

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055503.D
 Acq On : 9 May 2019 17:44
 Operator : JC/SP
 Sample : K2752-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

Quant Time: May 10 04:47:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

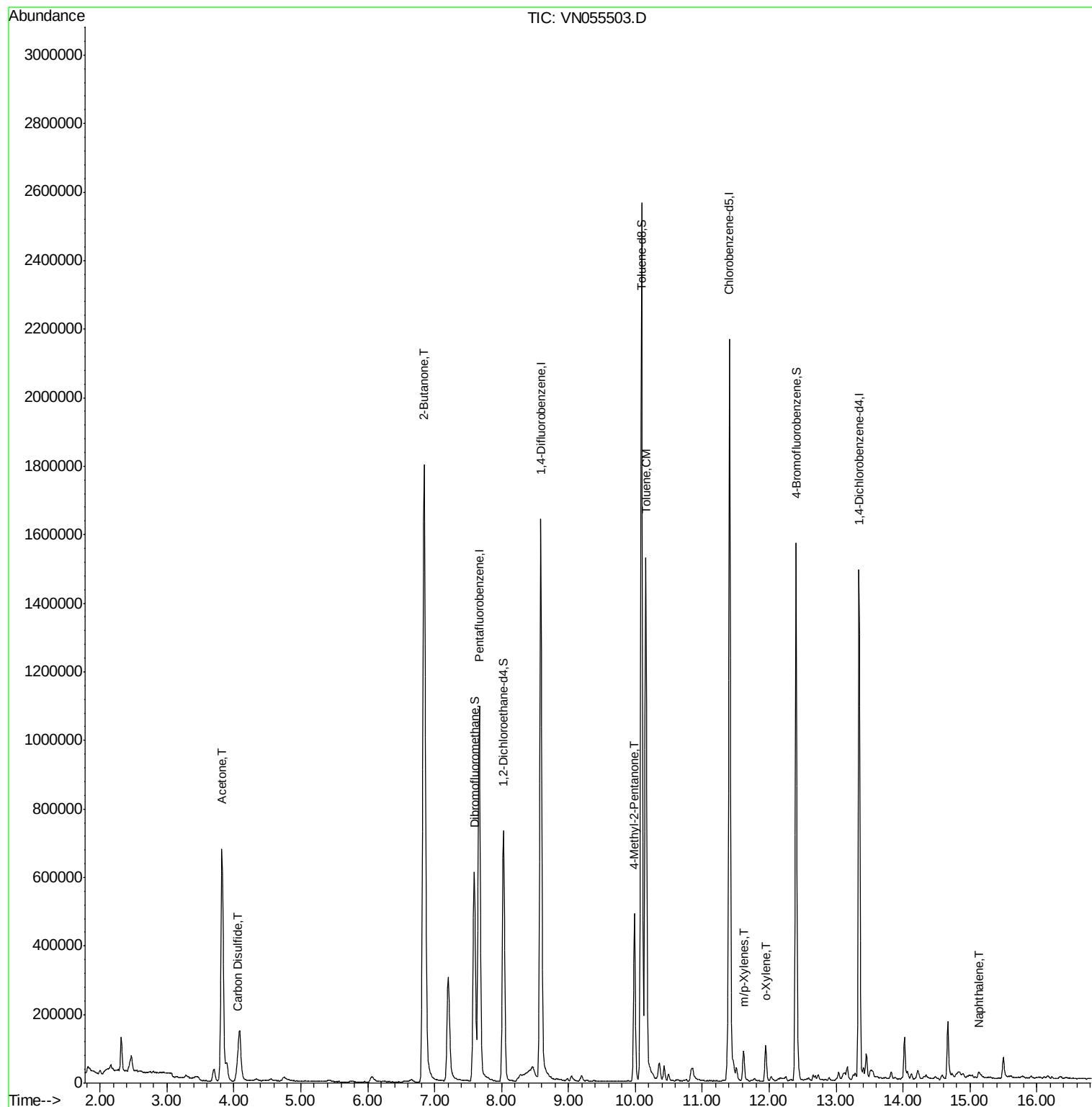
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	911294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1503652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1271699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	621890	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
35) Dibromofluoromethane	7.59	113	474035	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.09	98	1854079	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	556846	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
16) Acetone	3.82	43	1148183	180.723	ug/l	100
17) Carbon Disulfide	4.05	76	70426	2.591	ug/l	99
25) 2-Butanone	6.84	43	3393382	386.655	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	362334	22.441	ug/l	100
52) Toluene	10.16	92	686949	26.136	ug/l	99
68) m/p-Xylenes	11.62	106	27630	1.567	ug/l	98
69) o-Xylene	11.95	106	26993	1.557	ug/l	99
95) Naphthalene	15.13	128	12575	3.643	ug/l	98

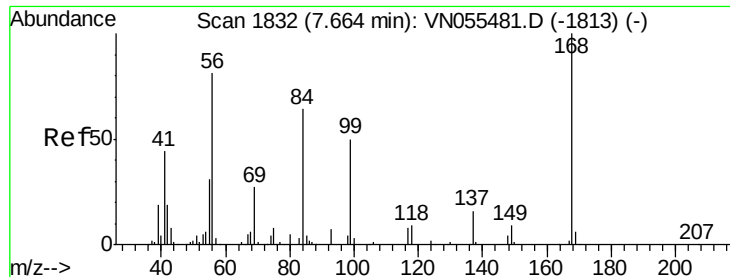
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
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Acq On : 9 May 2019 17:44
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Quant Time: May 10 04:47:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 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: VN055503.D

Acq: 9 May 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

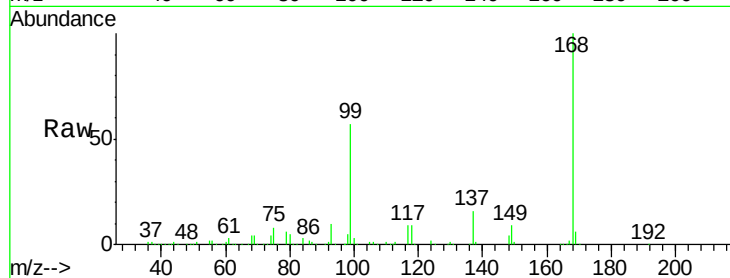
COMP-4

Tot Ion:168 Resp: 911294

Ion Ratio Lower Upper

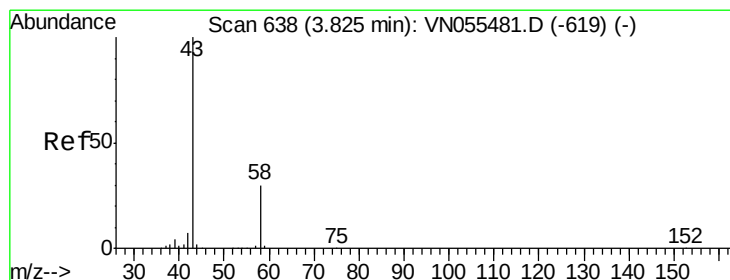
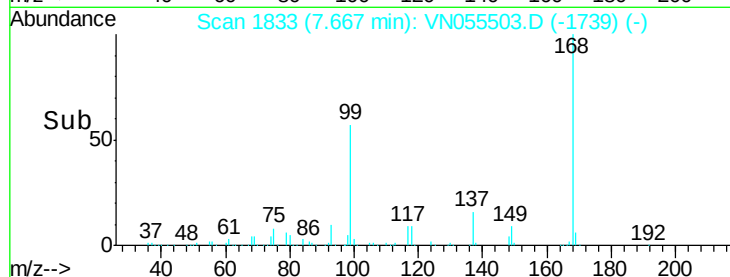
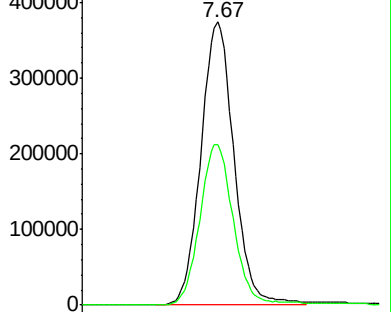
168 100

99 56.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 180.723 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055503.D

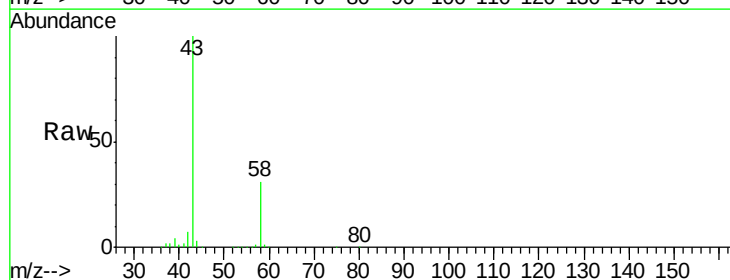
Acq: 9 May 2019 17:44

Tgt Ion: 43 Resp: 1148183

Ion Ratio Lower Upper

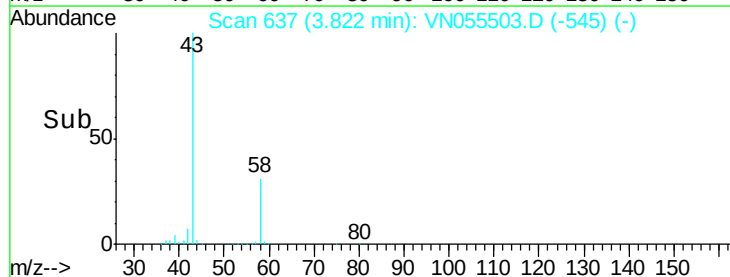
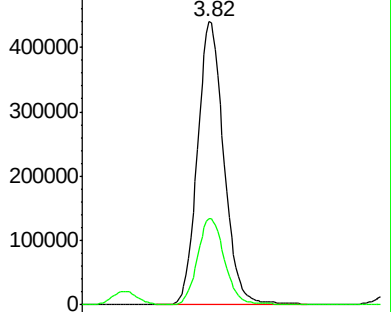
43 100

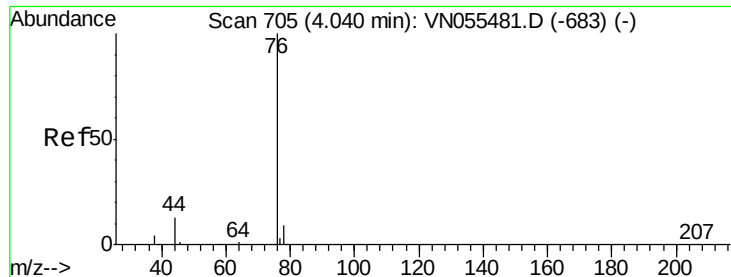
58 30.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 2.591 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055503.D

Acq: 9 May 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

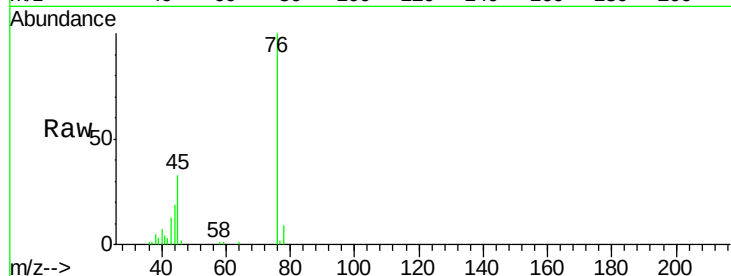
COMP-4

Tot Ion: 76 Resp: 70426

Ion Ratio Lower Upper

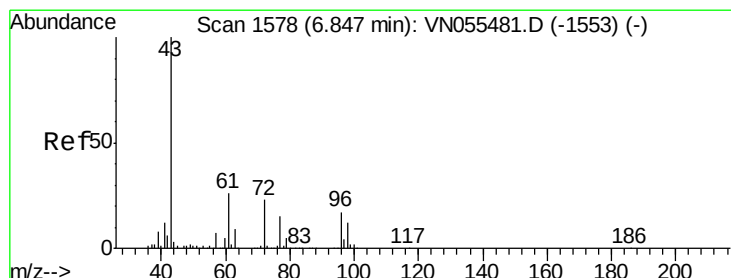
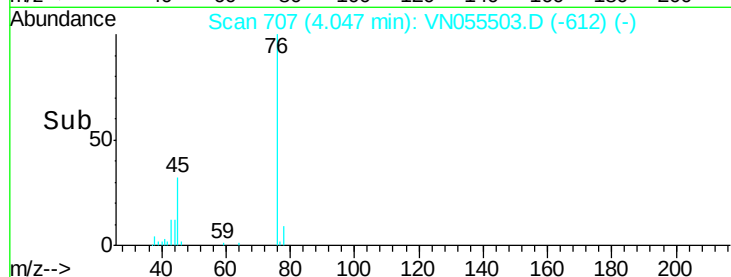
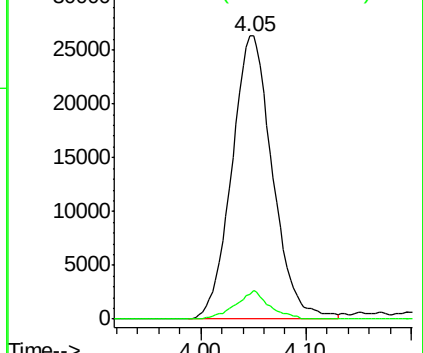
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#25

2-Butanone

Concen: 386.655 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN055503.D

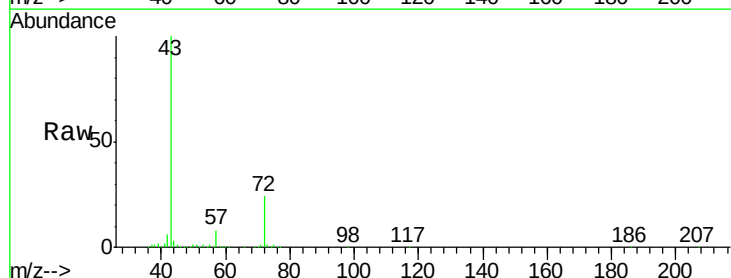
Acq: 9 May 2019 17:44

Tgt Ion: 43 Resp: 3393382

Ion Ratio Lower Upper

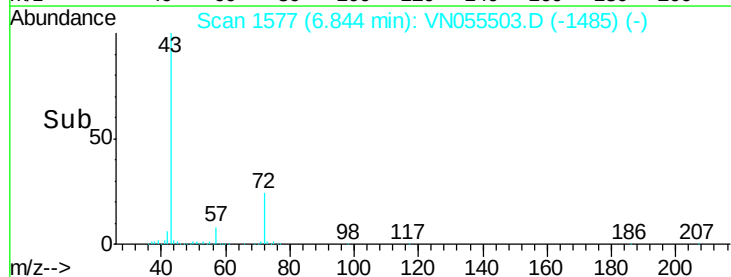
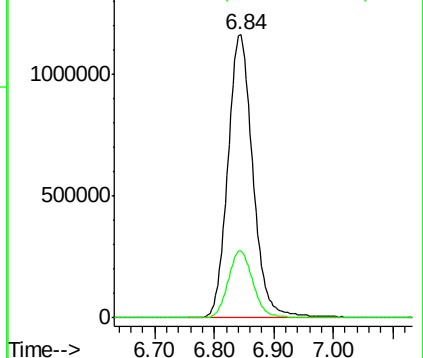
43 100

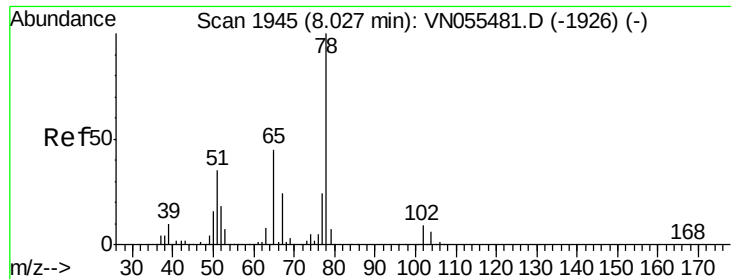
72 23.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

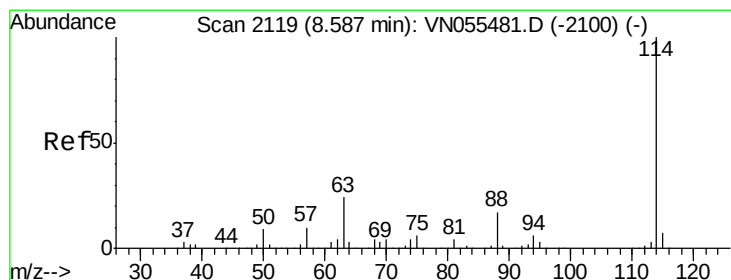
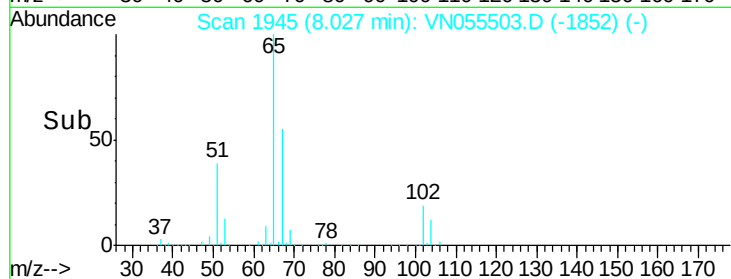
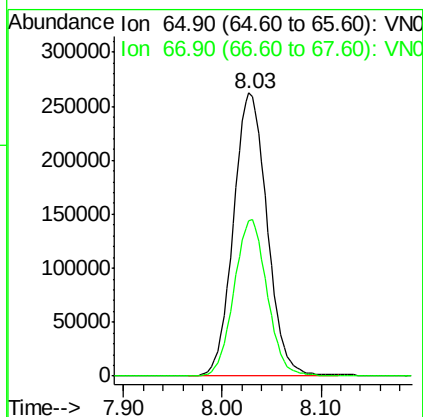
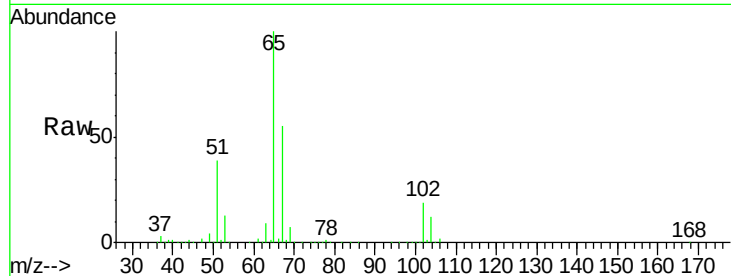




#33
 1,2-Dichloroethane-d4
 Concen: 45.324 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

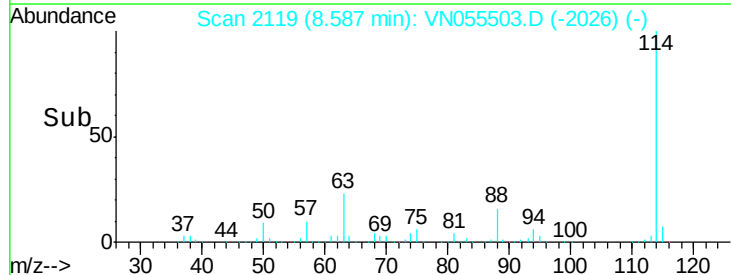
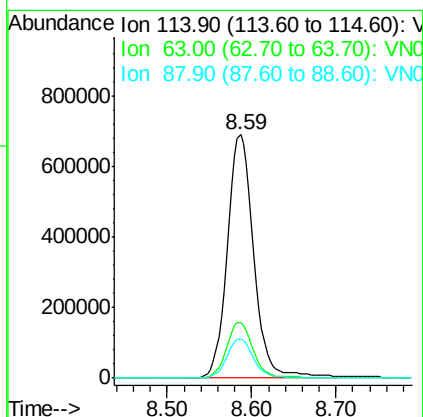
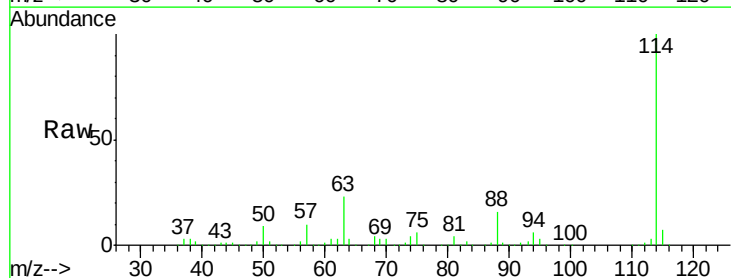
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

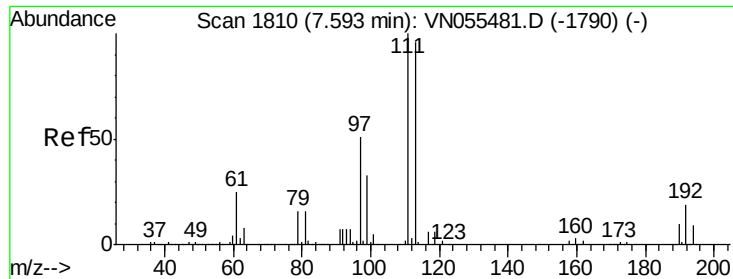
Tot Ion: 65 Resp: 621890
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

Tgt Ion: 114 Resp: 1503652
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.1 0.0 34.0

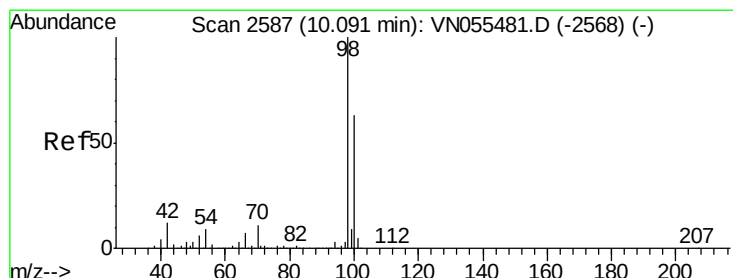
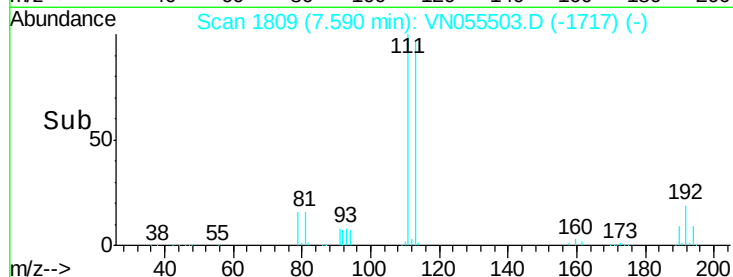
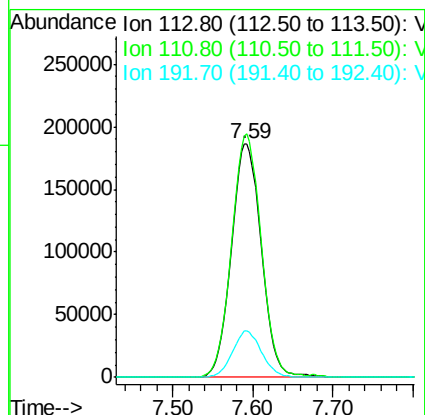
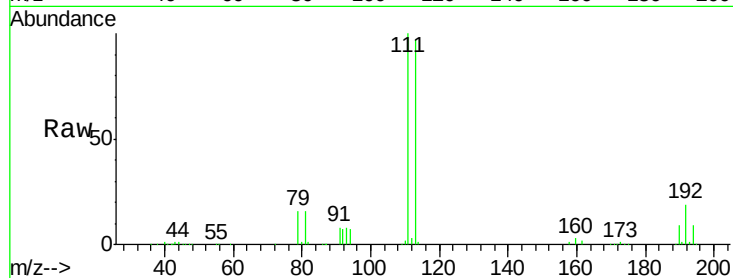




#35
 Dibromofluoromethane
 Concen: 48.871 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

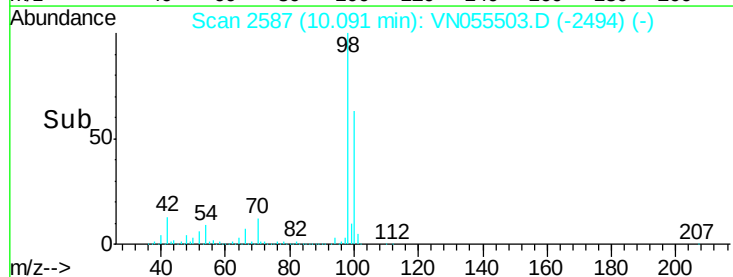
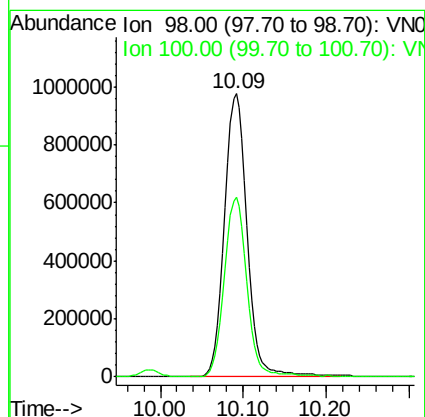
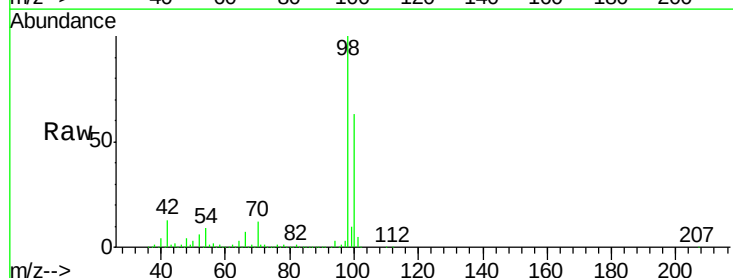
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

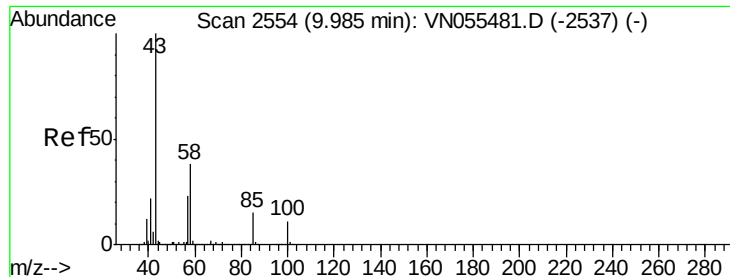
Tot Ion:113 Resp: 474035
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.5 15.6 23.4



#50
 Toluene-d8
 Concen: 49.051 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

Tgt Ion: 98 Resp: 1854079
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.4 75.6

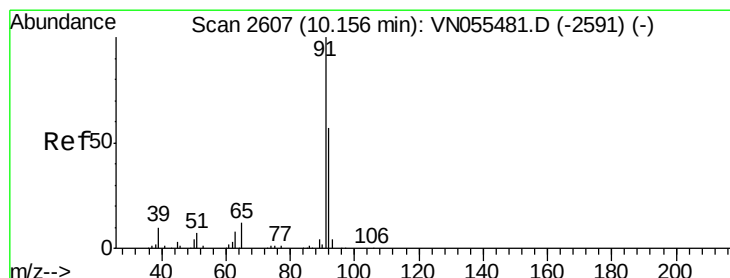
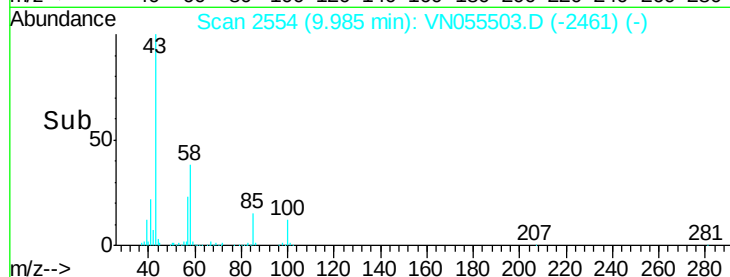
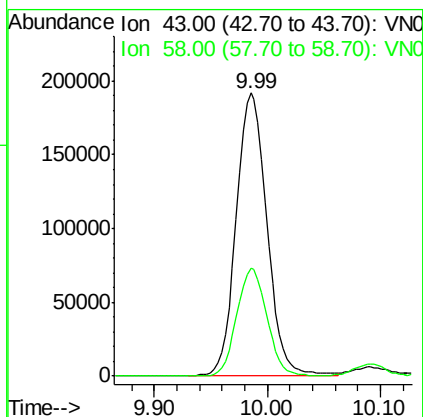
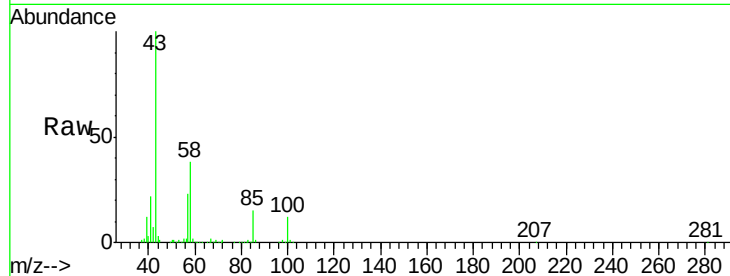




#51
 4-Methyl-2-Pentanone
 Concen: 22.441 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

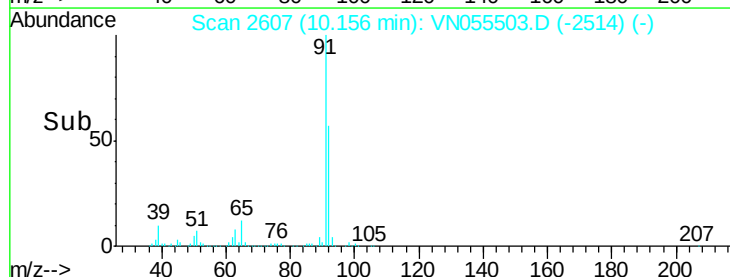
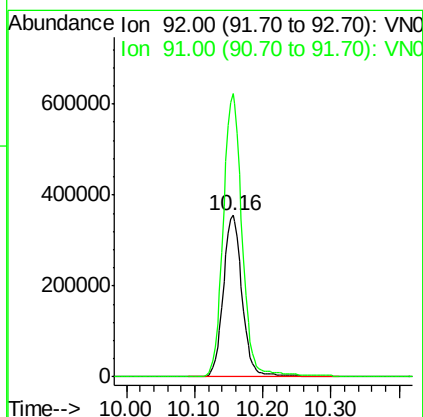
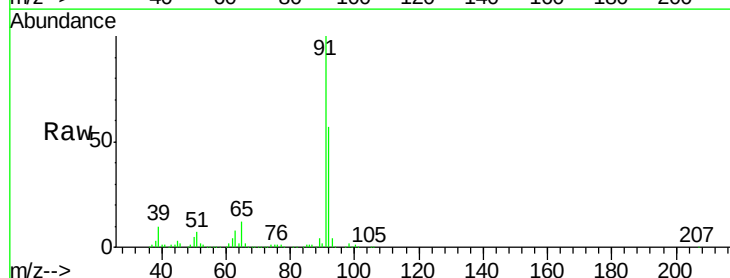
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4

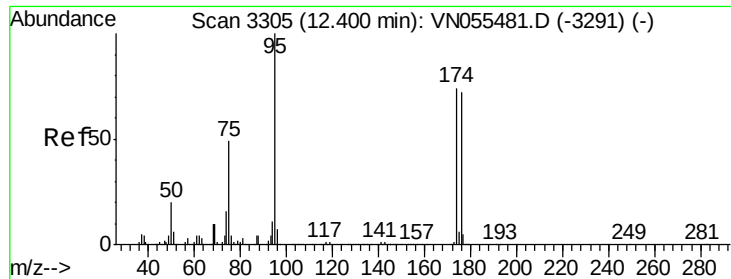
Tot Ion: 43 Resp: 362334
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.9 44.9



#52
 Toluene
 Concen: 26.136 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN055503.D
 Acq: 9 May 2019 17:44

Tgt Ion: 92 Resp: 686949
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 43.690 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055503.D

Acq: 9 May 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

COMP-4

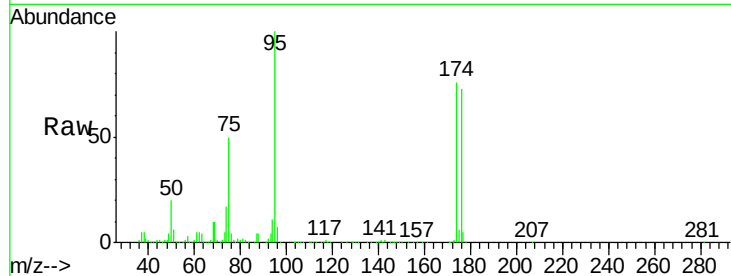
Tot Ion: 95 Resp: 556846

Ion Ratio Lower Upper

95 100

174 78.1 0.0 152.2

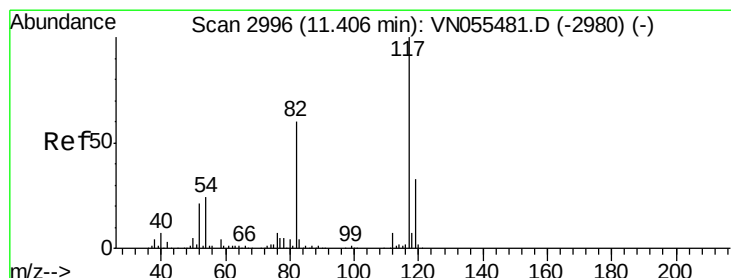
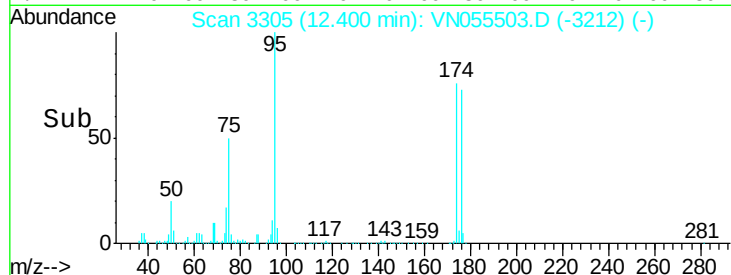
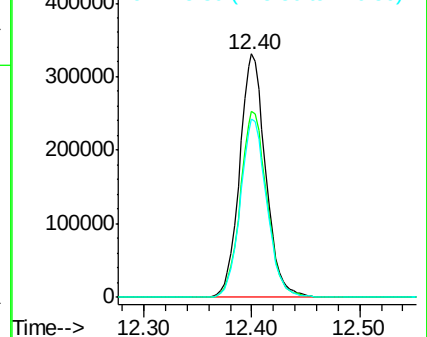
176 74.3 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055503.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055503.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055503.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055503.D

Acq: 9 May 2019 17:44

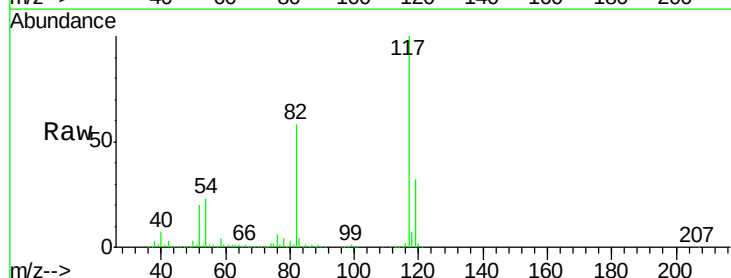
Tgt Ion: 117 Resp: 1271699

Ion Ratio Lower Upper

117 100

82 58.3 48.0 72.0

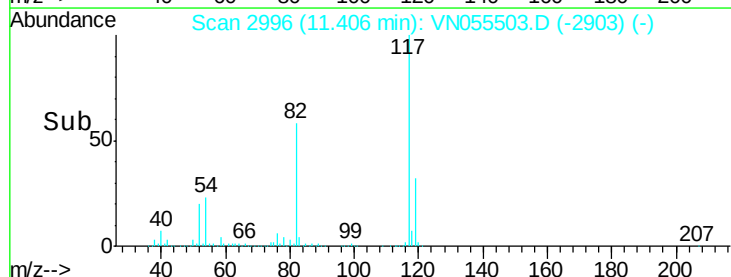
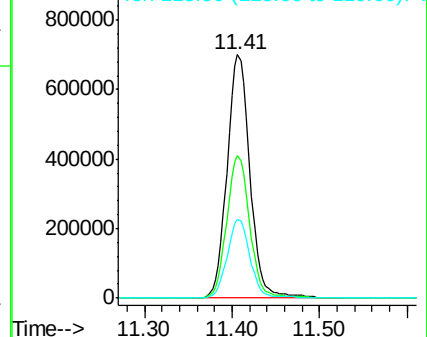
119 32.5 26.0 39.0

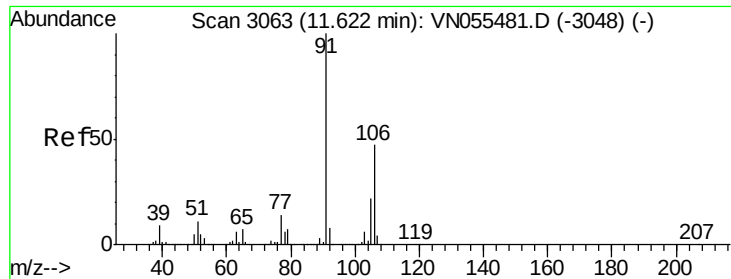


Abundance Ion 116.90 (116.60 to 117.60): VN055503.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055503.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055503.D (-2903) (-)

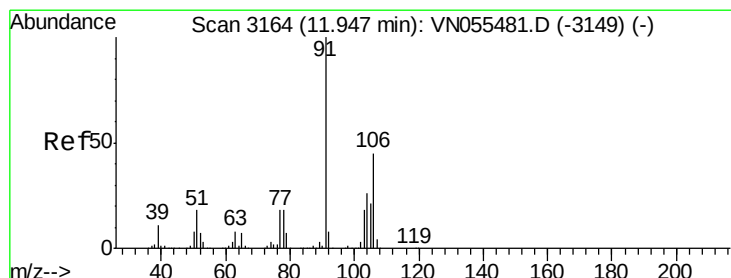
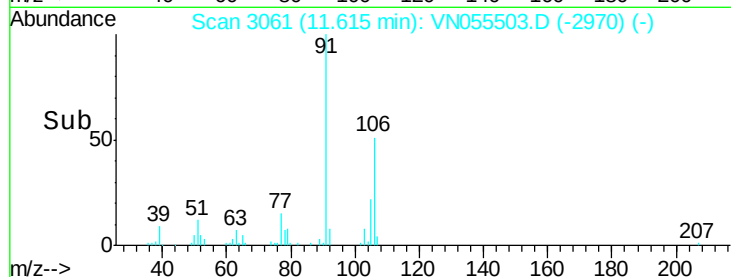
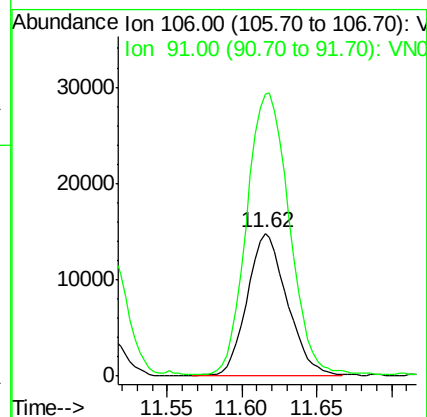
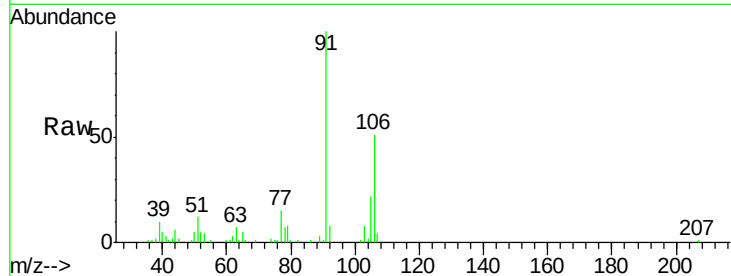




#68
m/p-Xylenes
Concen: 1.567 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055503.D
Acq: 9 May 2019 17:44

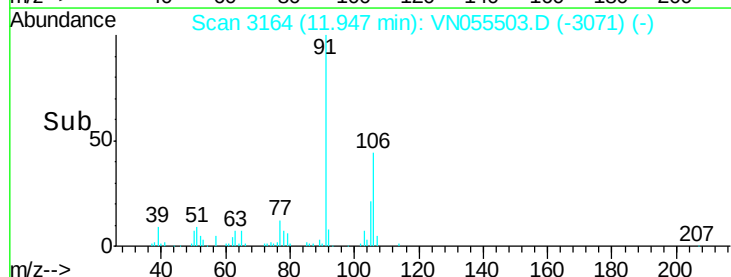
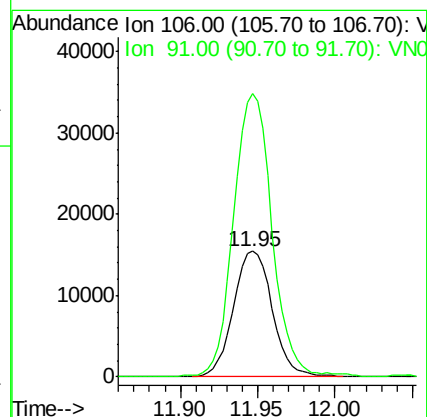
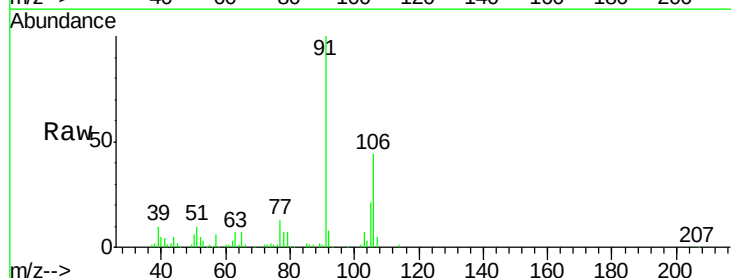
Instrument :
MSVOA_N
ClientSampled :
COMP-4

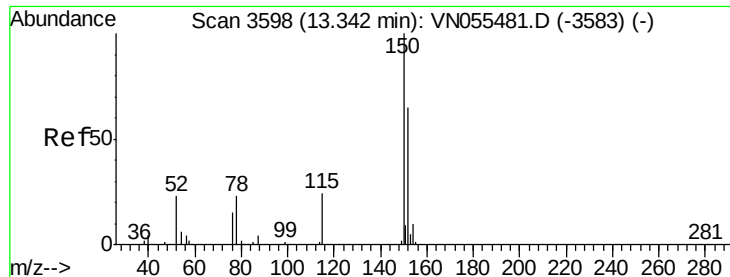
Tot Ion:106 Resp: 27630
Ion Ratio Lower Upper
106 100
91 208.5 169.2 253.8



#69
o-Xylene
Concen: 1.557 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055503.D
Acq: 9 May 2019 17:44

Tgt Ion:106 Resp: 26993
Ion Ratio Lower Upper
106 100
91 223.8 111.3 333.8



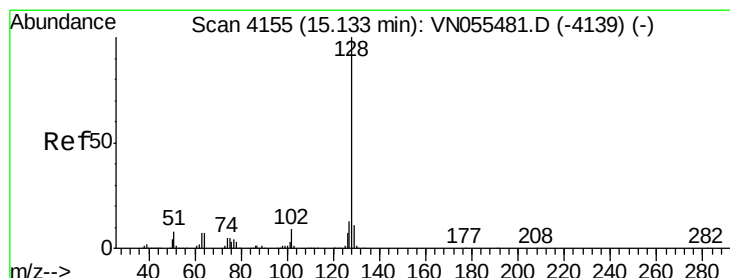
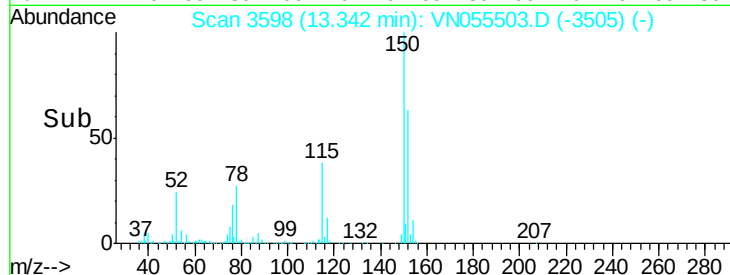
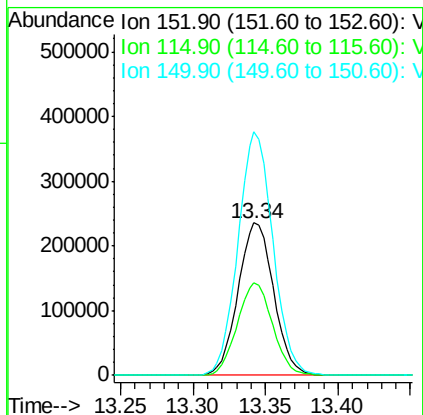
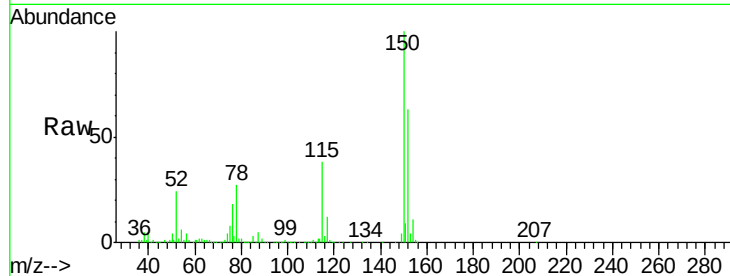


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055503.D
Acq: 9 May 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
COMP-4

Tot Ion:152 Resp: 402212
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 156.6 0.0 355.0



#95

Naphthalene
Concen: 3.643 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055503.D
Acq: 9 May 2019 17:44

Tgt Ion:128 Resp: 12575
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 12.1 8.8 13.2

