

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052661.D
 Acq On : 4 Dec 2018 18:14
 Operator : MD\SY
 Sample : J6198-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-06-120318

Quant Time: Dec 05 04:17:43 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

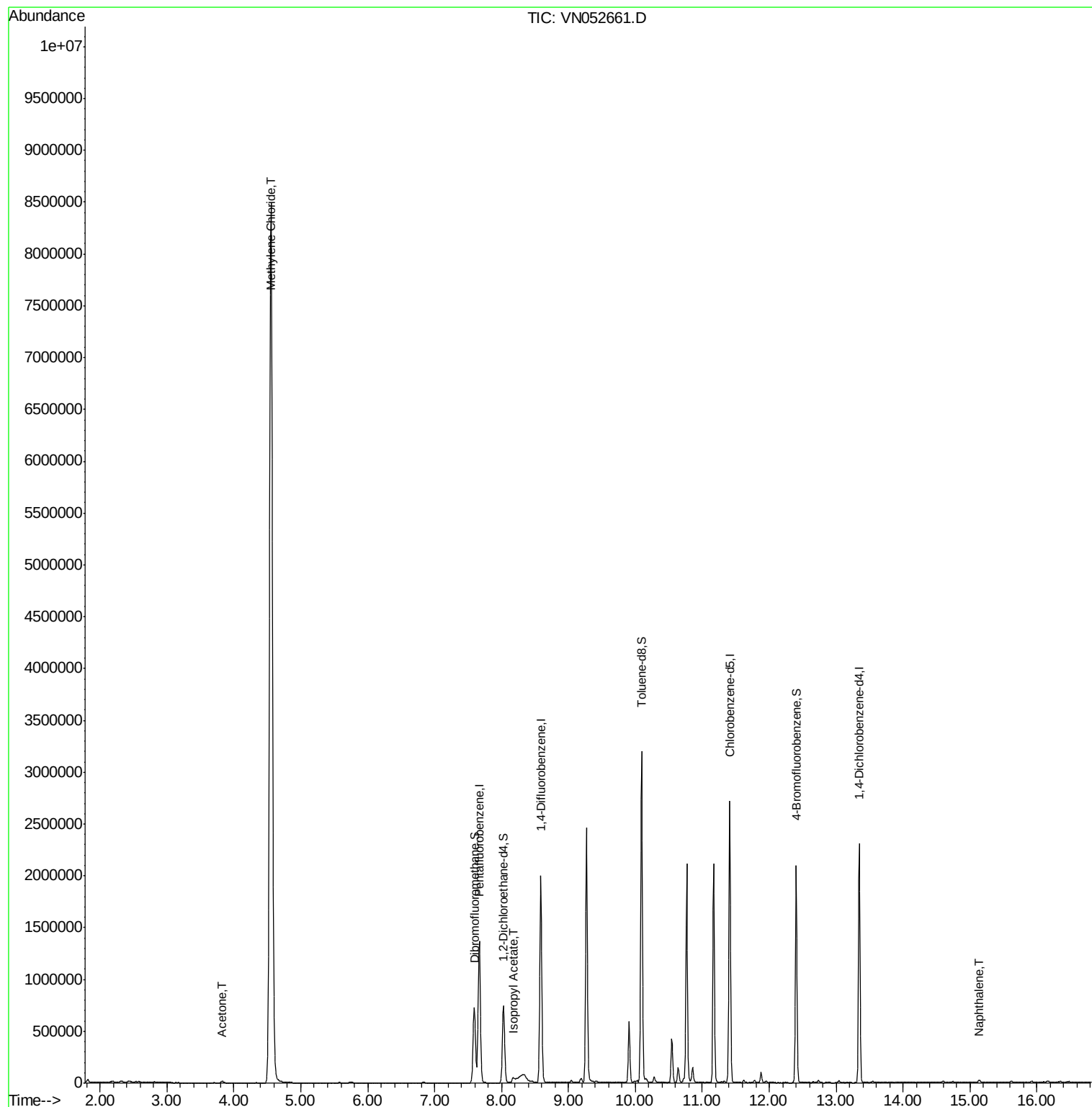
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1842525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1645452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	640159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634721	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.59	113	566498	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	2266139	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	721825	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	3.82	43	21765	6.402	ug/l	97
20) Methylene Chloride	4.55	84	6513454	489.580	ug/l	99
43) Isopropyl Acetate	8.17	43	58095	3.233	ug/l #	77
95) Naphthalene	15.13	128	14360	3.983	ug/l	99

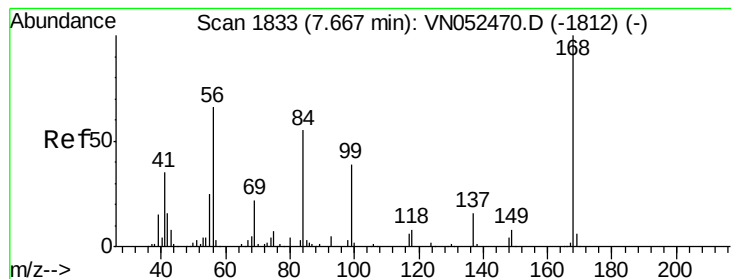
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
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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: VN052661.D

Acq: 4 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

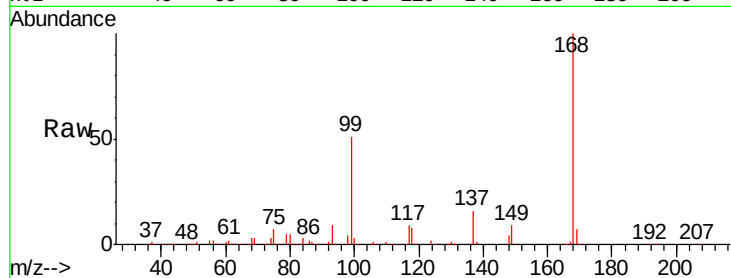
SA-06-120318

Tgt Ion:168 Resp: 1183814

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

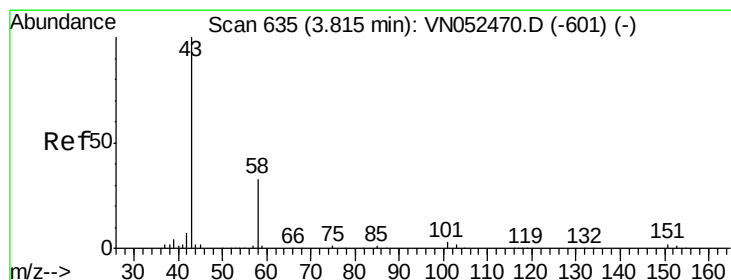
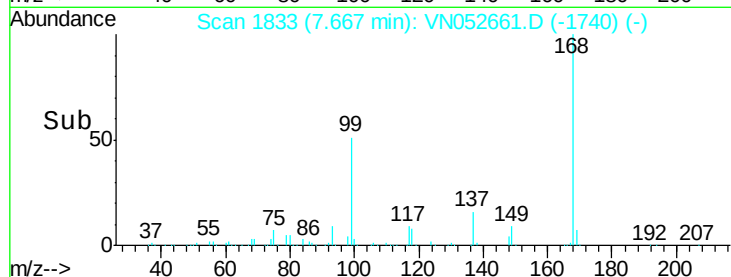
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.402 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052661.D

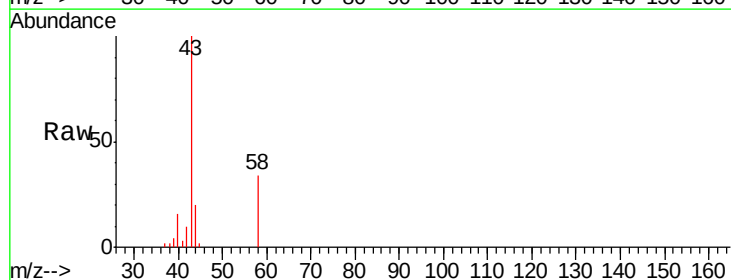
Acq: 4 Dec 2018 18:14

Tgt Ion: 43 Resp: 21765

Ion Ratio Lower Upper

43 100

58 34.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

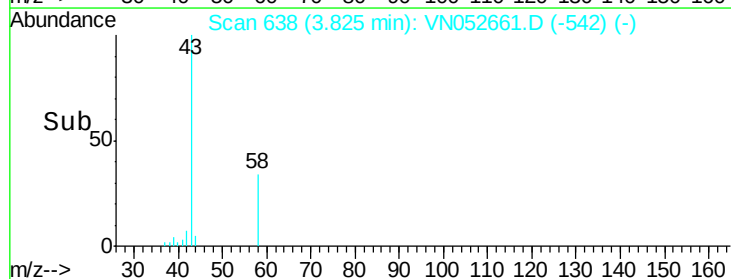
4000

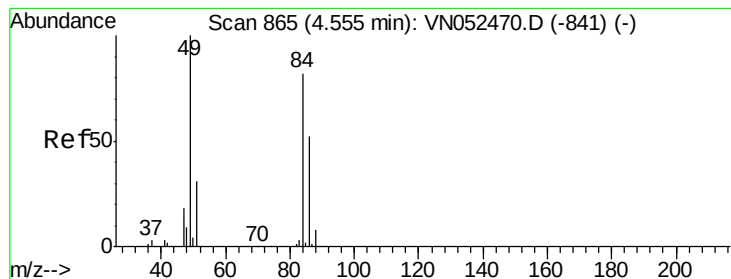
2000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 489.580 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052661.D

Acq: 4 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

SA-06-120318

Tgt Ion: 84 Resp: 6513454

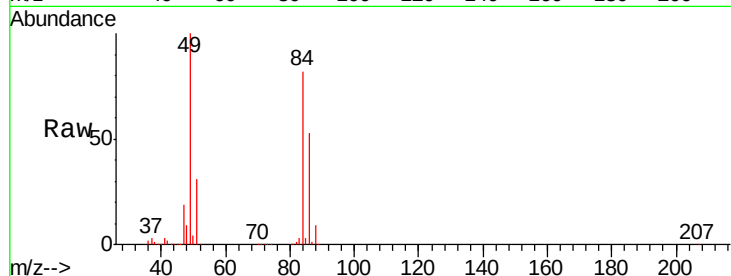
Ion Ratio Lower Upper

84 100

49 121.8 98.0 147.0

51 37.4 30.1 45.1

86 64.8 50.7 76.1

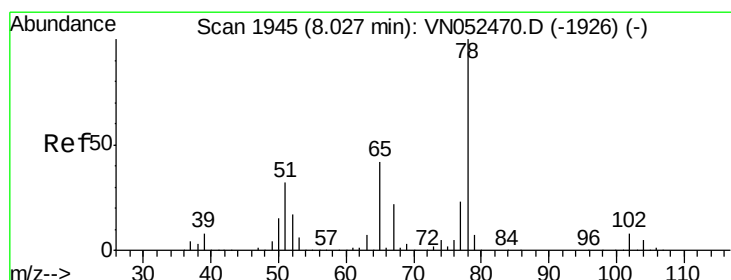
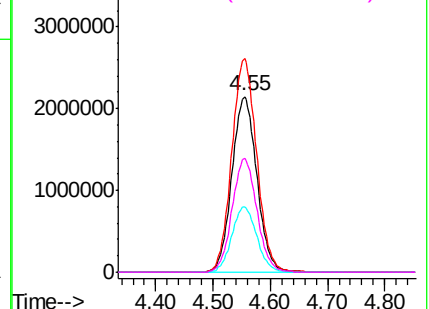
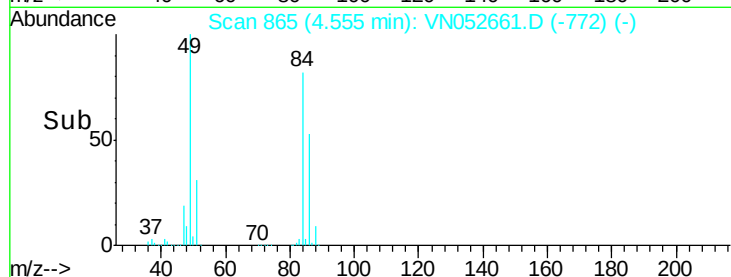


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052661.D

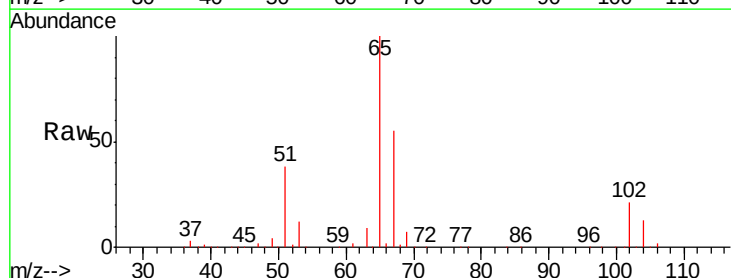
Acq: 4 Dec 2018 18:14

Tgt Ion: 65 Resp: 634721

Ion Ratio Lower Upper

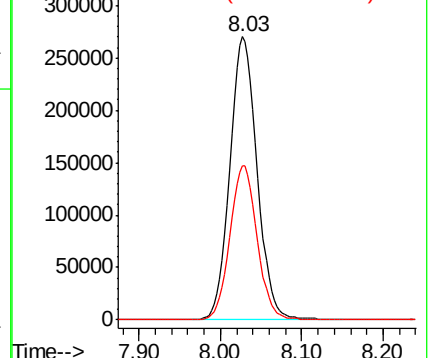
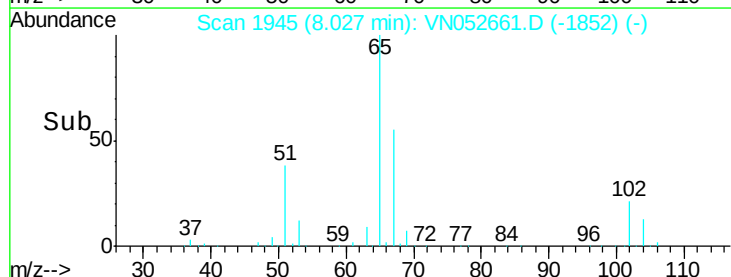
65 100

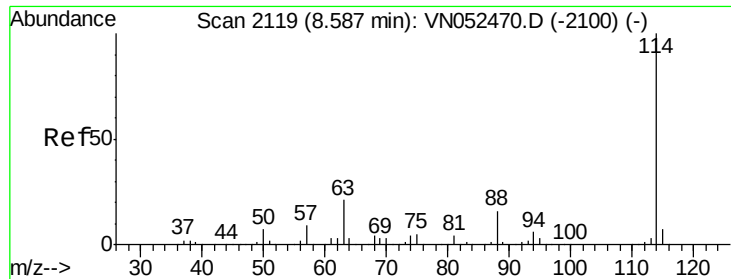
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

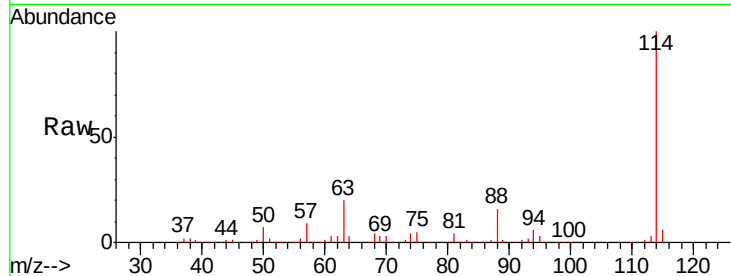




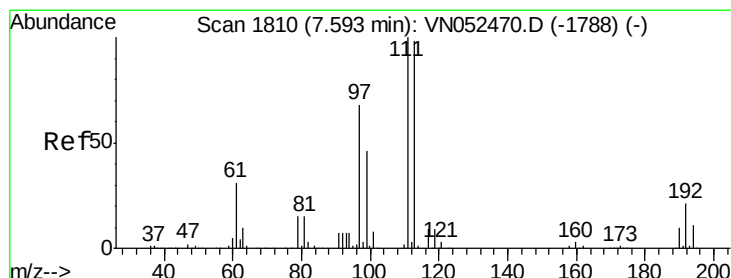
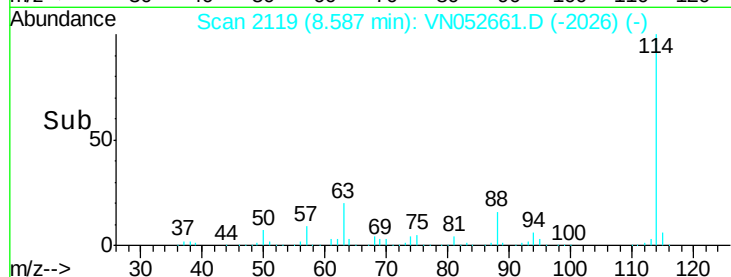
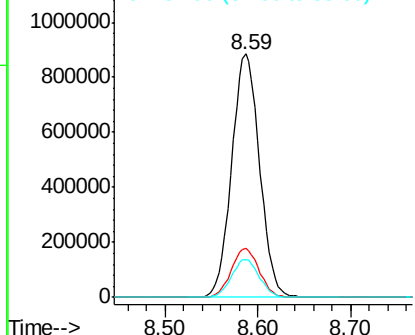
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052661.D
 Acq: 4 Dec 2018 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-06-120318

Tgt Ion:114 Resp: 1842525
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.6 0.0 31.6

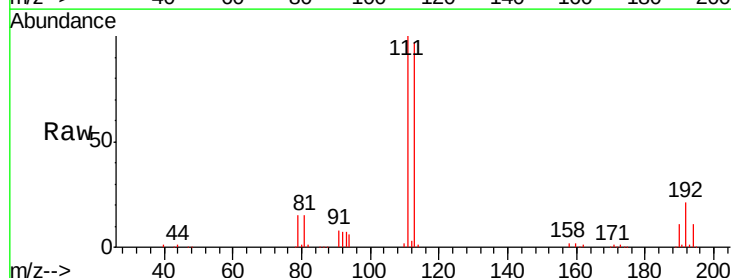


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

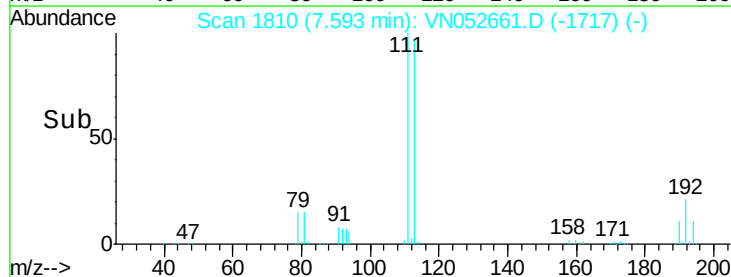
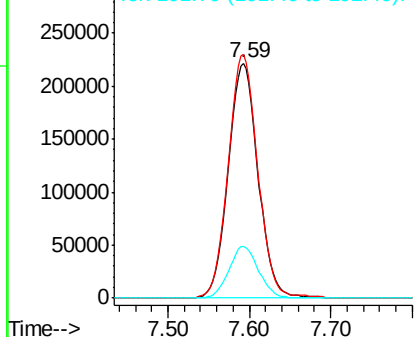


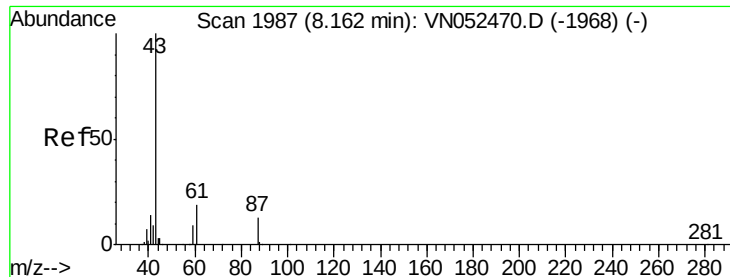
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052661.D
 Acq: 4 Dec 2018 18:14

Tgt Ion:113 Resp: 566498
 Ion Ratio Lower Upper
 113 100
 111 103.1 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: 3.233 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052661.D

Acq: 4 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

SA-06-120318

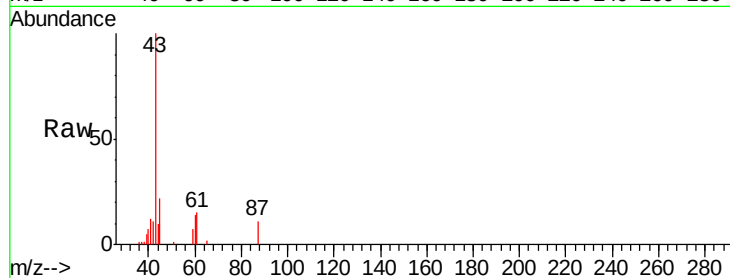
Tgt Ion: 43 Resp: 58095

Ion Ratio Lower Upper

43 100

61 15.1 24.1 36.1#

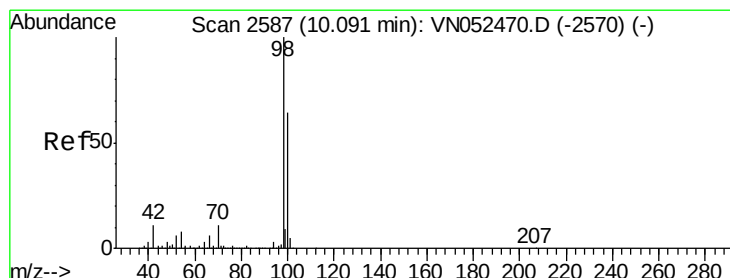
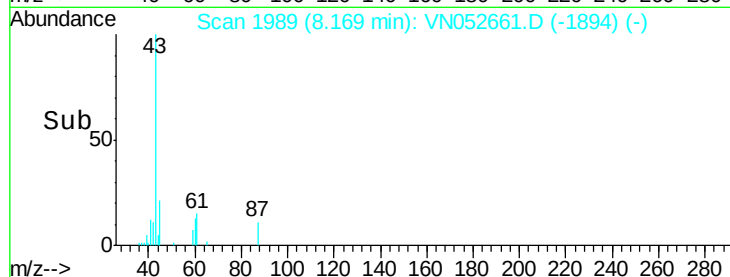
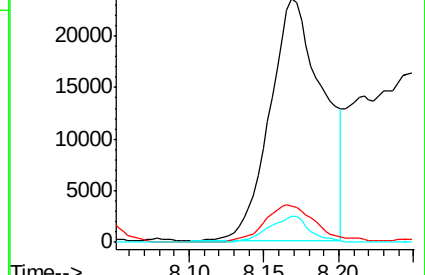
87 8.3 10.6 15.8#



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: VN052661.D

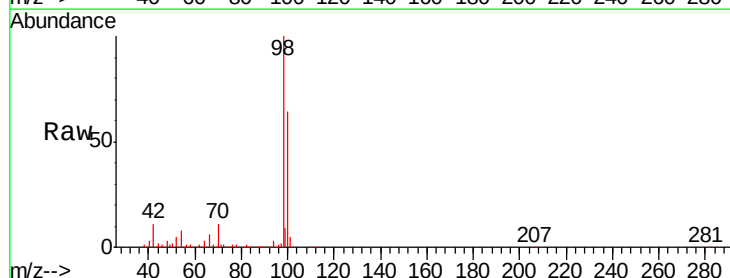
Acq: 4 Dec 2018 18:14

Tgt Ion: 98 Resp: 2266139

Ion Ratio Lower Upper

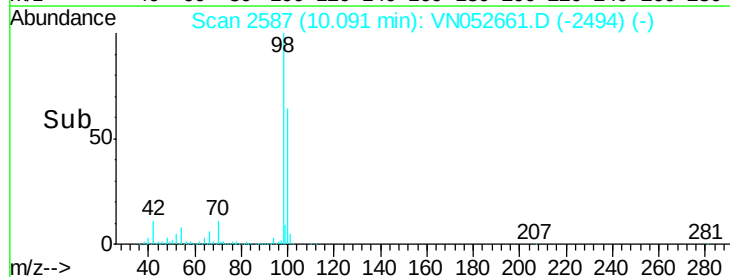
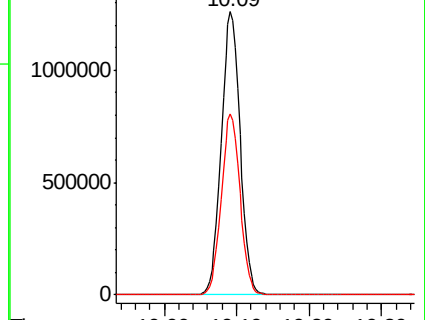
98 100

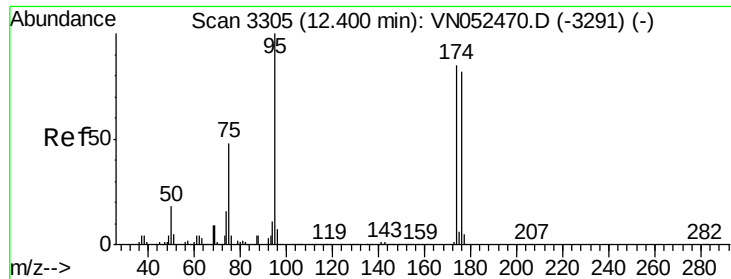
100 63.5 51.3 76.9



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

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

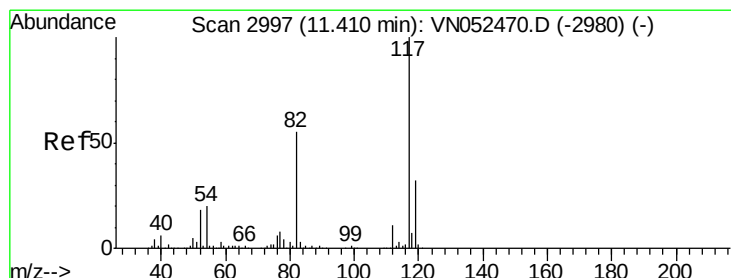
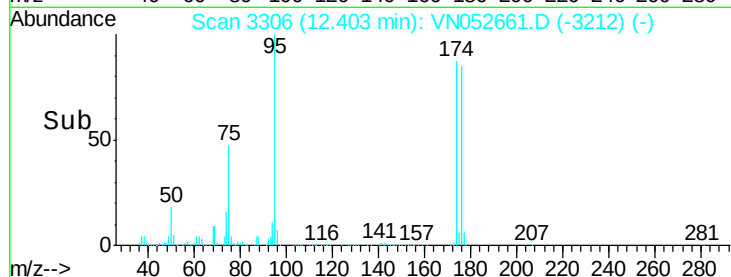
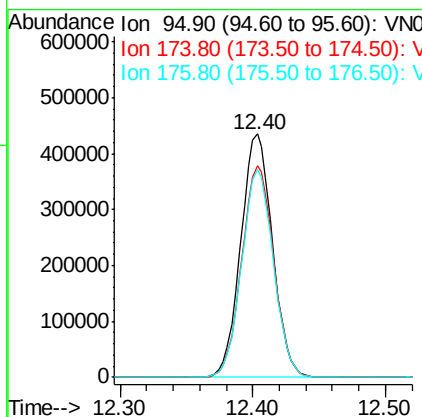
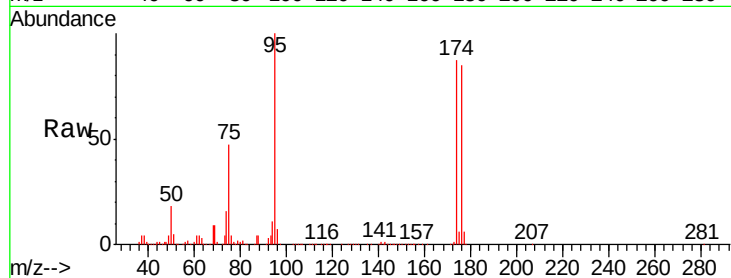




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052661.D
Acq: 4 Dec 2018 18:14

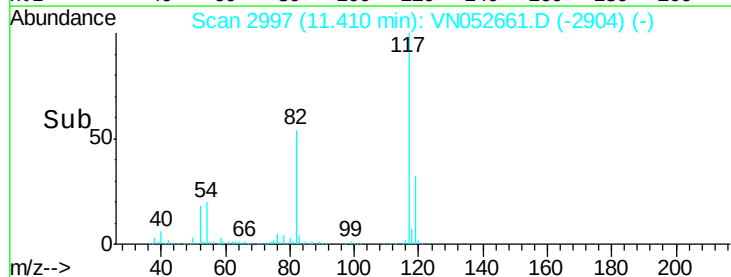
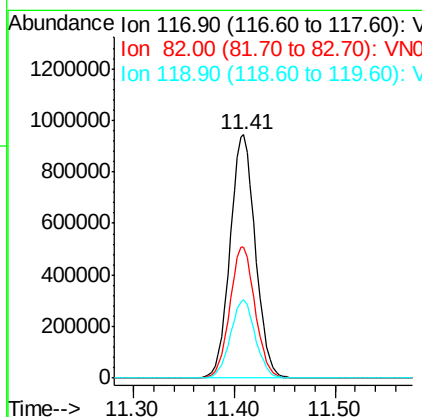
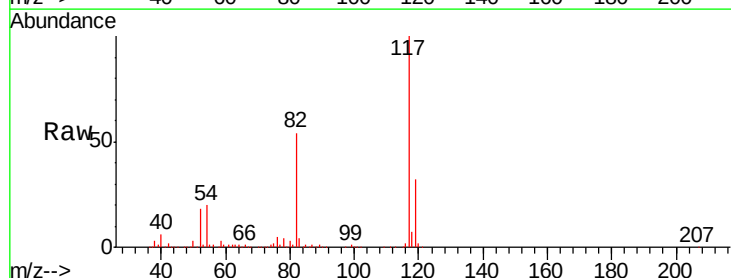
Instrument :
MSVOA_N
ClientSampleId :
SA-06-120318

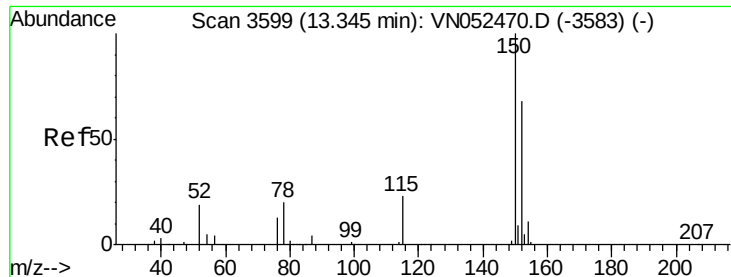
Tgt Ion: 95 Resp: 721825
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.0
176 85.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052661.D
Acq: 4 Dec 2018 18:14

Tgt Ion: 117 Resp: 1645452
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 32.1 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: VN052661.D

Acq: 4 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

SA-06-120318

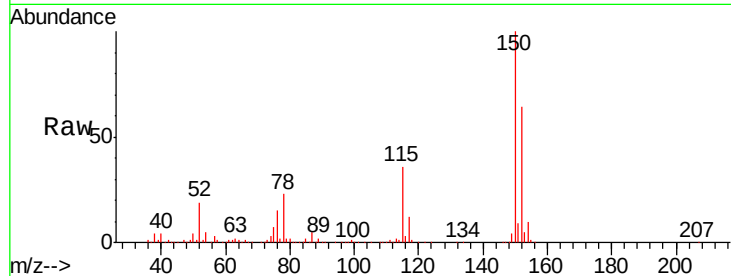
Tgt Ion:152 Resp: 640159

Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

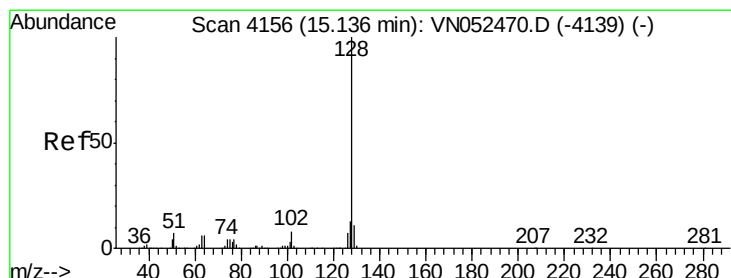
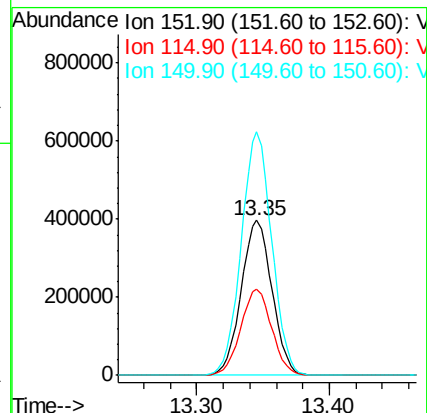
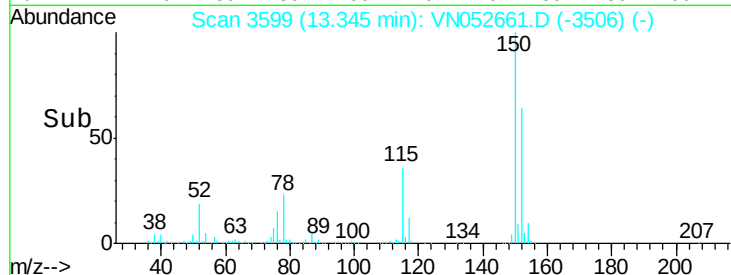
150 155.6 0.0 346.0



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: 3.983 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052661.D

Acq: 4 Dec 2018 18:14

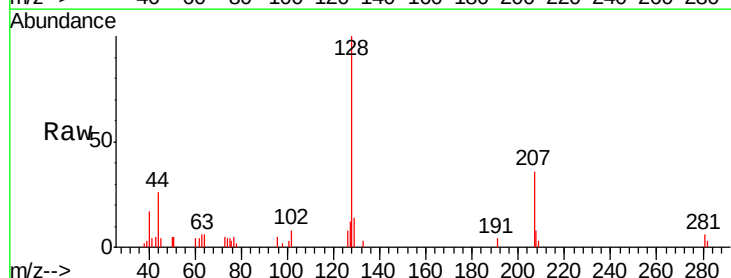
Tgt Ion:128 Resp: 14360

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 10.5 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

