

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053067.D
 Acq On : 20 Dec 2018 19:55
 Operator : MD\SY
 Sample : J6494-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS

Quant Time: Dec 21 02:32:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1323405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2018218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1815907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	760823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	641587	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	553040	59.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.98%	
50) Toluene-d8	10.09	98	2498973	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	830081	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

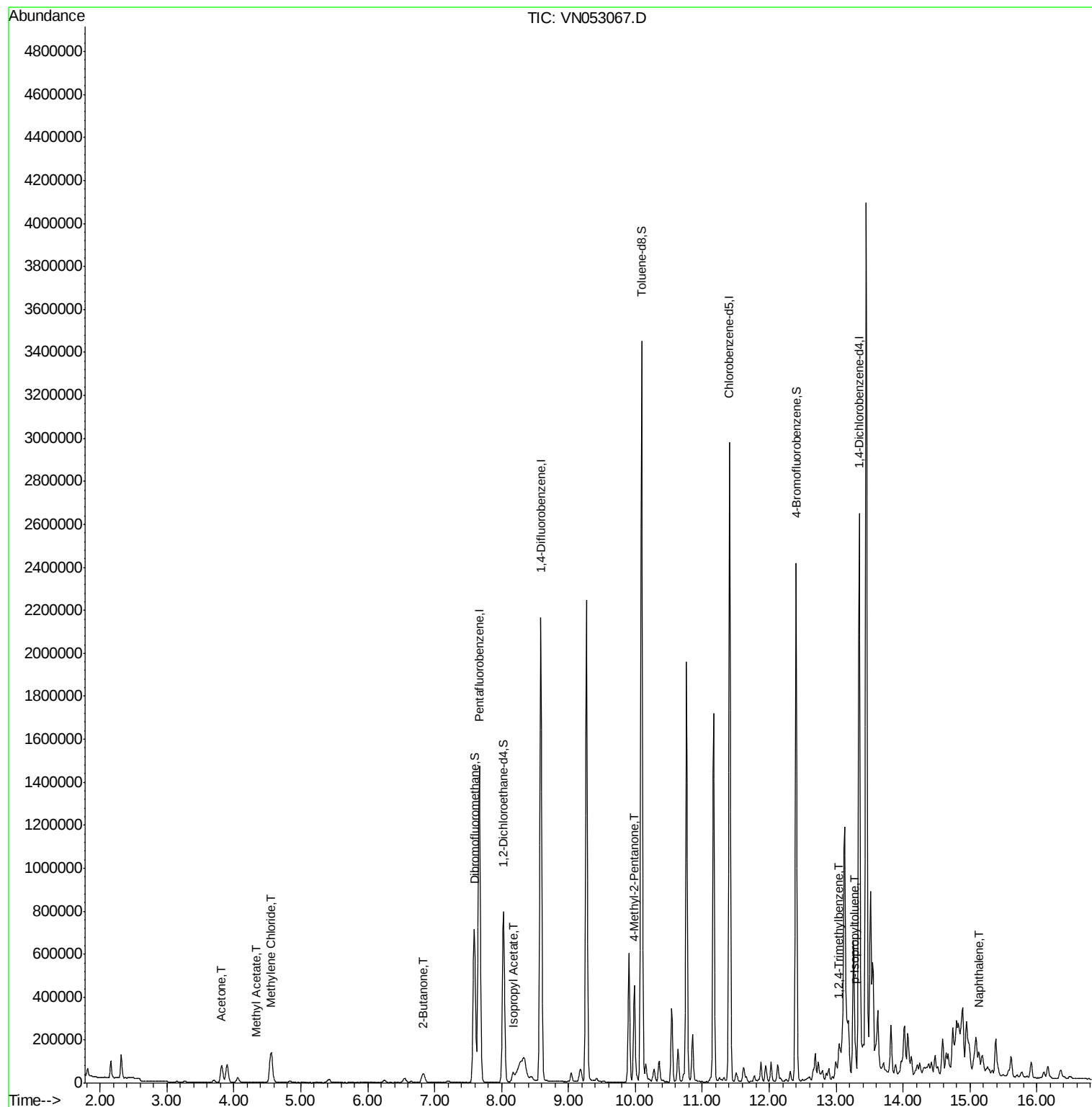
					Qvalue	
16) Acetone	3.82	43	141217	53.629	ug/l	97
18) Methyl Acetate	4.33	43	5844	1.471	ug/l #	76
20) Methylene Chloride	4.56	84	115003	8.006	ug/l	95
25) 2-Butanone	6.84	43	51199	11.586	ug/l	96
43) Isopropyl Acetate	8.17	43	57212	1.725	ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	326851	31.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	92536	1.897	ug/l	93
86) p-Isopropyltoluene	13.29	119	73745	1.470	ug/l #	77
95) Naphthalene	15.13	128	63955	3.236	ug/l	98

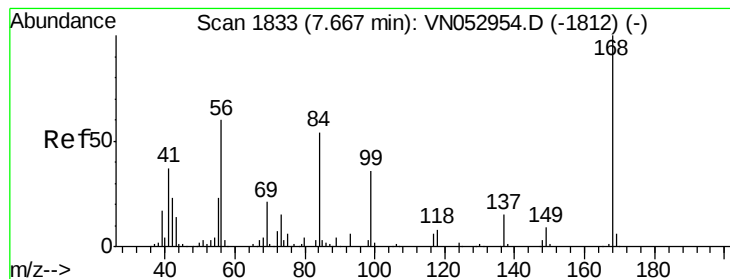
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053067.D
Acq On : 20 Dec 2018 19:55
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Instrument :
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OWS

Quant Time: Dec 21 02:32:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

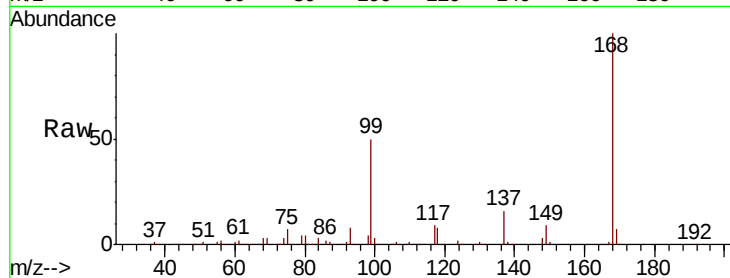
Instrument :
MSVOA_N
ClientSampled :
OWS

Tot Ion:168 Resp: 1323405

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

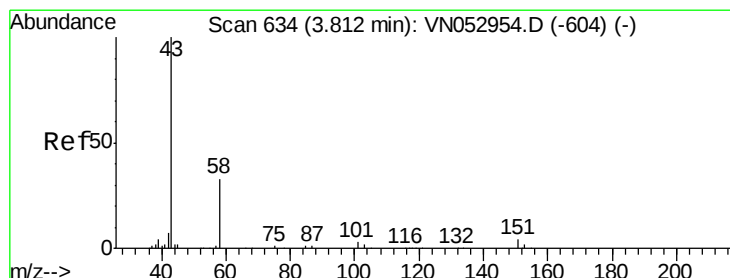
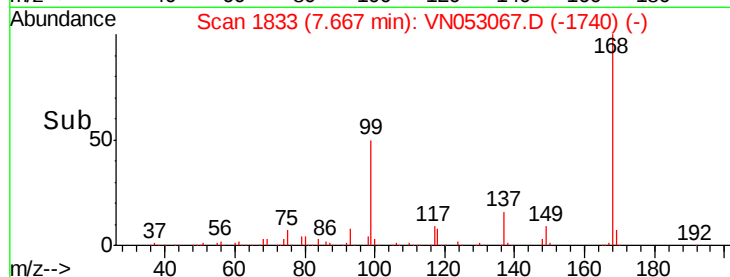
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 53.629 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053067.D

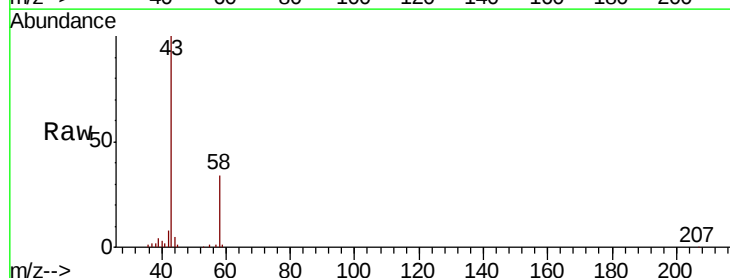
Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 141217

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

60000

50000

40000

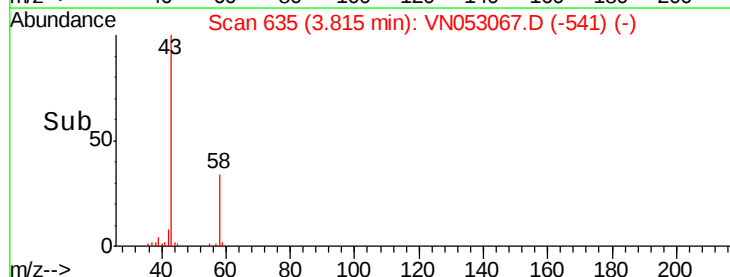
30000

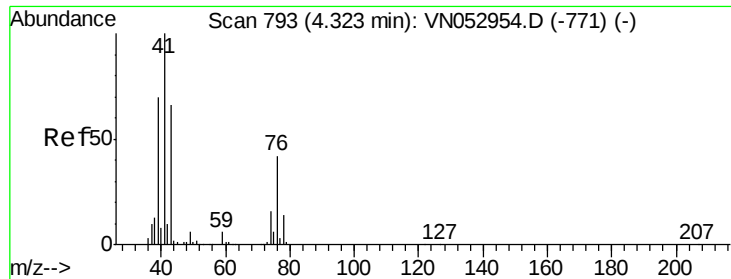
20000

10000

0

Time-->

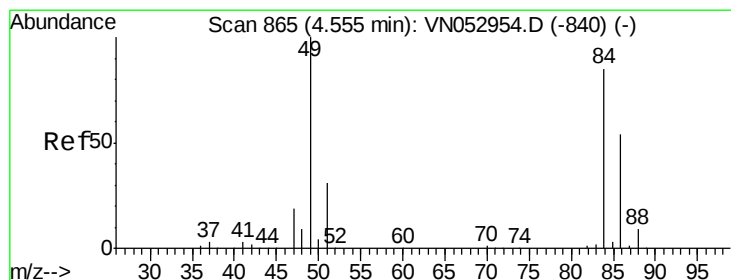
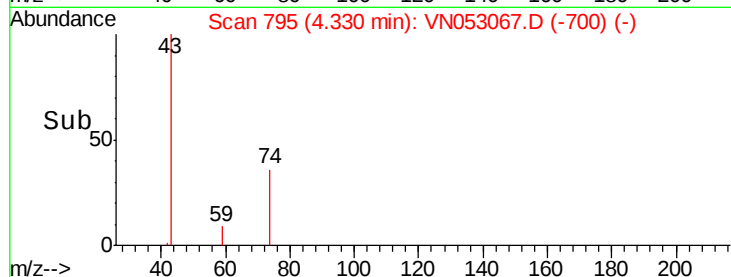
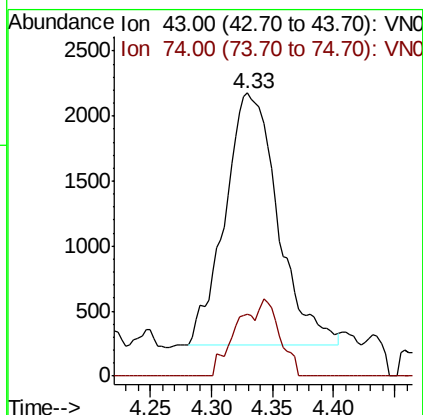
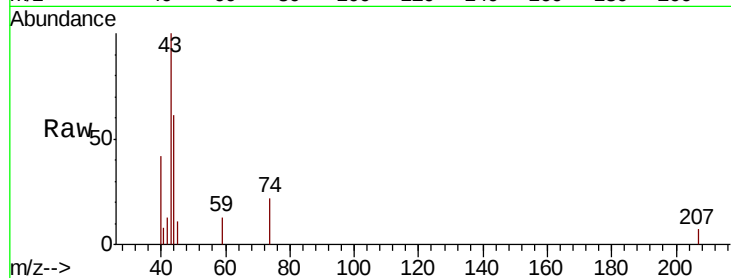




#18
Methyl Acetate
Concen: 1.471 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

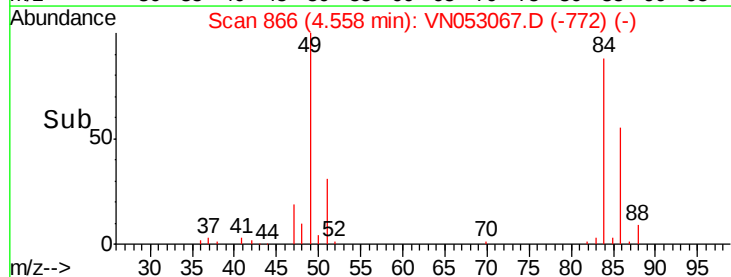
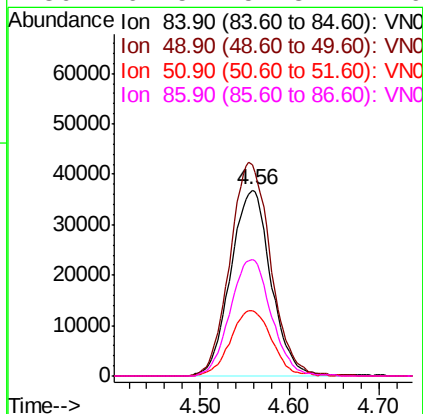
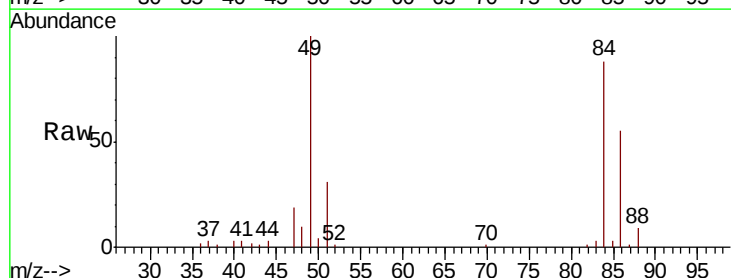
Instrument :
MSVOA_N
ClientSampleId :
OWS

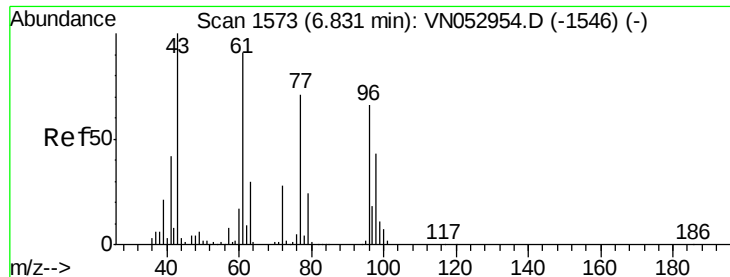
Tot Ion: 43 Resp: 5844
Ion Ratio Lower Upper
43 100
74 12.2 19.2 28.8#



#20
Methylene Chloride
Concen: 8.006 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 84 Resp: 115003
Ion Ratio Lower Upper
84 100
49 113.6 96.8 145.2
51 35.5 29.9 44.9
86 62.5 51.8 77.6

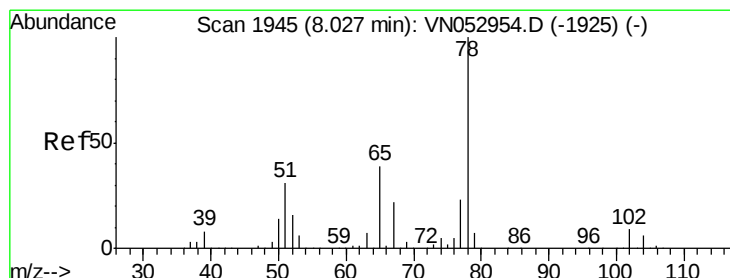
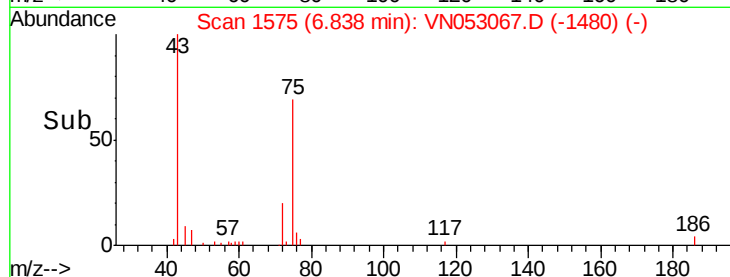
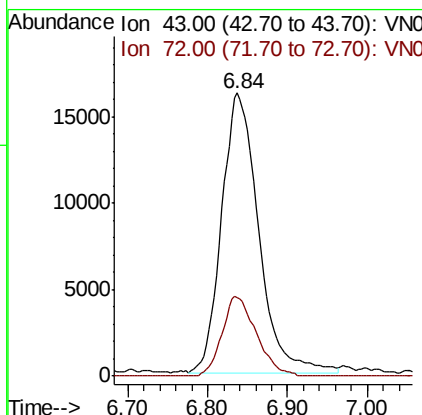
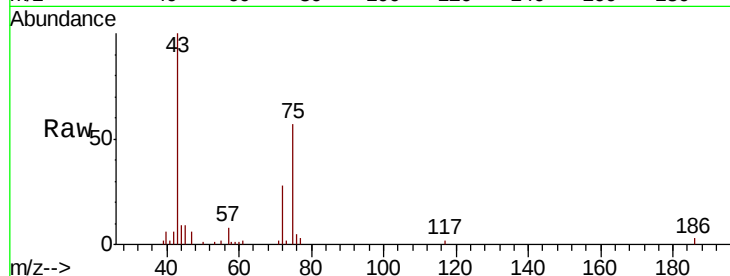




#25
2-Butanone
Concen: 11.586 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

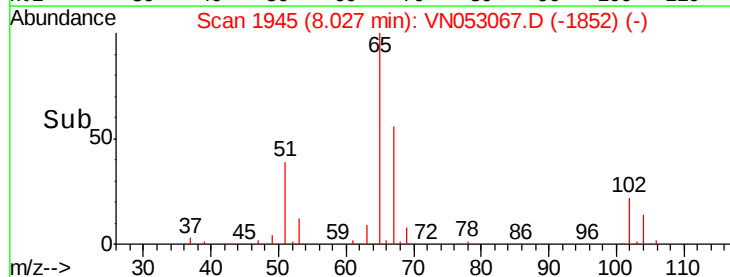
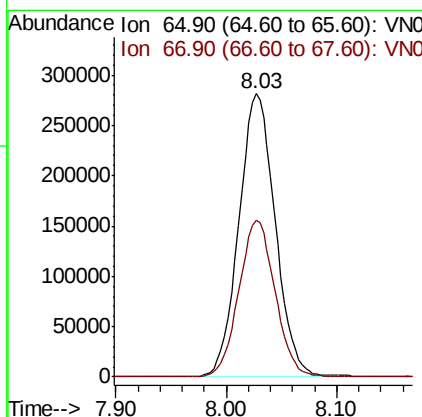
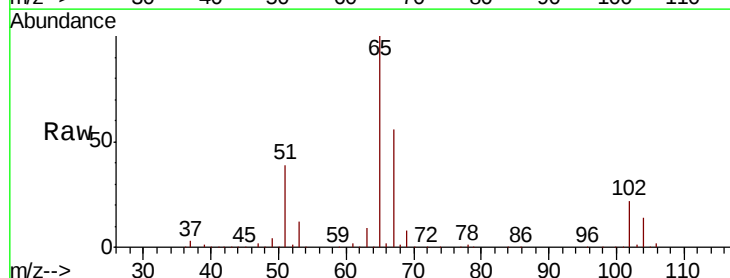
Instrument :
MSVOA_N
ClientSampleId :
OWS

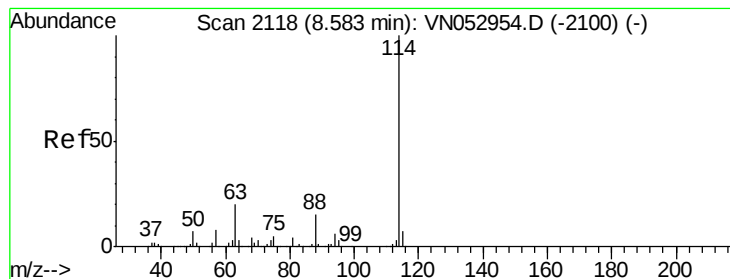
Tot Ion: 43 Resp: 51199
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion: 65 Resp: 641587
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

OVS

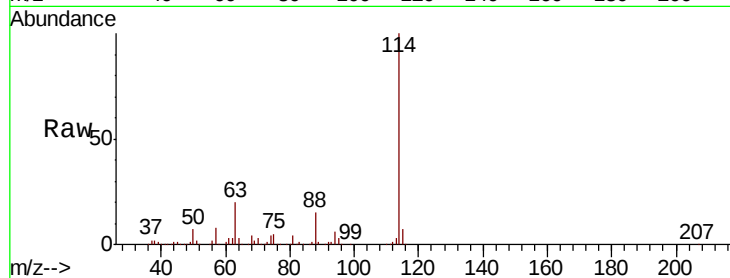
Tot Ion:114 Resp: 2018218

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

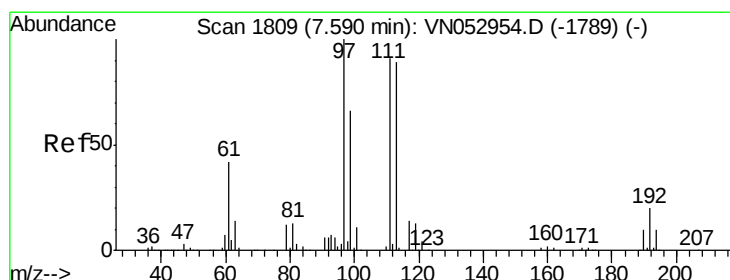
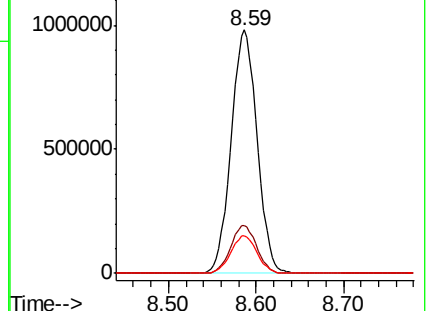
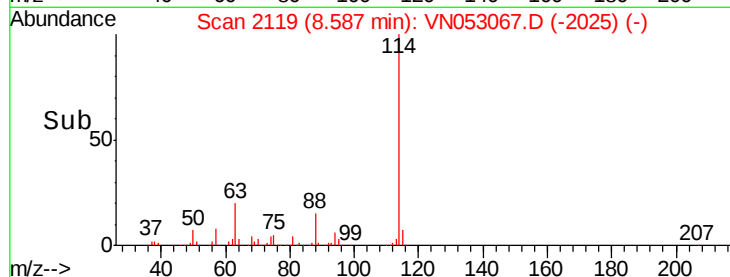
88 15.5 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

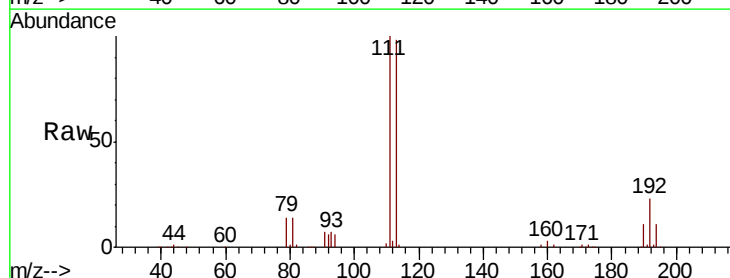
Tgt Ion:113 Resp: 553040

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

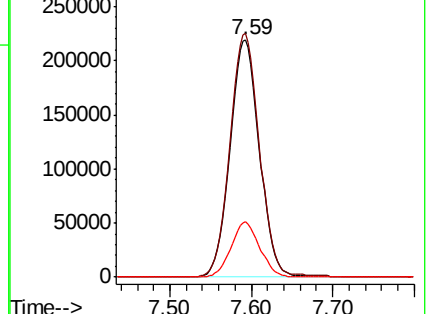
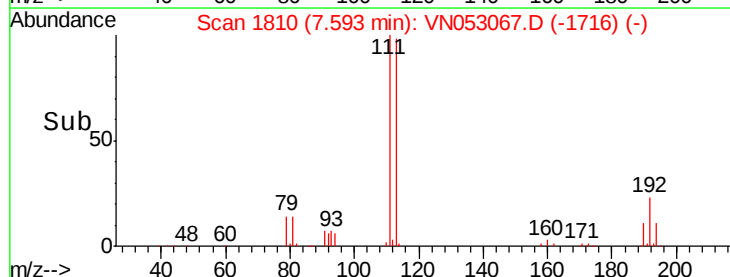
192 22.7 17.5 26.3

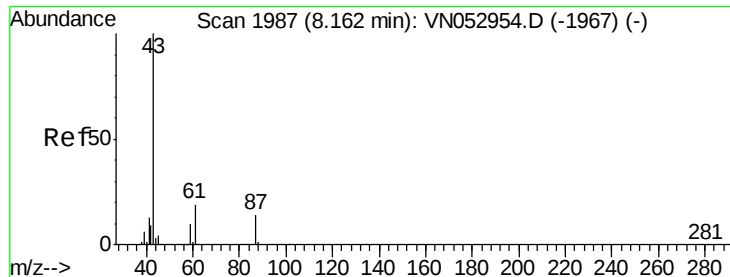


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.725 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

OWS

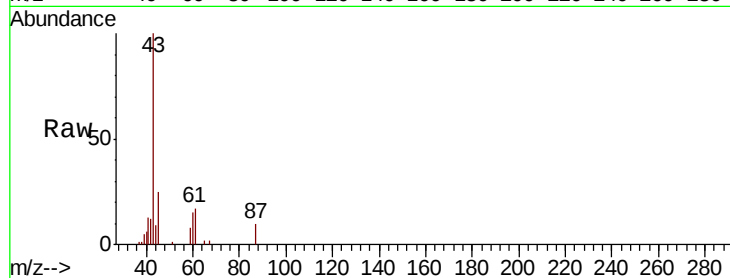
Tot Ion: 43 Resp: 57212

Ion Ratio Lower Upper

43 100

61 16.8 22.9 34.3#

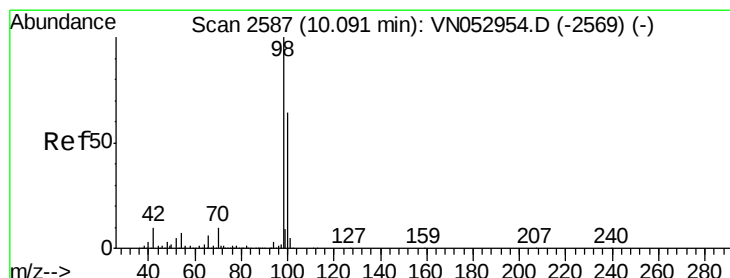
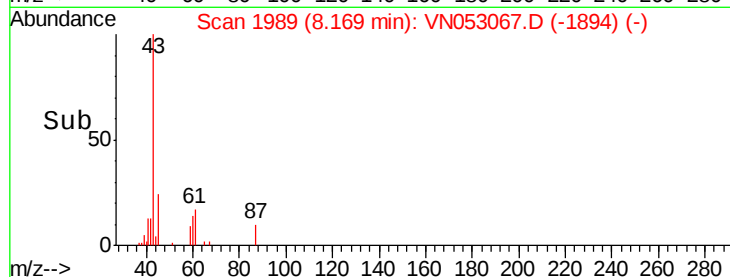
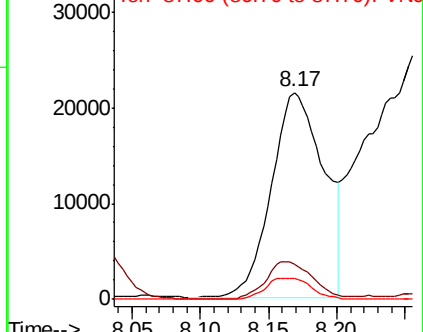
87 9.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053067.D

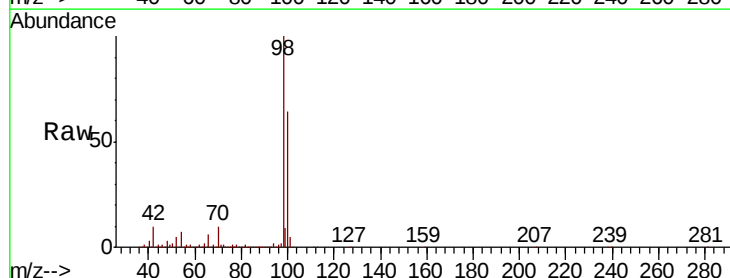
Acq: 20 Dec 2018 19:55

Tgt Ion: 98 Resp: 2498973

Ion Ratio Lower Upper

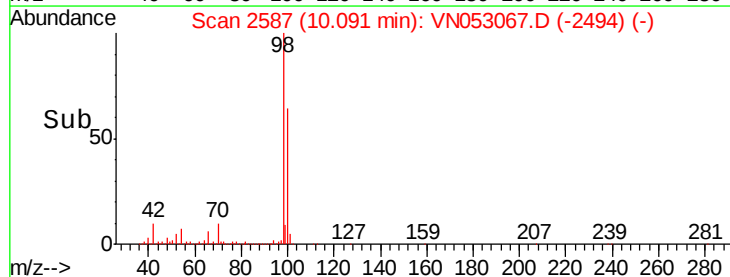
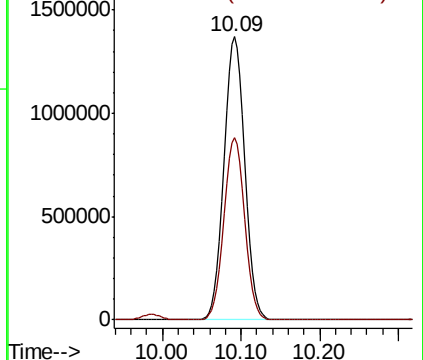
98 100

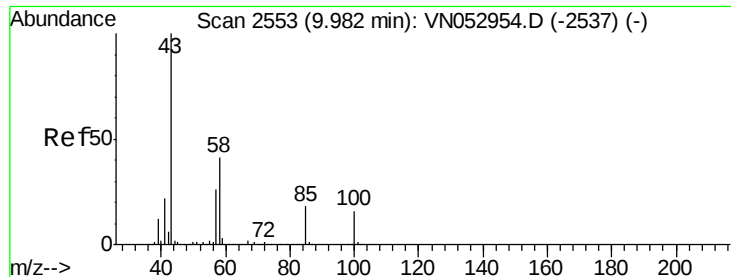
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 31.210 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

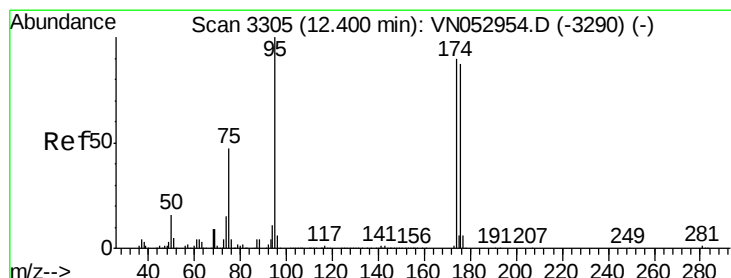
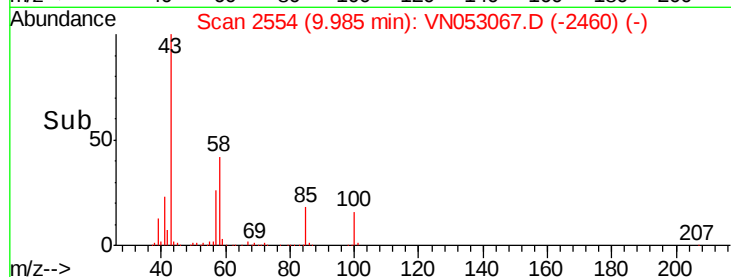
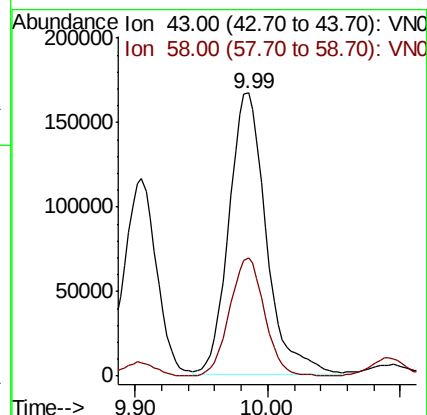
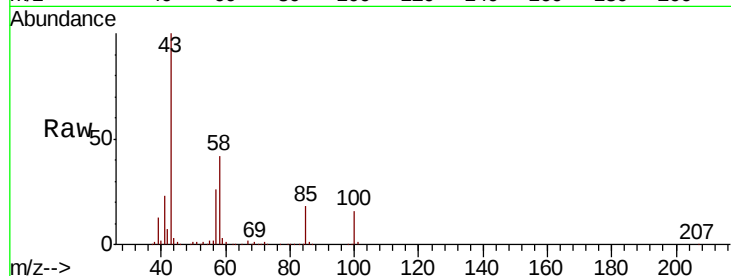
OVS

Tot Ion: 43 Resp: 326851

Ion Ratio Lower Upper

43 100

58 39.3 32.2 48.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

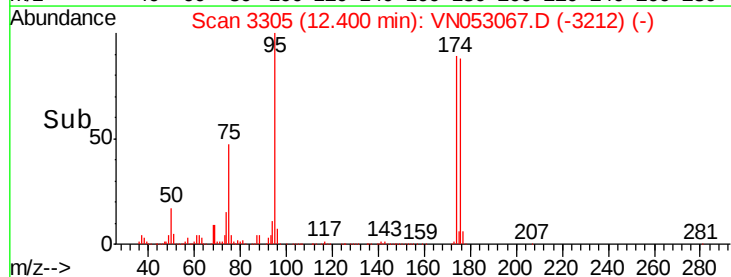
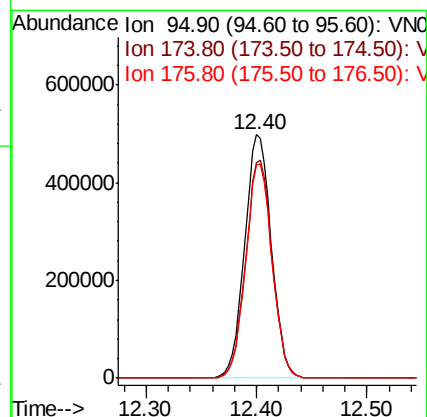
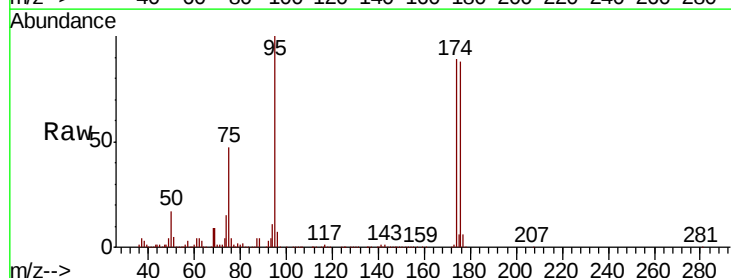
Tgt Ion: 95 Resp: 830081

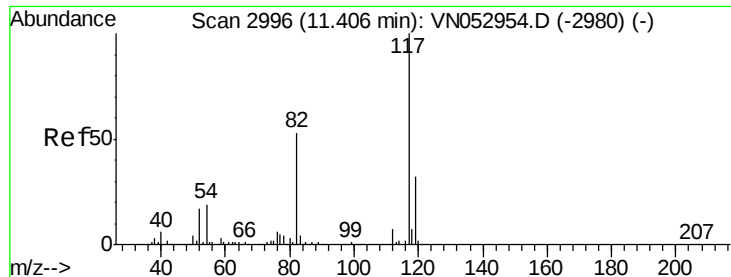
Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.8

176 87.3 0.0 173.8

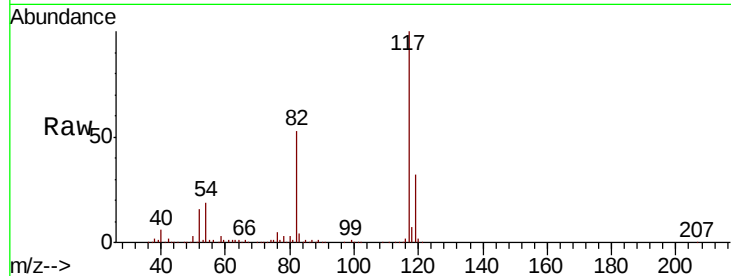




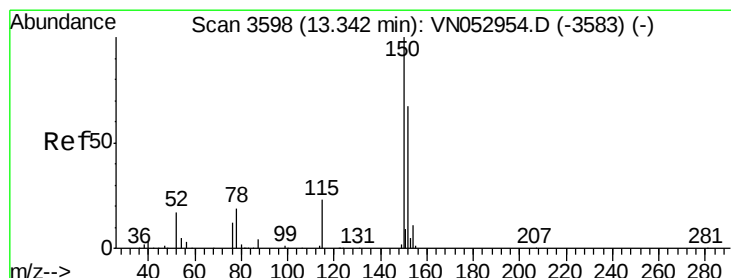
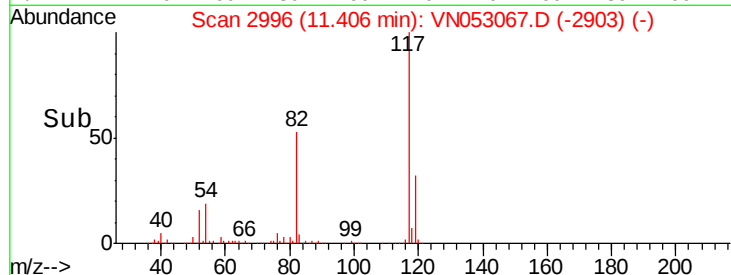
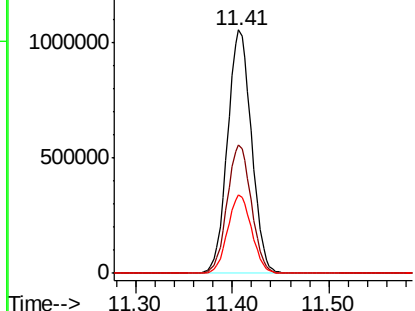
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Instrument :
MSVOA_N
ClientSampled :
OWS

Tot Ion:117 Resp: 1815907
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 32.0 25.5 38.3

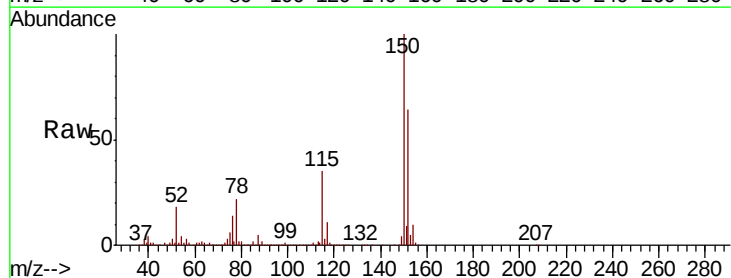


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

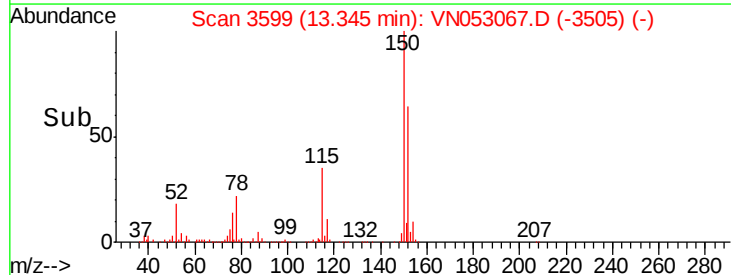
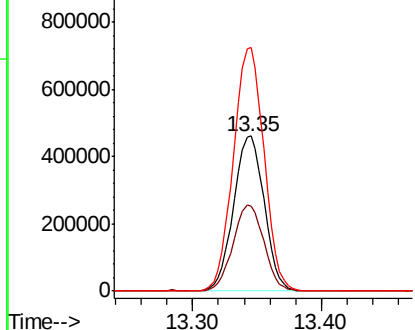


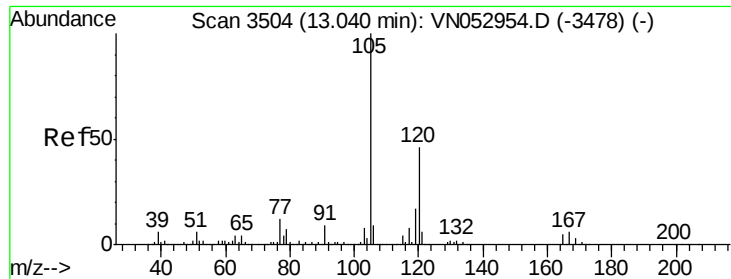
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Tgt Ion:152 Resp: 760823
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 157.3 0.0 347.8



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





#84

1,2,4-Trimethylbenzene

Concen: 1.897 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

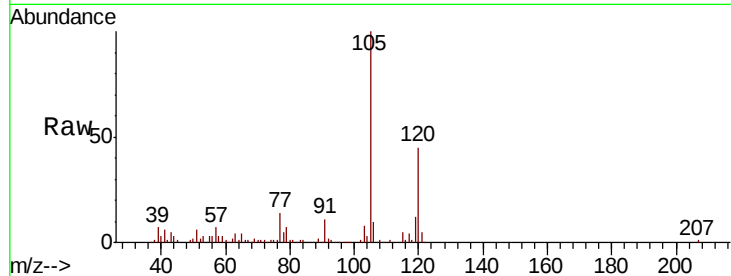
OVS

Tot Ion:105 Resp: 92536

Ion Ratio Lower Upper

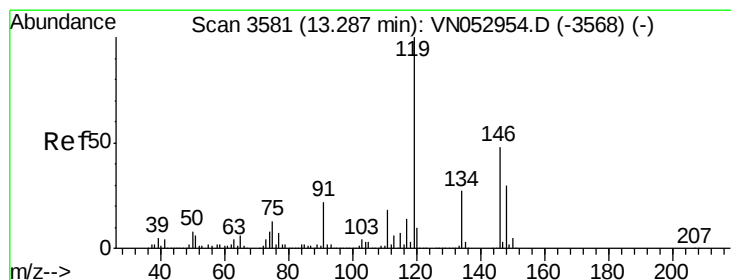
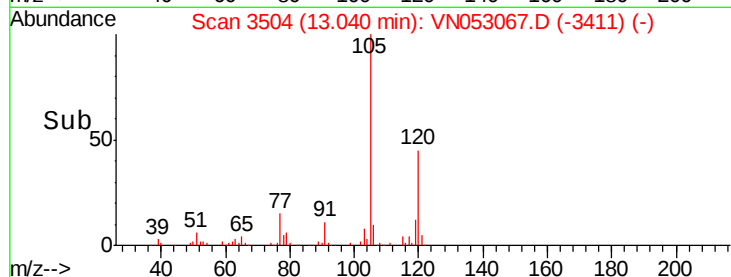
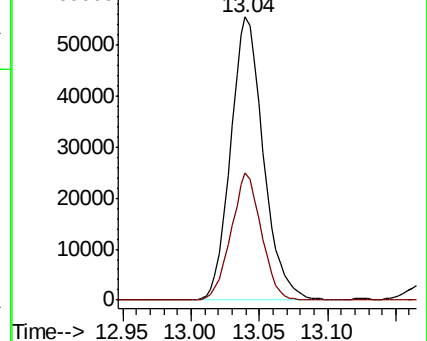
105 100

120 41.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 1.470 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053067.D

Acq: 20 Dec 2018 19:55

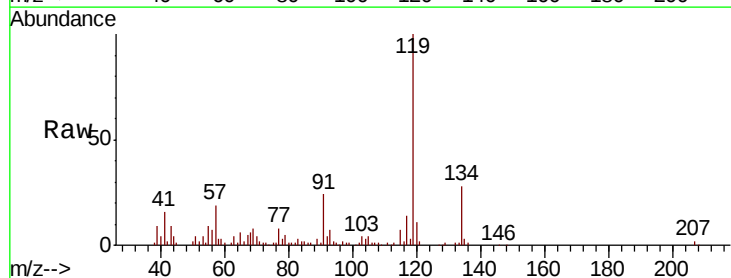
Tgt Ion:119 Resp: 73745

Ion Ratio Lower Upper

119 100

134 29.0 13.4 40.2

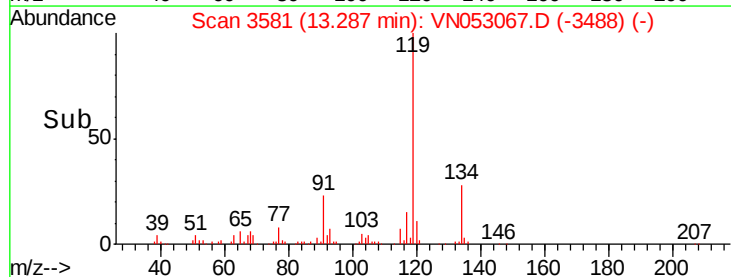
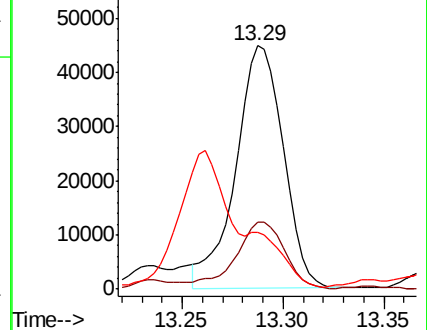
91 0.0 11.1 33.3#

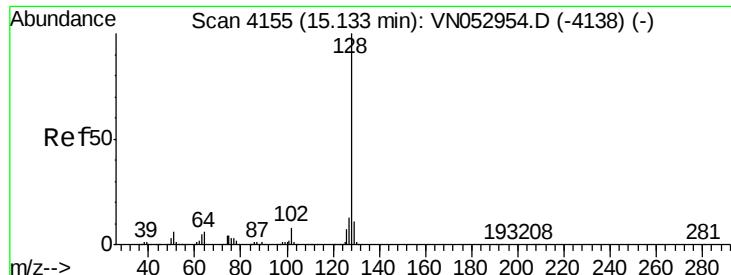


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

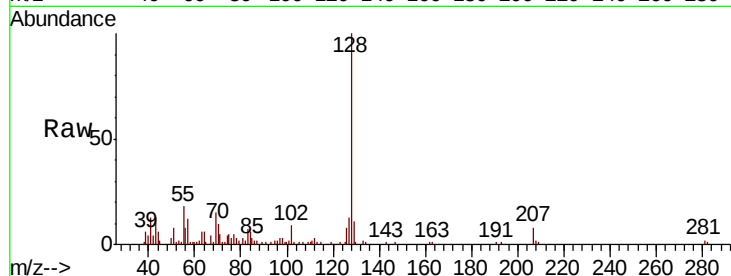




#95
Naphthalene
Concen: 3.236 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053067.D
Acq: 20 Dec 2018 19:55

Instrument :
MSVOA_N
ClientSampleId :
OWS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	9.9	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

