

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052678.D
 Acq On : 5 Dec 2018 16:00
 Operator : MD\SY
 Sample : PB115330ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#09

Quant Time: Dec 06 05:42:16 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

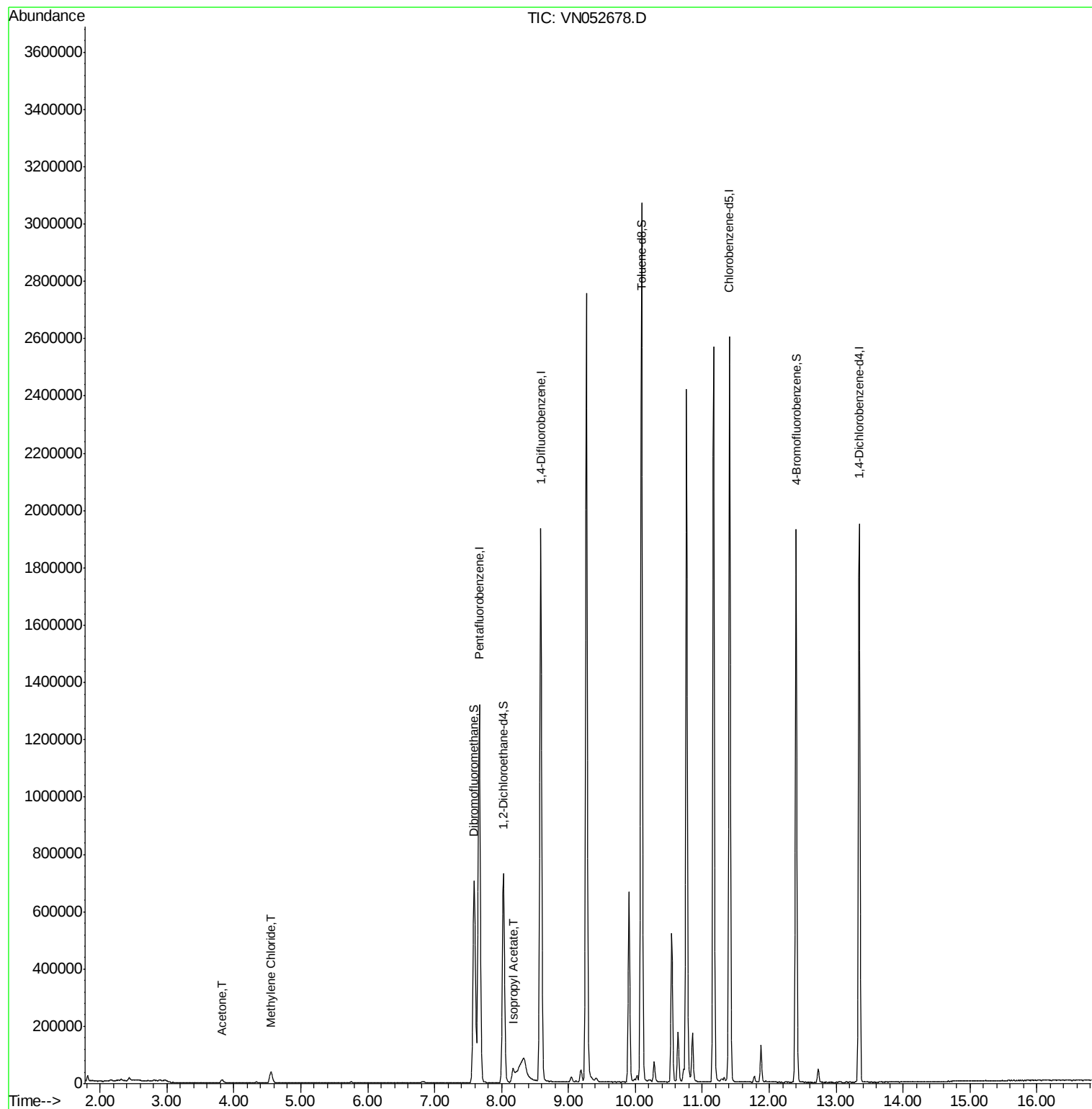
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1144221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1787704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1551596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	553251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	615835	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	7.59	113	549912	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.09	98	2188586	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.40	95	663901	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
Target Compounds						
16) Acetone	3.82	43	19998	6.086	ug/l	96
20) Methylene Chloride	4.55	84	29915	2.326	ug/l	96
43) Isopropyl Acetate	8.17	43	63012	3.614	ug/l #	77

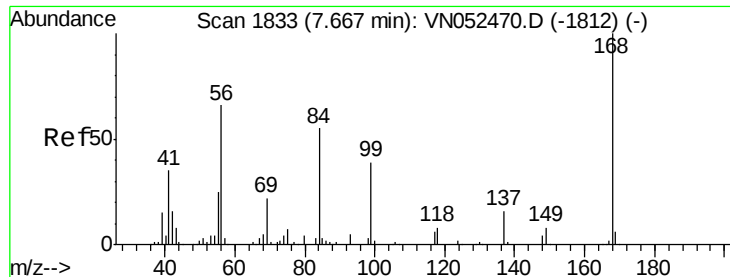
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120518\
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QLast Update : Mon Dec 03 03:24:02 2018
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: VN052678.D

Acq: 5 Dec 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

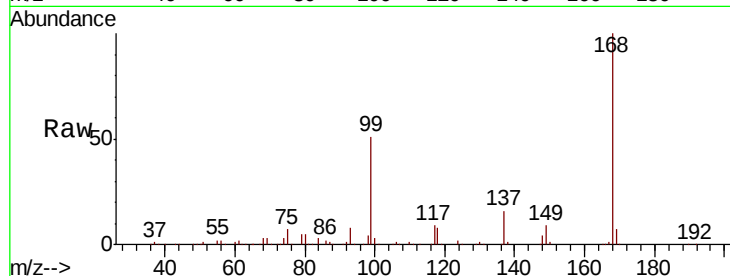
PB115330ZHE#09

Tot Ion:168 Resp: 1144221

Ion Ratio Lower Upper

168 100

99 51.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

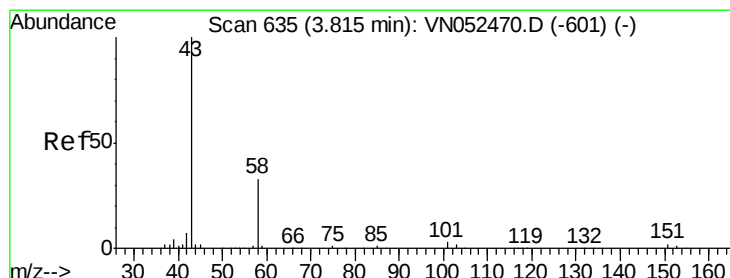
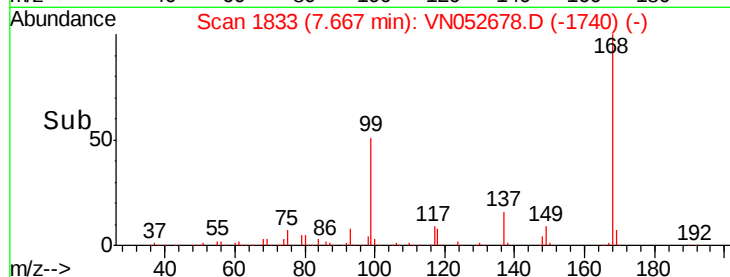
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.086 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052678.D

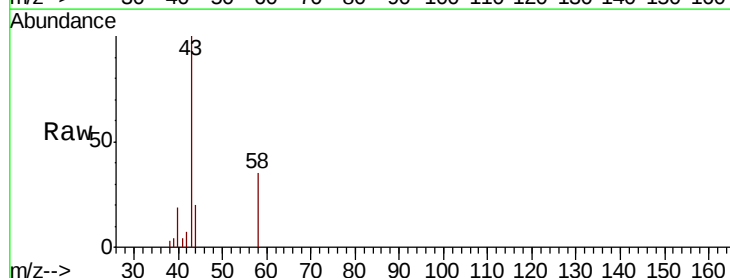
Acq: 5 Dec 2018 16:00

Tgt Ion: 43 Resp: 19998

Ion Ratio Lower Upper

43 100

58 34.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

8000

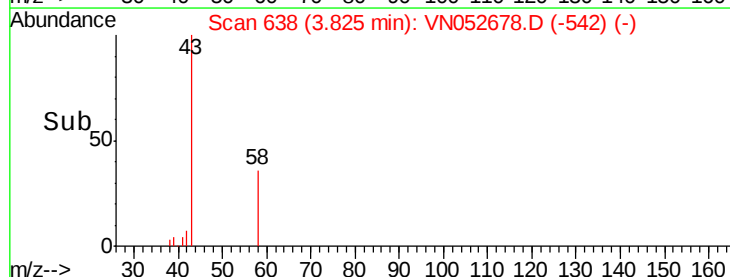
6000

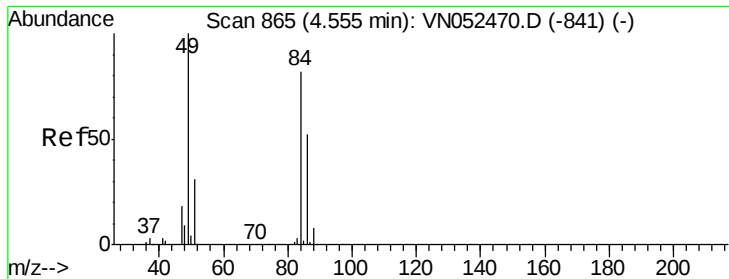
4000

2000

0

Time-->

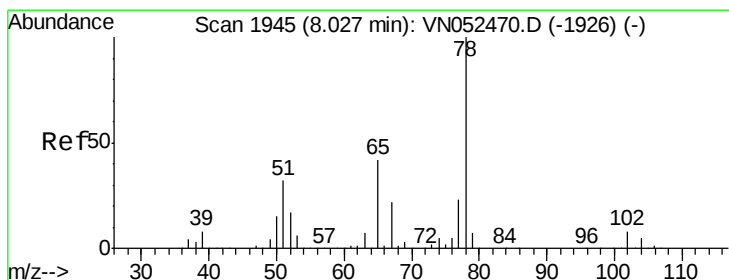
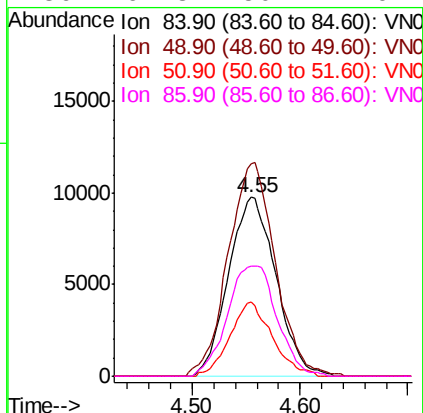
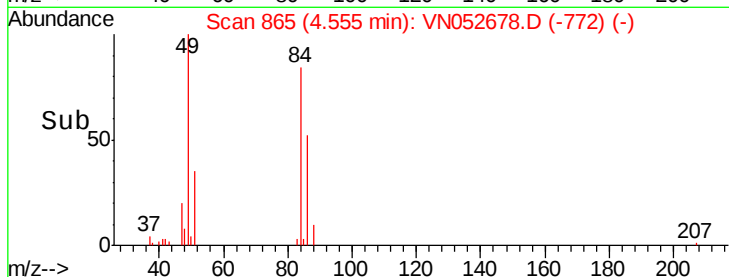
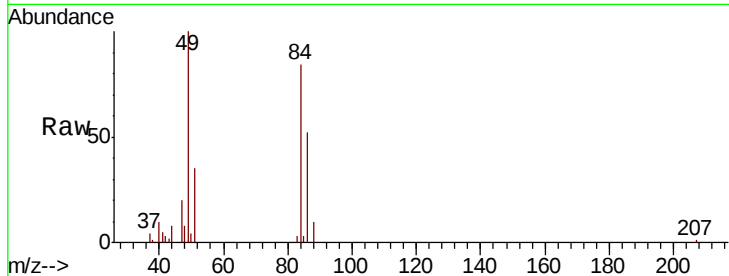




#20
Methvlene Chloride
Concen: 2.326 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052678.D
Acq: 5 Dec 2018 16:00

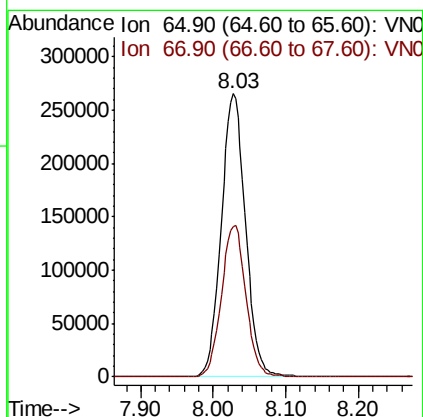
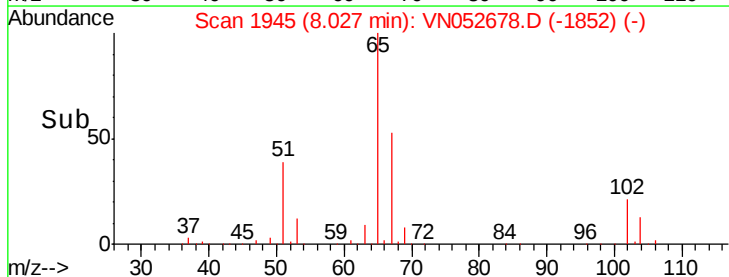
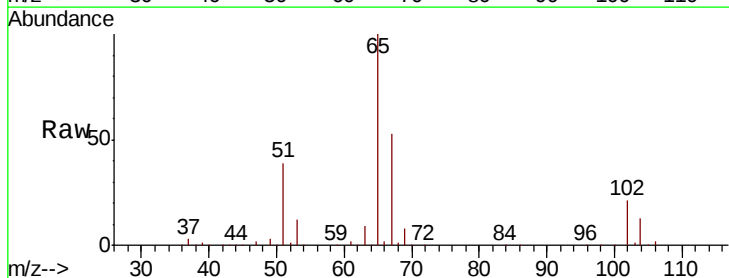
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#09

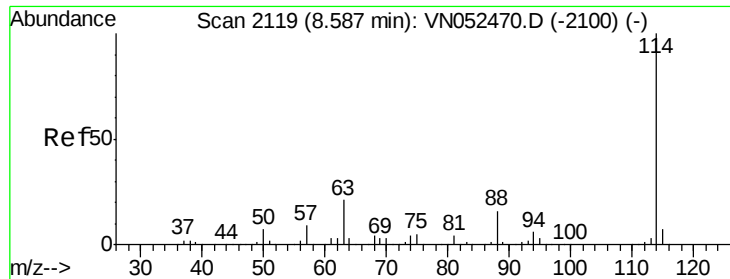
Tot Ion: 84 Resp: 29915
Ion Ratio Lower Upper
84 100
49 117.1 98.0 147.0
51 41.4 30.1 45.1
86 61.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052678.D
Acq: 5 Dec 2018 16:00

Tgt Ion: 65 Resp: 615835
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.8

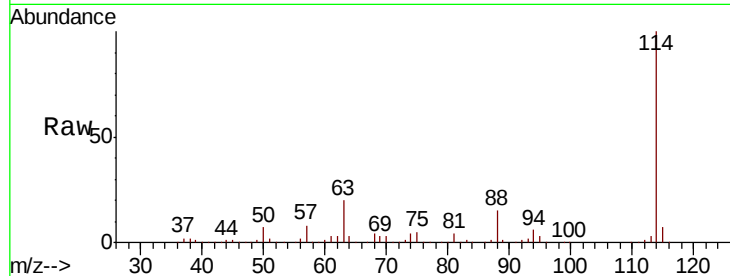




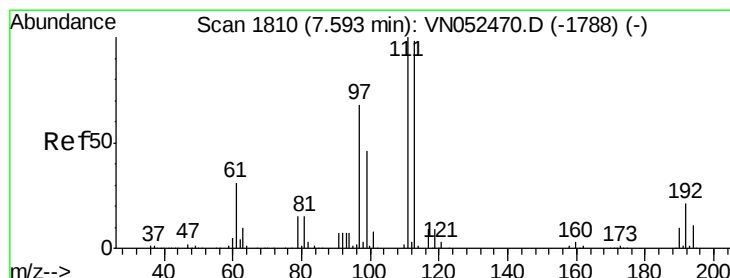
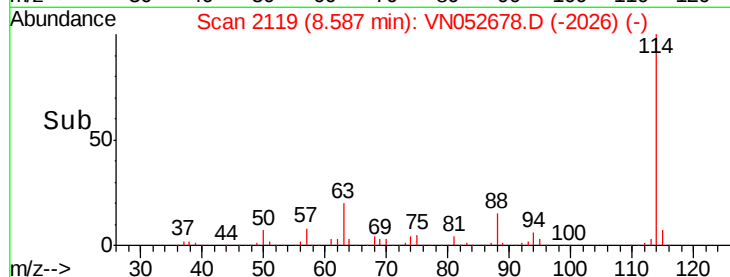
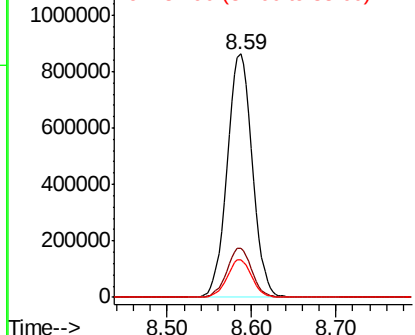
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052678.D
 Acq: 5 Dec 2018 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#09

Tot Ion:114 Resp: 1787704
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.3 0.0 31.6

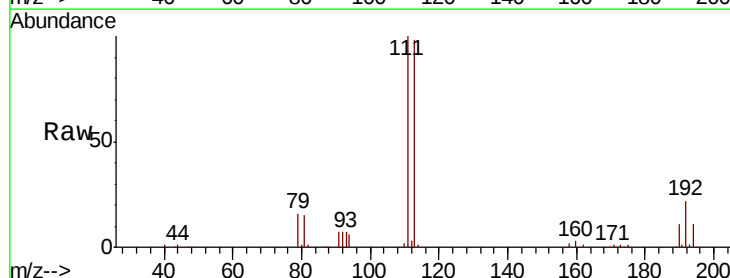


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

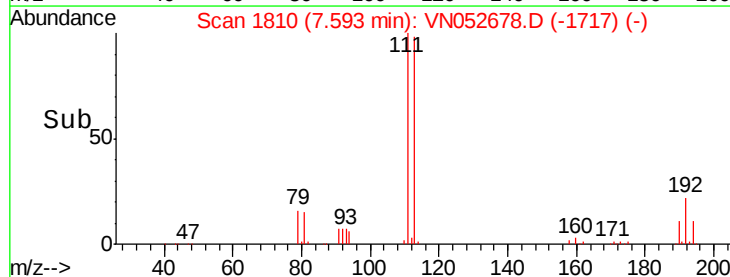
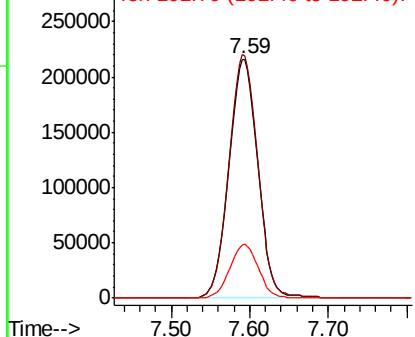


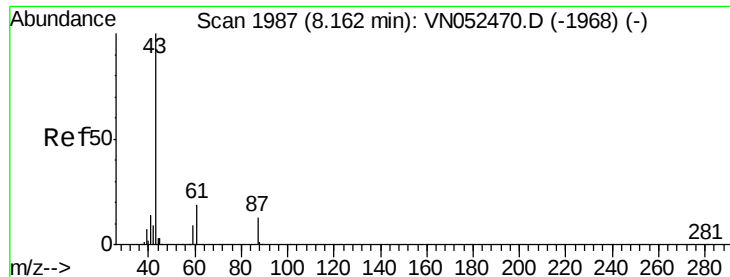
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052678.D
 Acq: 5 Dec 2018 16:00

Tgt Ion:113 Resp: 549912
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 22.4 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: 3.614 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052678.D

Acq: 5 Dec 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#09

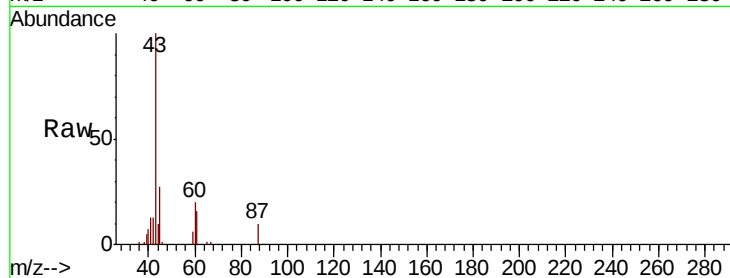
Tot Ion: 43 Resp: 63012

Ion Ratio Lower Upper

43 100

61 14.8 24.1 36.1#

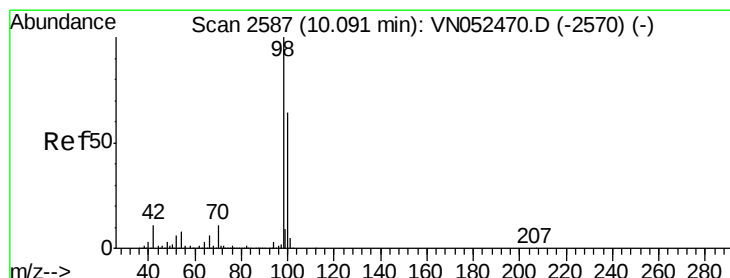
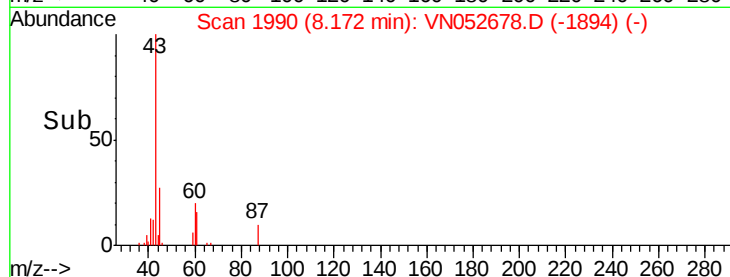
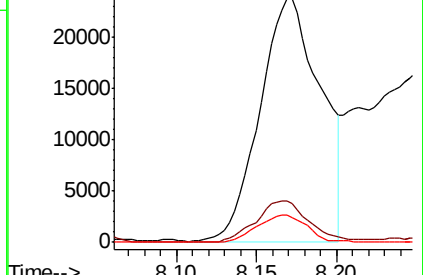
87 9.2 10.6 15.8#



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: VN052678.D

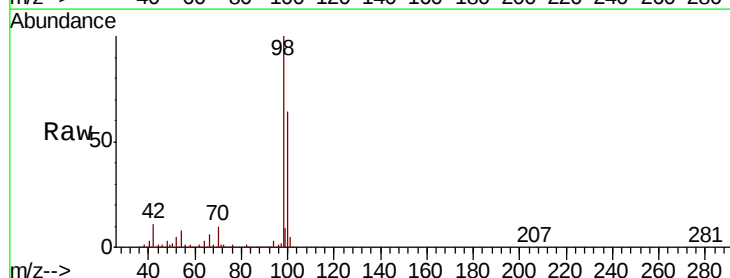
Acq: 5 Dec 2018 16:00

Tgt Ion: 98 Resp: 2188586

Ion Ratio Lower Upper

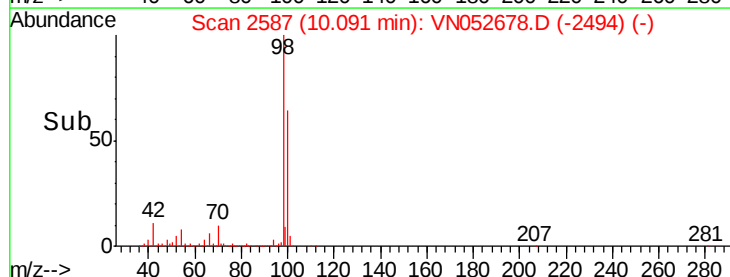
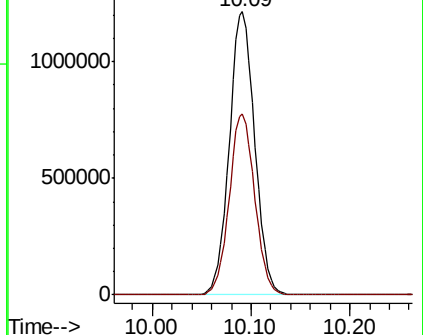
98 100

100 64.2 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) (-)

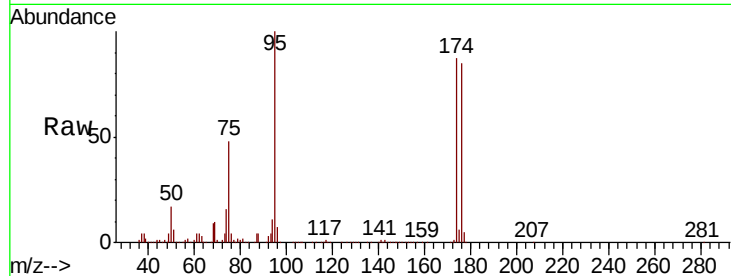




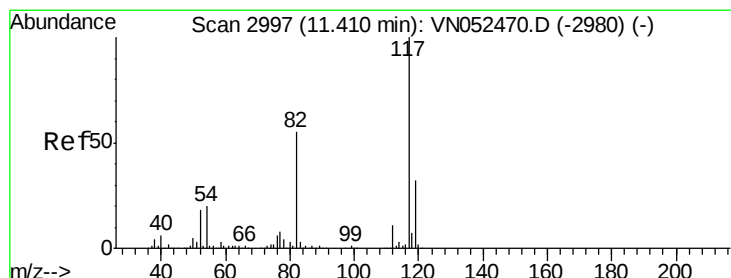
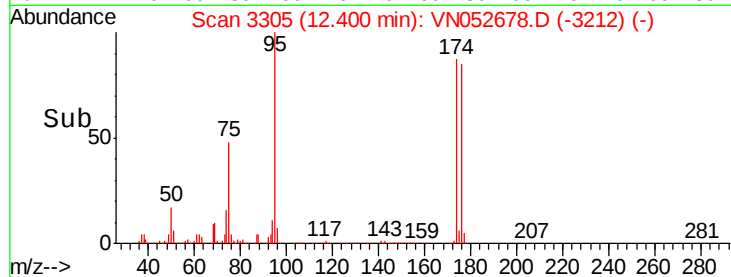
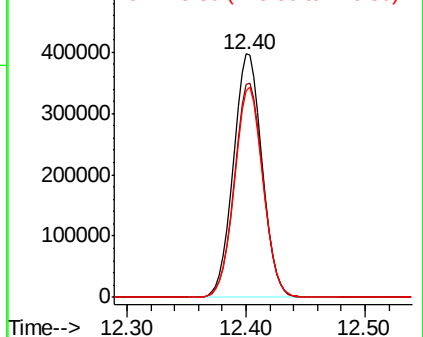
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052678.D
Acq: 5 Dec 2018 16:00

Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#09

Tot Ion: 95 Resp: 663901
Ion Ratio Lower Upper
95 100
174 87.9 0.0 173.0
176 85.6 0.0 166.2

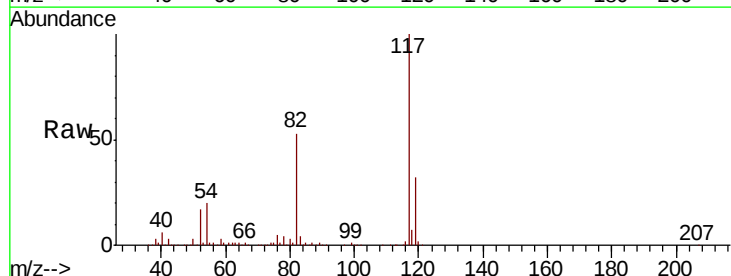


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

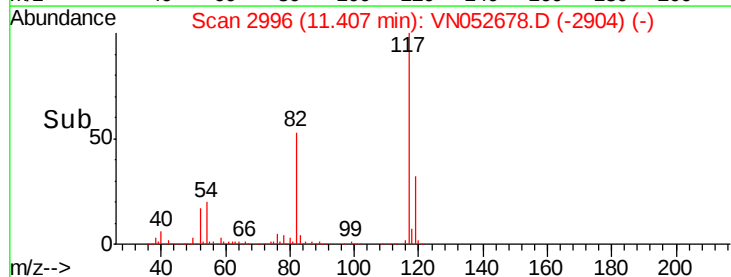
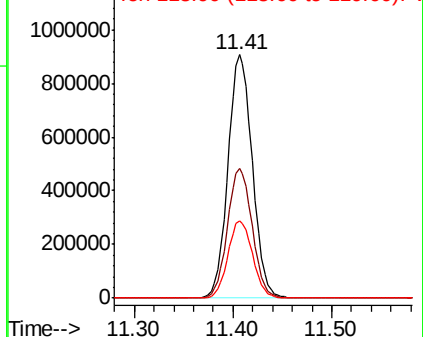


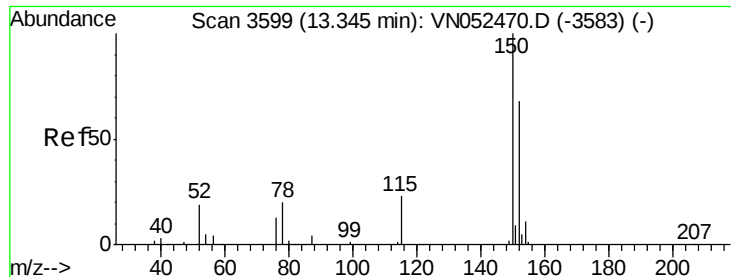
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052678.D
Acq: 5 Dec 2018 16:00

Tgt Ion: 117 Resp: 1551596
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN052470.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: VN052678.D

Acq: 5 Dec 2018 16:00

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#09

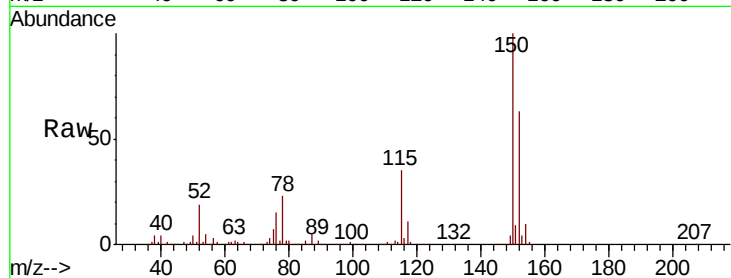
Tot Ion:152 Resp: 553251

Ion Ratio Lower Upper

152 100

115 56.3 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

