

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053642.D
 Acq On : 6 Feb 2019 18:30
 Operator : JC/SP
 Sample : K1358-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-020519

Quant Time: Feb 07 05:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

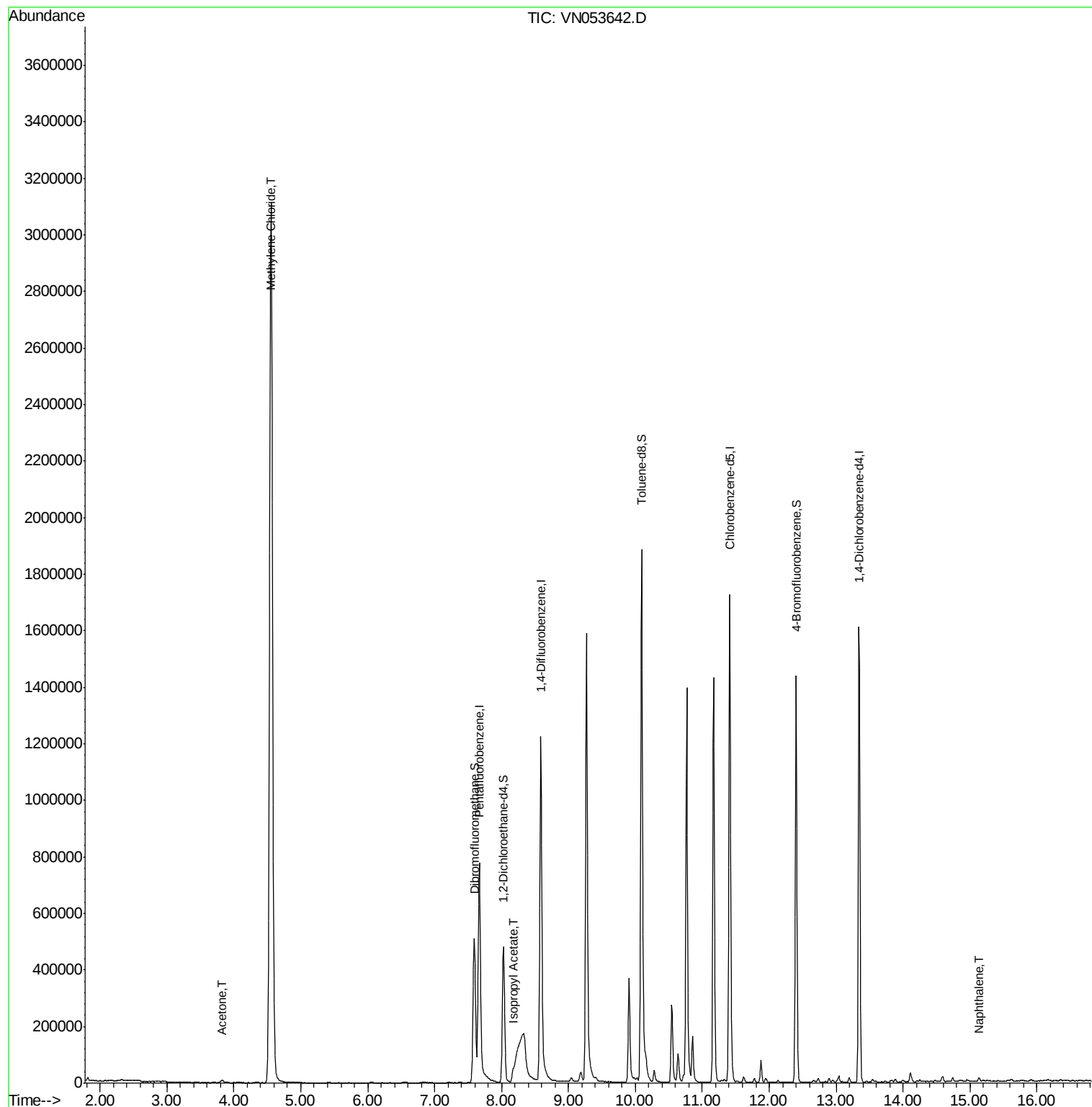
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	798424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1293823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1147369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	470414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406606	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.59	113	399877	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.09	98	1543566	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	501832	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	3.82	43	17881	8.703	ug/l	96
20) Methylene Chloride	4.55	84	2512212	291.456	ug/l	98
43) Isopropyl Acetate	8.17	43	40194	3.195	ug/l #	82
95) Naphthalene	15.13	128	11152	2.257	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: VN053642.D

Acq: 6 Feb 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

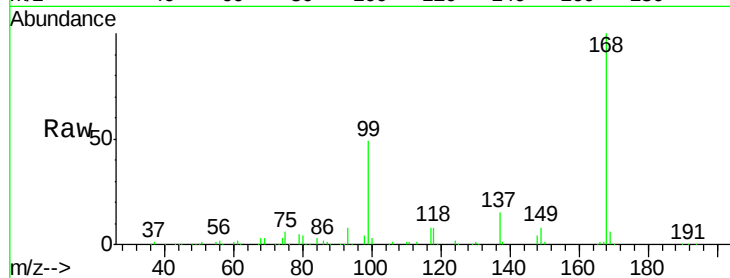
TR-05-020519

Tot Ion:168 Resp: 798424

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

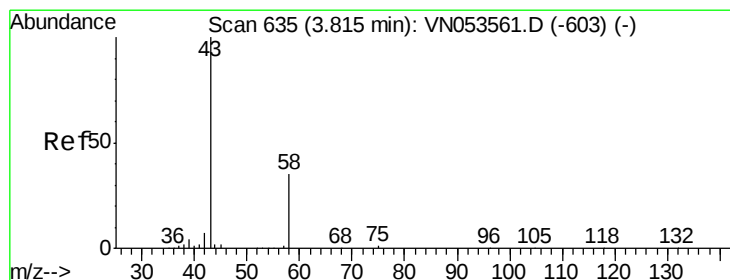
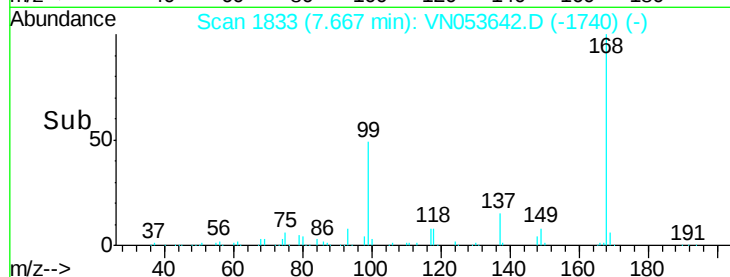
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.703 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053642.D

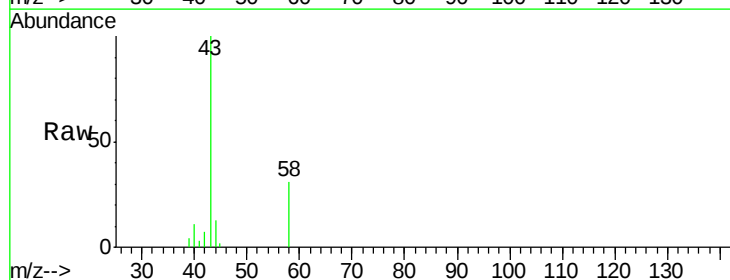
Acq: 6 Feb 2019 18:30

Tgt Ion: 43 Resp: 17881

Ion Ratio Lower Upper

43 100

58 31.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

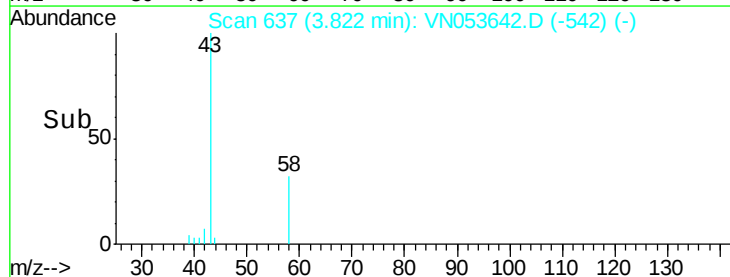
6000

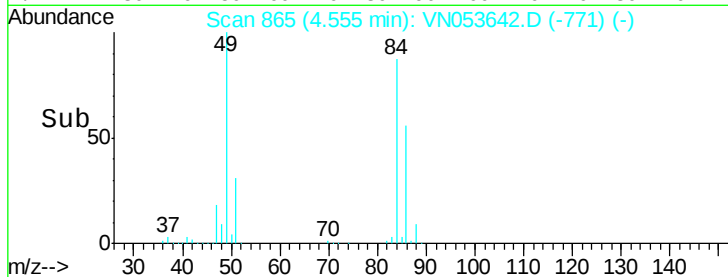
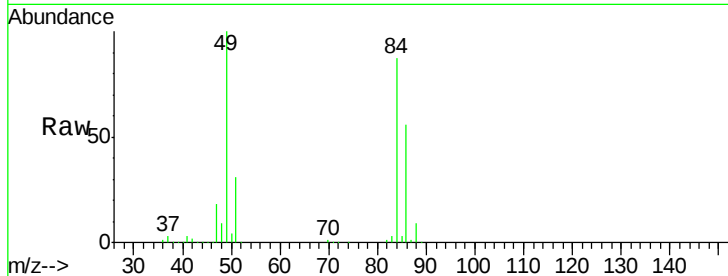
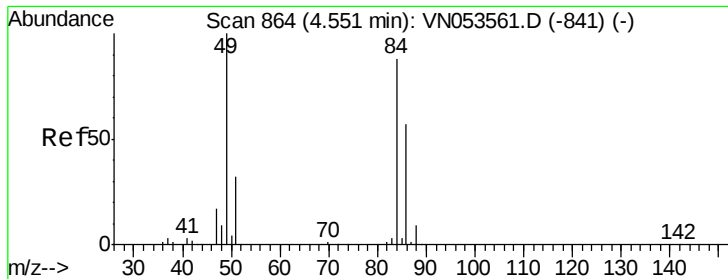
4000

2000

0

Time--> 3.70 3.80 3.90



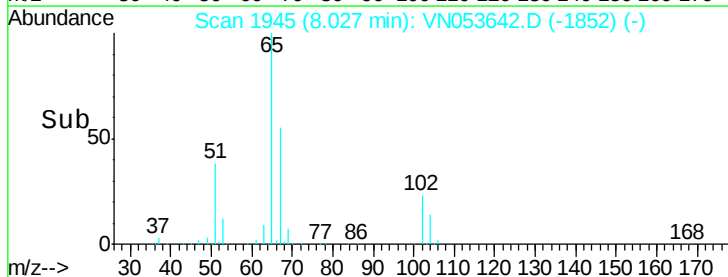
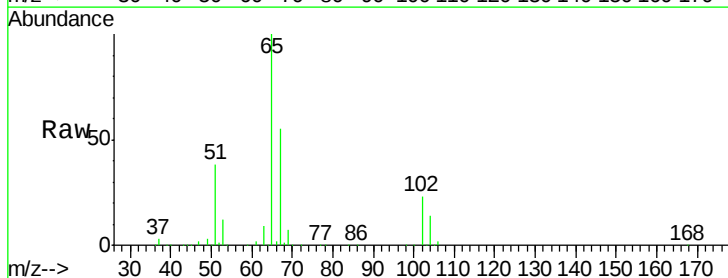
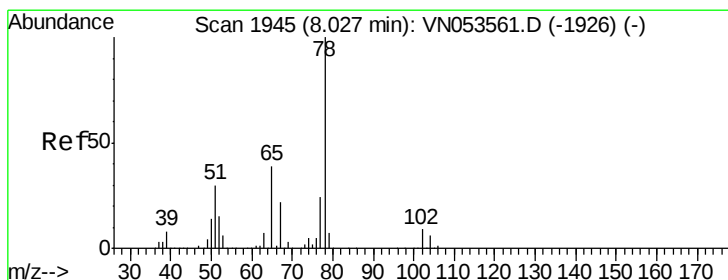
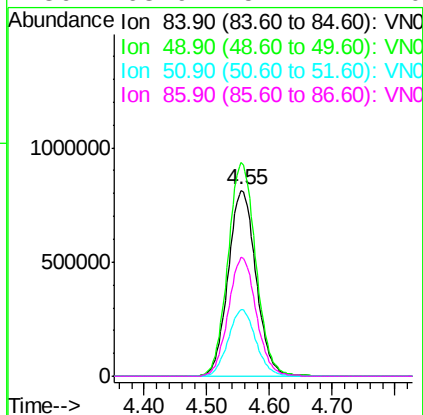


#20
Methvlene Chloride
Concen: 291.456 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053642.D
Acq: 6 Feb 2019 18:30

Instrument :
MSVOA_N
ClientSampled :
TR-05-020519

Tot Ion: 84 Resp: 2512212

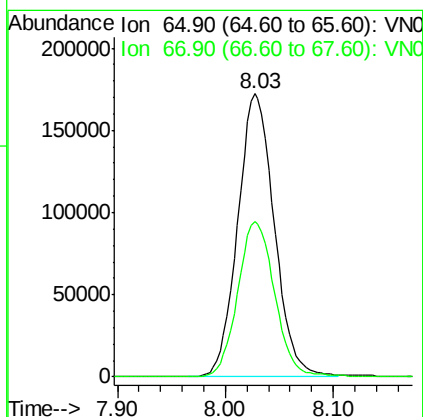
Ion	Ratio	Lower	Upper
84	100		
49	115.0	94.3	141.5
51	35.8	29.4	44.2
86	63.9	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053642.D
Acq: 6 Feb 2019 18:30

Tgt Ion: 65 Resp: 406606

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2

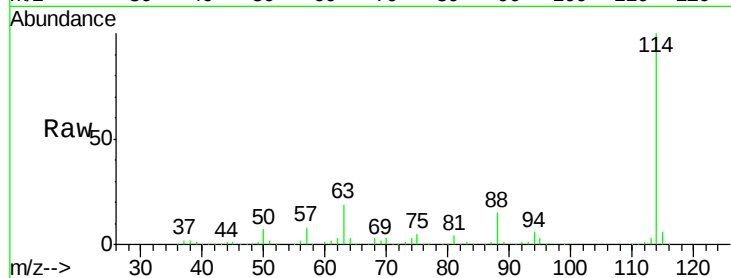




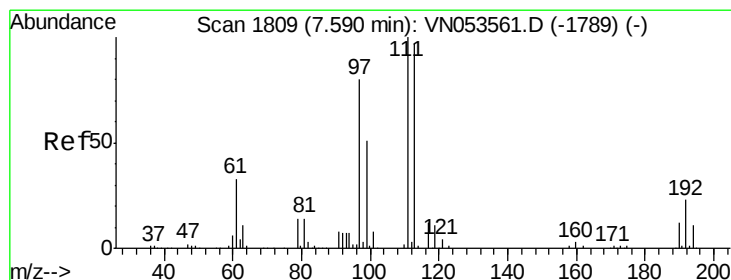
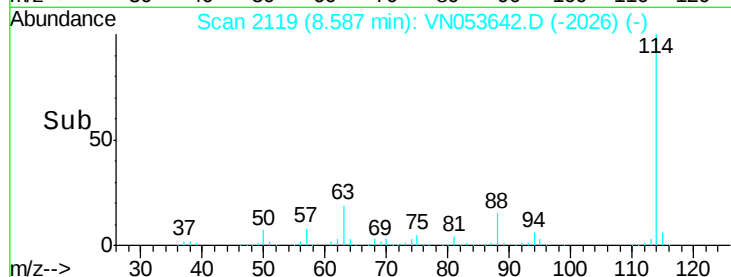
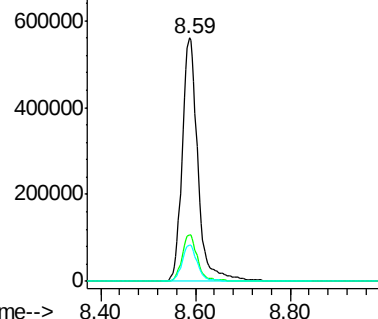
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053642.D
Acq: 6 Feb 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :
TR-05-020519

Tot Ion:114 Resp: 1293823
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.0 0.0 30.4

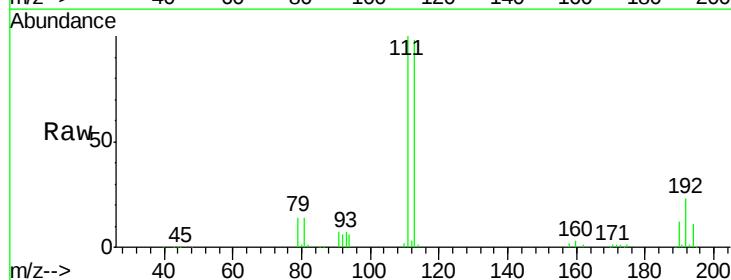


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

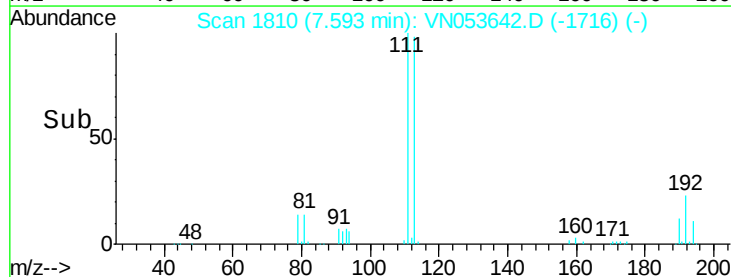
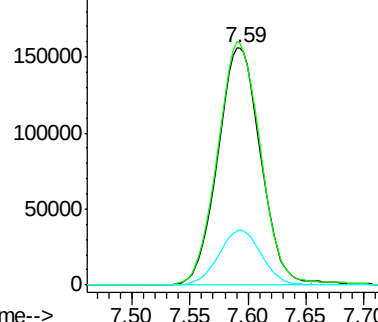


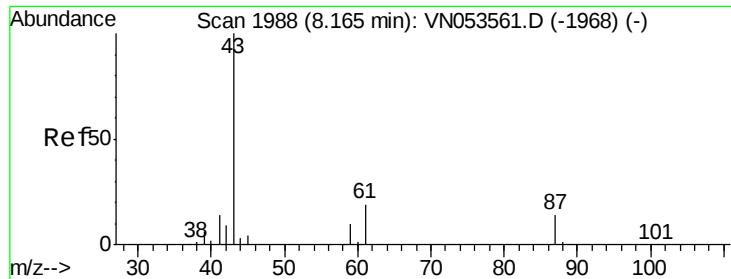
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053642.D
Acq: 6 Feb 2019 18:30

Tgt Ion:113 Resp: 399877
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 23.3 18.2 27.2



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: 3.195 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053642.D

Acq: 6 Feb 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

TR-05-020519

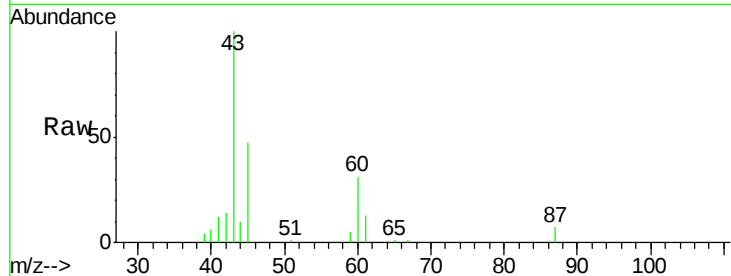
Tot Ion: 43 Resp: 40194

Ion Ratio Lower Upper

43 100

61 17.7 23.9 35.9#

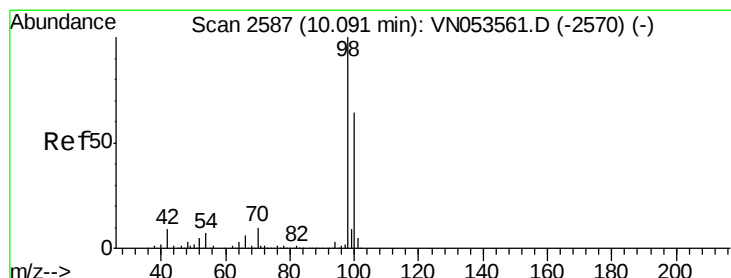
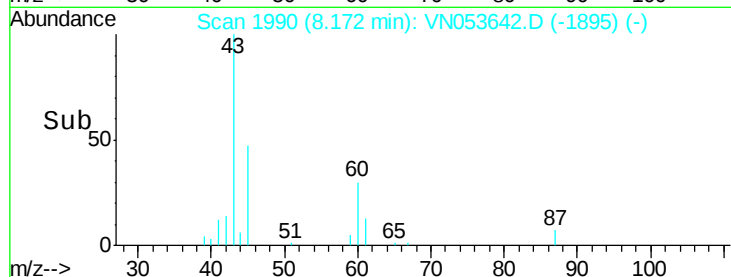
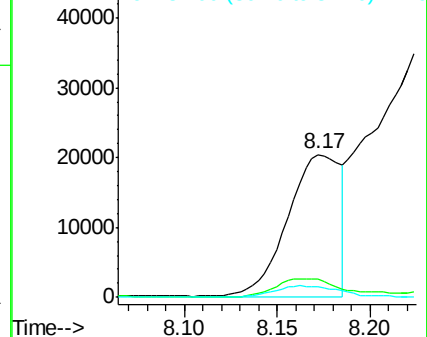
87 9.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053642.D

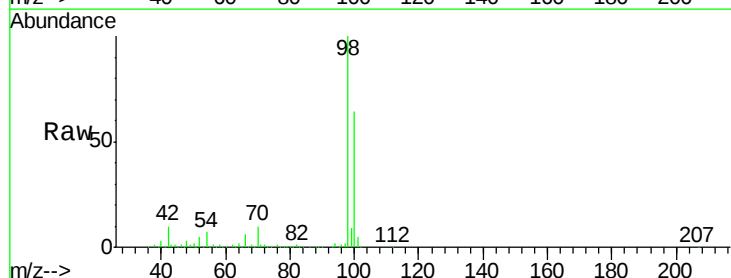
Acq: 6 Feb 2019 18:30

Tgt Ion: 98 Resp: 1543566

Ion Ratio Lower Upper

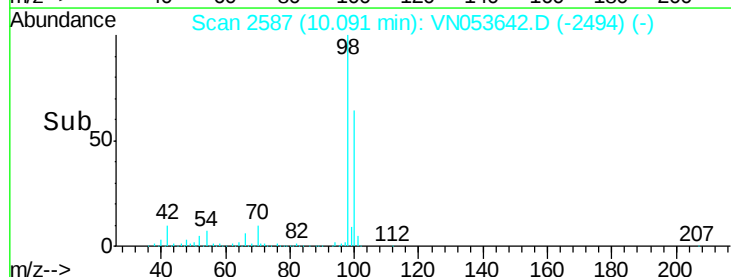
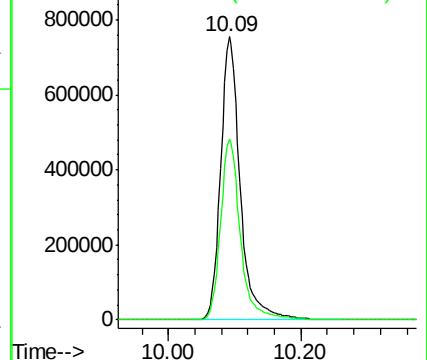
98 100

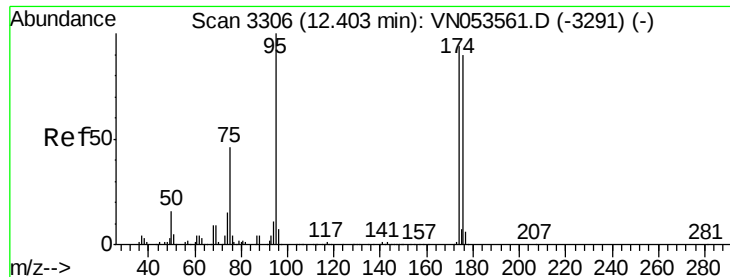
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053642.D

Acq: 6 Feb 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

TR-05-020519

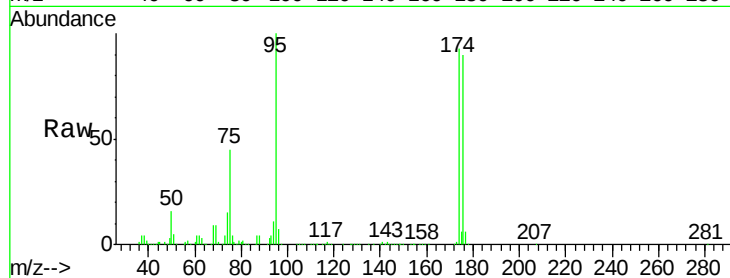
Tot Ion: 95 Resp: 501832

Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.2

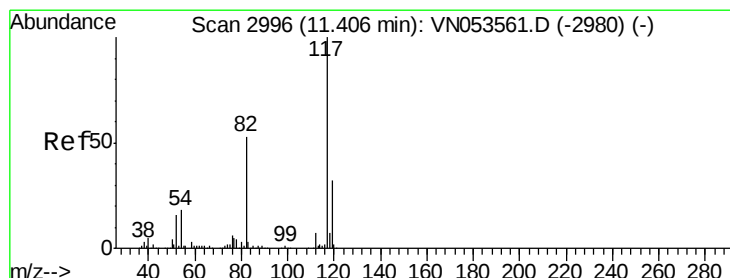
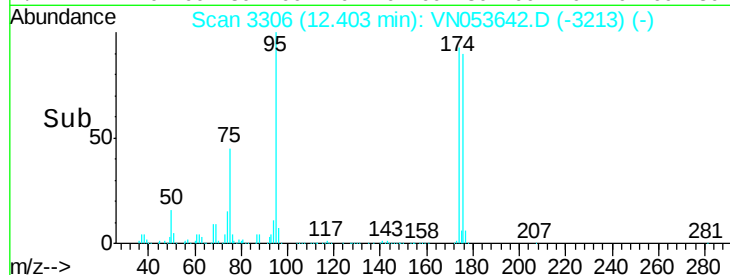
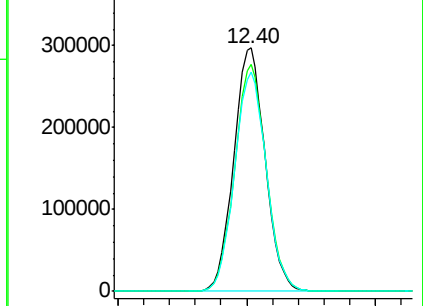
176 91.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053642.D

Acq: 6 Feb 2019 18:30

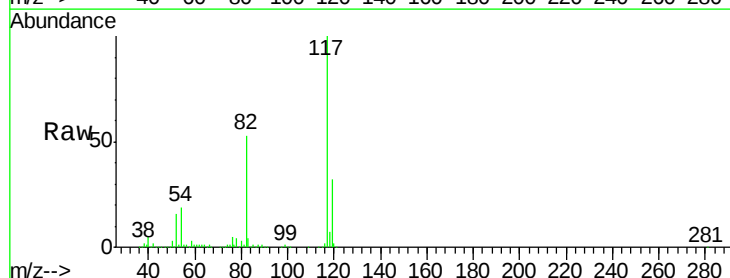
Tgt Ion: 117 Resp: 1147369

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

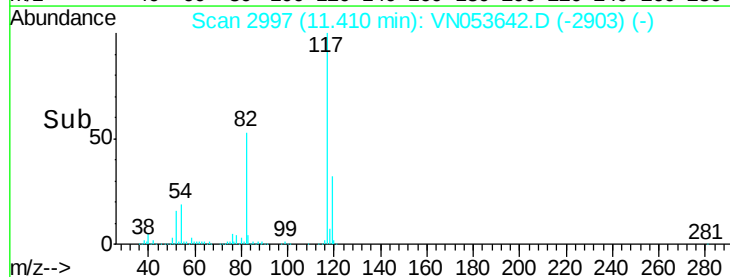
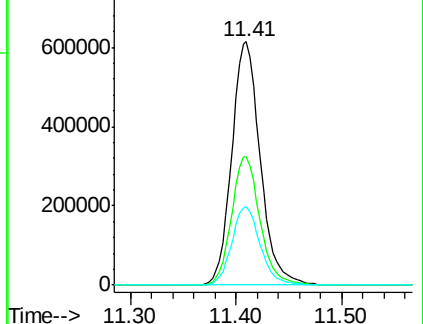
119 32.1 26.0 39.0

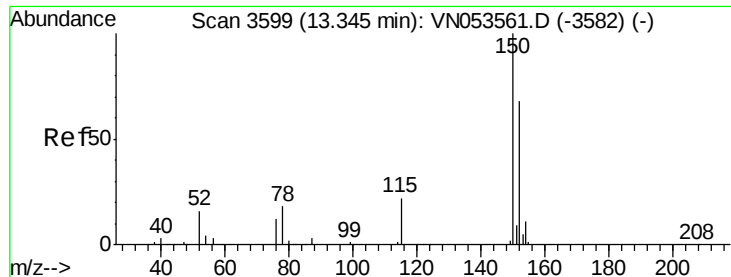


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053642.D

Acq: 6 Feb 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

TR-05-020519

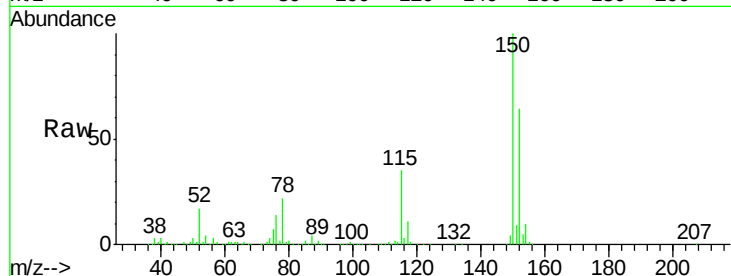
Tot Ion:152 Resp: 470414

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

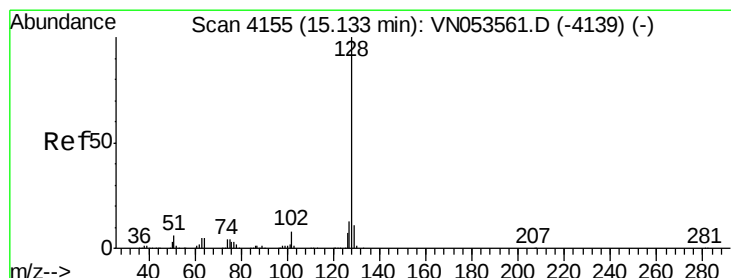
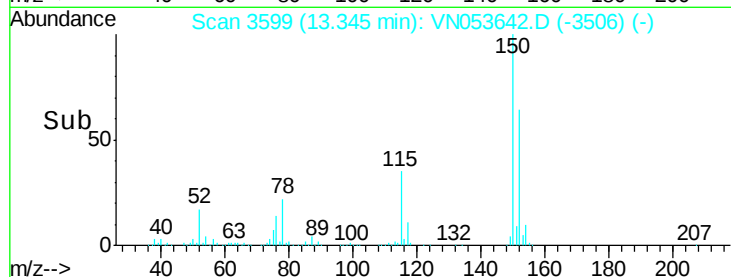
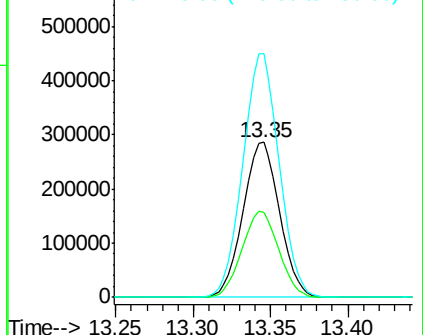
150 156.4 0.0 349.0



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: 2.257 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053642.D

Acq: 6 Feb 2019 18:30

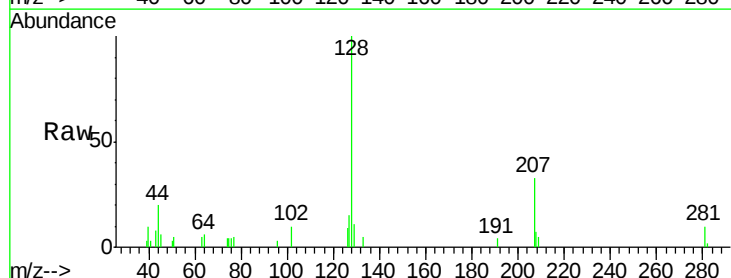
Tgt Ion:128 Resp: 11152

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 11.3 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

