

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052634.D
 Acq On : 3 Dec 2018 16:29
 Operator : MD\SY
 Sample : PB115231ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#05

Quant Time: Dec 04 01:18:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

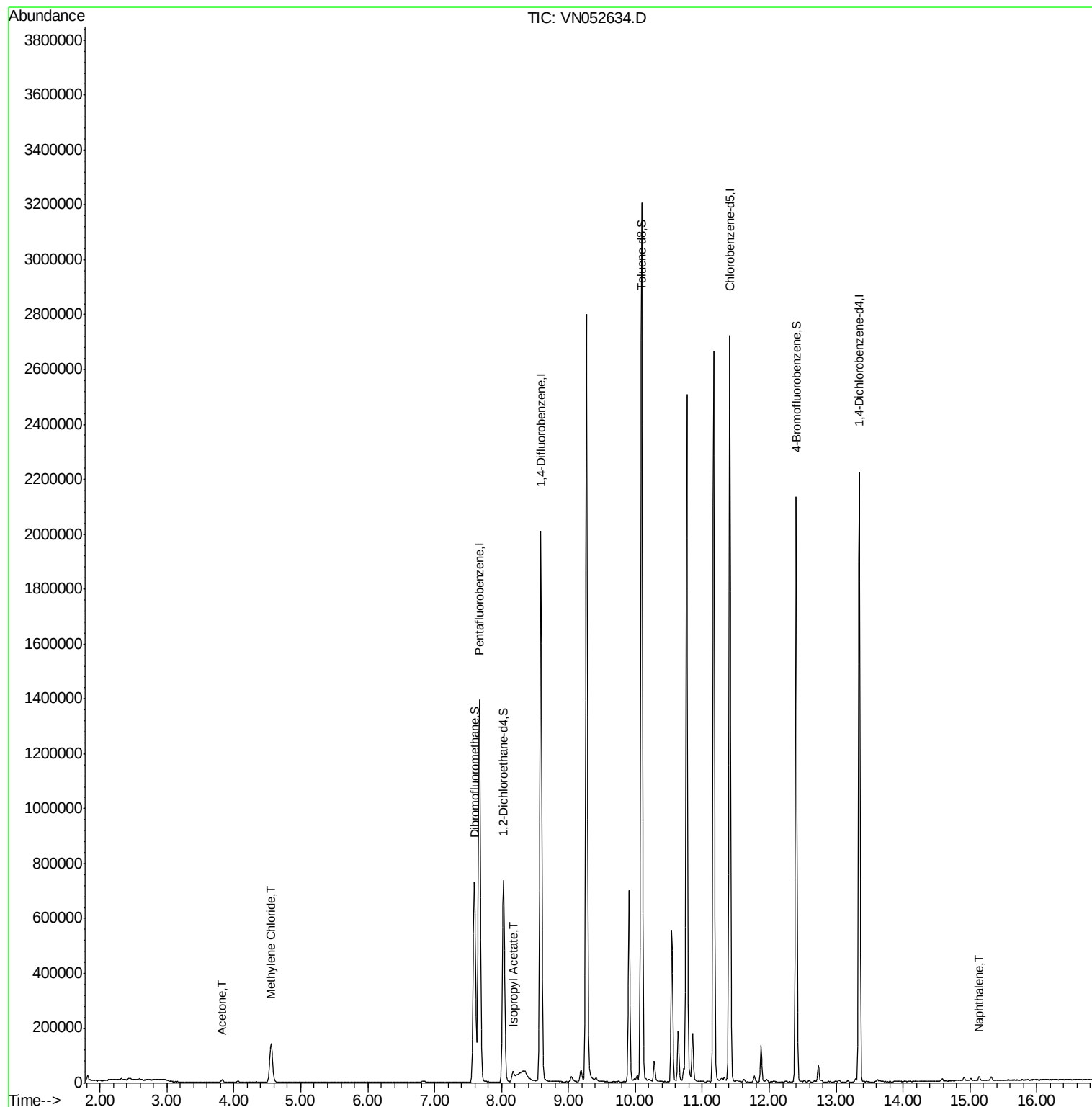
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1204486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1853148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	622612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	631442	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.59	113	571034	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	2266101	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	718877	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	3.82	43	16239	4.695	ug/l	96
20) Methylene Chloride	4.56	84	108984	8.051	ug/l	96
43) Isopropyl Acetate	8.17	43	54849	3.035	ug/l #	82
95) Naphthalene	15.14	128	12723	3.934	ug/l	96

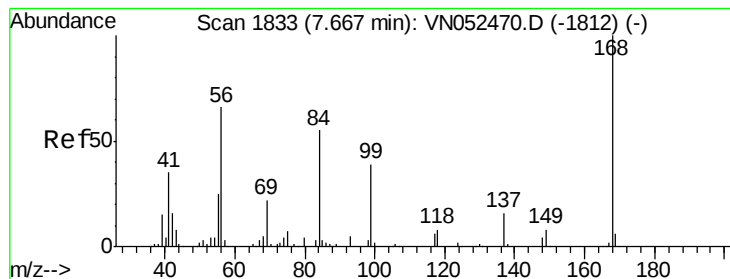
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120318\
Data File : VN052634.D
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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: VN052634.D

Acq: 3 Dec 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

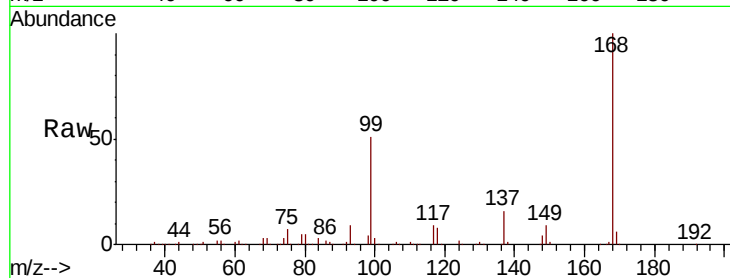
PB115231ZHE#05

Tot Ion:168 Resp: 1204486

Ion Ratio Lower Upper

168 100

99 50.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052634.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052634.D (-1740) (-)

7.67

600000

500000

400000

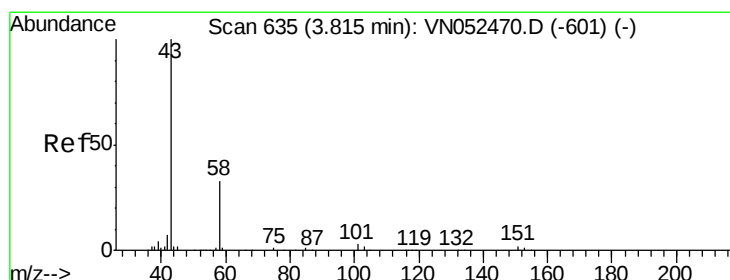
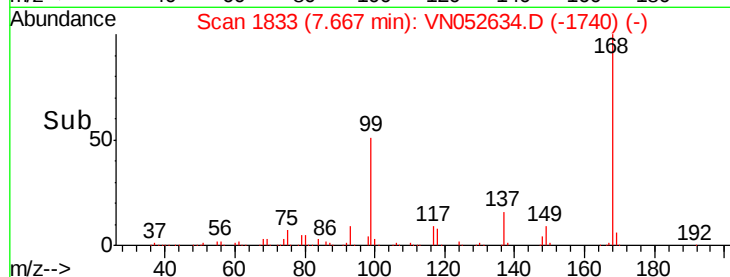
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.695 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052634.D

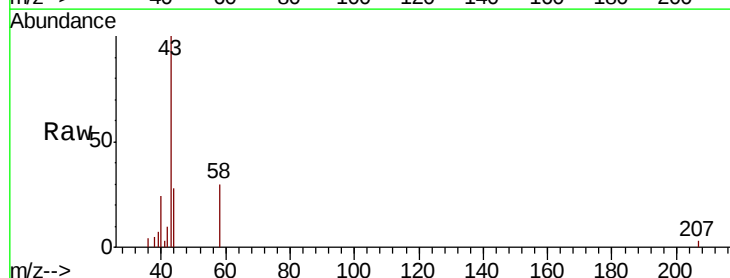
Acq: 3 Dec 2018 16:29

Tgt Ion: 43 Resp: 16239

Ion Ratio Lower Upper

43 100

58 30.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052634.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052634.D (-542) (-)

3.82

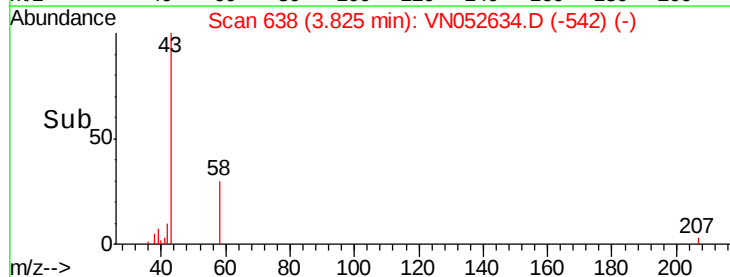
6000

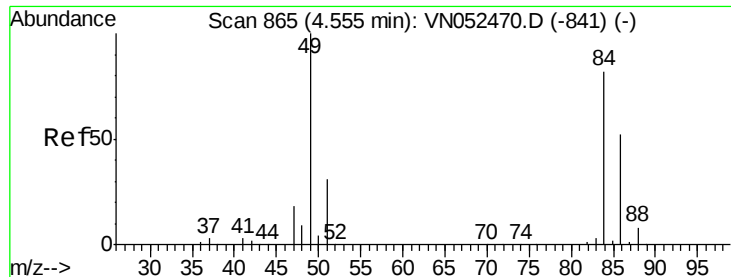
4000

2000

0

Time-->

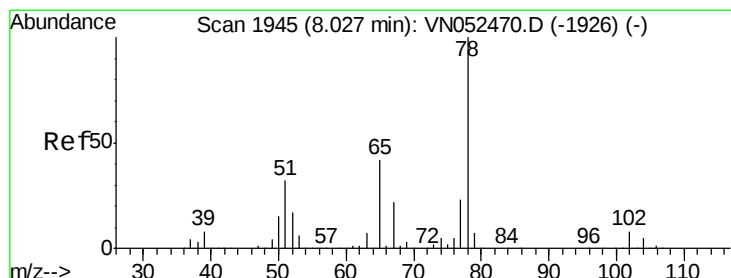
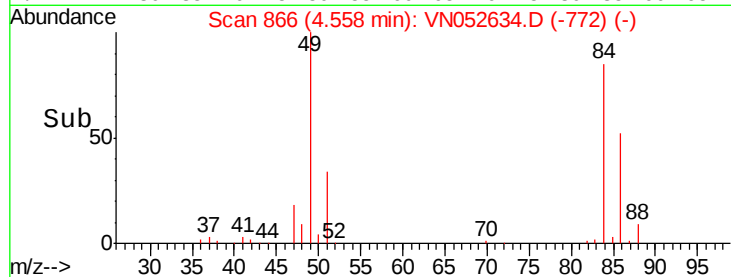
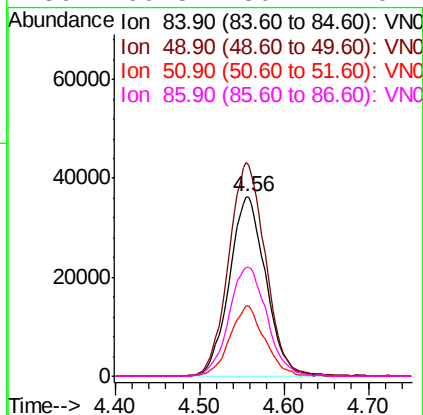
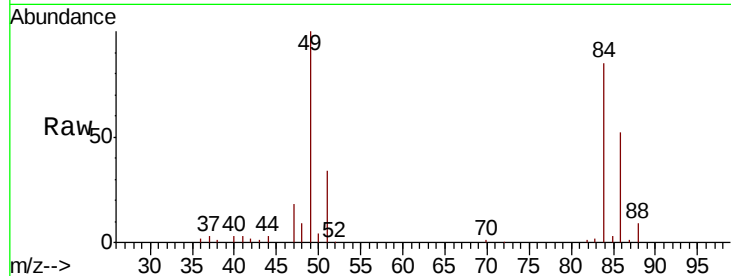




#20
Methvlene Chloride
Concen: 8.051 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052634.D
Acq: 3 Dec 2018 16:29

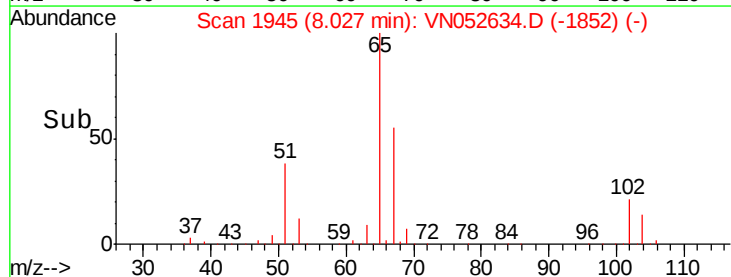
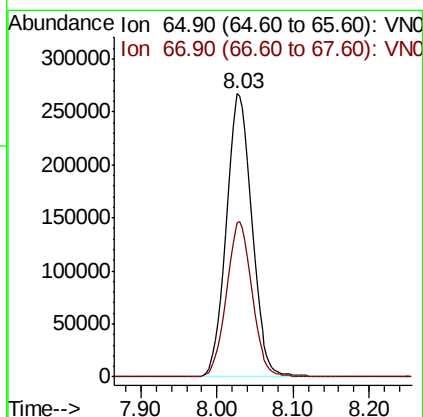
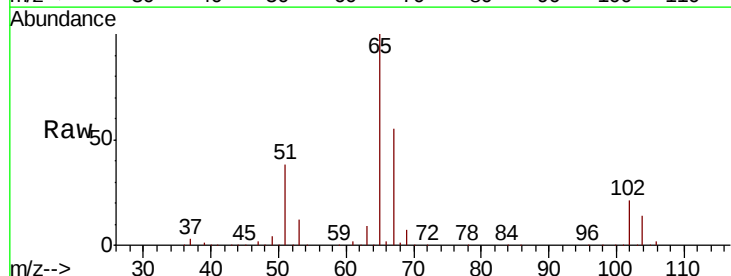
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#05

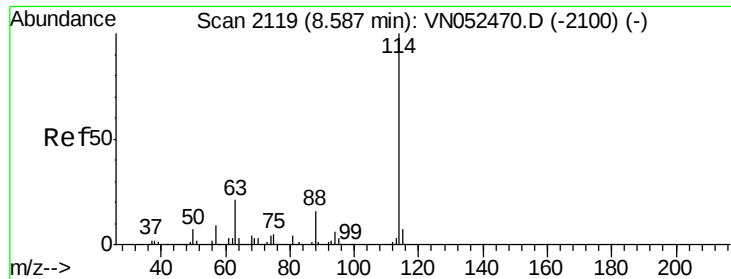
Tot Ion: 84 Resp: 108984
Ion Ratio Lower Upper
84 100
49 116.9 98.0 147.0
51 39.4 30.1 45.1
86 60.8 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052634.D
Acq: 3 Dec 2018 16:29

Tgt Ion: 65 Resp: 631442
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.8

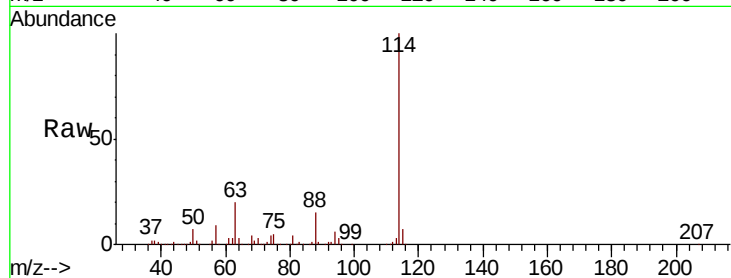




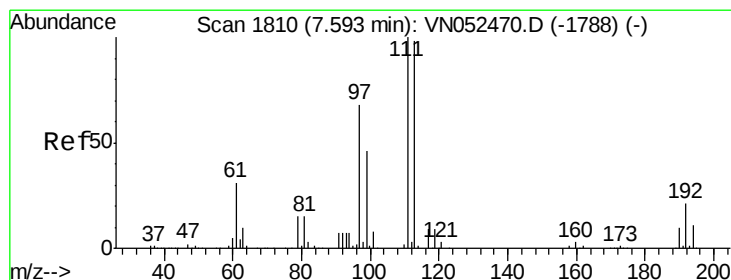
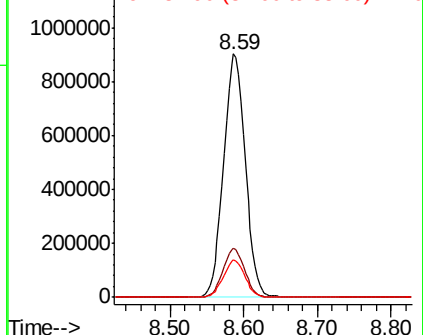
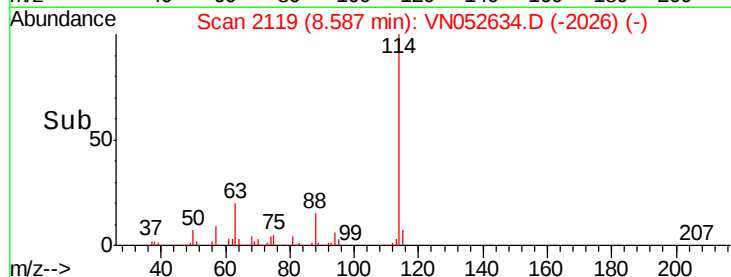
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052634.D
 Acq: 3 Dec 2018 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#05

Tot Ion:114 Resp: 1853148
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.3 0.0 31.6

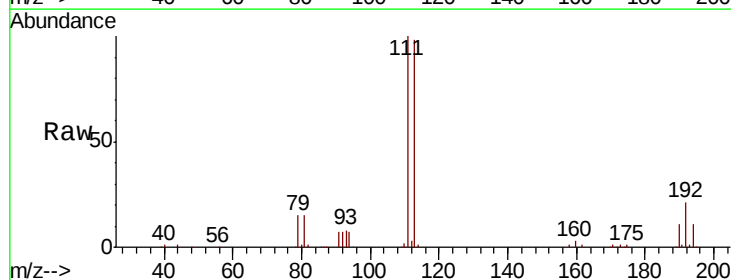


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

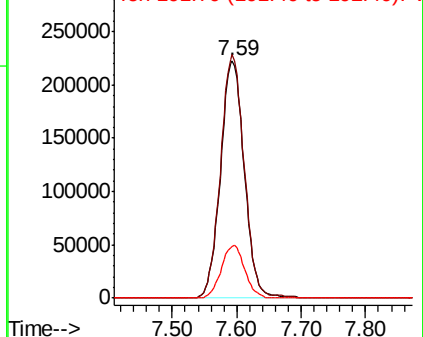
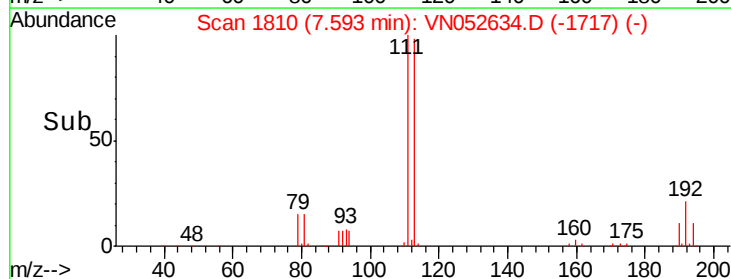


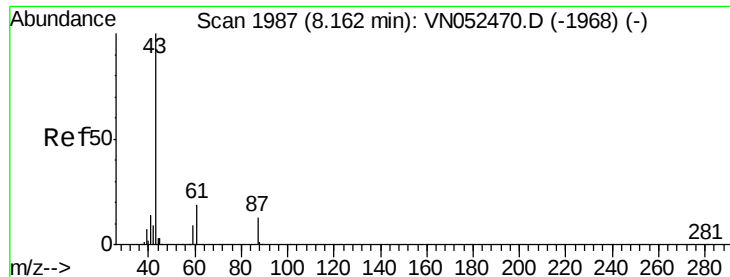
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052634.D
 Acq: 3 Dec 2018 16:29

Tgt Ion:113 Resp: 571034
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 22.0 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: 3.035 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052634.D

Acq: 3 Dec 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#05

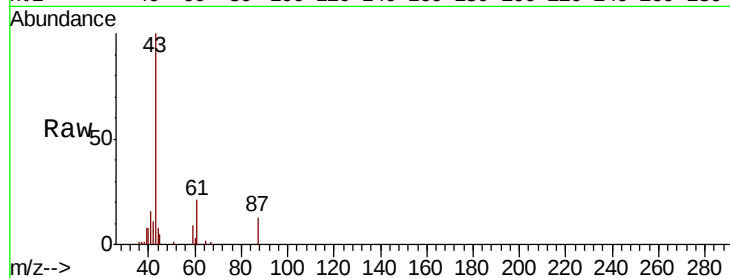
Tot Ion: 43 Resp: 54849

Ion Ratio Lower Upper

43 100

61 17.7 24.1 36.1#

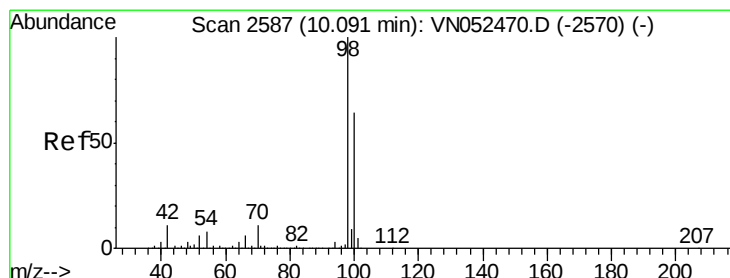
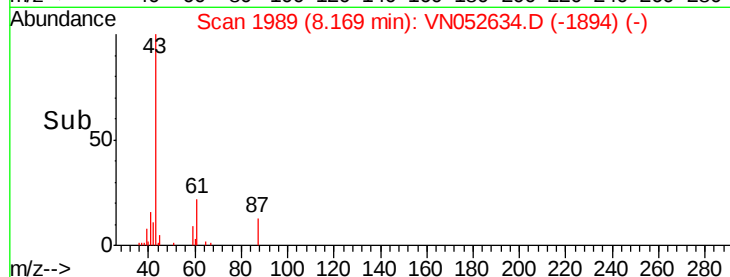
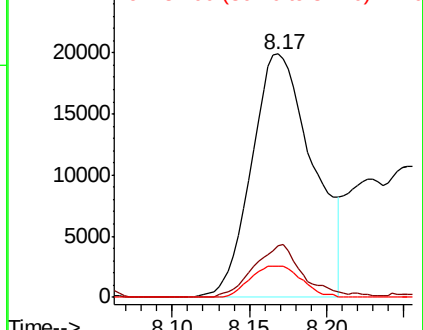
87 10.8 10.6 15.8



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052634.D

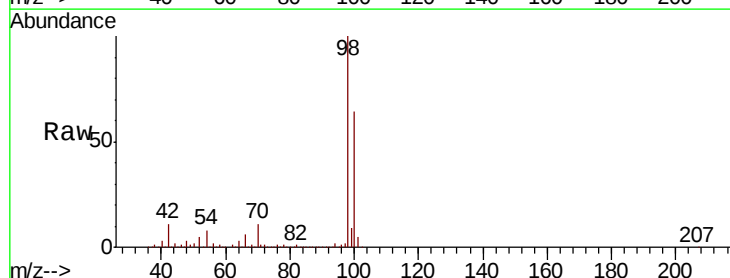
Acq: 3 Dec 2018 16:29

Tgt Ion: 98 Resp: 2266101

Ion Ratio Lower Upper

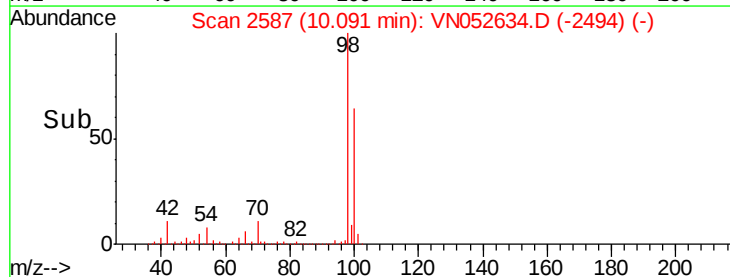
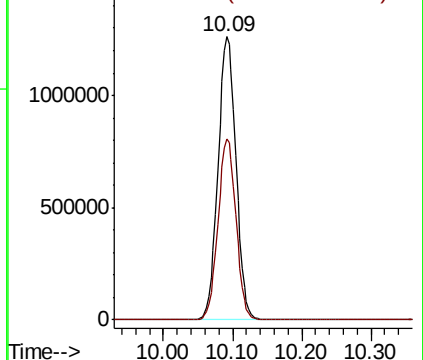
98 100

100 63.9 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) (-)

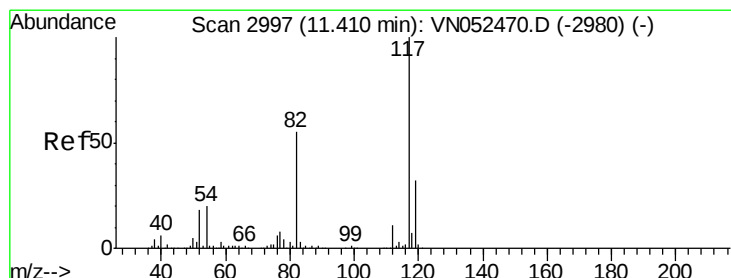
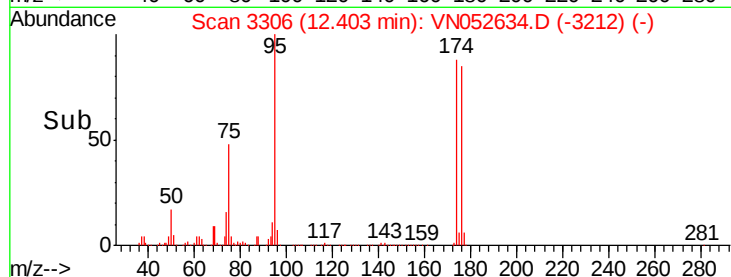
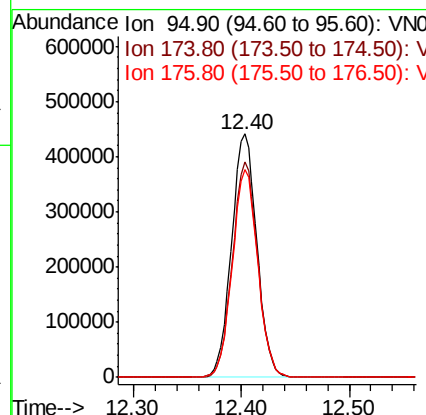
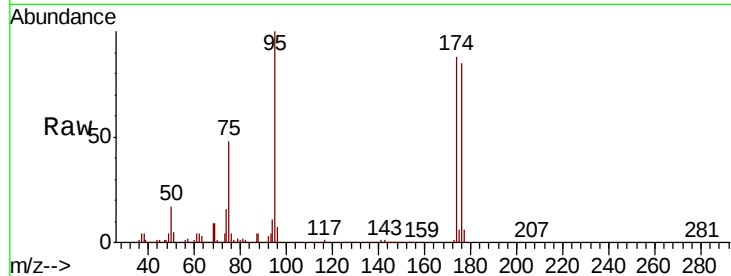




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052634.D
Acq: 3 Dec 2018 16:29

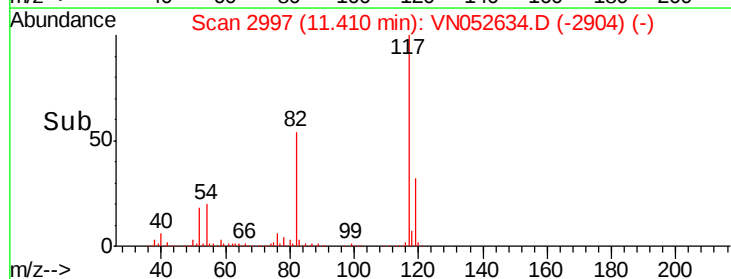
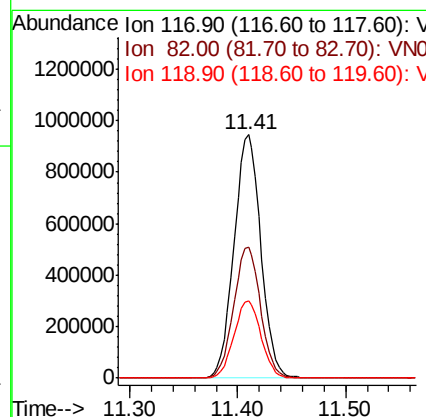
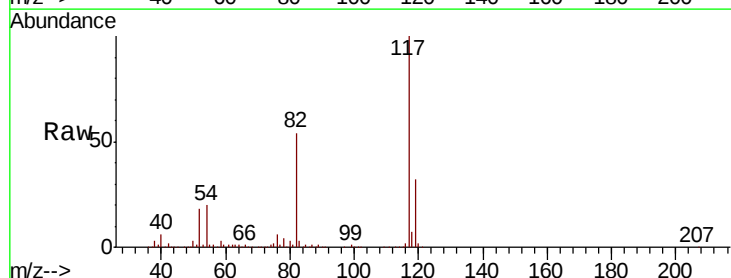
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#05

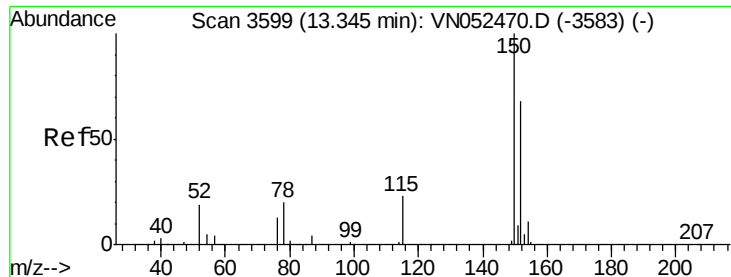
Tot Ion: 95 Resp: 718877
Ion Ratio Lower Upper
95 100
174 88.3 0.0 173.0
176 85.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052634.D
Acq: 3 Dec 2018 16:29

Tgt Ion: 117 Resp: 1638337
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052634.D

Acq: 3 Dec 2018 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#05

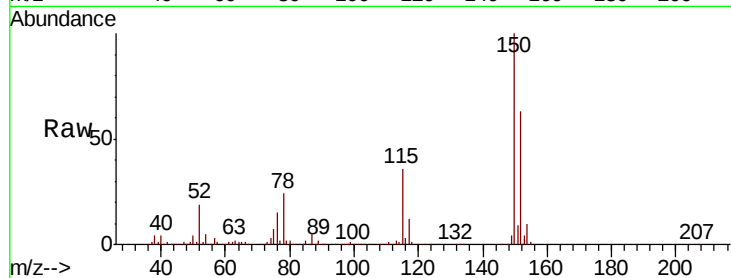
Tot Ion:152 Resp: 622612

Ion Ratio Lower Upper

152 100

115 55.6 28.4 85.2

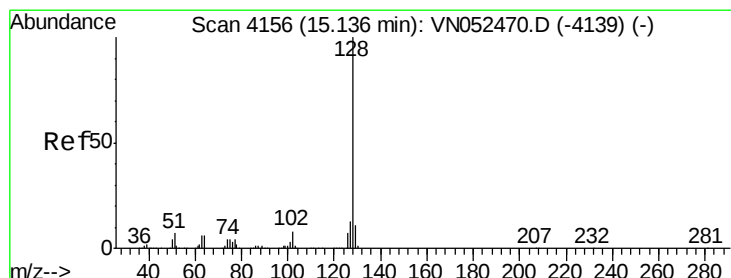
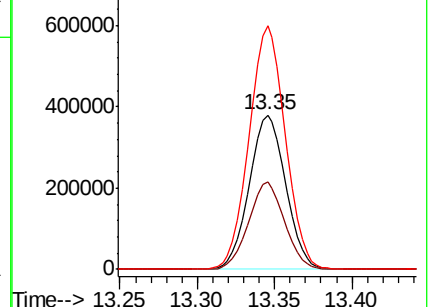
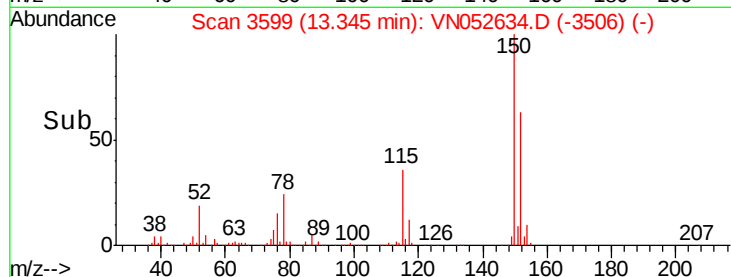
150 156.7 0.0 346.0



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



#95

Naphthalene

Concen: 3.934 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052634.D

Acq: 3 Dec 2018 16:29

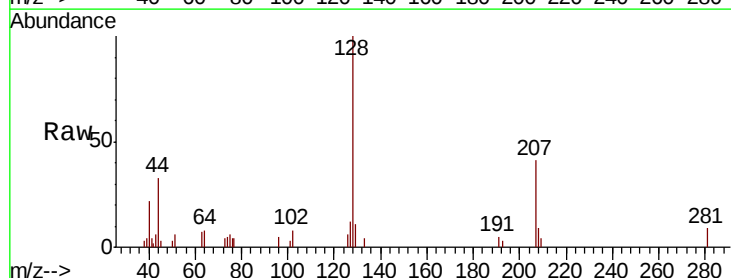
Tgt Ion:128 Resp: 12723

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.2

129 12.0 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

