

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052483.D
 Acq On : 27 Nov 2018 17:13
 Operator : MD\SY
 Sample : PB115074TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115074TB

Quant Time: Nov 28 06:47:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1277956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1951130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1661998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588012	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	663350	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	7.59	113	597970	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.09	98	2382015	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	712908	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	

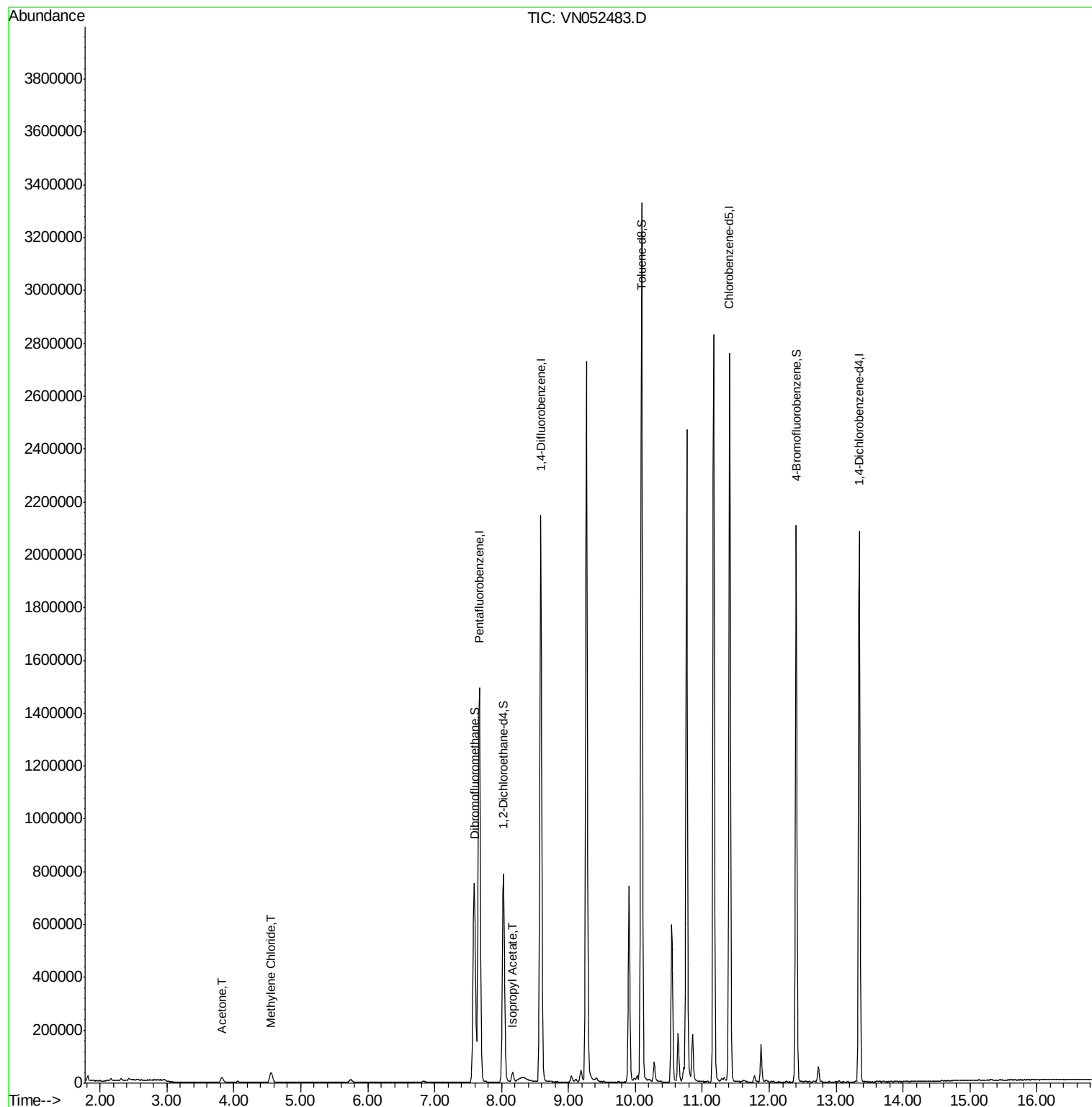
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	32662	8.90	ug/l	96
20) Methylene Chloride	4.56	84	27975	1.95	ug/l	89
43) Isopropyl Acetate	8.17	43	45988	2.42	ug/l #	87

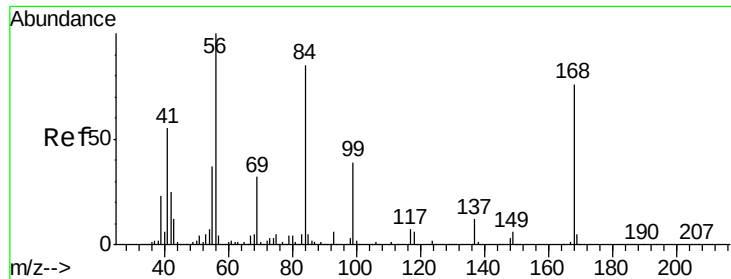
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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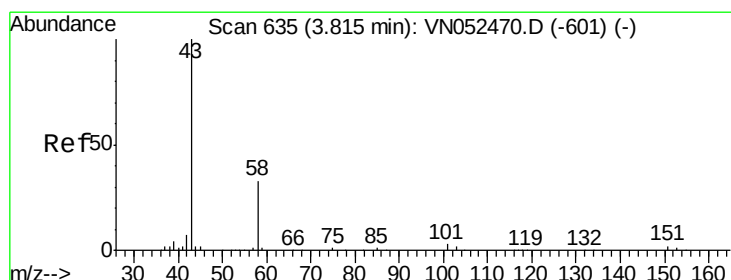
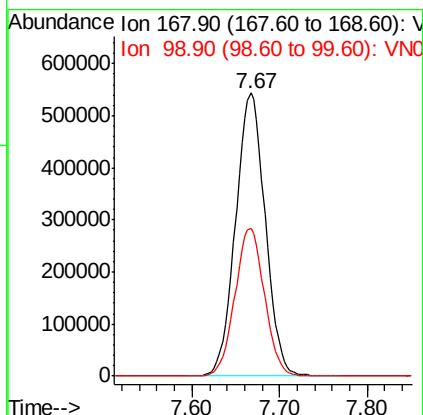
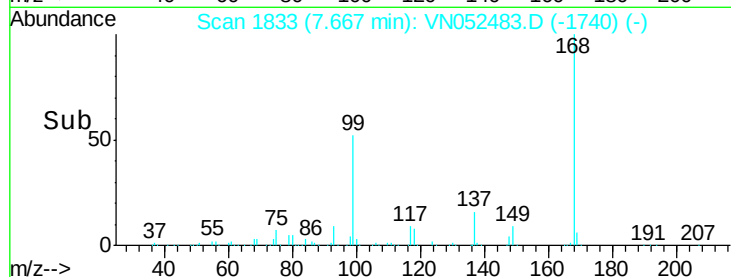
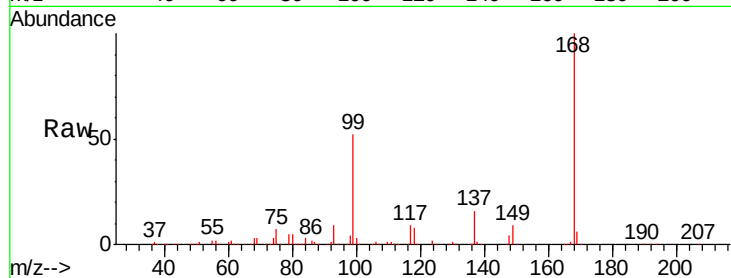


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052483.D
Acq: 27 Nov 2018 17:13

Instrument :
MSVOA_N
ClientSampleId :
PB115074TB

Tgt Ion:168 Resp: 1277956

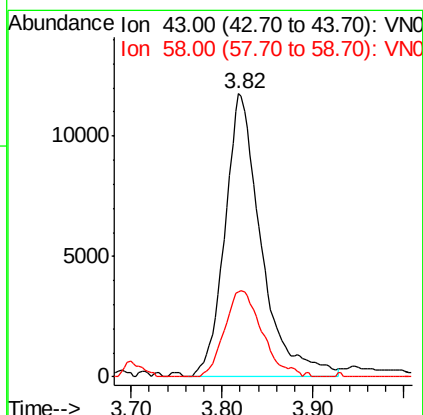
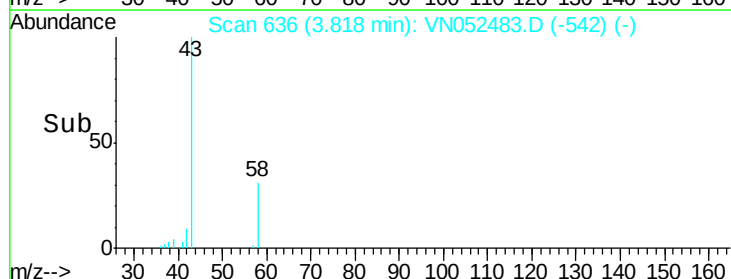
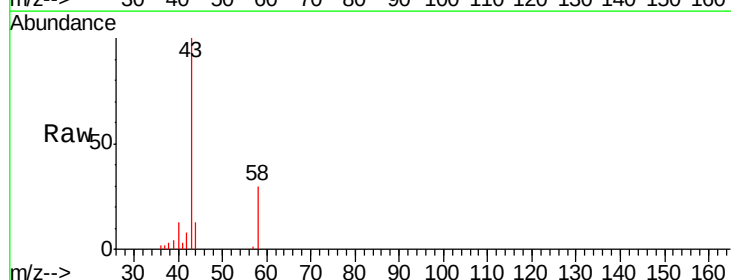
Ion	Ratio	Lower	Upper
168	100		
99	52.3	41.7	62.5

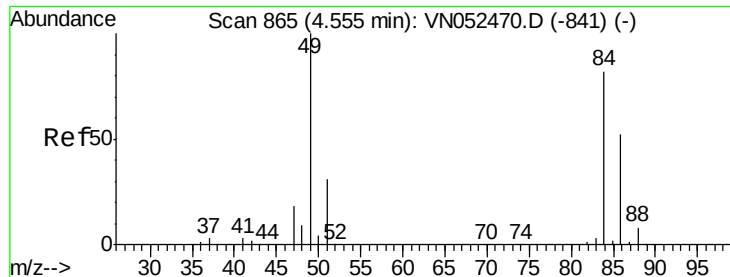


#16
Acetone
Concen: 8.90 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052483.D
Acq: 27 Nov 2018 17:13

Tgt Ion: 43 Resp: 32662

Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.0	39.0

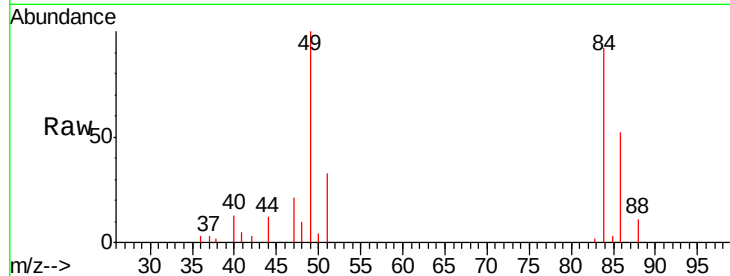




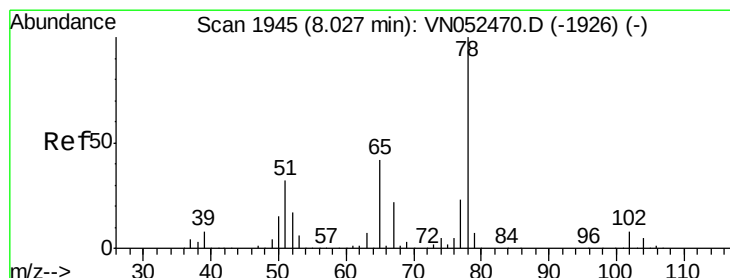
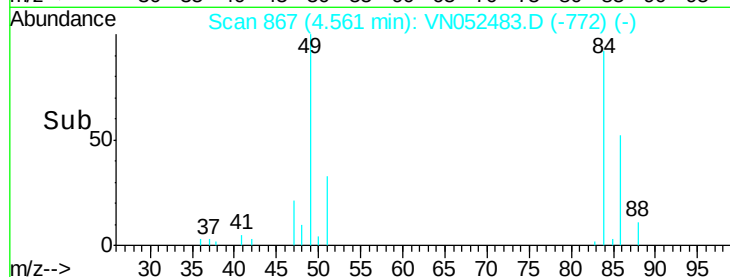
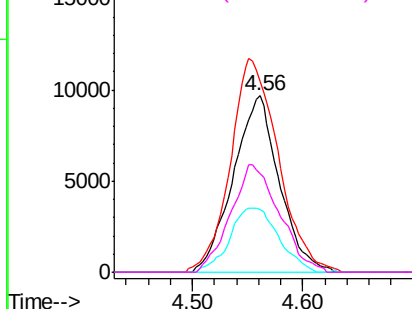
#20
Methylene Chloride
Concen: 1.95 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052483.D
Acq: 27 Nov 2018 17:13

Instrument :
MSVOA_N
ClientSampled :
PB115074TB

Tgt Ion: 84 Resp: 27975
Ion Ratio Lower Upper
84 100
49 106.5 98.0 147.0
51 36.0 30.1 45.1
86 56.0 50.7 76.1

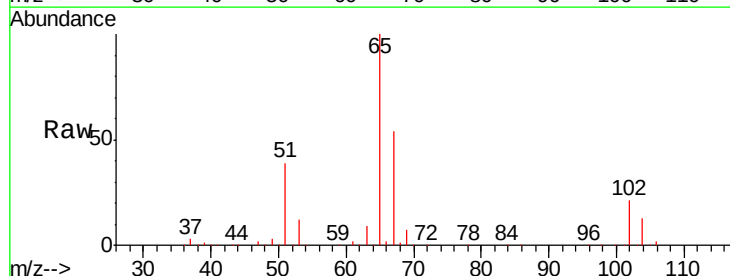


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

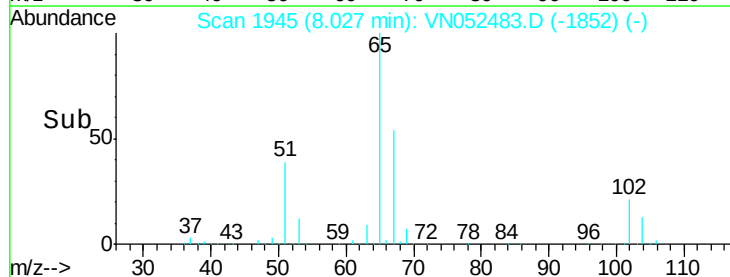
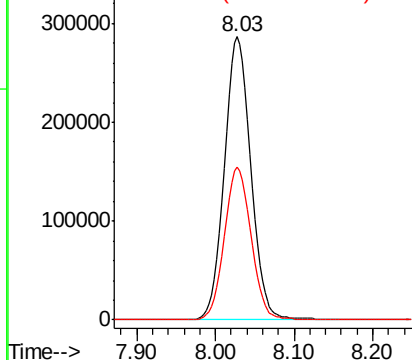


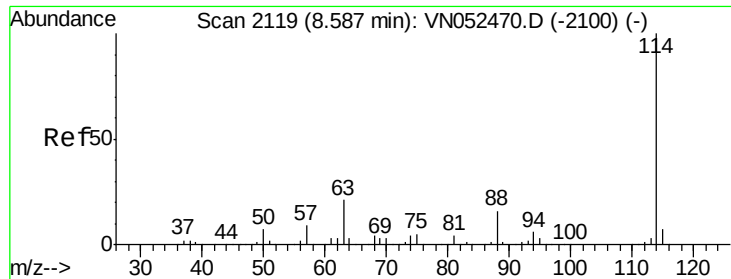
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052483.D
Acq: 27 Nov 2018 17:13

Tgt Ion: 65 Resp: 663350
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

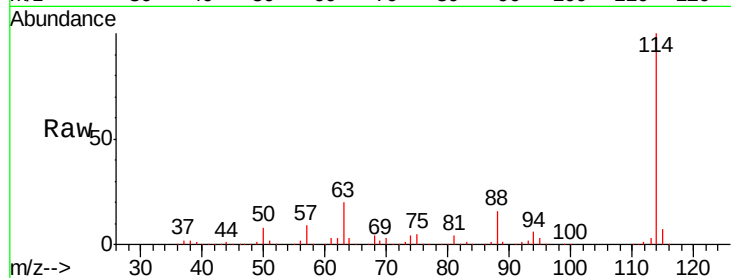




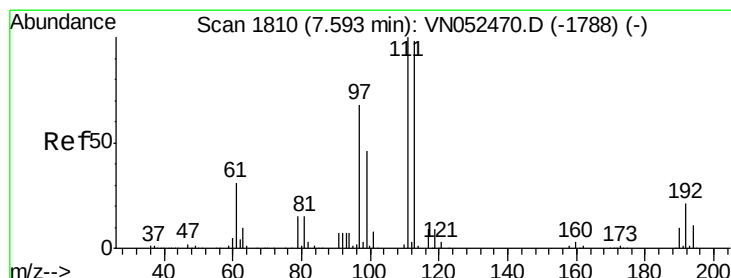
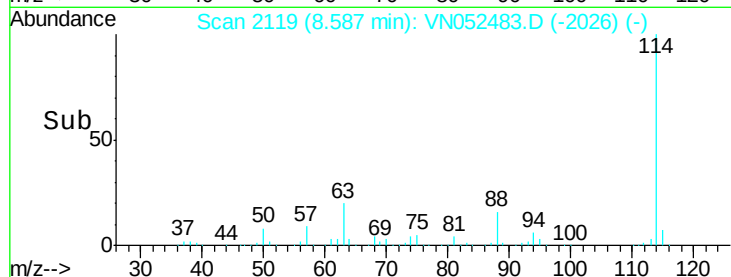
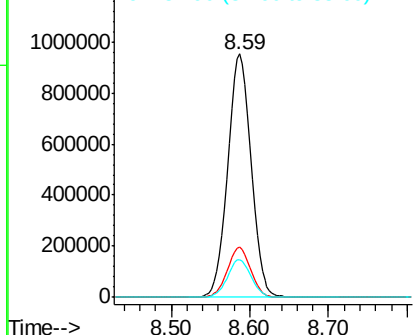
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052483.D
 Acq: 27 Nov 2018 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115074TB

Tgt Ion:114 Resp: 1951130
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.6 0.0 31.6

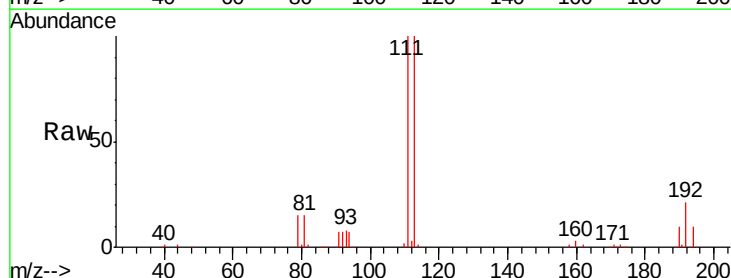


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

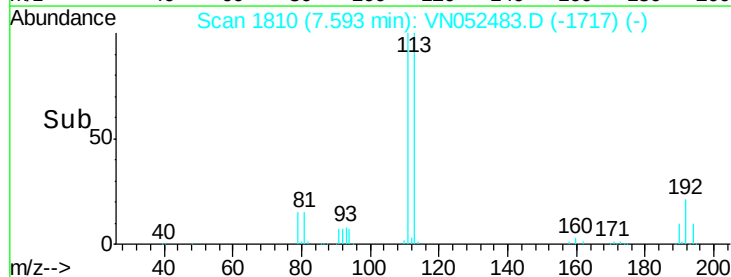
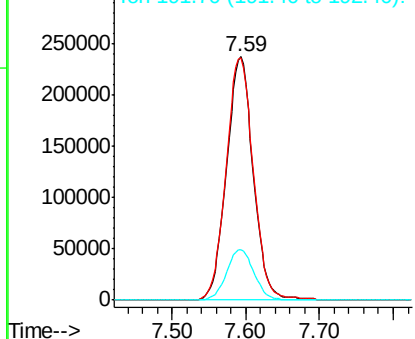


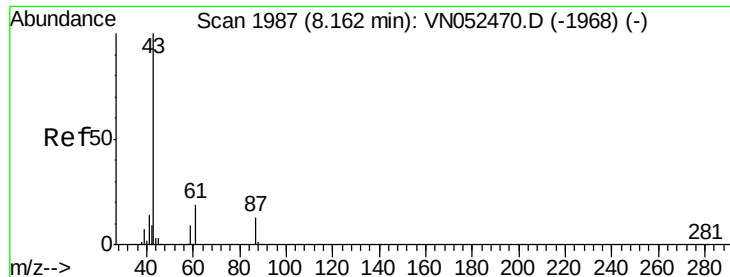
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052483.D
 Acq: 27 Nov 2018 17:13

Tgt Ion:113 Resp: 597970
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 21.3 17.0 25.6



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: 2.42 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052483.D

Acq: 27 Nov 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB115074TB

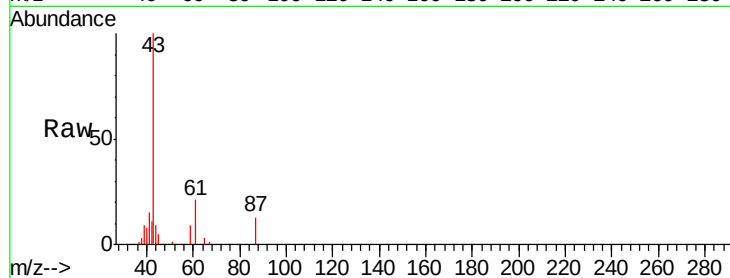
Tgt Ion: 43 Resp: 45988

Ion Ratio Lower Upper

43 100

61 20.6 24.1 36.1#

87 12.7 10.6 15.8



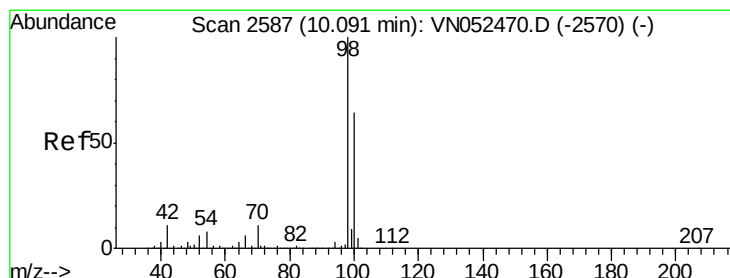
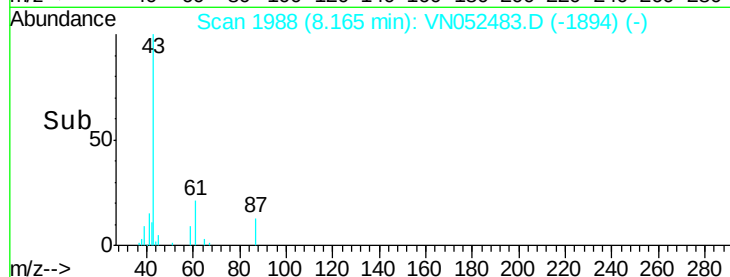
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->

8.10 8.15 8.20



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052483.D

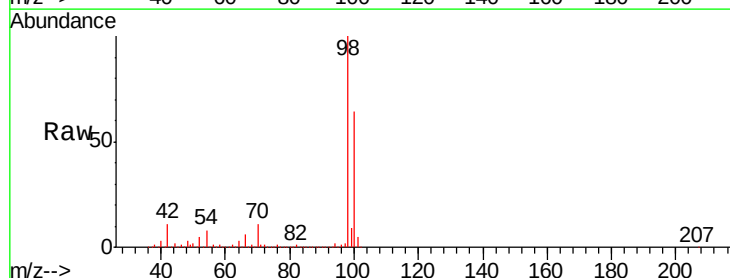
Acq: 27 Nov 2018 17:13

Tgt Ion: 98 Resp: 2382015

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9

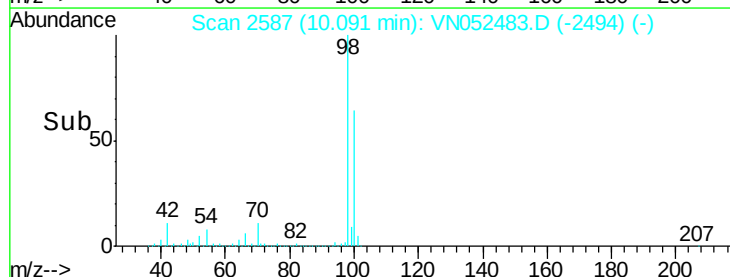


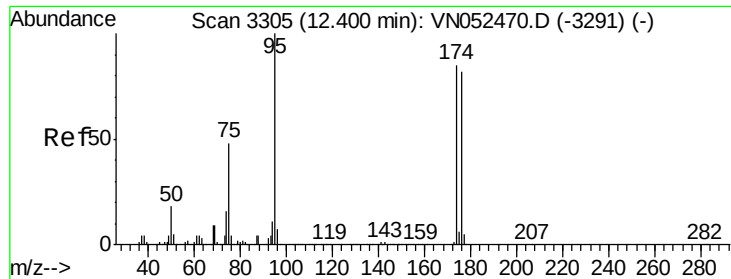
Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

Time-->

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052483.D

Acq: 27 Nov 2018 17:13

Instrument :

MSVOA_N

ClientSampled :

PB115074TB

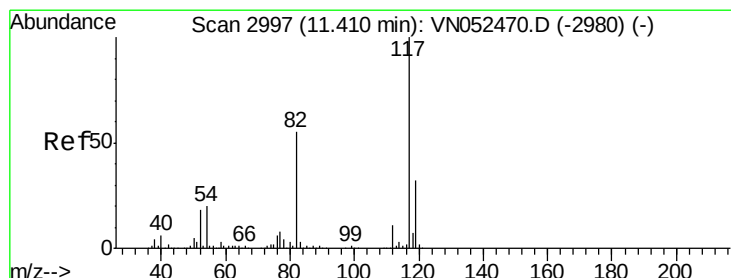
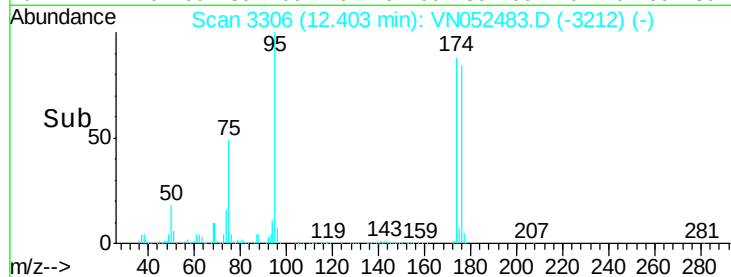
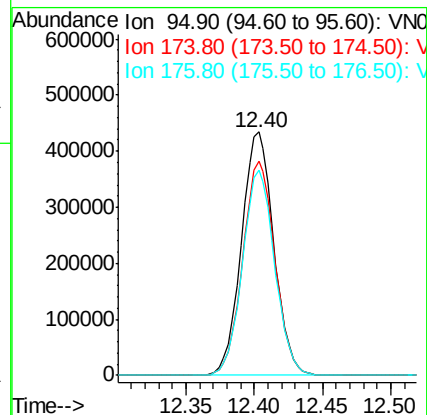
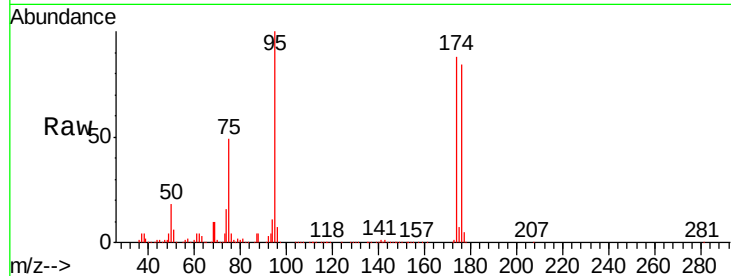
Tgt Ion: 95 Resp: 712908

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.0

176 84.0 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052483.D

Acq: 27 Nov 2018 17:13

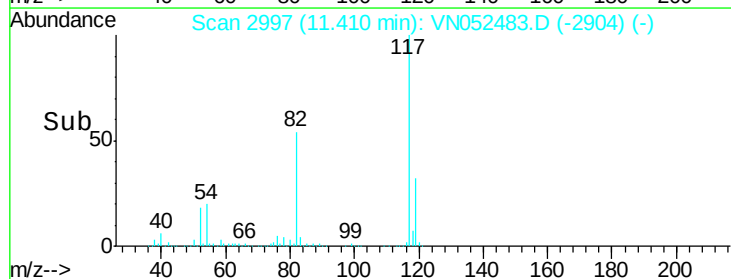
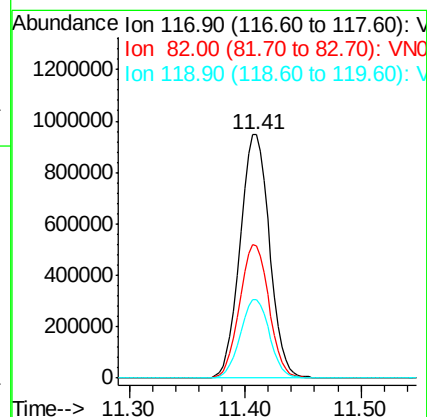
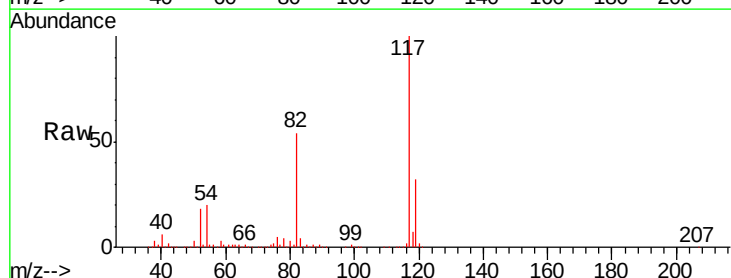
Tgt Ion: 117 Resp: 1661998

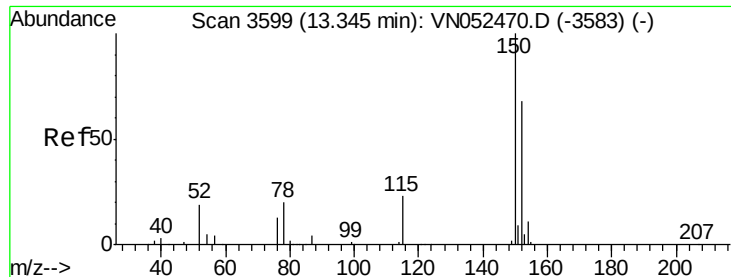
Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052483.D

Acq: 27 Nov 2018 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB115074TB

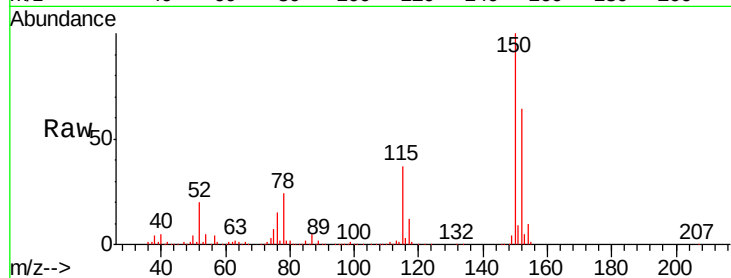
Tgt Ion:152 Resp: 588012

Ion Ratio Lower Upper

152 100

115 57.2 28.4 85.2

150 156.5 0.0 346.0



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

