

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112818\
 Data File : VN052528.D
 Acq On : 28 Nov 2018 19:01
 Operator : MD\SY
 Sample : J6050-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DTW-02

Quant Time: Nov 29 01:39:47 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

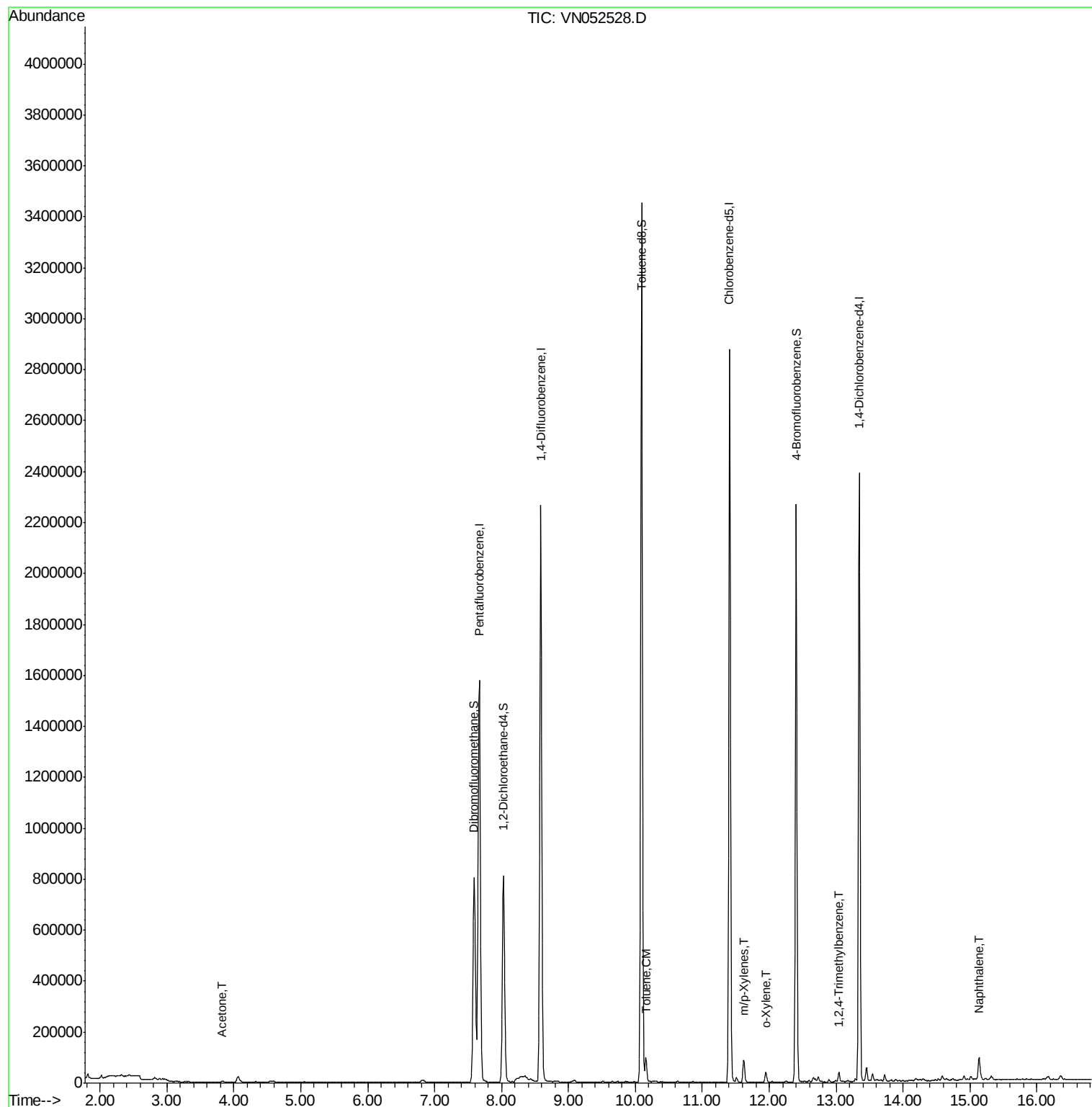
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1382010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2078092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1768705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	674040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	675839	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
35) Dibromofluoromethane	7.59	113	622351	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.09	98	2496146	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	775861	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
16) Acetone	3.83	43	6460	1.628	ug/l	86
52) Toluene	10.16	92	39963	1.150	ug/l	96
68) m/p-Xylenes	11.62	106	29314	1.233	ug/l	99
69) o-Xylene	11.95	106	10621	0.460	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	23901	0.565	ug/l	99
95) Naphthalene	15.14	128	76507	6.237	ug/l	98

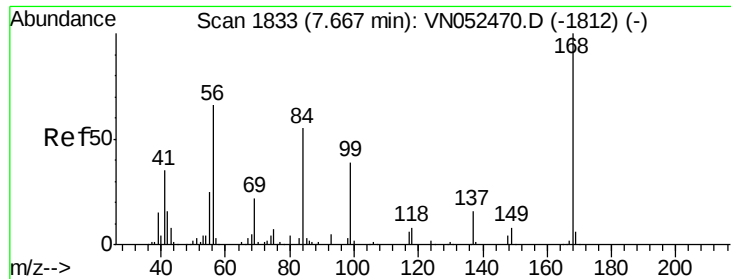
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052528.D

Acq: 28 Nov 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

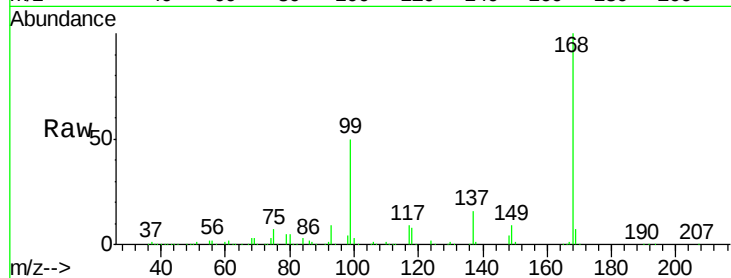
DTW-02

Tgt Ion:168 Resp: 1382010

Ion Ratio Lower Upper

168 100

99 50.3 41.7 62.5



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

Ion 98.90 (98.60 to 99.60): VN052470.D

7.67

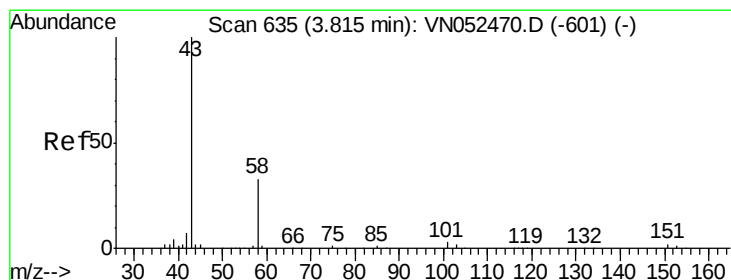
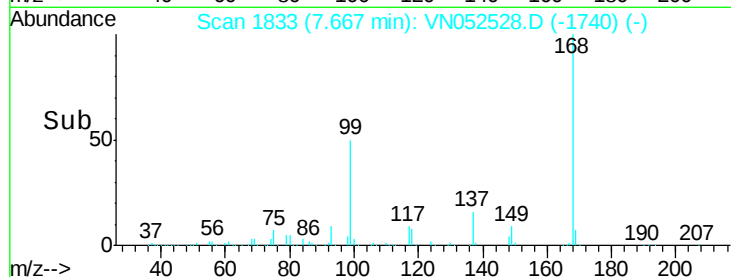
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 1.628 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052528.D

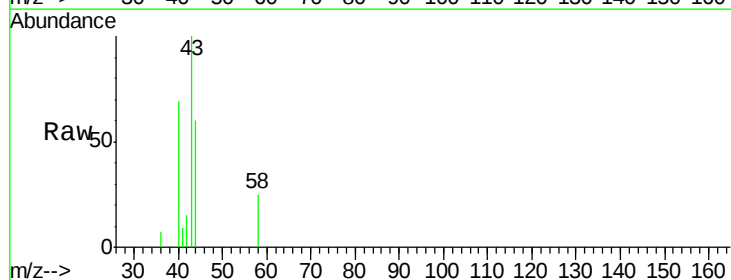
Acq: 28 Nov 2018 19:01

Tgt Ion: 43 Resp: 6460

Ion Ratio Lower Upper

43 100

58 24.8 26.0 39.0#



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

Ion 58.00 (57.70 to 58.70): VN052470.D

3.83

2500

2000

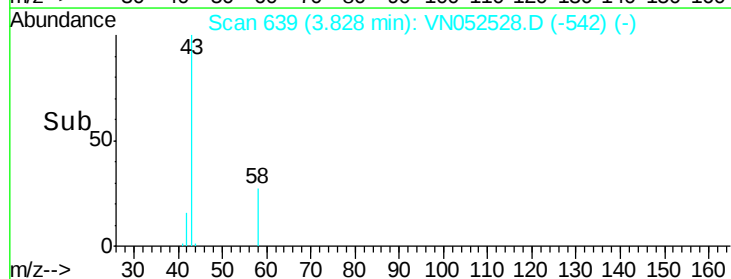
1500

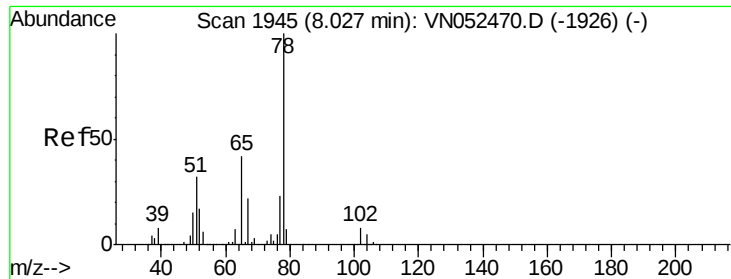
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

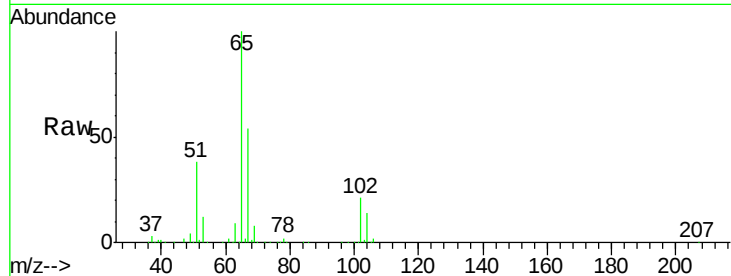
DTW-02

Tgt Ion: 65 Resp: 675839

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052528.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052528.D (-1852) (-)

8.03

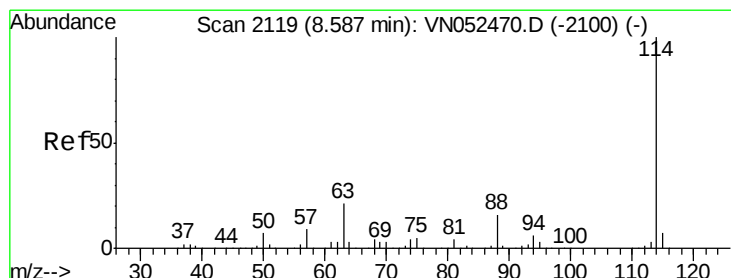
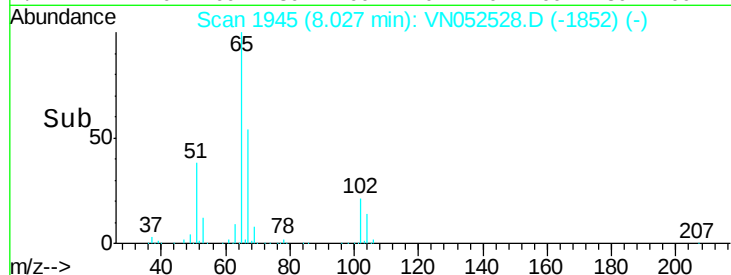
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

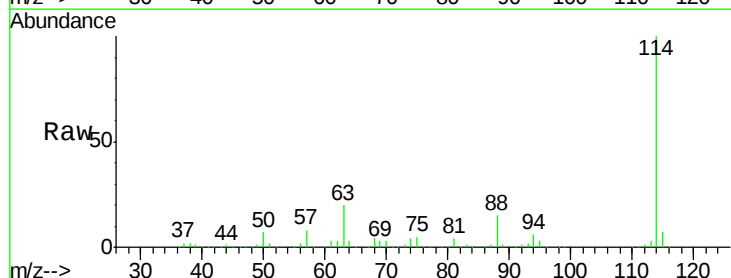
Tgt Ion: 114 Resp: 2078092

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN052528.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN052528.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN052528.D (-2026) (-)

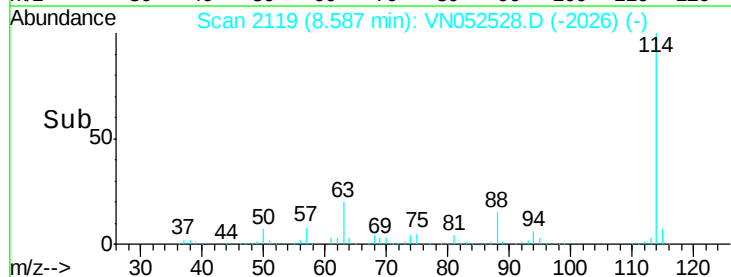
8.59

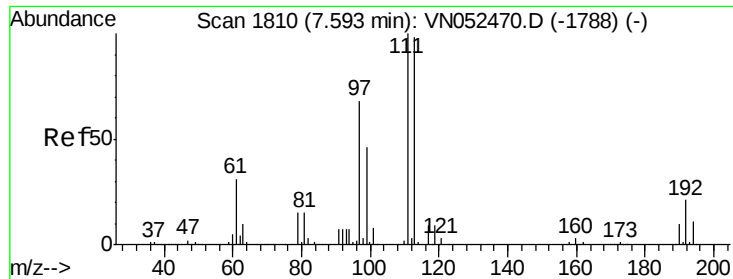
1000000

500000

0

Time-->

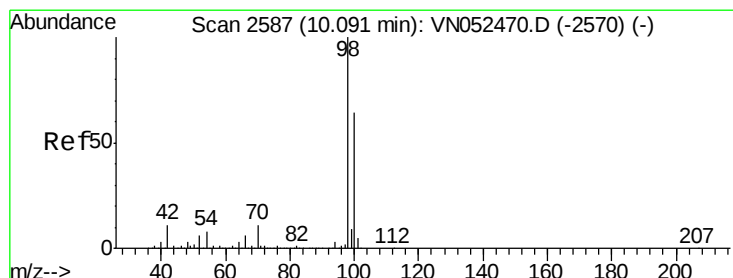
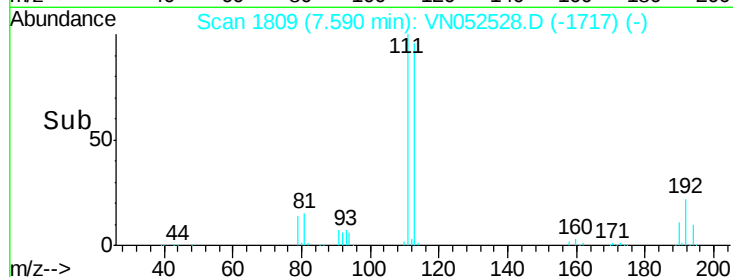
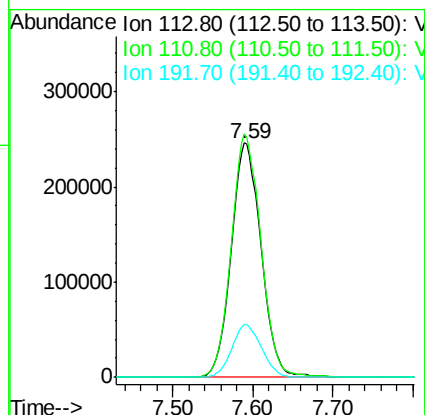
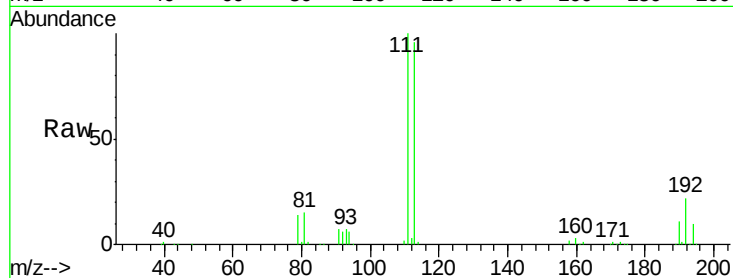




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052528.D
 Acq: 28 Nov 2018 19:01

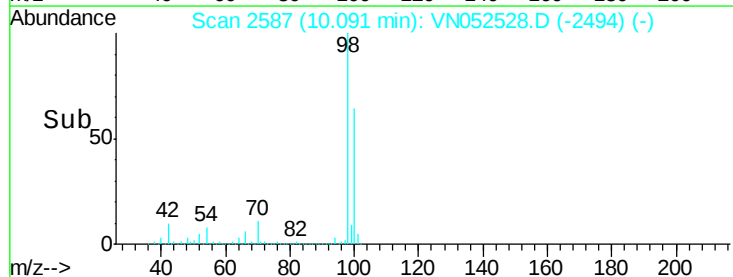
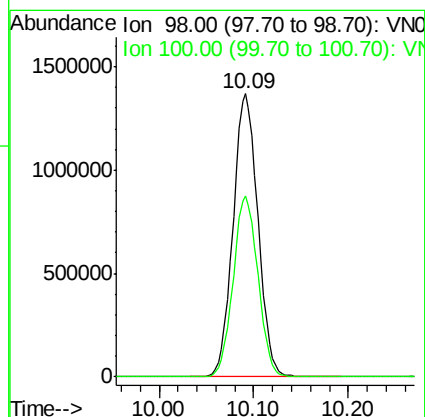
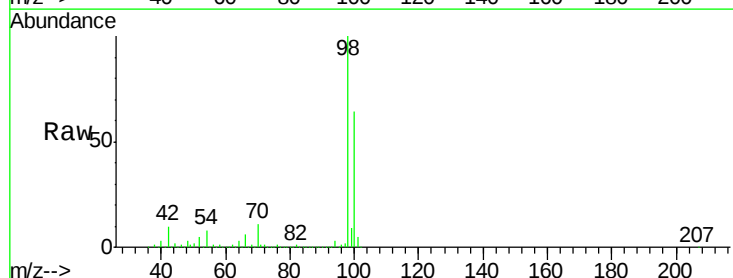
Instrument :
 MSVOA_N
 ClientSampleId :
 DTW-02

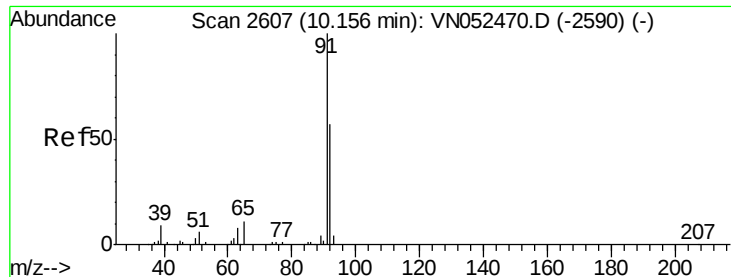
Tgt Ion: 113 Resp: 622351
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 22.5 17.0 25.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052528.D
 Acq: 28 Nov 2018 19:01

Tgt Ion: 98 Resp: 2496146
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.3 76.9





#52

Toluene

Concen: 1.150 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

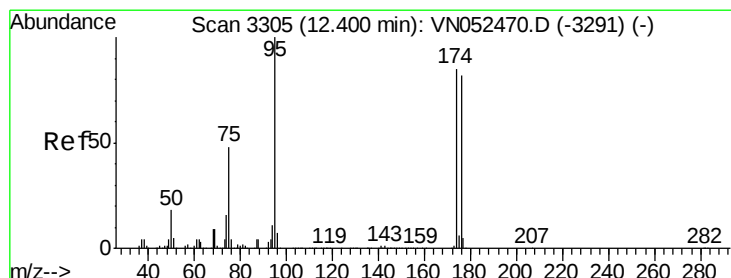
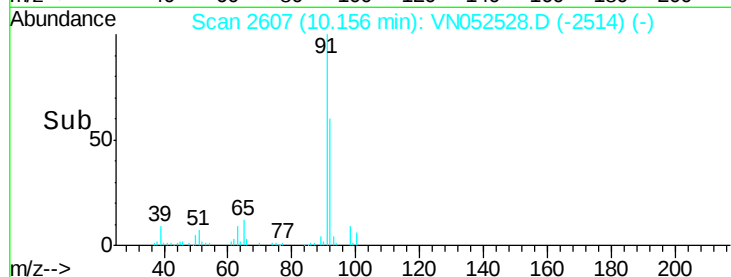
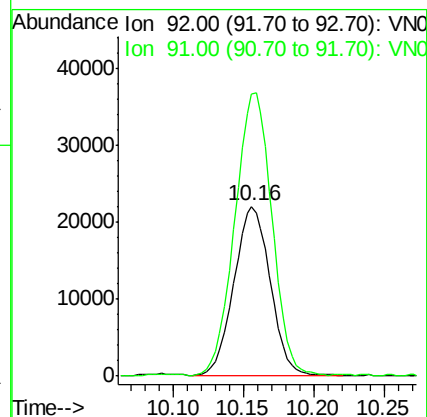
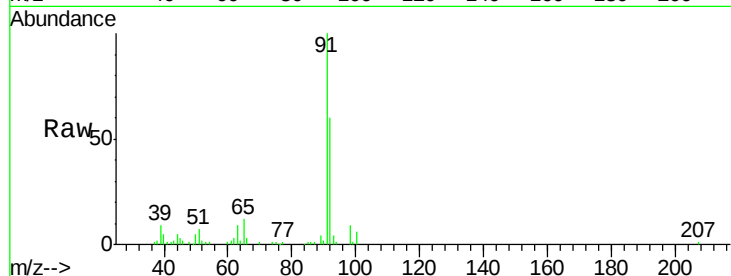
DTW-02

Tgt Ion: 92 Resp: 39963

Ion Ratio Lower Upper

92 100

91 170.4 141.0 211.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

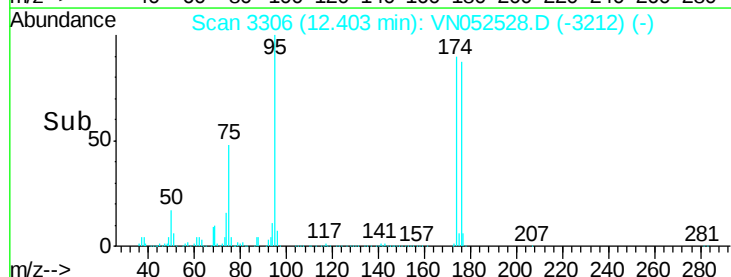
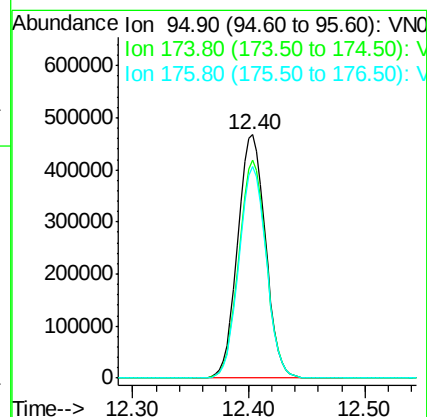
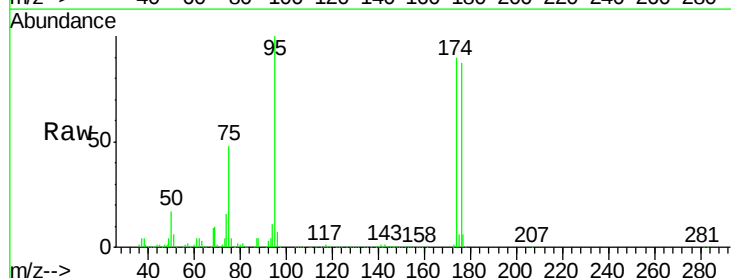
Tgt Ion: 95 Resp: 775861

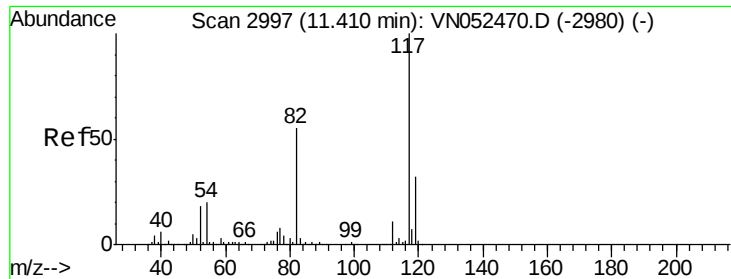
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 85.5 0.0 166.2

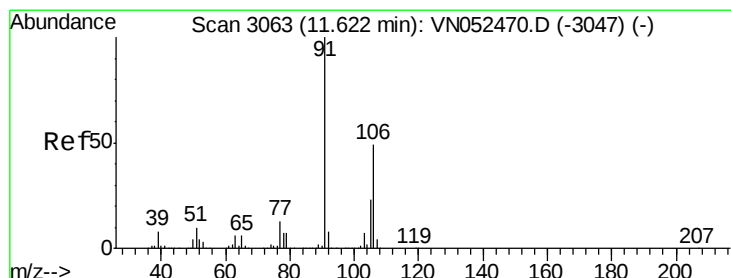
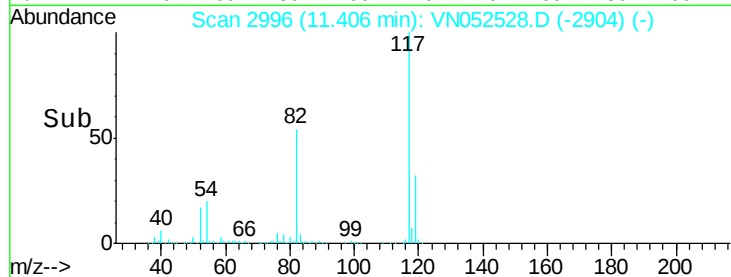
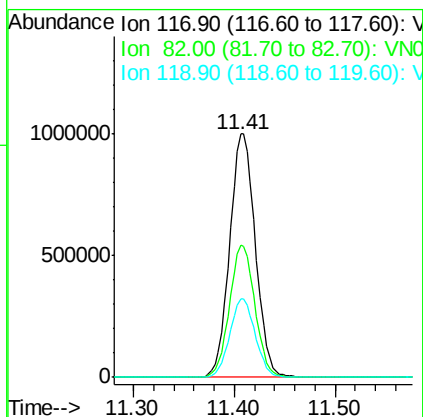
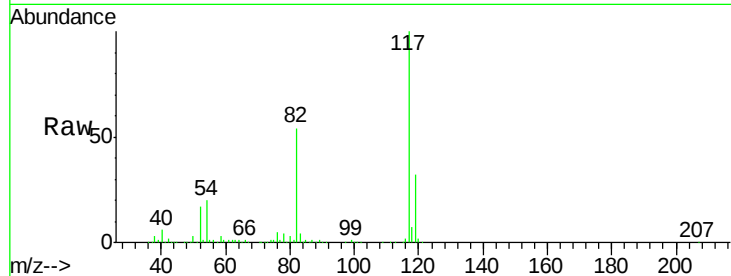




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052528.D
Acq: 28 Nov 2018 19:01

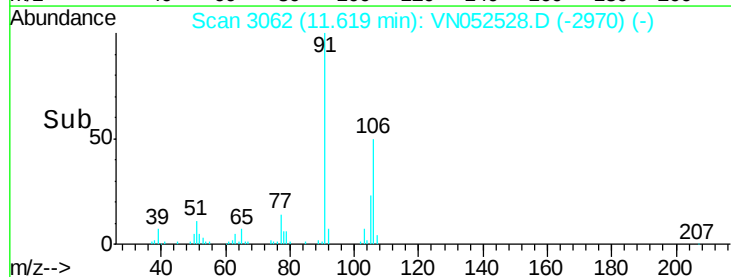
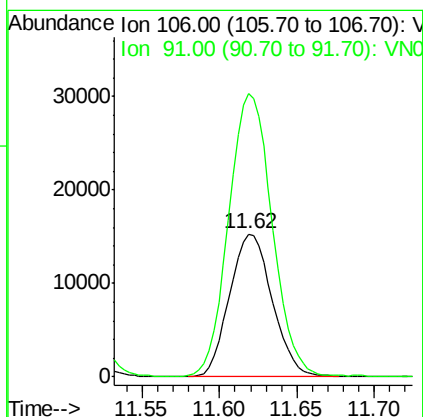
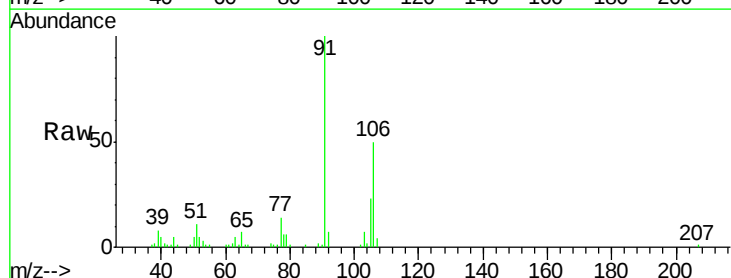
Instrument :
MSVOA_N
ClientSampled :
DTW-02

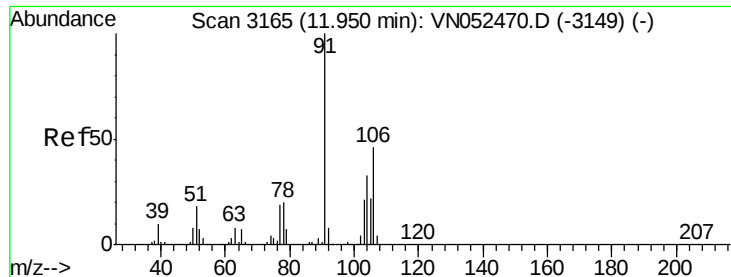
Tgt Ion:117 Resp: 1768705
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 1.233 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052528.D
Acq: 28 Nov 2018 19:01

Tgt Ion:106 Resp: 29314
Ion Ratio Lower Upper
106 100
91 201.9 163.2 244.8

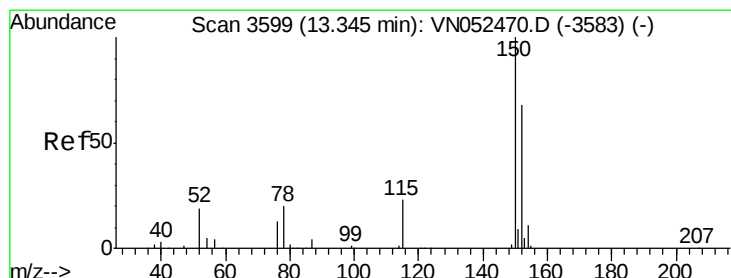
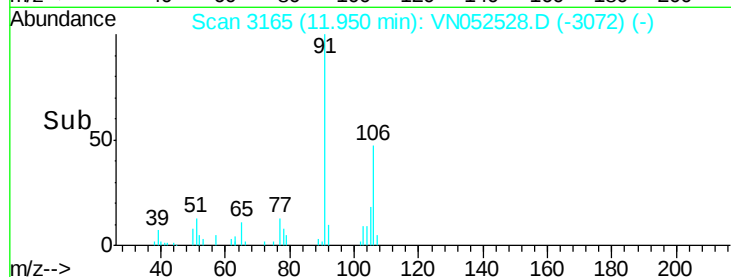
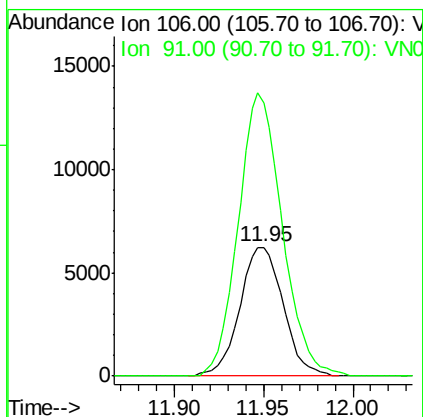
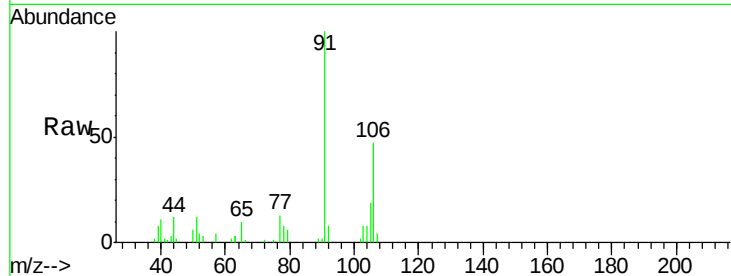




#69
o-Xylene
Concen: 0.460 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052528.D
Acq: 28 Nov 2018 19:01

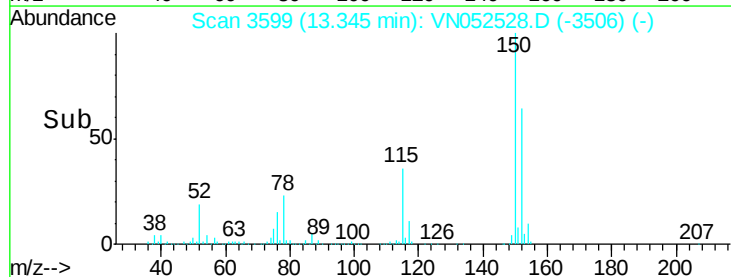
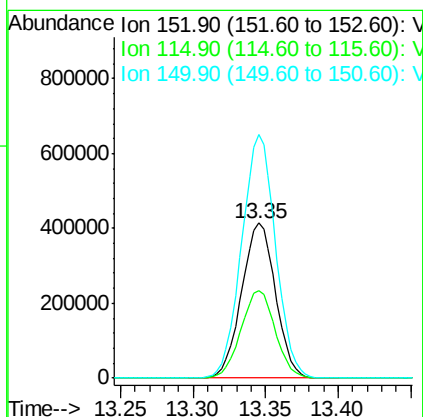
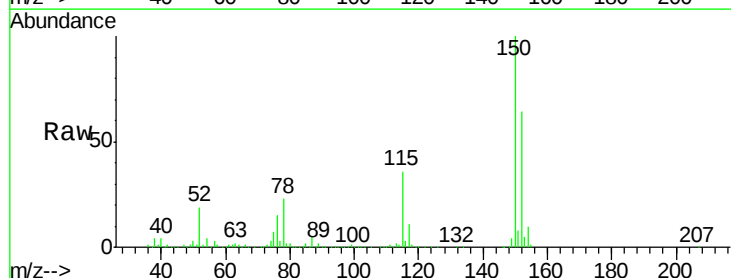
Instrument :
MSVOA_N
ClientSampled :
DTW-02

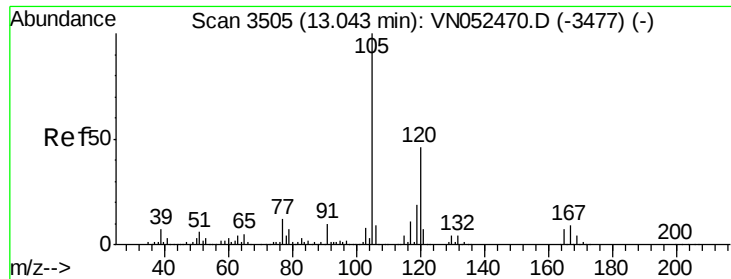
Tgt Ion:106 Resp: 10621
Ion Ratio Lower Upper
106 100
91 222.2 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052528.D
Acq: 28 Nov 2018 19:01

Tgt Ion:152 Resp: 674040
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 157.1 0.0 346.0





#84

1,2,4-Trimethylbenzene

Concen: 0.565 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

Instrument :

MSVOA_N

ClientSampleId :

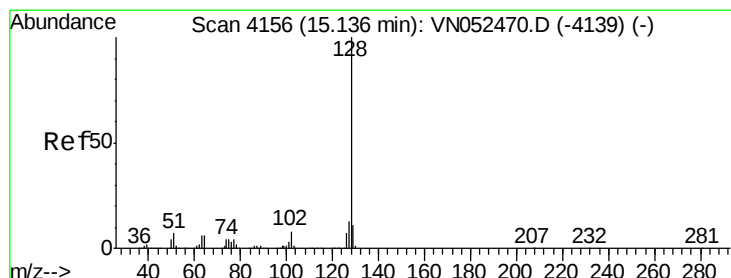
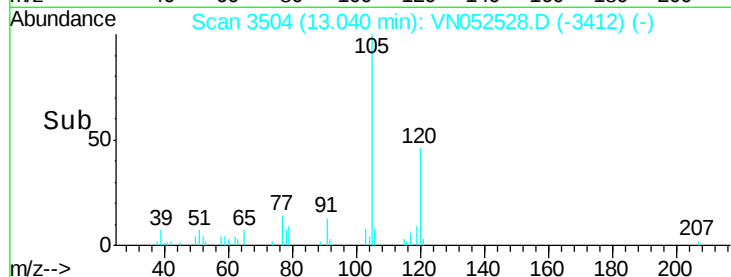
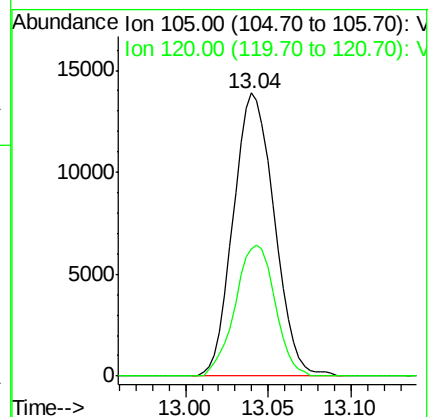
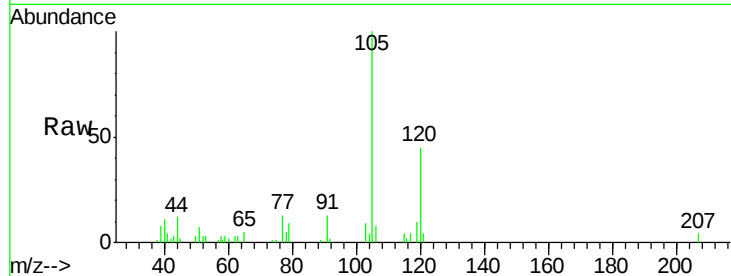
DTW-02

Tgt Ion:105 Resp: 23901

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.4



#95

Naphthalene

Concen: 6.237 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052528.D

Acq: 28 Nov 2018 19:01

Tgt Ion:128 Resp: 76507

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.0 8.7 13.1

