

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053409.D
 Acq On : 15 Jan 2019 15:47
 Operator : JC/SP
 Sample : K1139-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S-8

Quant Time: Jan 16 04:11:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1029367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1533107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1348820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	511092	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	444787	43.72	ug/l	0.00
Spiked Amount						
			Recovery	=	87.44%	
35) Dibromofluoromethane	7.59	113	409323	46.78	ug/l	0.00
Spiked Amount						
			Recovery	=	93.56%	
50) Toluene-d8	10.09	98	1884510	50.93	ug/l	0.00
Spiked Amount						
			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	582213	44.87	ug/l	0.00
Spiked Amount						
			Recovery	=	89.74%	

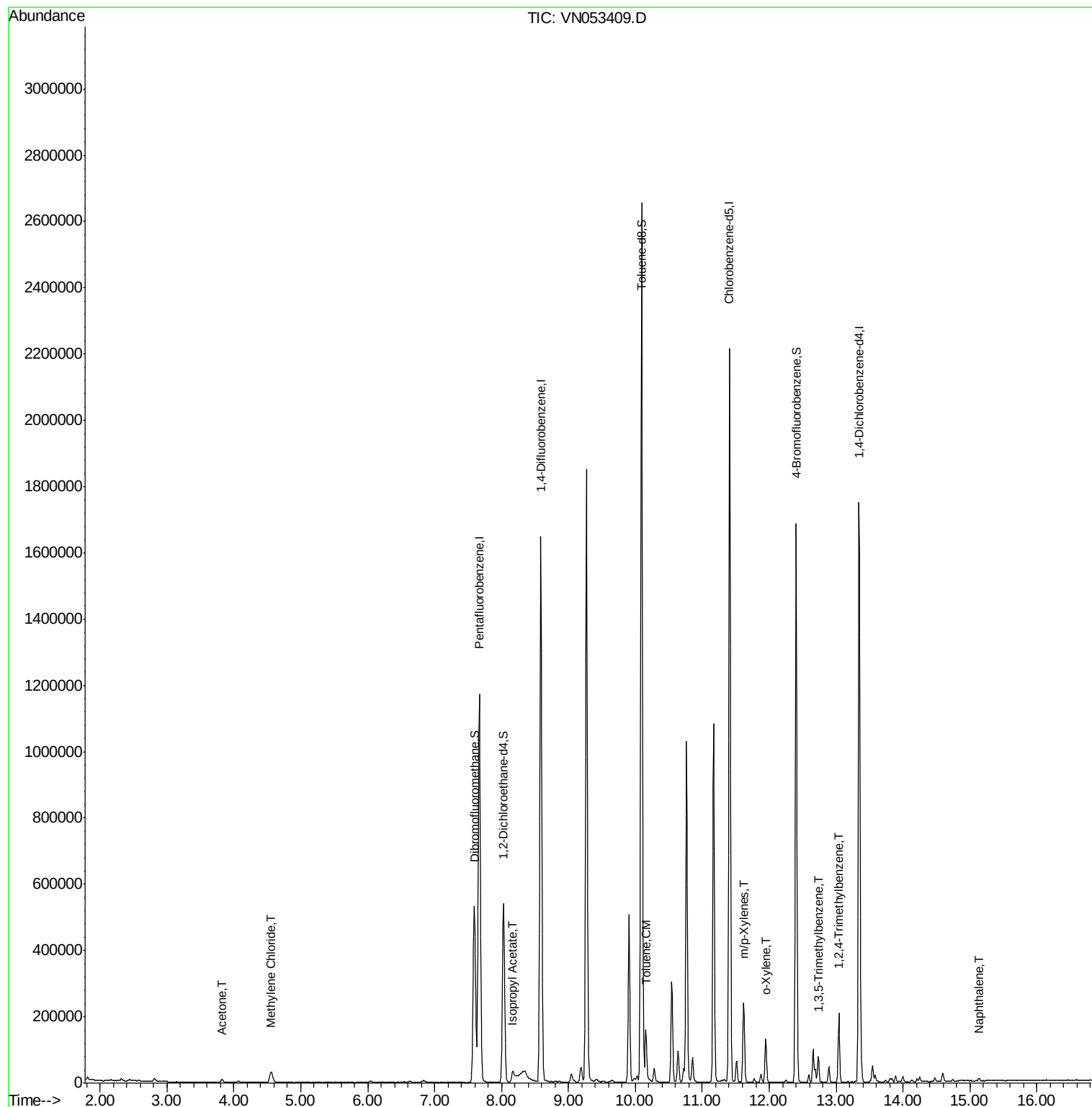
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17213	7.211	ug/l	97
20) Methylene Chloride	4.56	84	23199	2.129	ug/l	97
43) Isopropyl Acetate	8.17	43	48733	3.231	ug/l #	84
52) Toluene	10.16	92	69704	2.646	ug/l	99
68) m/p-Xylenes	11.62	106	78704	4.284	ug/l	99
69) o-Xylene	11.95	106	35491	1.988	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	42336	1.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	123860	4.034	ug/l	99
95) Naphthalene	15.13	128	7839	4.523	ug/l	99

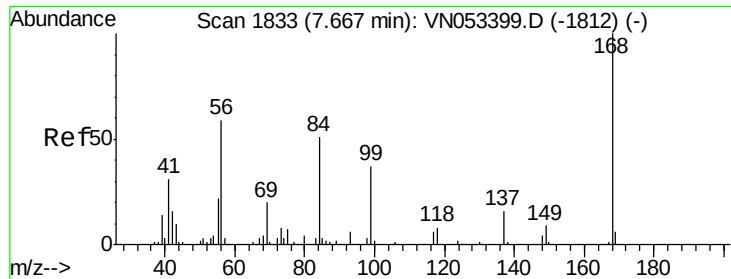
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011519\
Data File : VN053409.D
Acq On : 15 Jan 2019 15:47
Operator : JC/SP
Sample : K1139-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
S-8

Quant Time: Jan 16 04:11:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 2019
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: VN053409.D

Acq: 15 Jan 2019 15:47

Instrument :

MSVOA_N

ClientSampled :

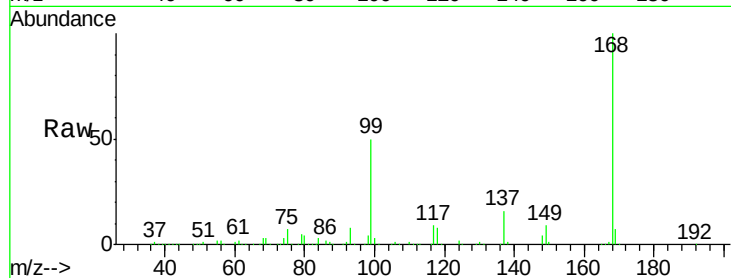
S-8

Tot Ion:168 Resp: 1029367

Ion Ratio Lower Upper

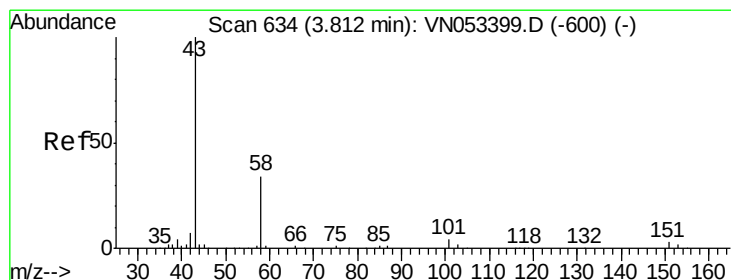
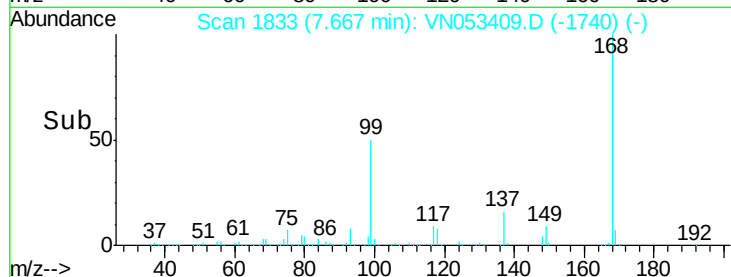
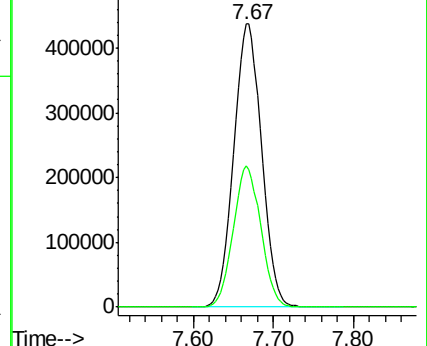
168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.211 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053409.D

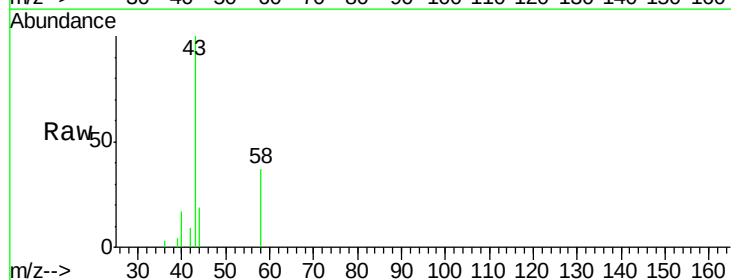
Acq: 15 Jan 2019 15:47

Tgt Ion: 43 Resp: 17213

Ion Ratio Lower Upper

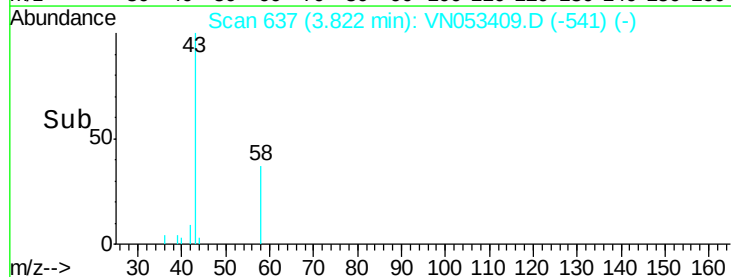
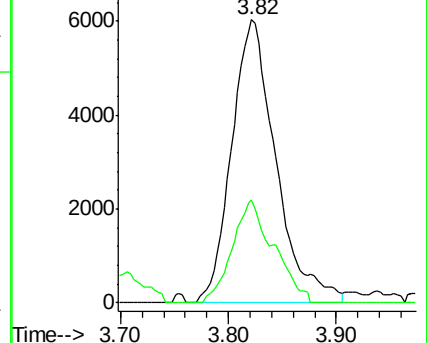
43 100

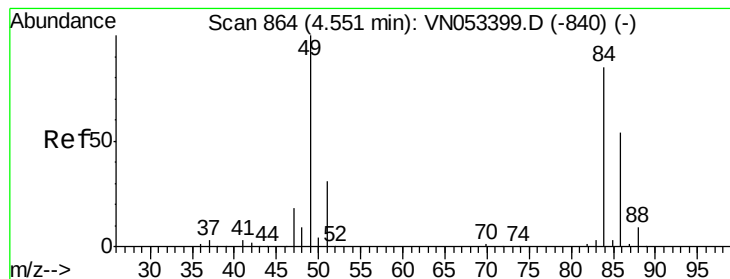
58 36.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.129 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053409.D

Acq: 15 Jan 2019 15:47

Instrument :
MSVOA_N
ClientSampled :
S-8

Tot Ion: 84 Resp: 23199

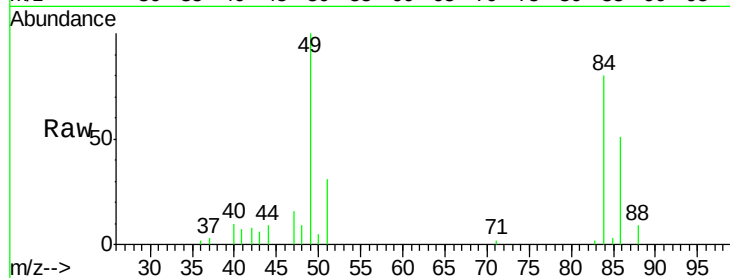
Ion Ratio Lower Upper

84 100

49 124.6 95.3 142.9

51 38.5 29.0 43.6

86 64.1 51.7 77.5

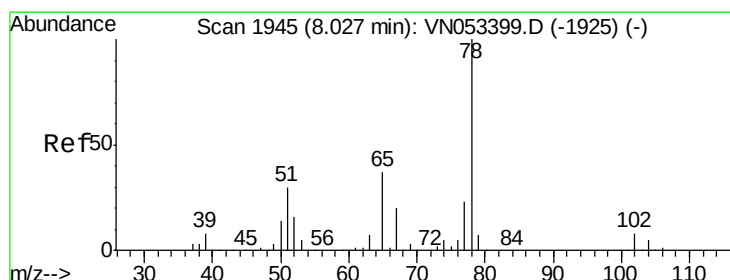
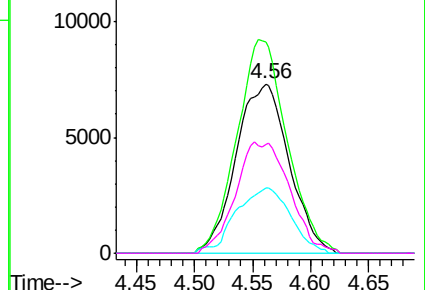
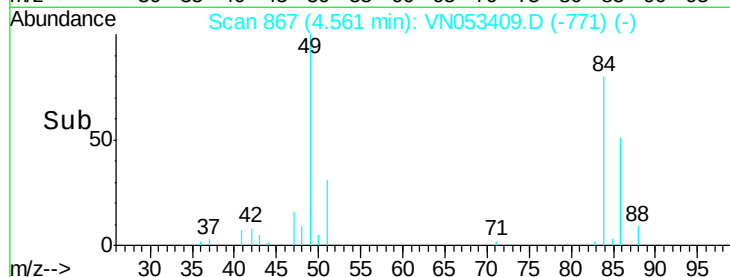


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053409.D

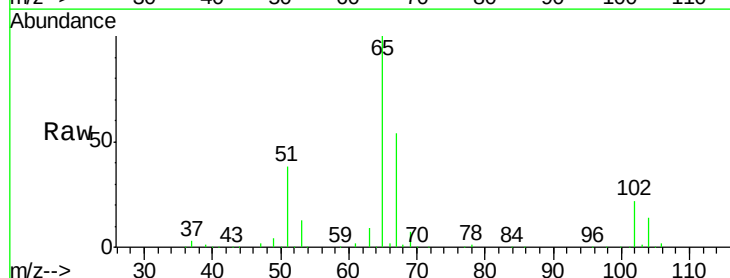
Acq: 15 Jan 2019 15:47

Tgt Ion: 65 Resp: 444787

Ion Ratio Lower Upper

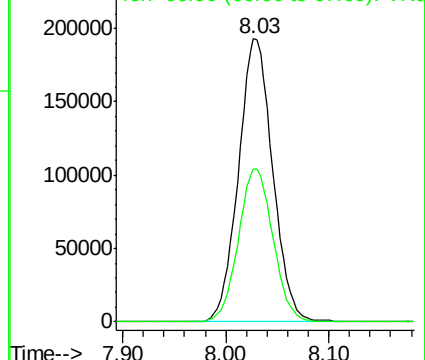
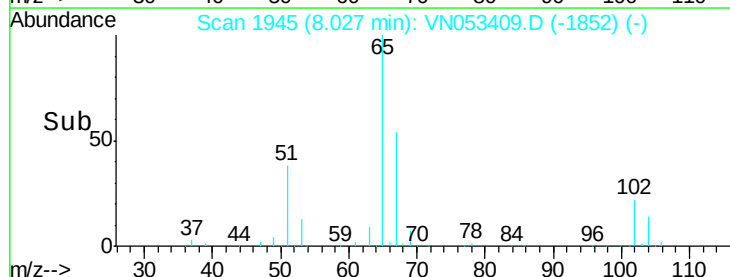
65 100

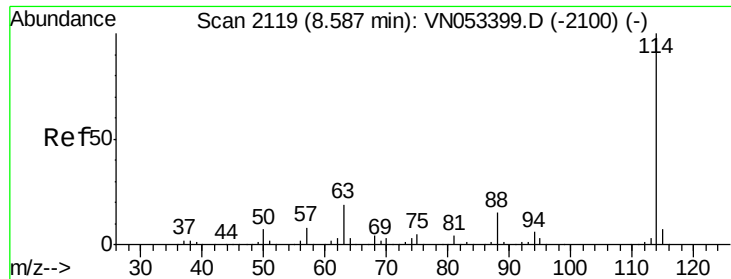
67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

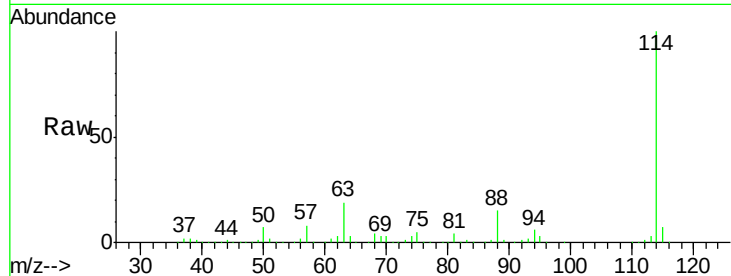




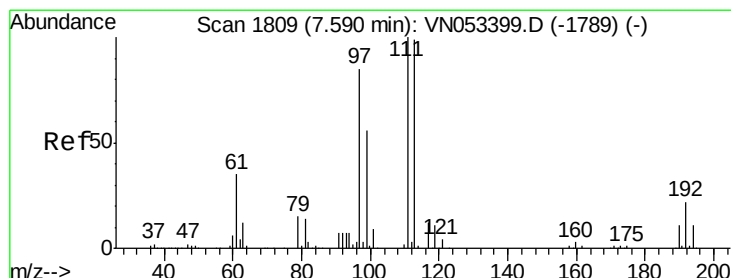
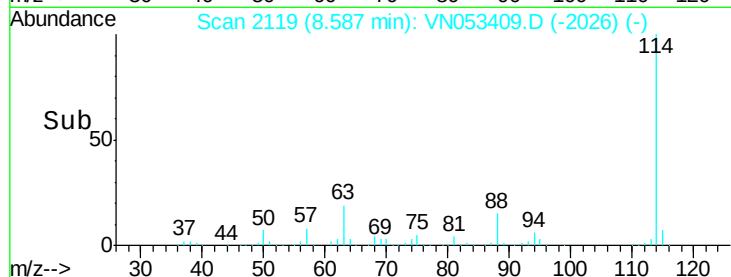
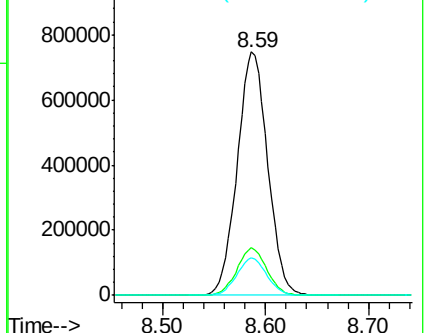
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
S-8

Tot Ion:114 Resp: 1533107
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.0
88 15.4 0.0 30.8

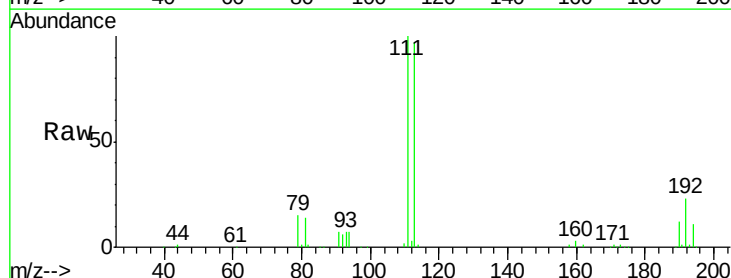


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

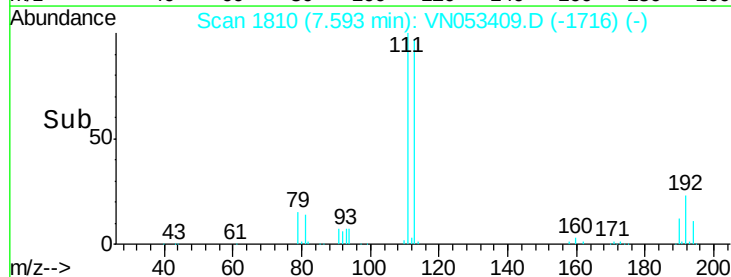
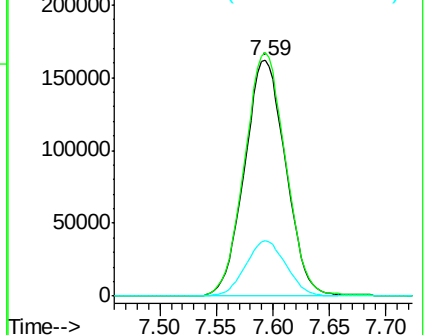


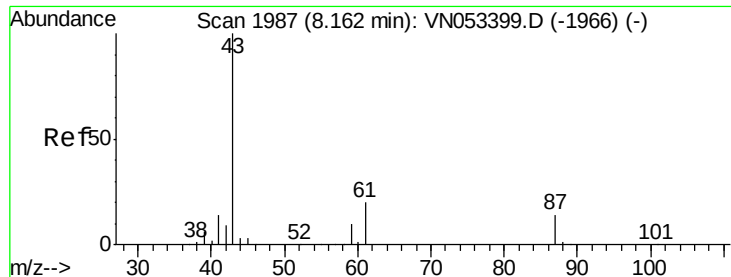
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

Tgt Ion:113 Resp: 409323
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.2
192 23.1 17.9 26.9



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: 3.231 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053409.D

Acq: 15 Jan 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

S-8

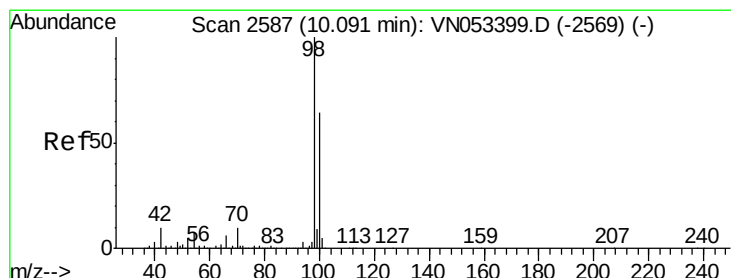
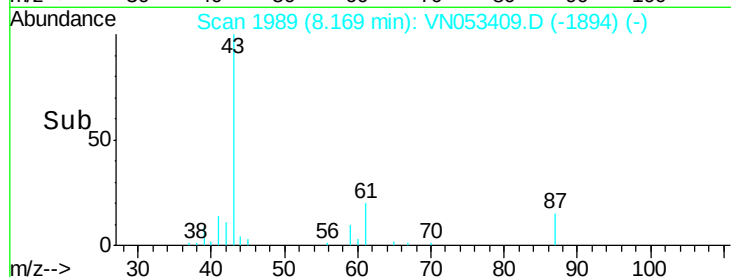
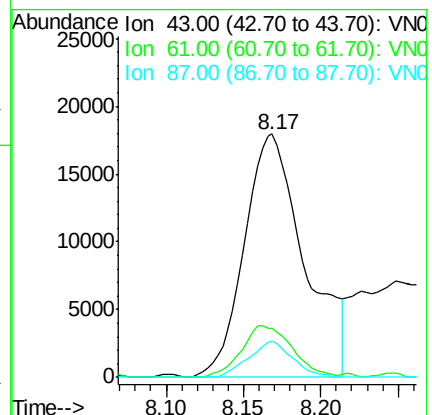
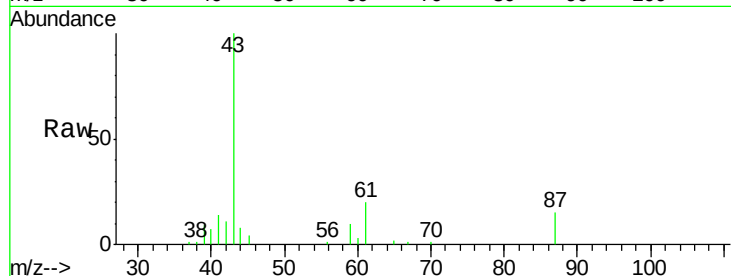
Tot Ion: 43 Resp: 48733

Ion Ratio Lower Upper

43 100

61 17.9 23.3 34.9#

87 10.8 10.8 16.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053409.D

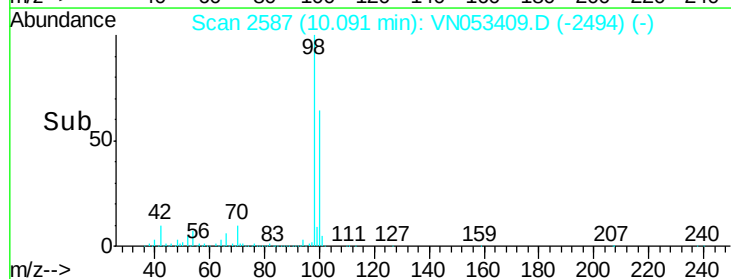
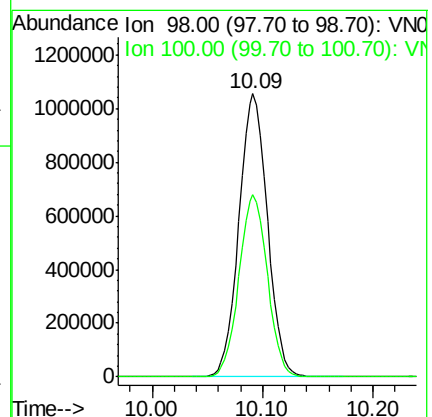
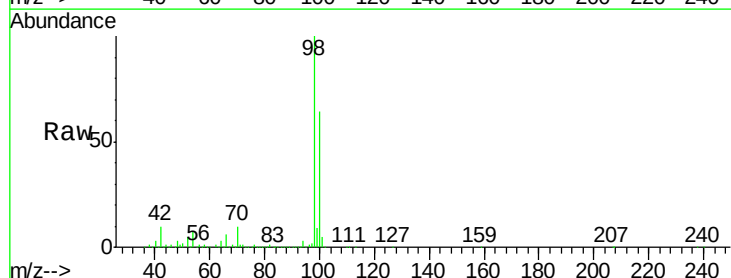
Acq: 15 Jan 2019 15:47

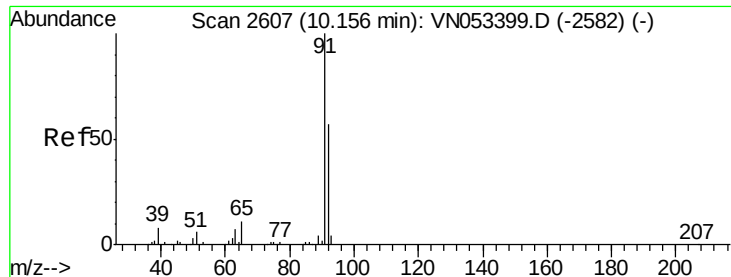
Tgt Ion: 98 Resp: 1884510

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#52

Toluene

Concen: 2.646 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053409.D

Acq: 15 Jan 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

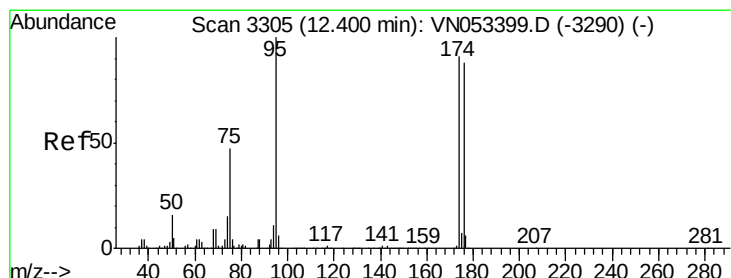
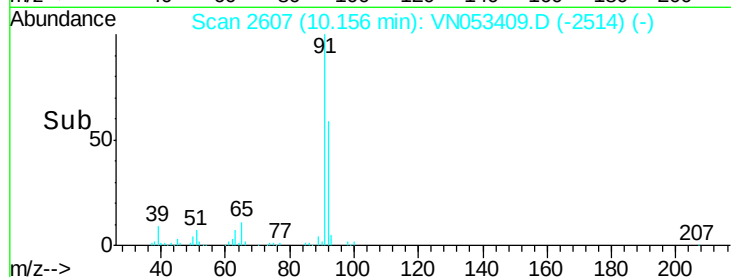
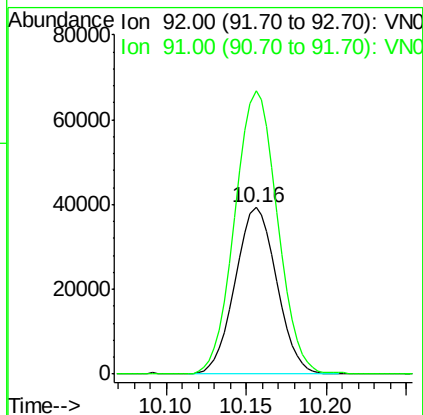
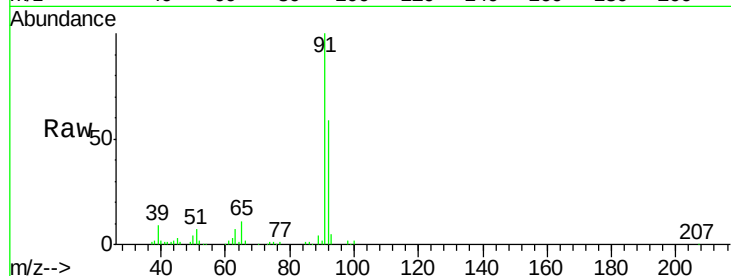
S-8

Tot Ion: 92 Resp: 69704

Ion Ratio Lower Upper

92 100

91 174.0 138.6 208.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053409.D

Acq: 15 Jan 2019 15:47

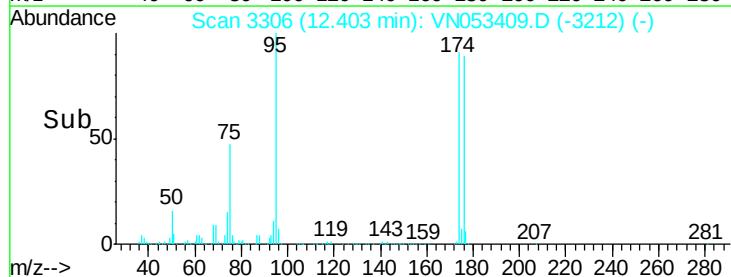
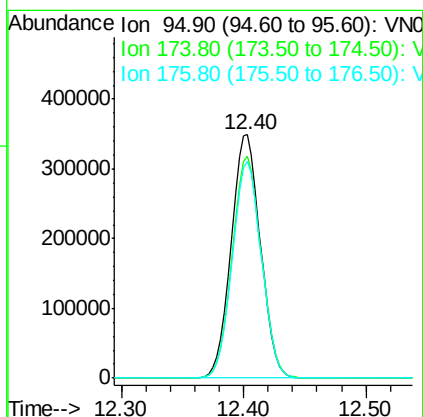
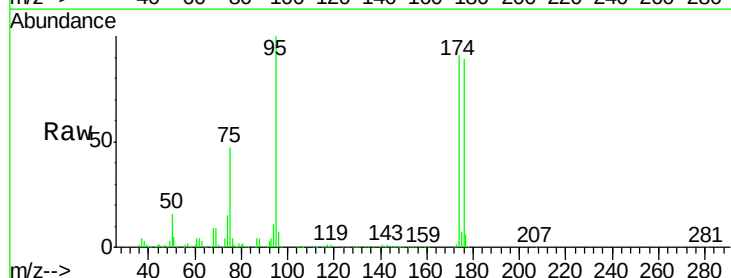
Tgt Ion: 95 Resp: 582213

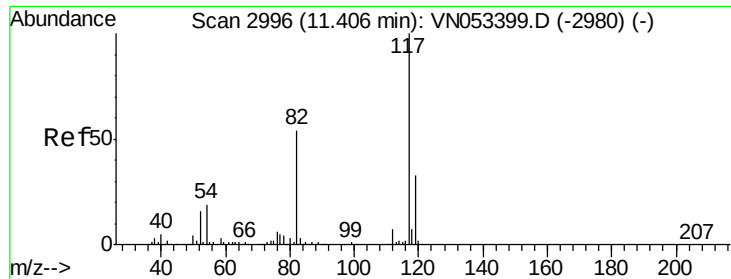
Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

176 88.5 0.0 175.6

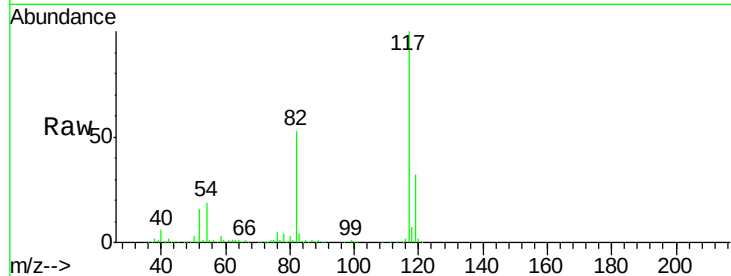




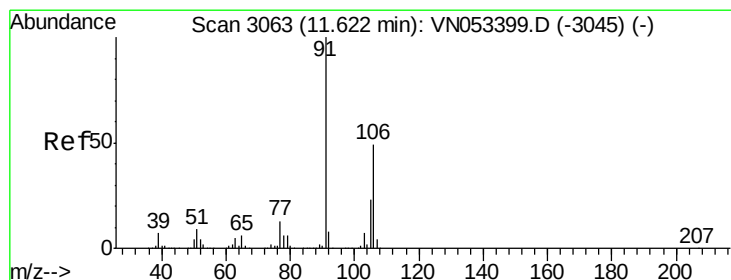
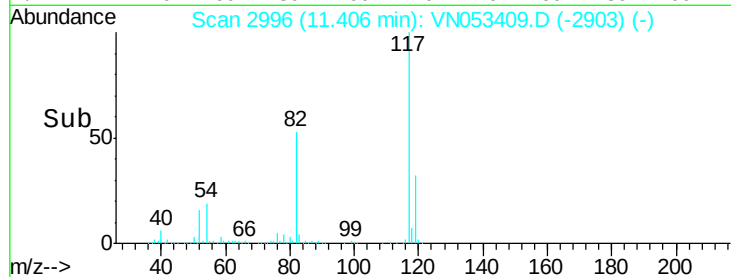
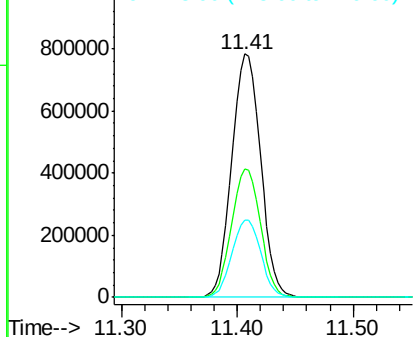
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

Instrument :
MSVOA_N
ClientSampled :
S-8

Tot Ion:117 Resp: 1348820
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 31.9 25.6 38.4

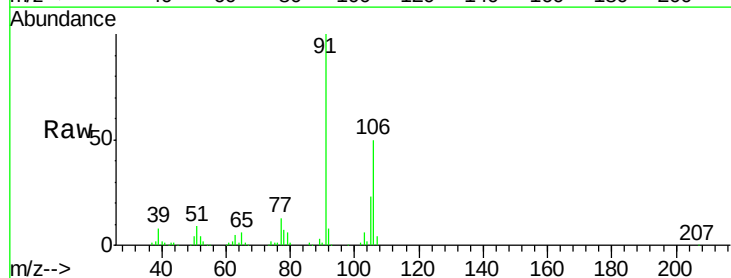


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

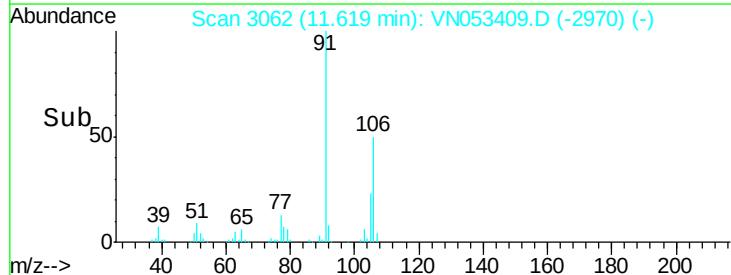
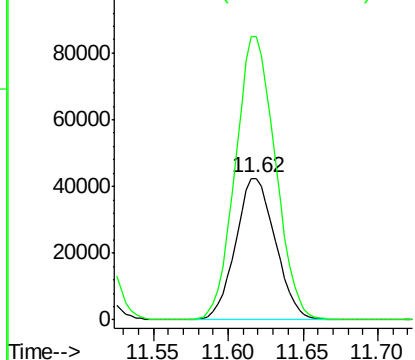


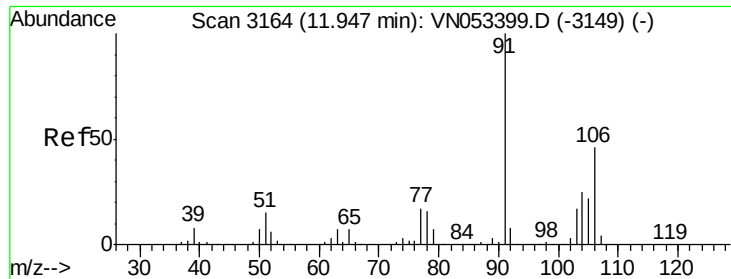
#68
m/p-Xylenes
Concen: 4.284 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

Tgt Ion:106 Resp: 78704
Ion Ratio Lower Upper
106 100
91 200.8 161.4 242.2



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

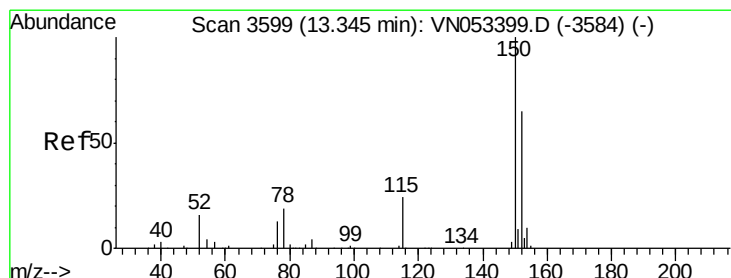
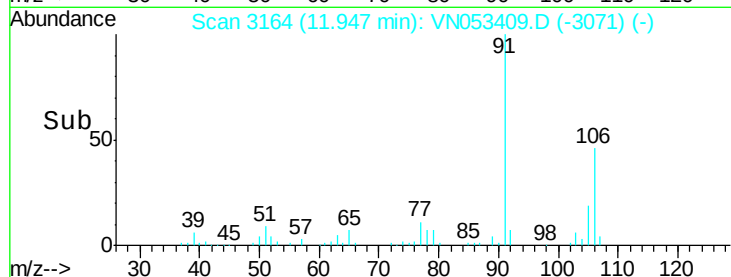
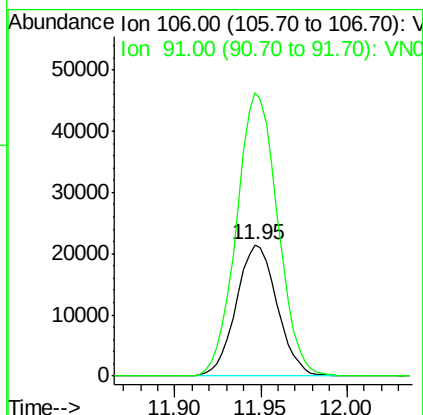
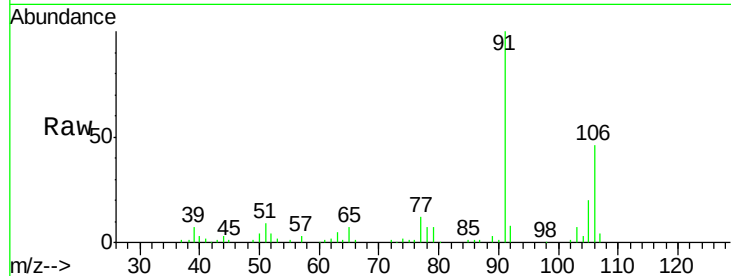




#69
o-Xylene
Concen: 1.988 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

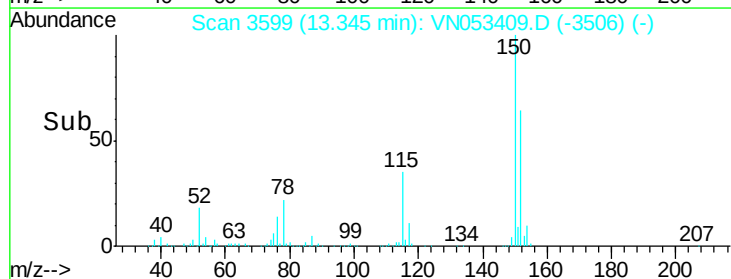
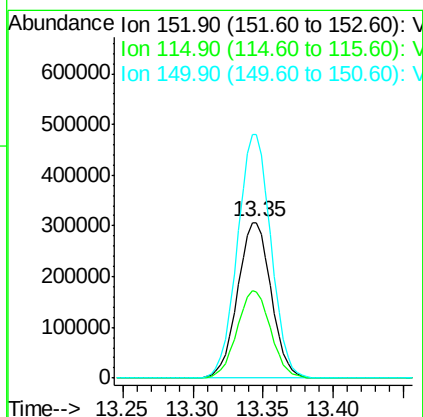
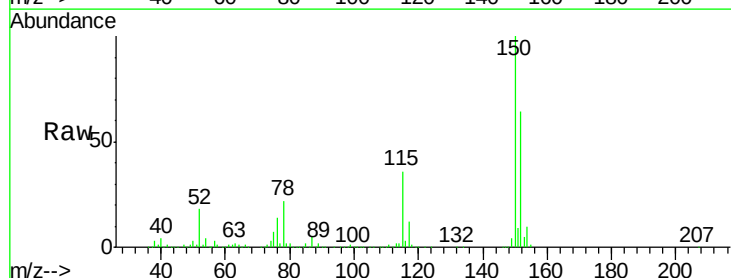
Instrument :
MSVOA_N
ClientSampled :
S-8

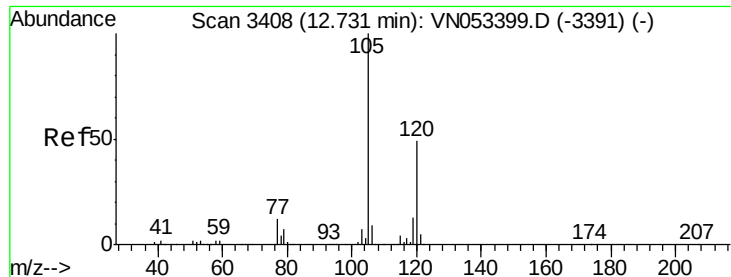
Tot Ion:106 Resp: 35491
Ion Ratio Lower Upper
106 100
91 217.0 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053409.D
Acq: 15 Jan 2019 15:47

Tgt Ion:152 Resp: 511092
Ion Ratio Lower Upper
152 100
115 56.5 28.0 84.0
150 156.5 0.0 346.6

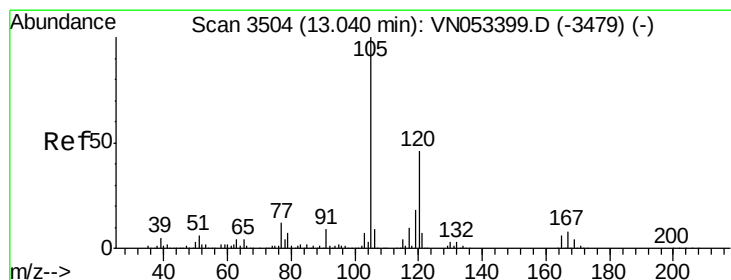
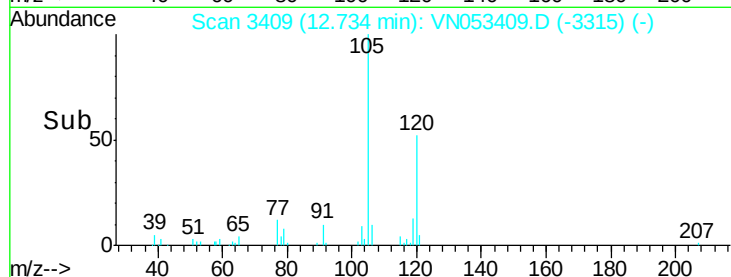
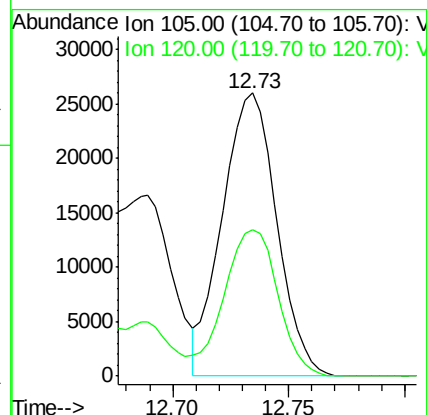
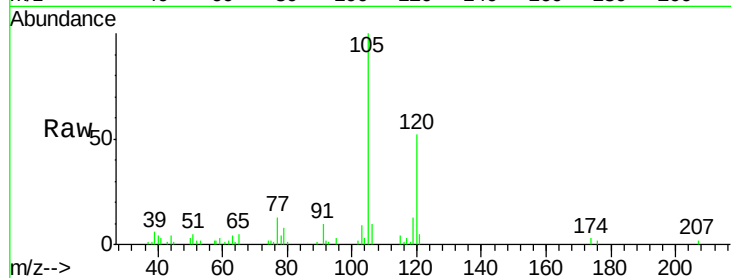




#80
 1,3,5-Trimethylbenzene
 Concen: 1.390 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053409.D
 Acq: 15 Jan 2019 15:47

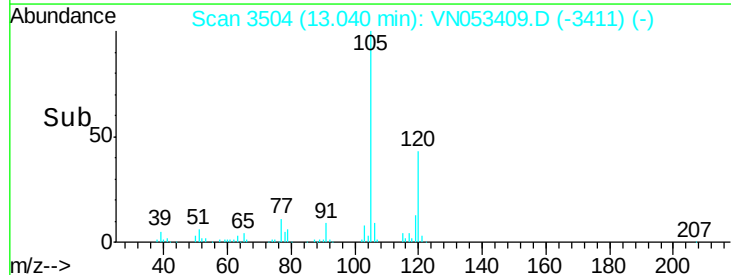
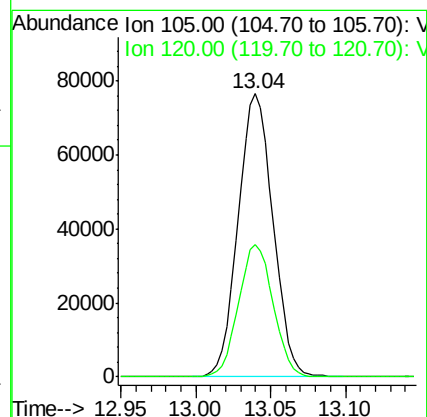
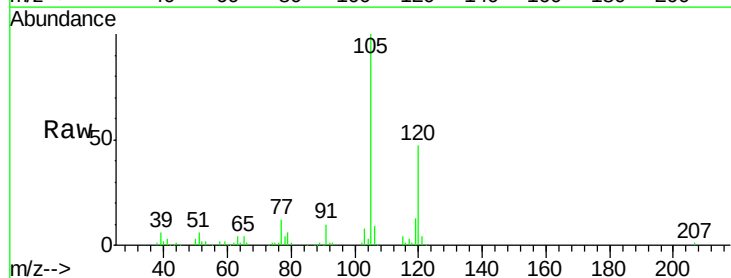
Instrument :
 MSVOA_N
 ClientSampleId :
 S-8

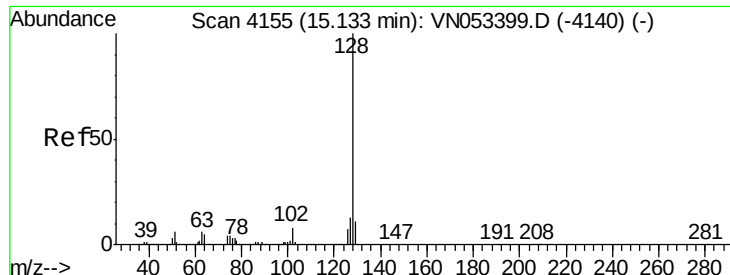
Tot Ion:105 Resp: 42336
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.034 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053409.D
 Acq: 15 Jan 2019 15:47

Tgt Ion:105 Resp: 123860
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0





#95

Naphthalene

Concen: 4.523 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053409.D

Acq: 15 Jan 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

S-8

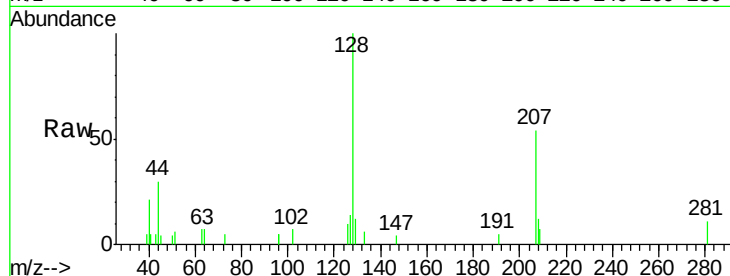
Tot Ion:128 Resp: 7839

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.2 8.7 13.1



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

