

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054410.D
 Acq On : 18 Mar 2019 23:33
 Operator : JC/SP
 Sample : K1902-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30276

Quant Time: Mar 19 07:11:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

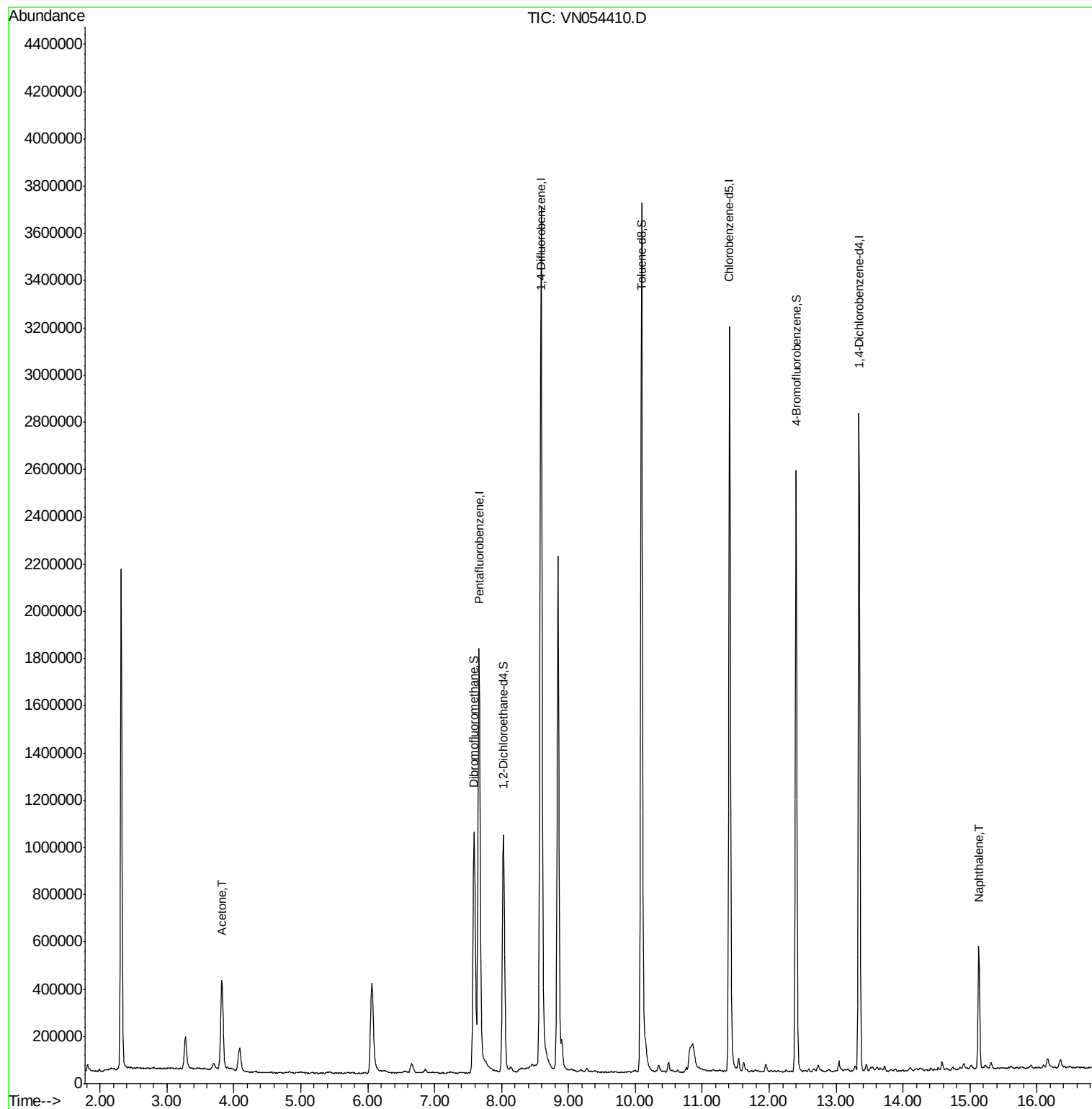
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1784267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2554793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2134556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	821487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	851431	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
35) Dibromofluoromethane	7.59	113	779836	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.09	98	2927902	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	887637	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.38%	
Target Compounds						
16) Acetone	3.82	43	616233	113.580	ug/l	98
95) Naphthalene	15.13	128	471540	15.649	ug/l	99

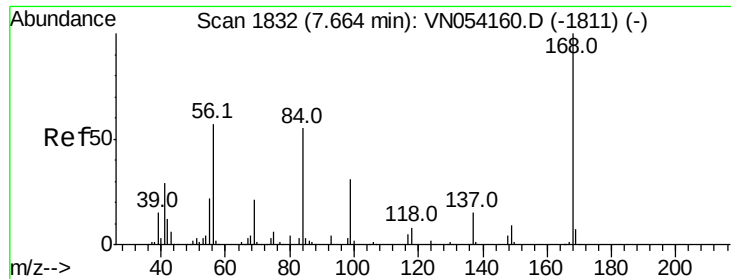
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

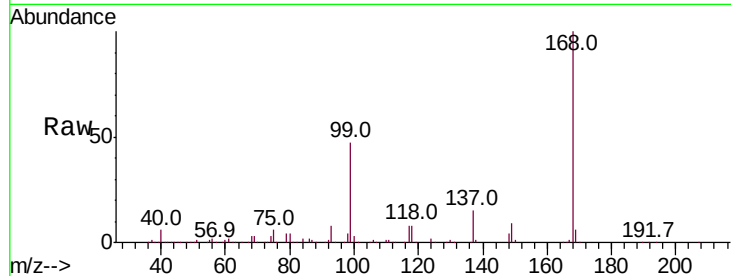
30276

Tot Ion:168 Resp: 1784267

Ion Ratio Lower Upper

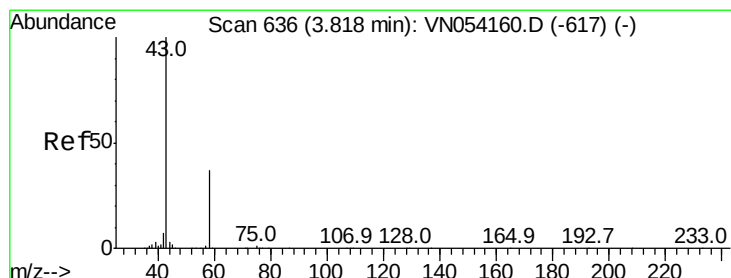
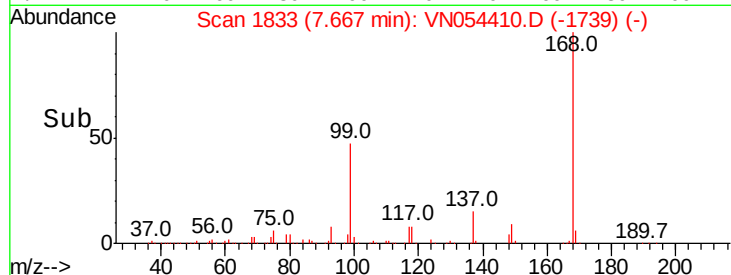
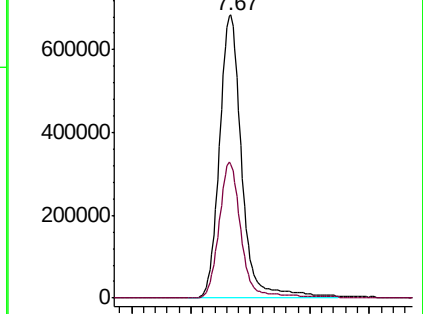
168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054410.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054410.D (-1739) (-)



#16

Acetone

Concen: 113.580 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054410.D

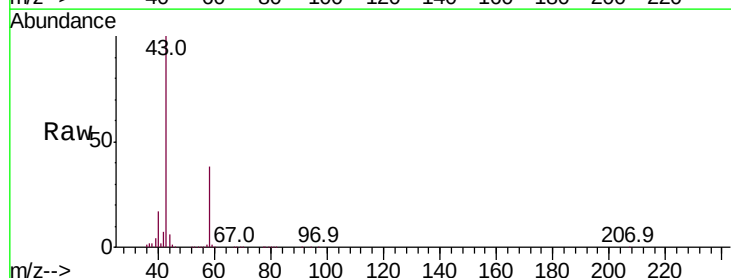
Acq: 18 Mar 2019 23:33

Tgt Ion: 43 Resp: 616233

Ion Ratio Lower Upper

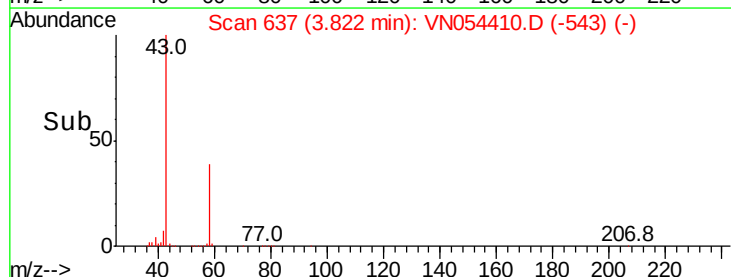
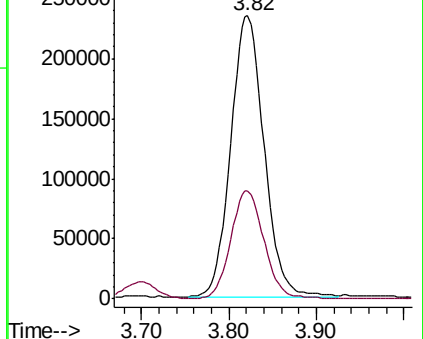
43 100

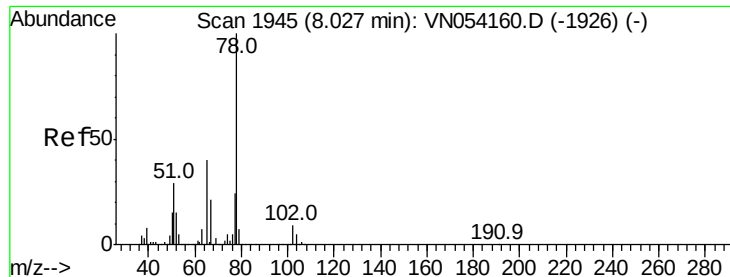
58 38.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054410.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054410.D (-543) (-)

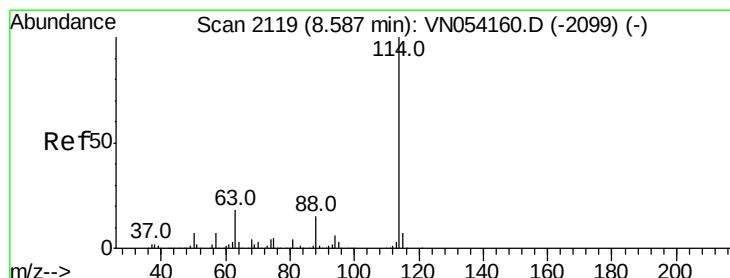
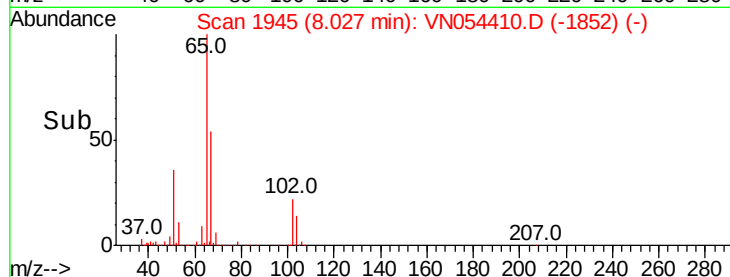
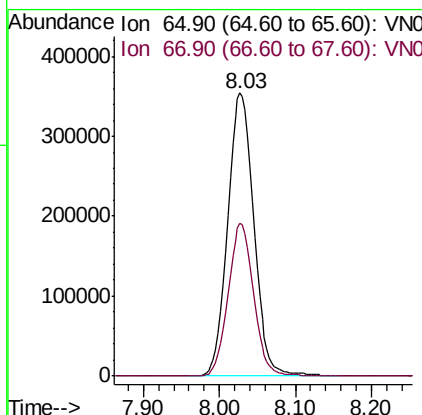
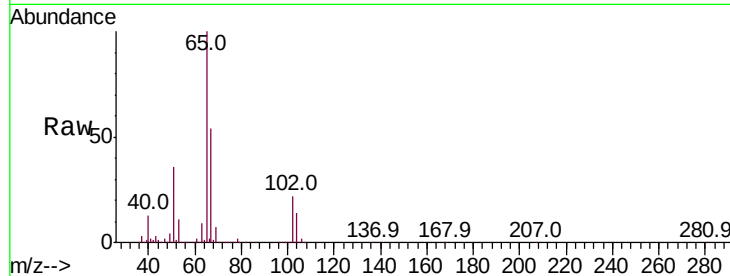




#33
 1,2-Dichloroethane-d4
 Concen: 44.933 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054410.D
 Acq: 18 Mar 2019 23:33

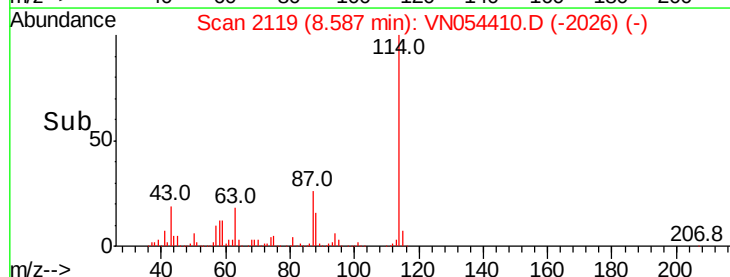
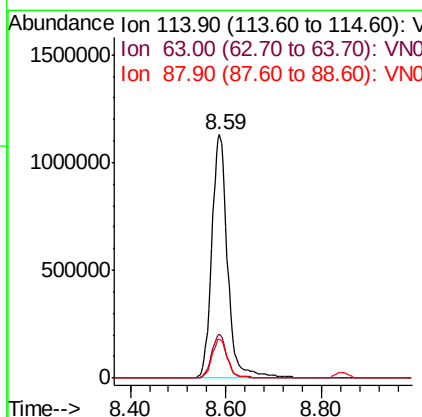
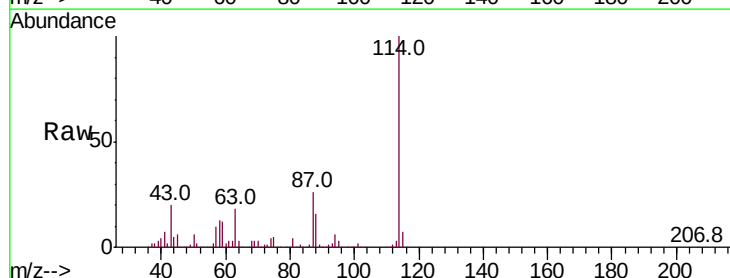
Instrument :
 MSVOA_N
 ClientSampleId :
 30276

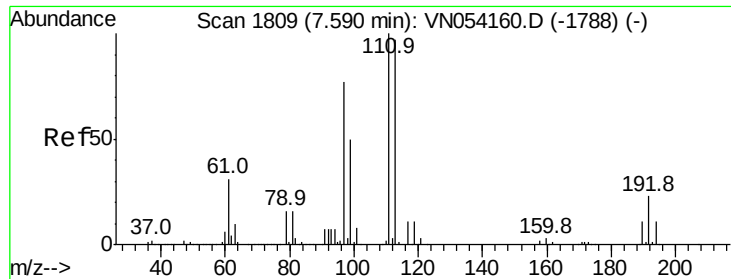
Tot Ion: 65 Resp: 851431
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054410.D
 Acq: 18 Mar 2019 23:33

Tgt Ion: 114 Resp: 2554793
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 16.2 0.0 30.2

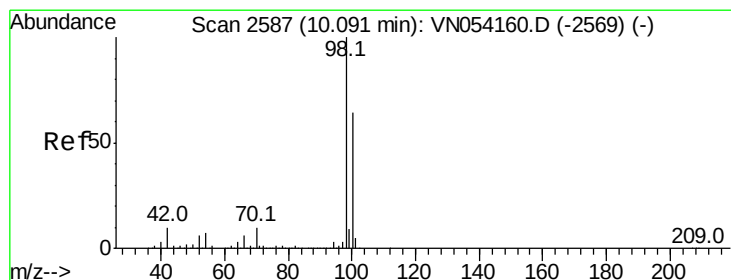
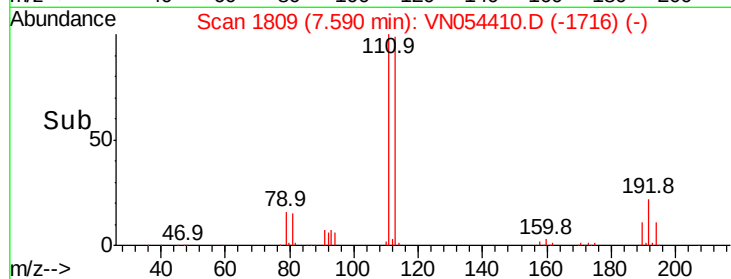
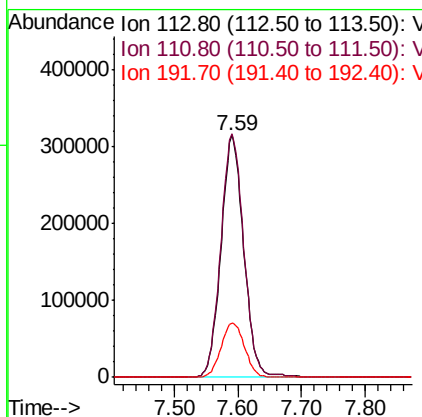
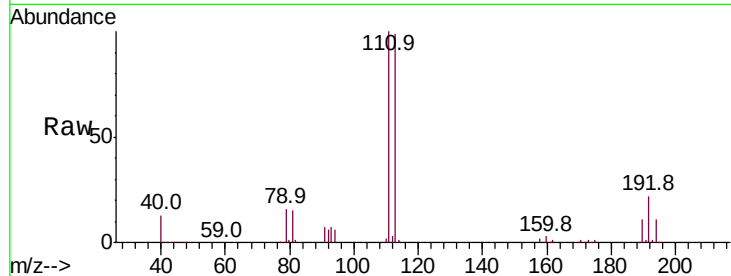




#35
 Dibromofluoromethane
 Concen: 47.328 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054410.D
 Acq: 18 Mar 2019 23:33

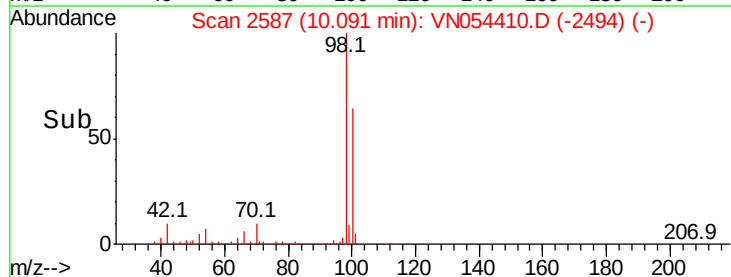
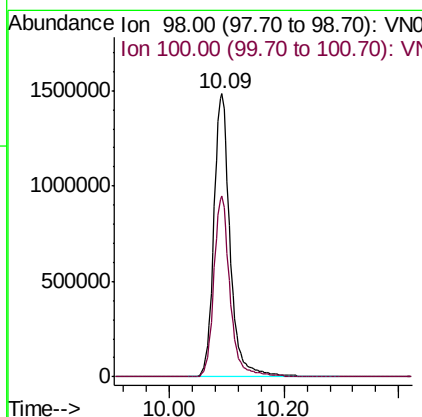
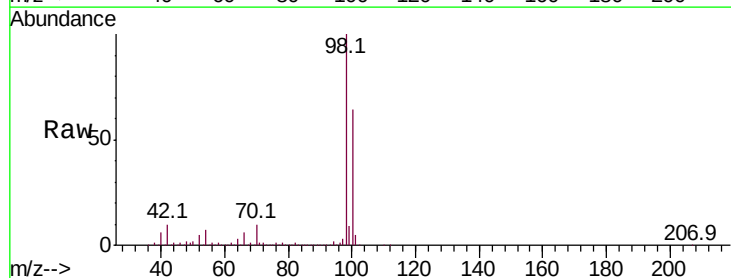
Instrument :
 MSVOA_N
 ClientSampled :
 30276

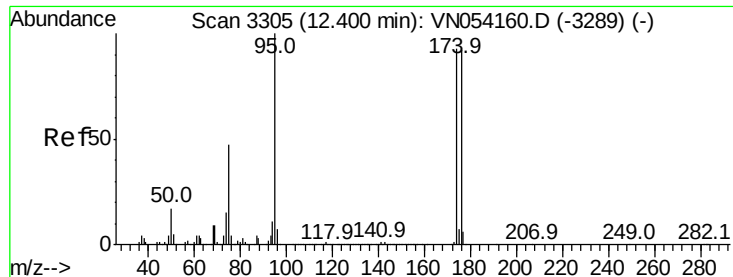
Tot Ion:113 Resp: 779836
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 23.4 19.2 28.8



#50
 Toluene-d8
 Concen: 48.114 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054410.D
 Acq: 18 Mar 2019 23:33

Tgt Ion: 98 Resp: 2927902
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 41.688 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

30276

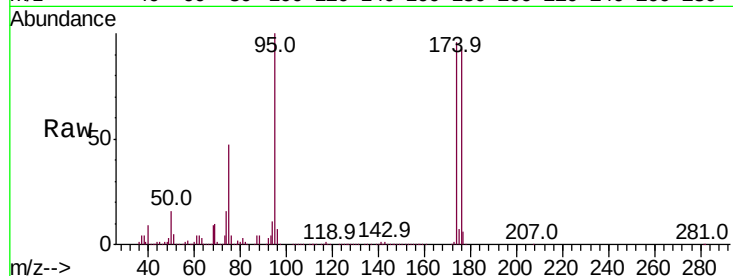
Tot Ion: 95 Resp: 887637

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

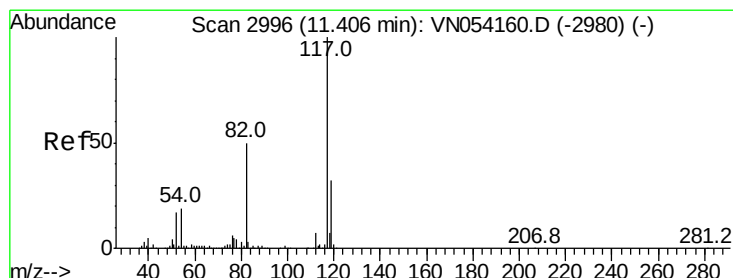
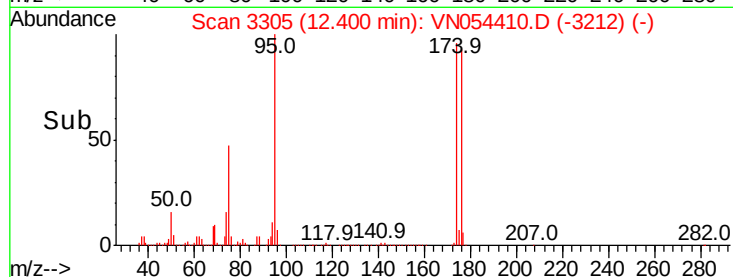
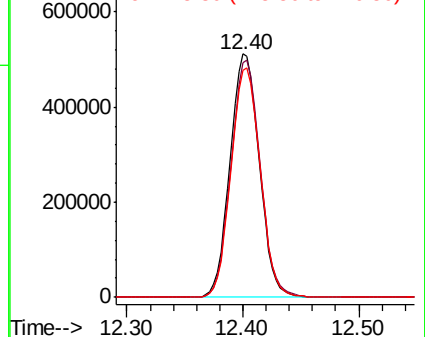
176 94.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

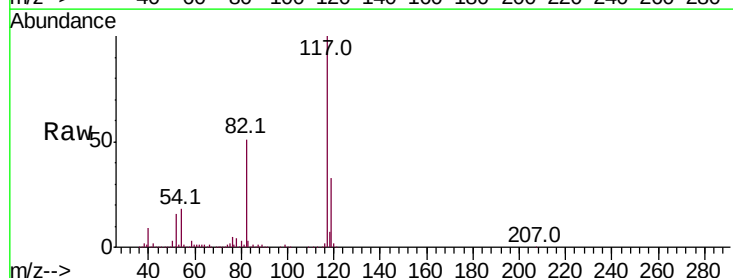
Tgt Ion: 117 Resp: 2134556

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

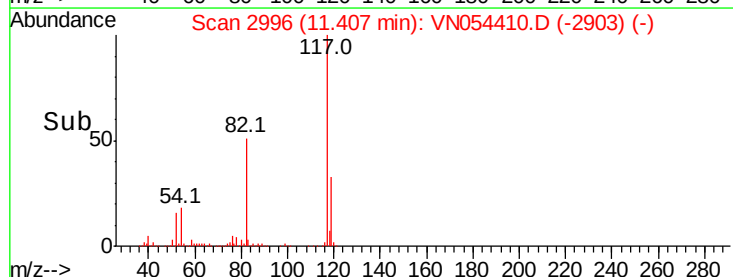
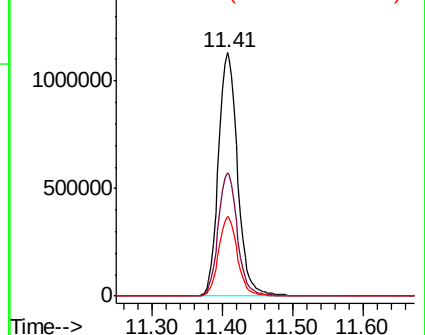
119 32.6 25.8 38.6

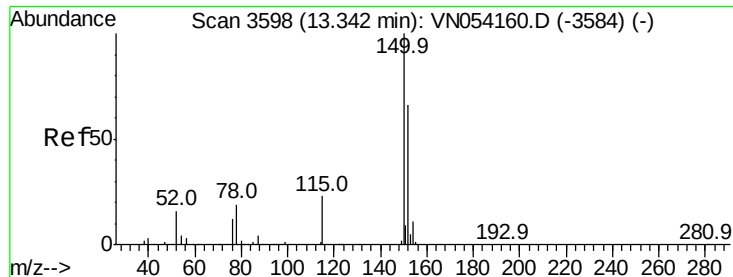


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampled :

30276

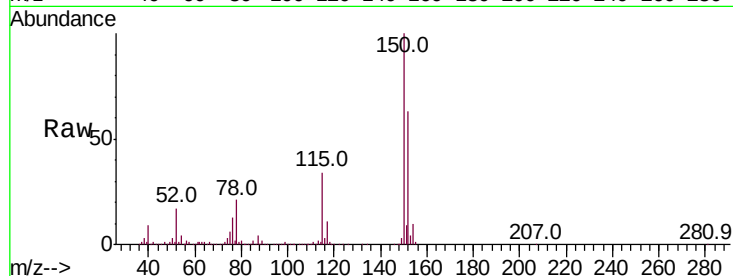
Tot Ion:152 Resp: 821487

Ion Ratio Lower Upper

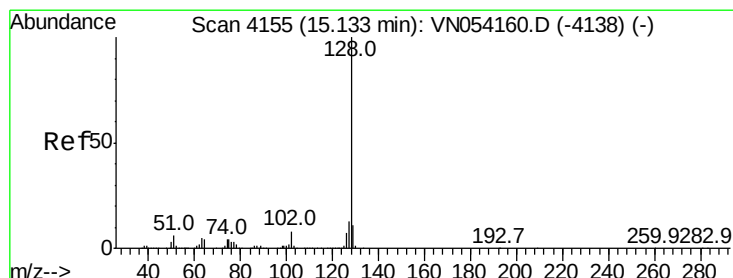
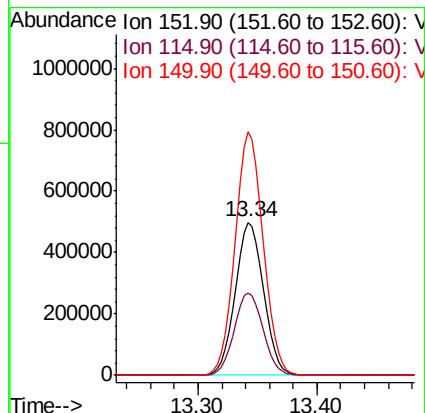
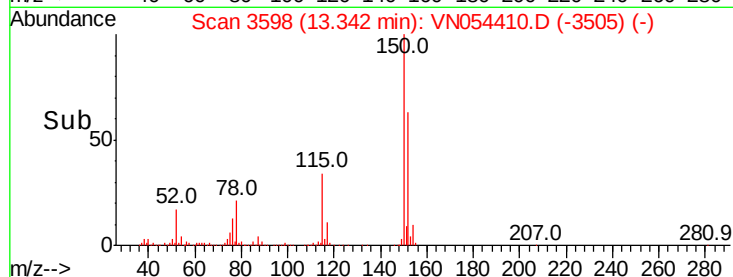
152 100

115 54.8 27.2 81.6

150 158.1 0.0 349.2



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



#95

Naphthalene

Concen: 15.649 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

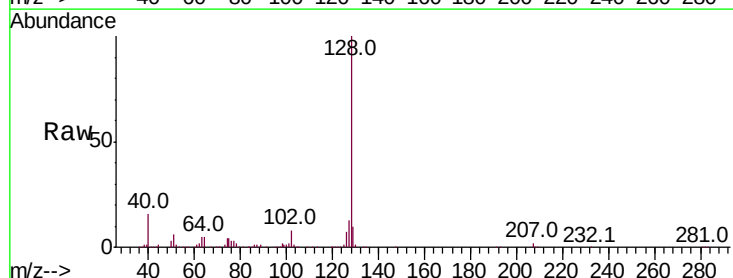
Tgt Ion:128 Resp: 471540

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.5 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

