

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054287.D
 Acq On : 15 Mar 2019 3:38
 Operator : JC/SP
 Sample : K1897-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 15 08:28:00 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

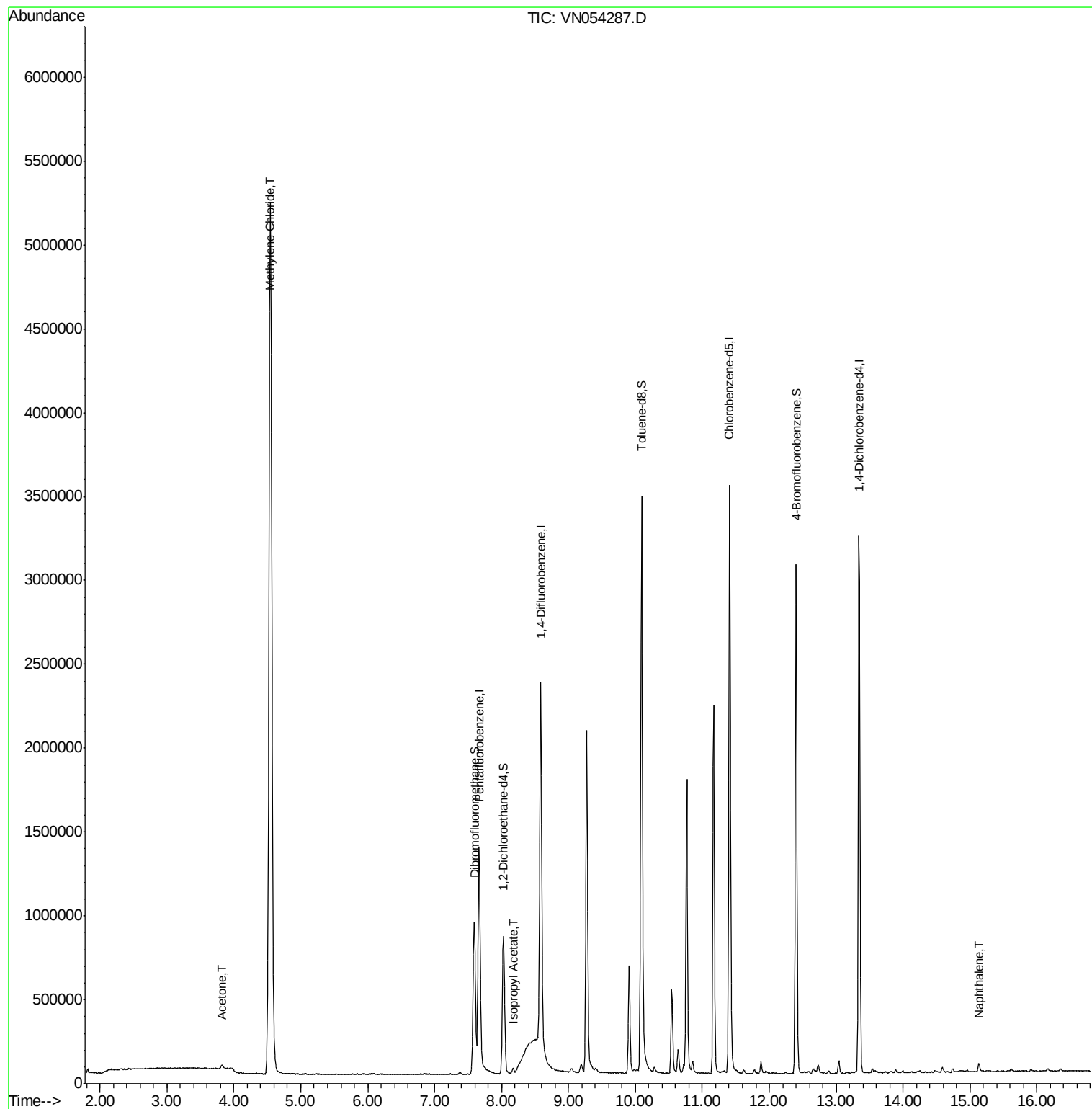
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2240541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2313984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	961528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	727323	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	7.59	113	686607	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	10.09	98	2748899	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	1028743	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
Target Compounds						
16) Acetone	3.82	43	35449	8.927	ug/l	96
20) Methylene Chloride	4.55	84	4160619	319.084	ug/l	98
43) Isopropyl Acetate	8.17	43	38927	1.871	ug/l	96
95) Naphthalene	15.13	128	46055	4.486	ug/l	98

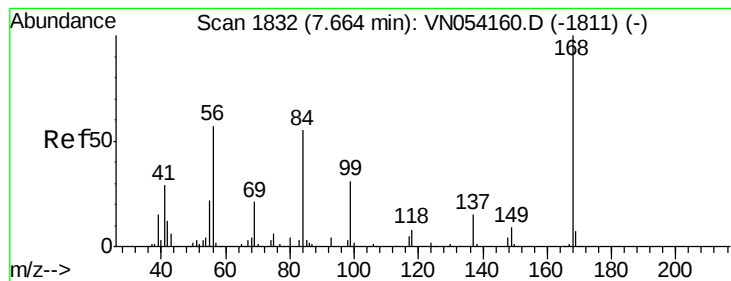
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

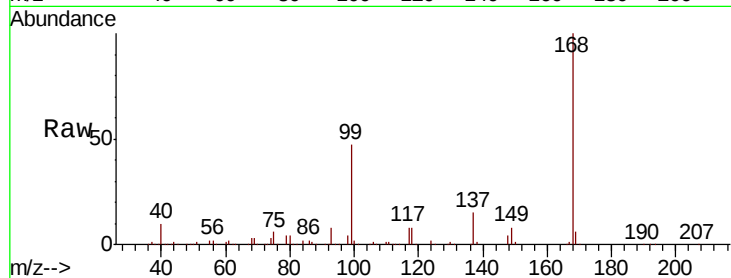
TP-1

Tgt Ion:168 Resp: 1305954

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054287.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054287.D (-1739) (-)

7.67

600000

500000

400000

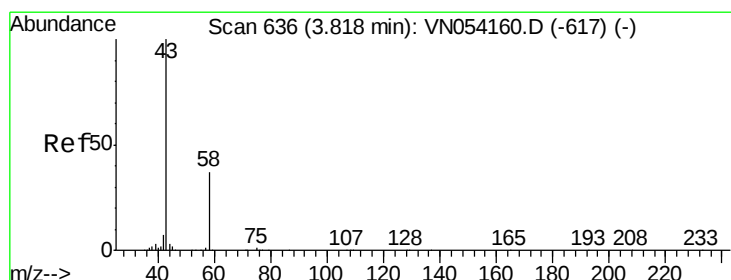
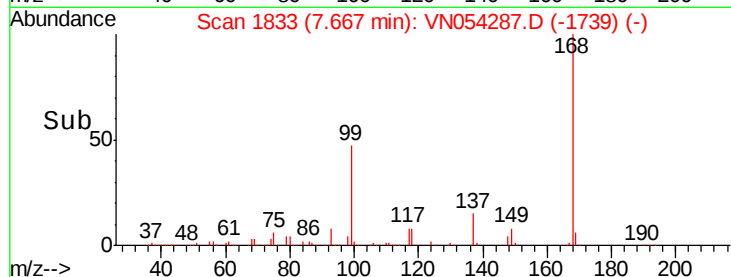
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.927 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054287.D

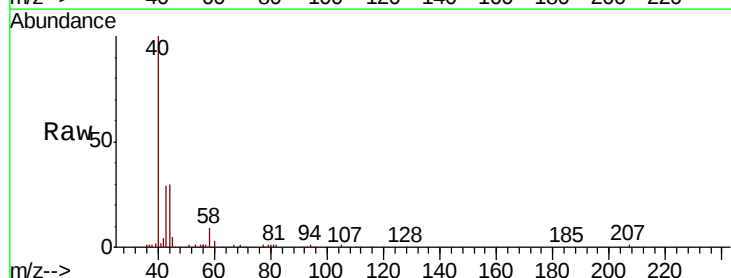
Acq: 15 Mar 2019 3:38

Tgt Ion: 43 Resp: 35449

Ion Ratio Lower Upper

43 100

58 35.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054287.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054287.D (-543) (-)

3.82

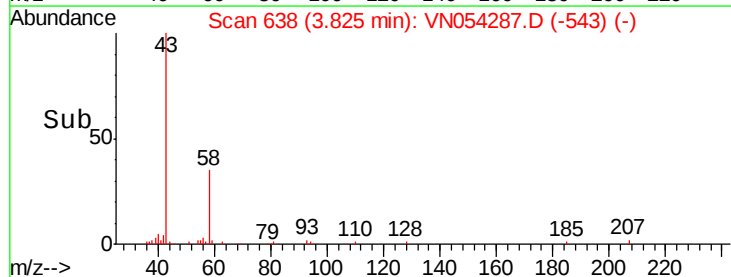
15000

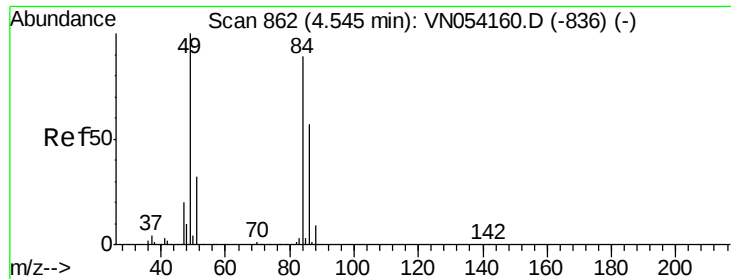
10000

5000

0

Time-->

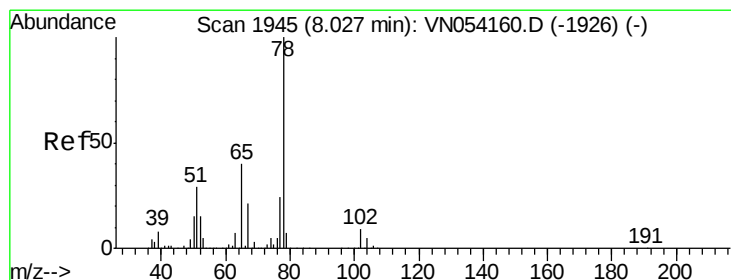
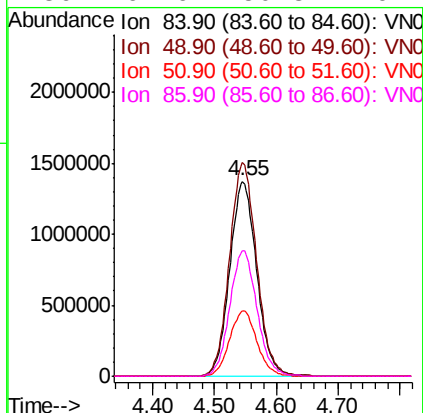
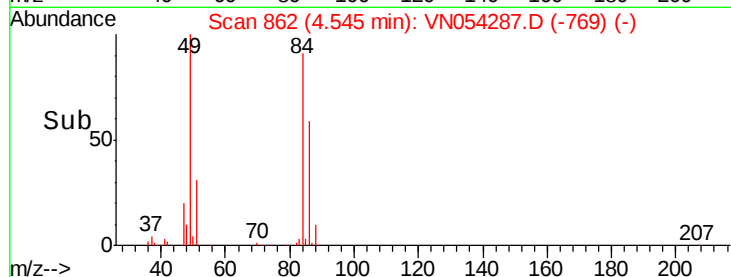
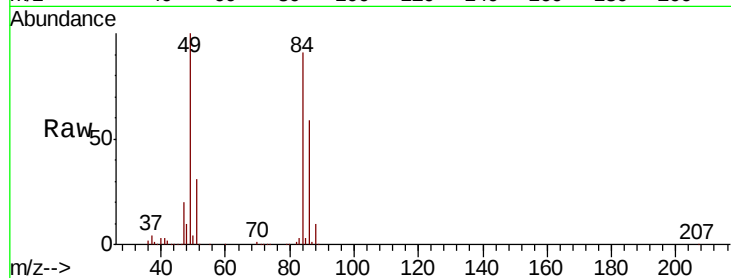




#20
Methylene Chloride
Concen: 319.084 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

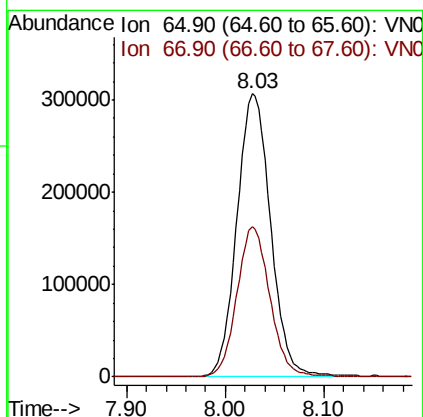
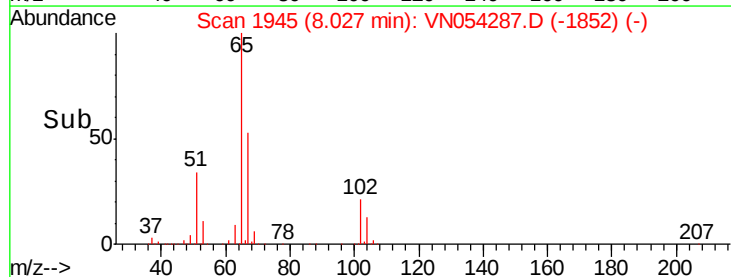
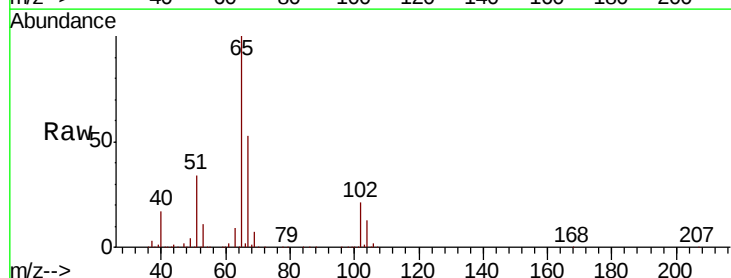
Instrument :
MSVOA_N
ClientSampled :
TP-1

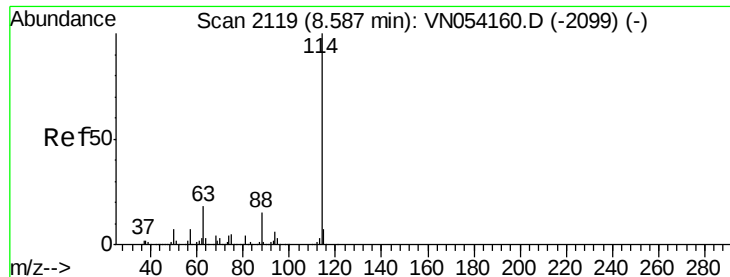
Tgt Ion: 84 Resp: 4160619
Ion Ratio Lower Upper
84 100
49 109.6 89.7 134.5
51 33.6 28.2 42.4
86 64.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054287.D
Acq: 15 Mar 2019 3:38

Tgt Ion: 65 Resp: 727323
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

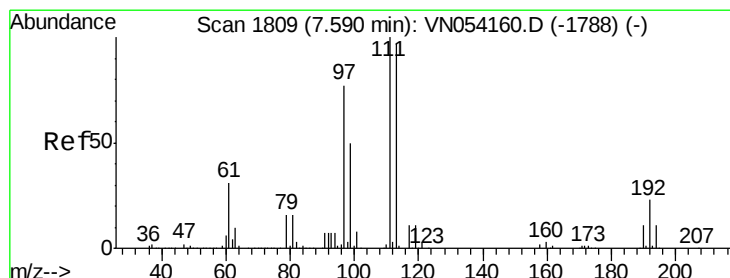
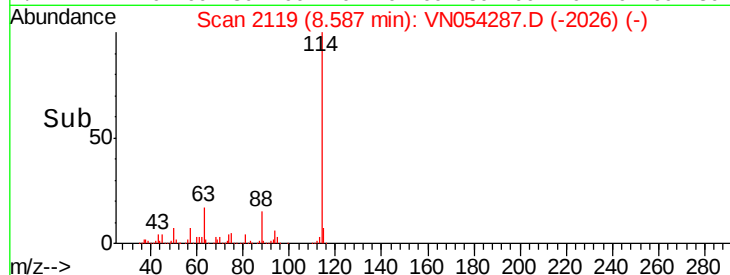
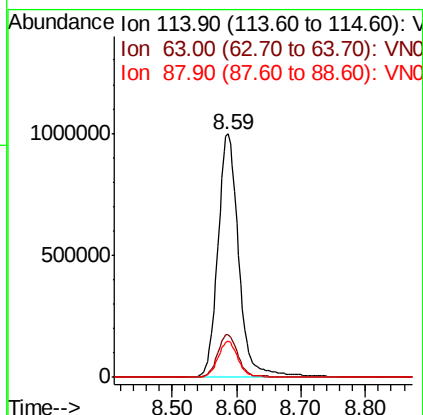
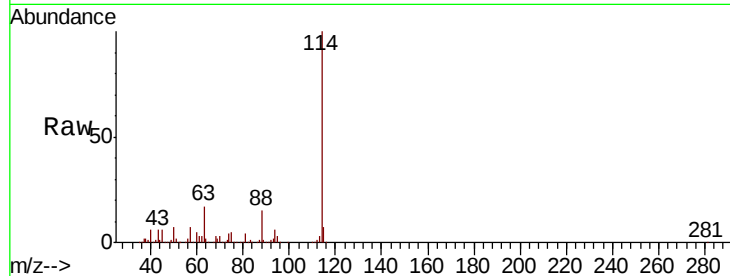




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

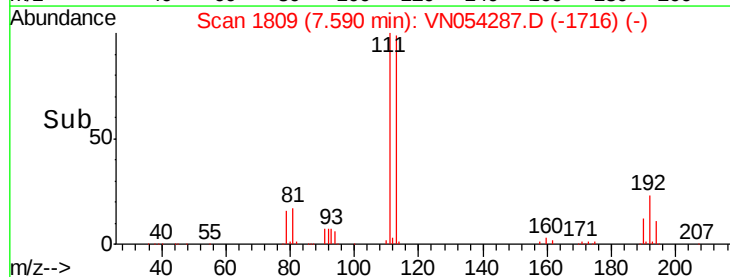
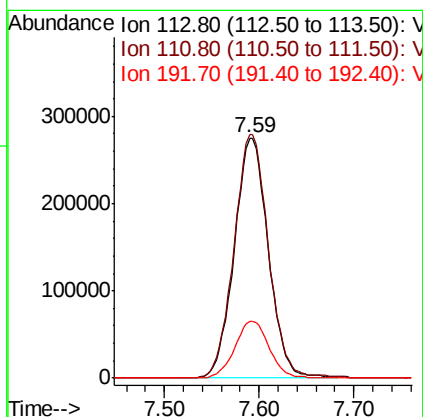
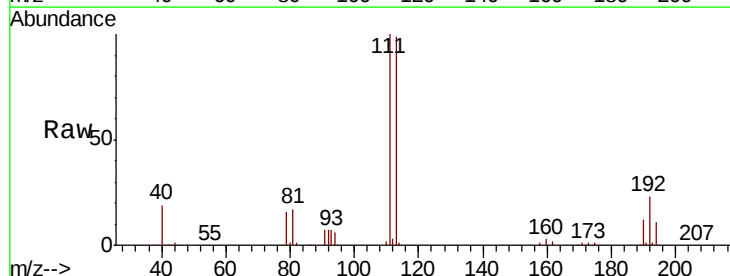
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

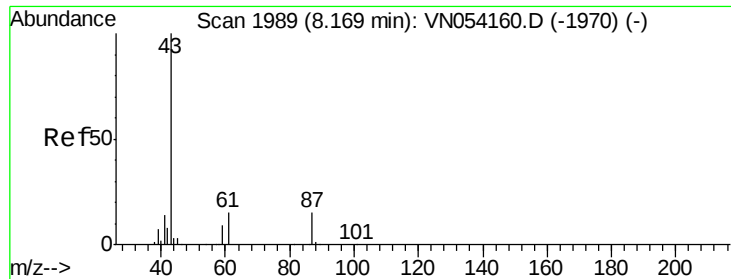
Tgt Ion:114 Resp: 2240541
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.8 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.514 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054287.D
 Acq: 15 Mar 2019 3:38

Tgt Ion:113 Resp: 686607
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 24.0 19.2 28.8





#43

Isopropyl Acetate

Concen: 1.871 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1

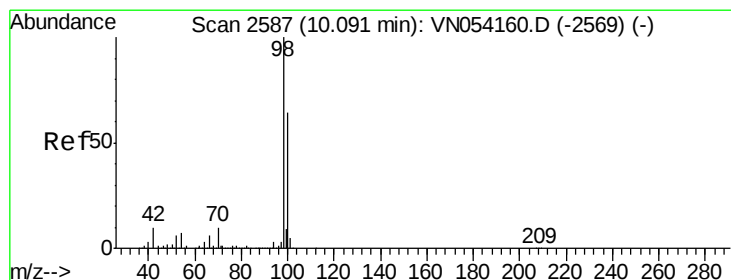
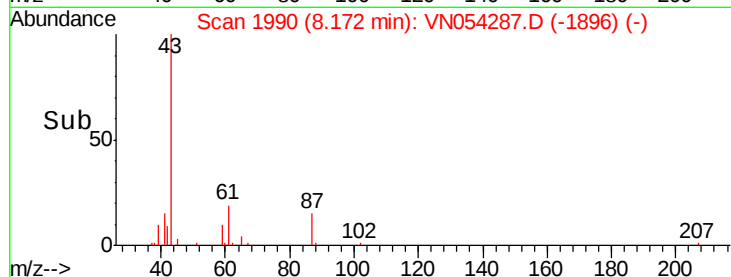
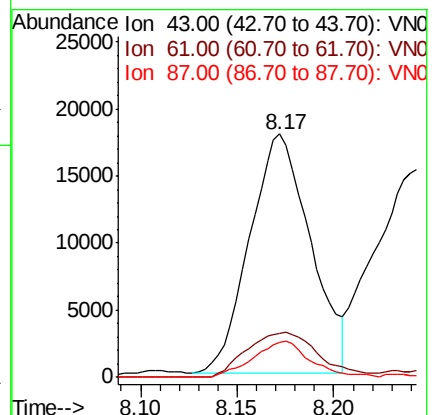
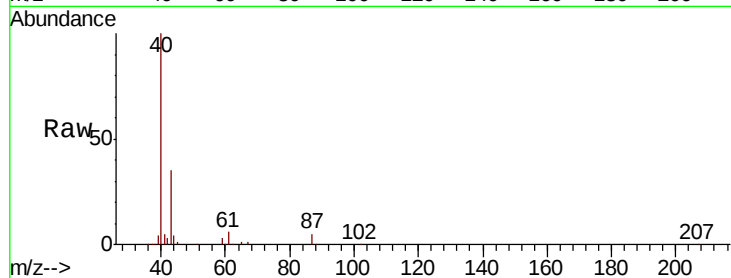
Tgt Ion: 43 Resp: 38927

Ion Ratio Lower Upper

43 100

61 22.1 15.8 23.8

87 14.0 12.0 18.0



#50

Toluene-d8

Concen: 51.508 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054287.D

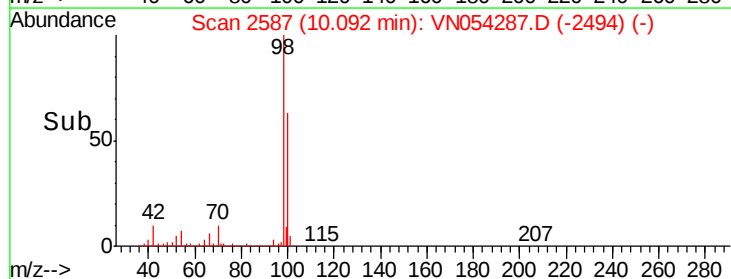
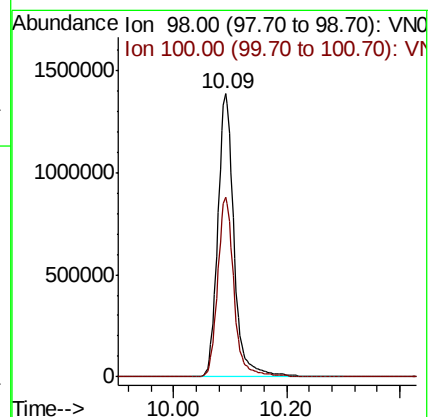
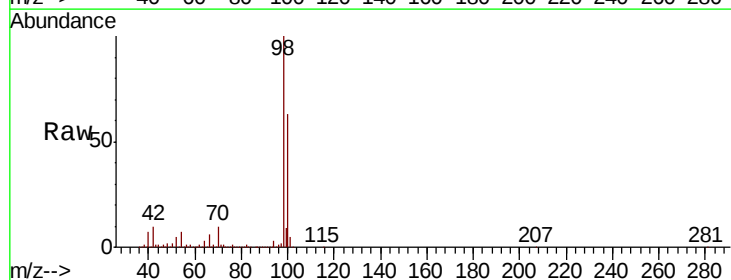
Acq: 15 Mar 2019 3:38

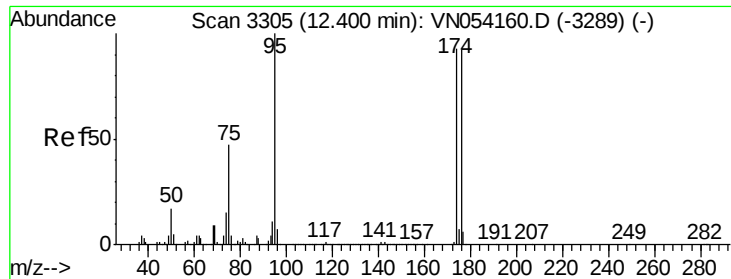
Tgt Ion: 98 Resp: 2748899

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 55.091 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampled :

TP-1

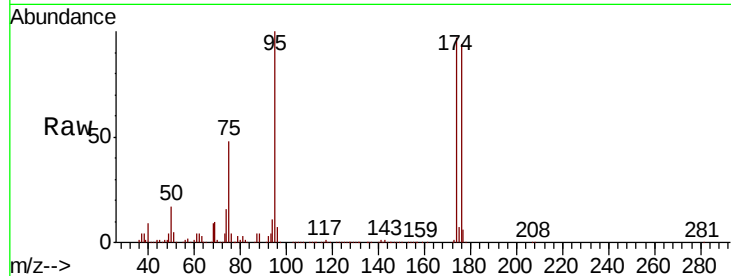
Tgt Ion: 95 Resp: 1028743

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

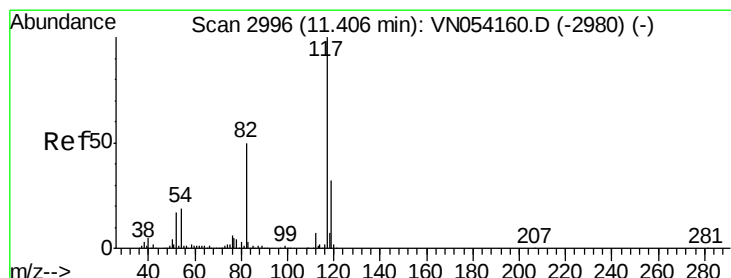
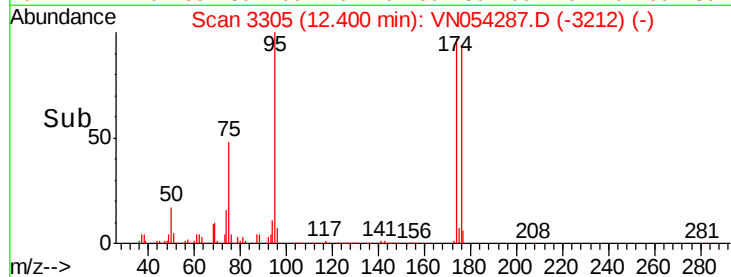
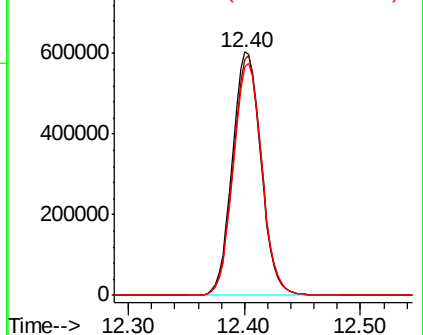
176 95.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054287.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054287.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054287.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

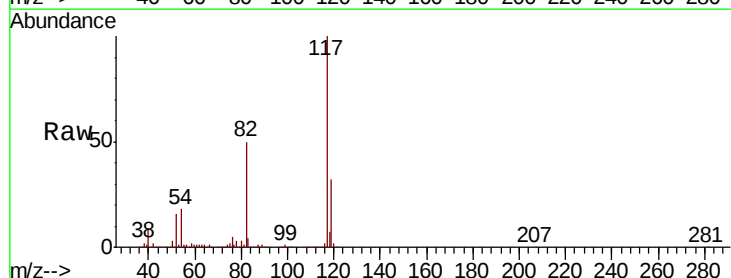
Tgt Ion: 117 Resp: 2313984

Ion Ratio Lower Upper

117 100

82 50.1 40.0 60.0

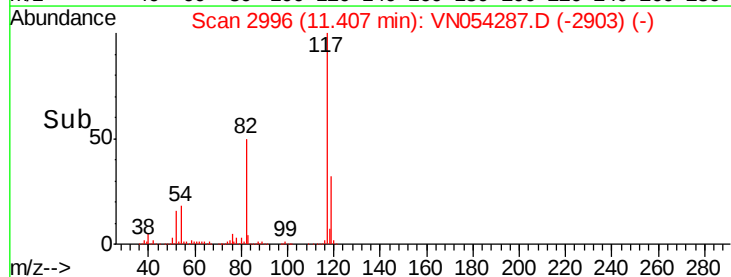
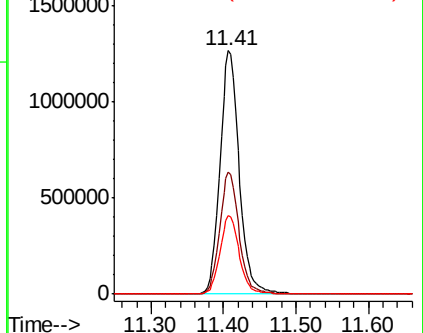
119 32.3 25.8 38.6

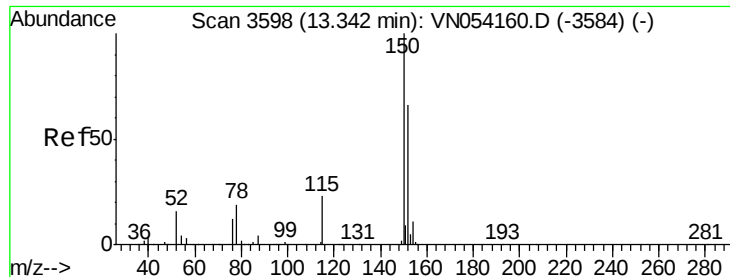


Abundance Ion 116.90 (116.60 to 117.60): VN054287.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054287.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054287.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1

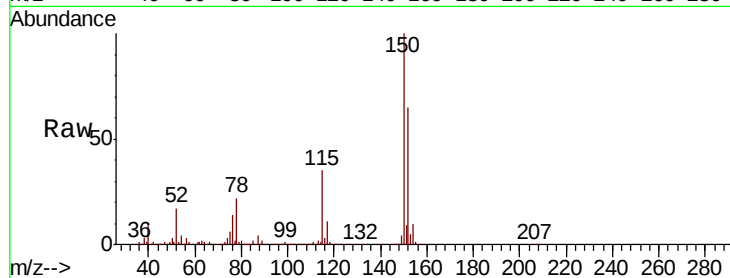
Tgt Ion:152 Resp: 961528

Ion Ratio Lower Upper

152 100

115 53.9 27.2 81.6

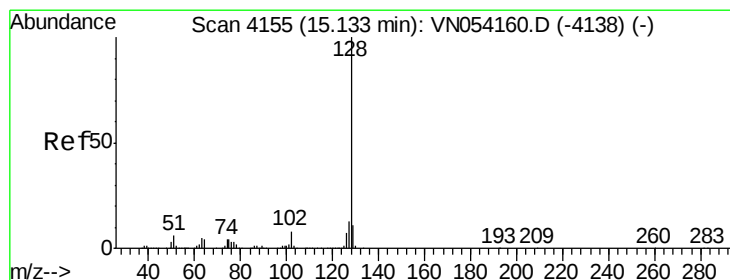
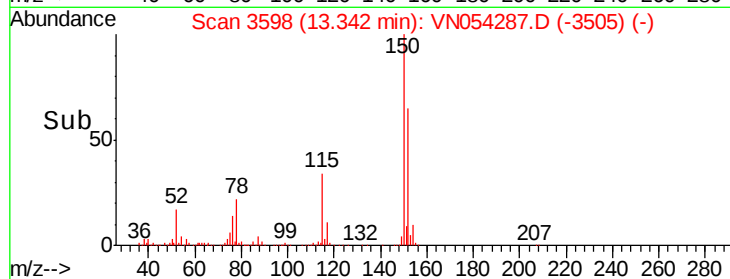
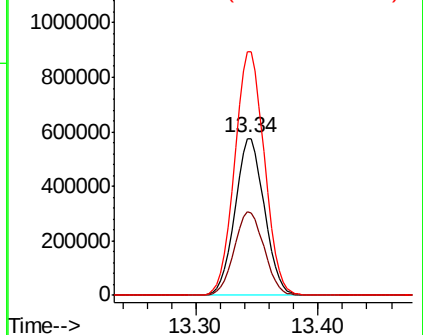
150 156.7 0.0 349.2



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: 4.486 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054287.D

Acq: 15 Mar 2019 3:38

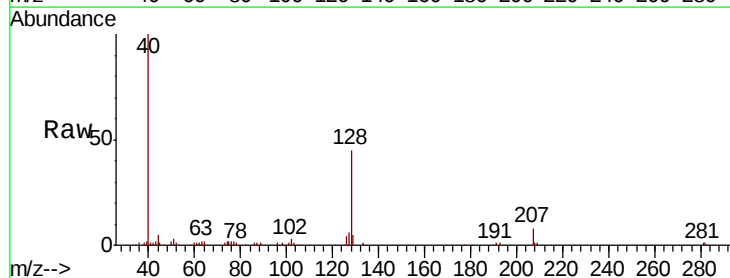
Tgt Ion:128 Resp: 46055

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.8 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

