91 22.7 10.9 32.9

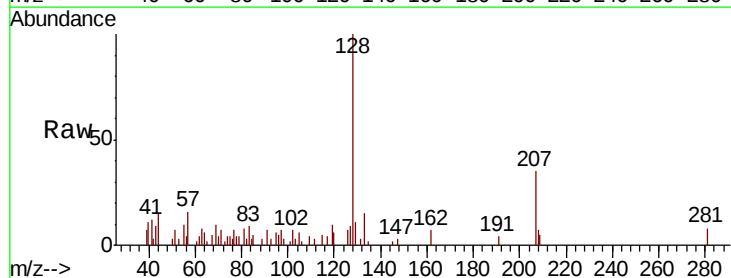


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 6.29 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051155.D
Acq: 12 Sep 2018 17:50

Tgt Ion:128 Resp: 11841
Ion Ratio Lower Upper
128 100
127 8.3 10.6 15.8#
129 14.3 8.6 12.8#



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

