

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049552.D
 Acq On : 26 Jun 2018 15:05
 Operator : MD\SY
 Sample : J3241-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-062218-A

Quant Time: Jun 27 01:24:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1341165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2134257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1785936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	789203	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	860562	48.38	ug/l	0.00
Spiked Amount						
			Recovery	=	96.76%	
35) Dibromofluoromethane	7.59	113	774032	44.83	ug/l	0.00
Spiked Amount						
			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	2897235	44.07	ug/l	0.00
Spiked Amount						
			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.40	95	889054	40.90	ug/l	0.00
Spiked Amount						
			Recovery	=	81.80%	

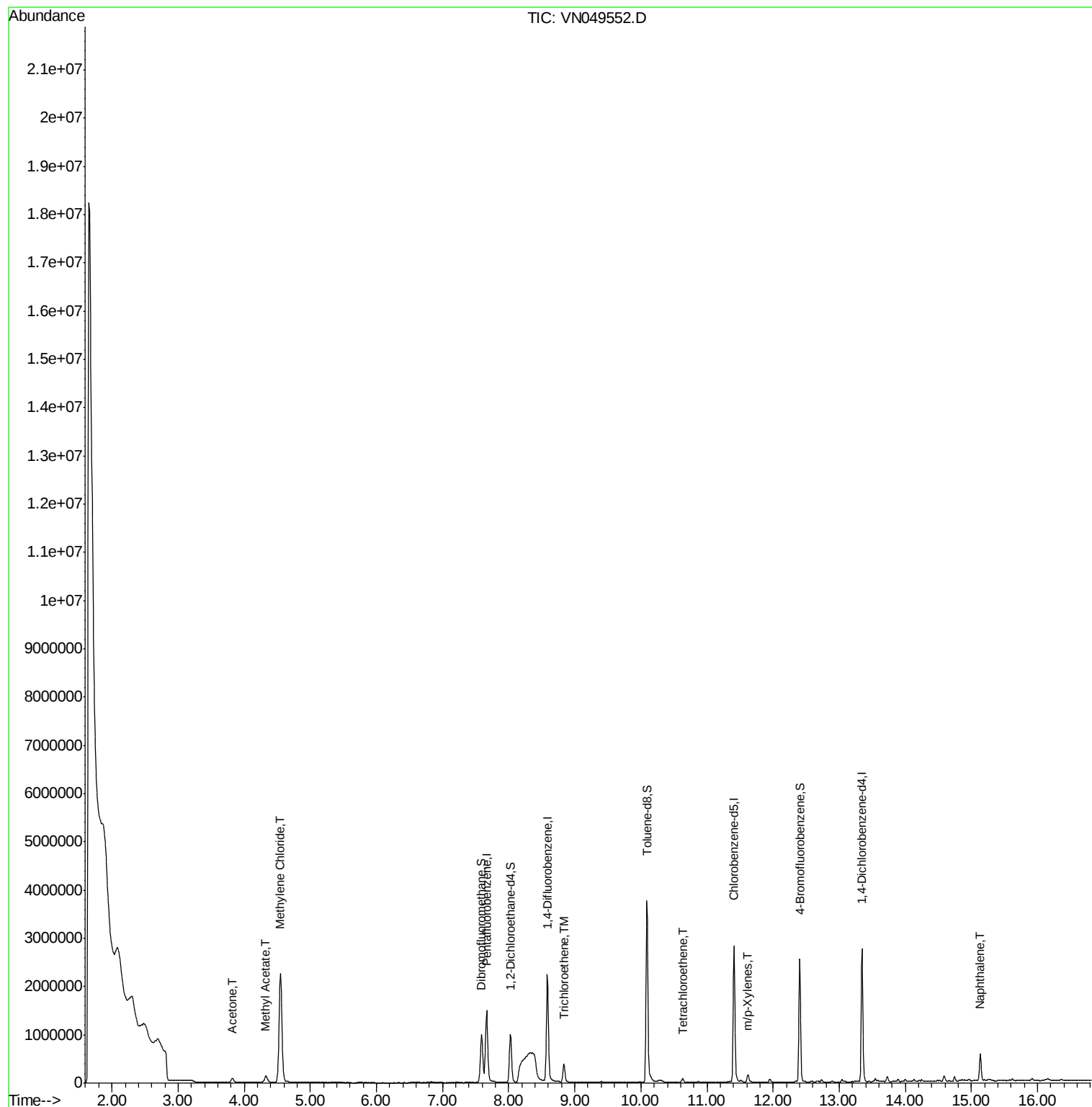
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	170145	39.39	ug/l	95
18) Methyl Acetate	4.33	43	253283	19.23	ug/l	95
20) Methylene Chloride	4.55	84	1740619	96.49	ug/l	91
44) Trichloroethene	8.84	130	153205	7.74	ug/l	92
64) Tetrachloroethene	10.63	164	18539	1.01	ug/l	98
68) m/p-Xylenes	11.62	106	49576	1.73	ug/l	90
95) Naphthalene	15.13	128	492991	23.27	ug/l	100

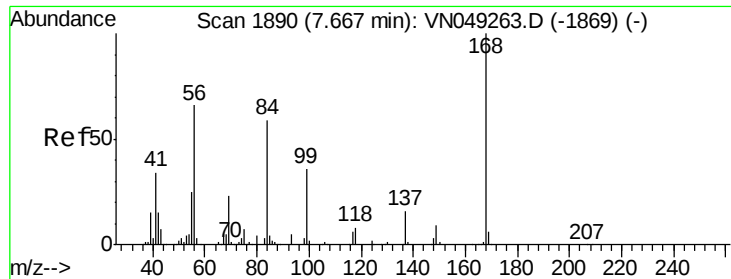
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

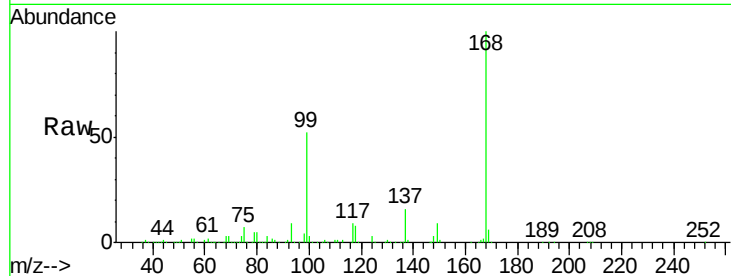
HR-06-062218-A

Tot Ion:168 Resp: 1341165

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

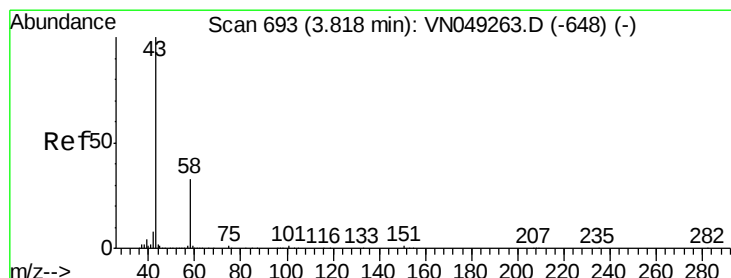
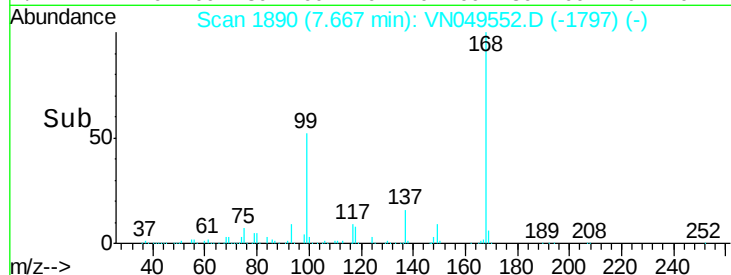
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 39.39 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049552.D

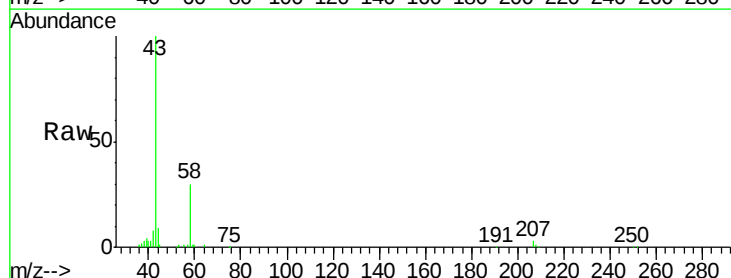
Acq: 26 Jun 2018 15:05

Tgt Ion: 43 Resp: 170145

Ion Ratio Lower Upper

43 100

58 30.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

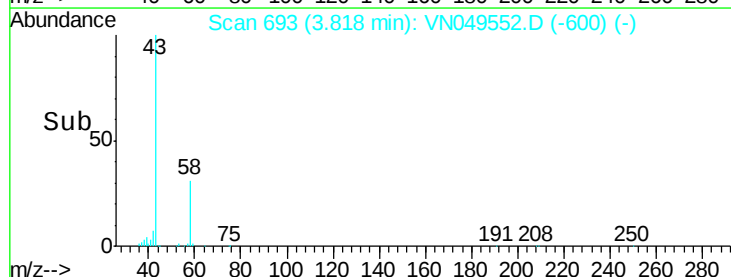
60000

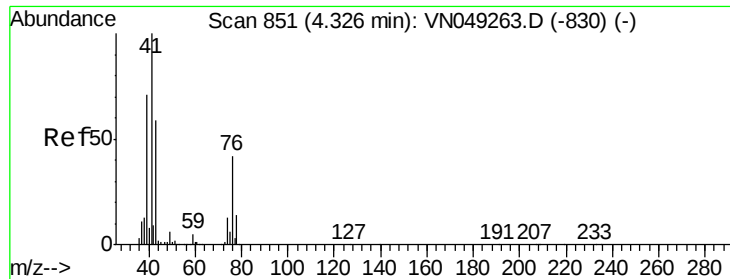
40000

20000

0

Time-->

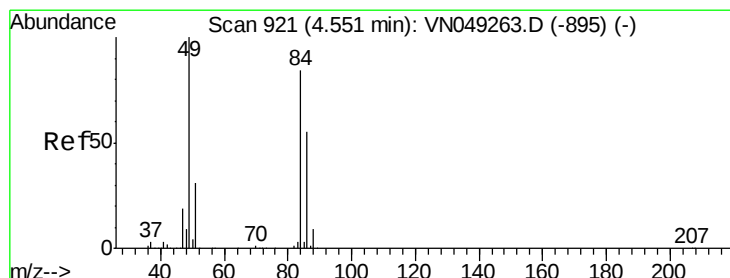
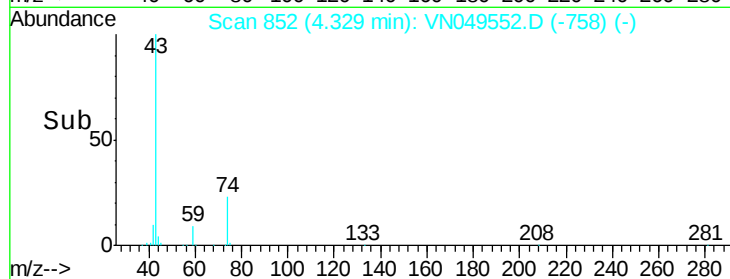
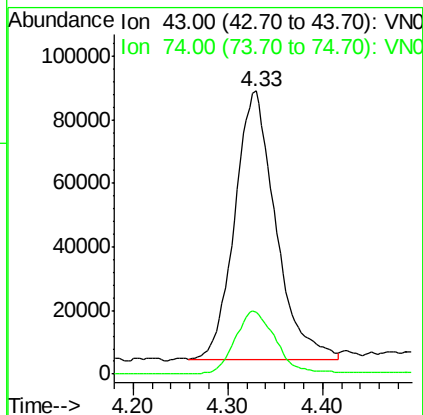
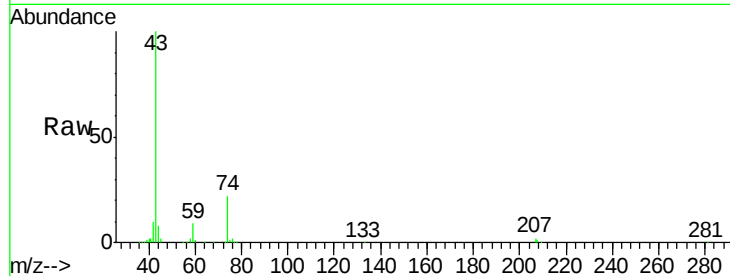




#18
Methvl Acetate
Concen: 19.23 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

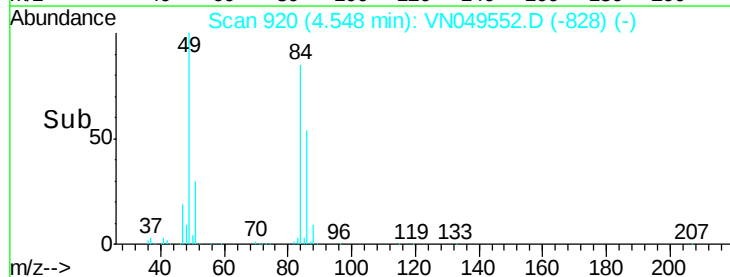
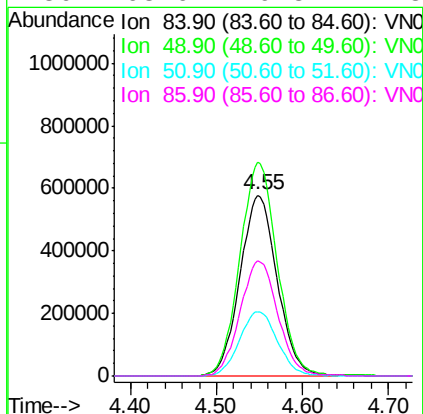
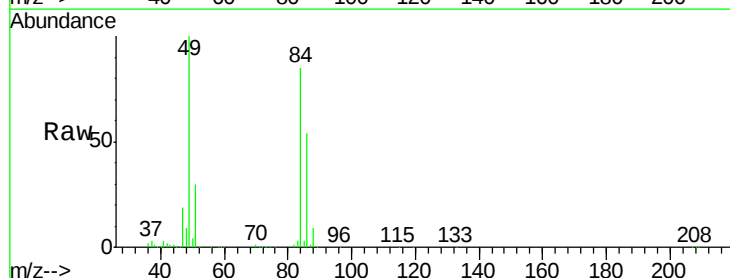
Instrument :
MSVOA_N
ClientSampleId :
HR-06-062218-A

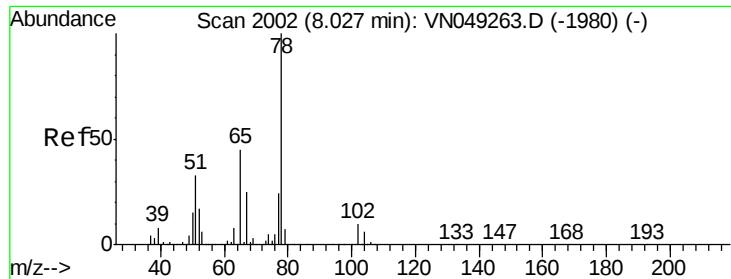
Tot Ion: 43 Resp: 253283
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 96.49 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion: 84 Resp: 1740619
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 35.6 32.7 49.1
86 63.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 48.38 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

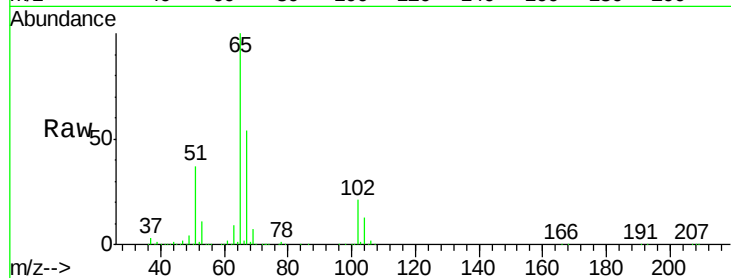
HR-06-062218-A

Tot Ion: 65 Resp: 860562

Ion Ratio Lower Upper

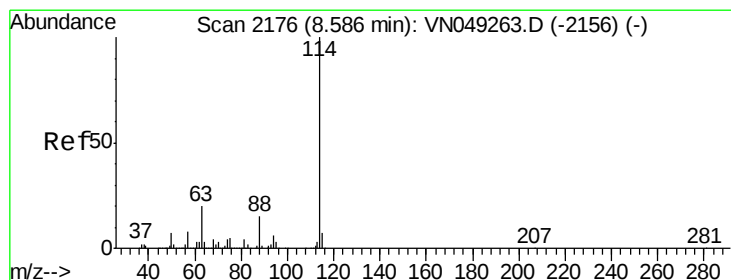
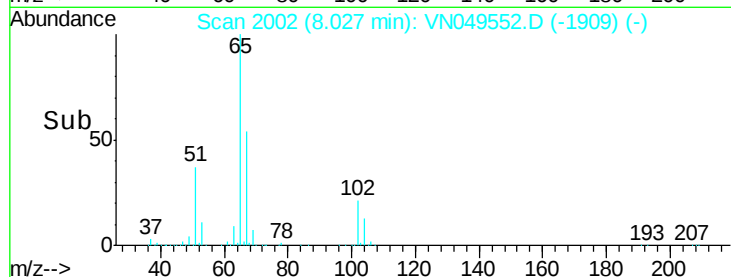
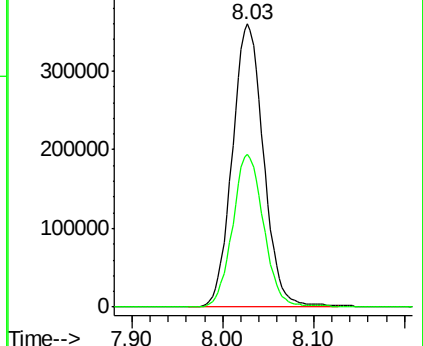
65 100

67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049552.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049552.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

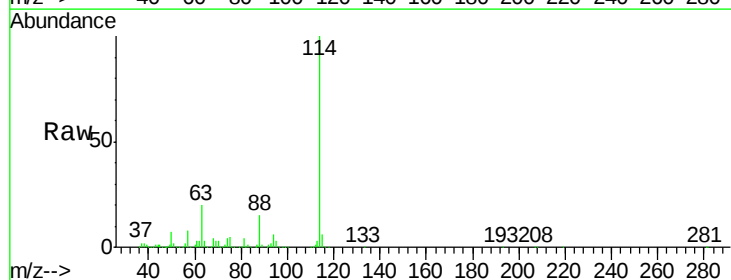
Tgt Ion: 114 Resp: 2134257

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

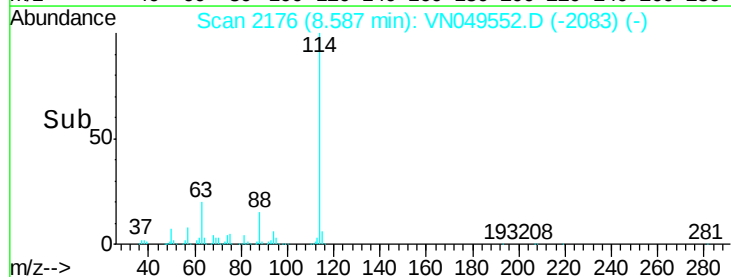
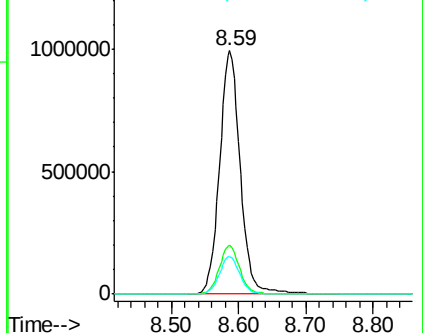
88 15.5 0.0 31.4

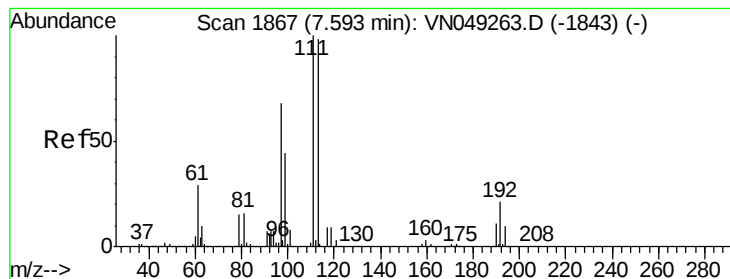


Abundance Ion 113.90 (113.60 to 114.60): VN049552.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049552.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049552.D (-2083) (-)





#35

Dibromofluoromethane

Concen: 44.83 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

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ClientSampleId :

HR-06-062218-A

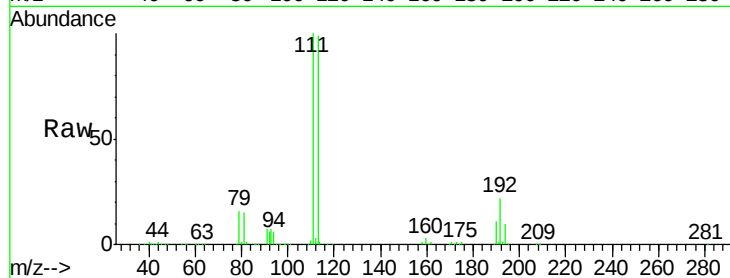
Tot Ion:113 Resp: 774032

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

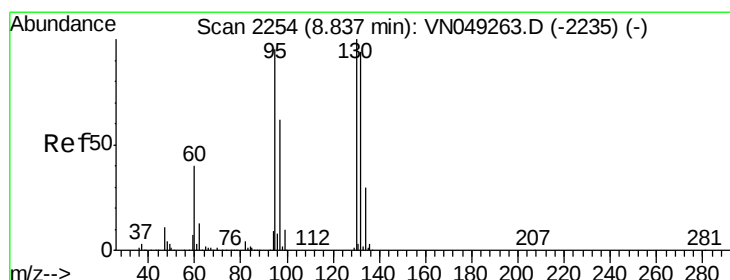
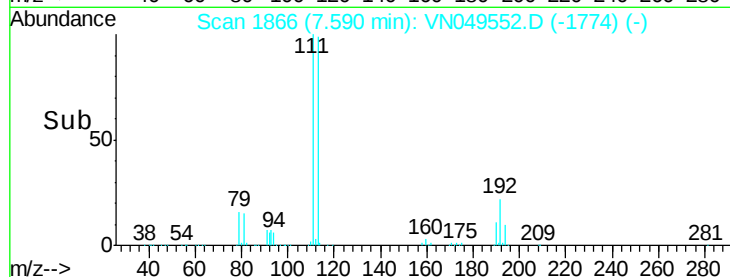
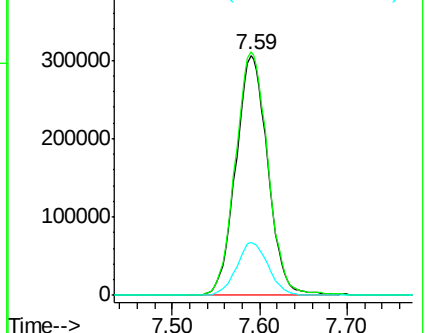
192 22.0 15.0 22.6



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



#44

Trichloroethene

Concen: 7.74 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049552.D

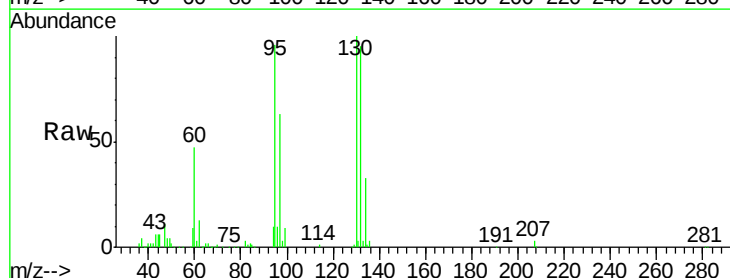
Acq: 26 Jun 2018 15:05

Tgt Ion:130 Resp: 153205

Ion Ratio Lower Upper

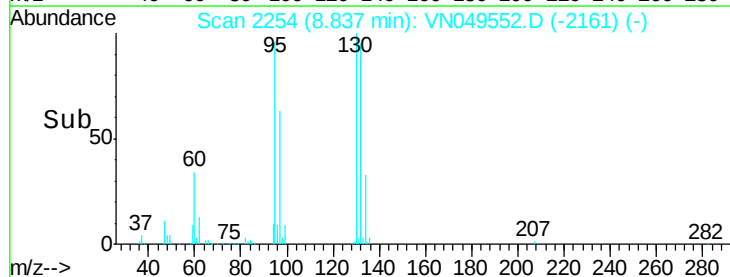
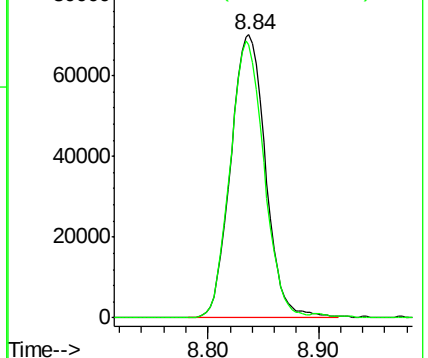
130 100

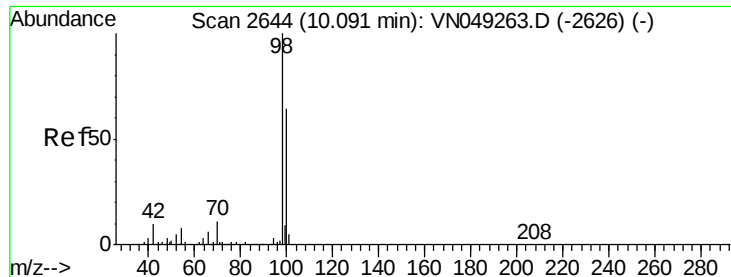
95 96.4 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 44.07 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

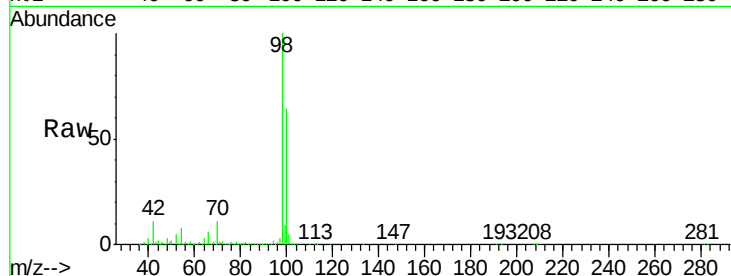
HR-06-062218-A

Tot Ion: 98 Resp: 2897235

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049552.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049552.D (-2551) (-)

10.09

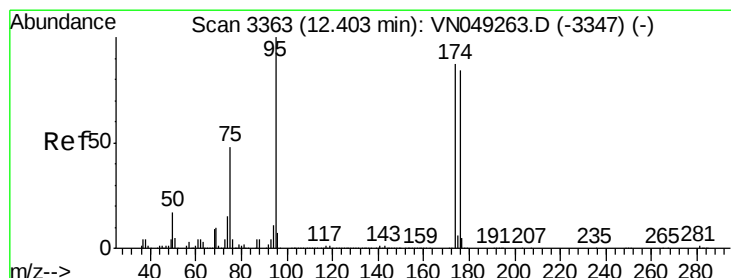
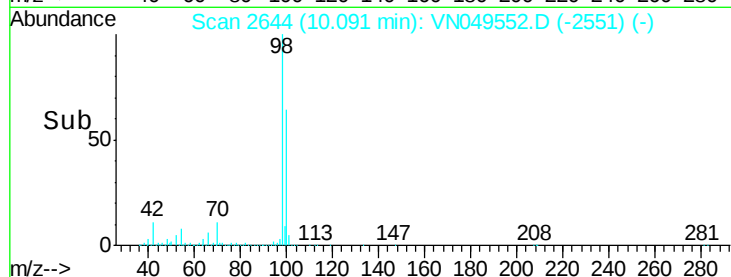
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

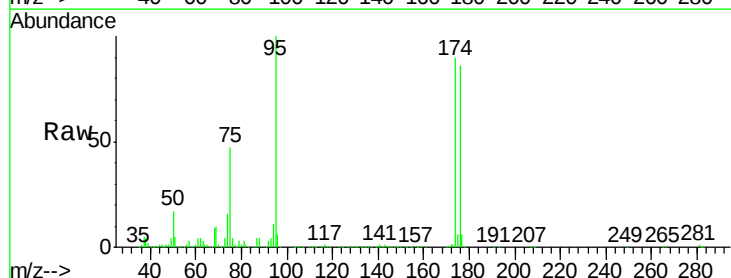
Tgt Ion: 95 Resp: 889054

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 85.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049552.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049552.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049552.D (-3270) (-)

12.40

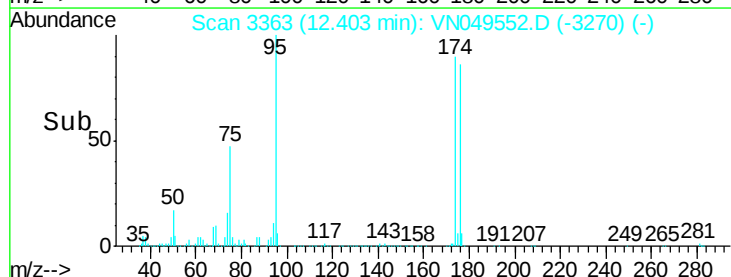
600000

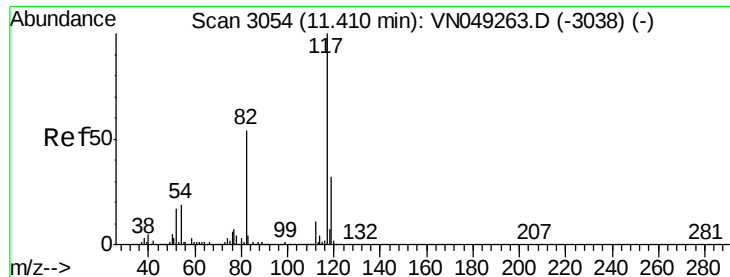
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

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ClientSampleId :

HR-06-062218-A

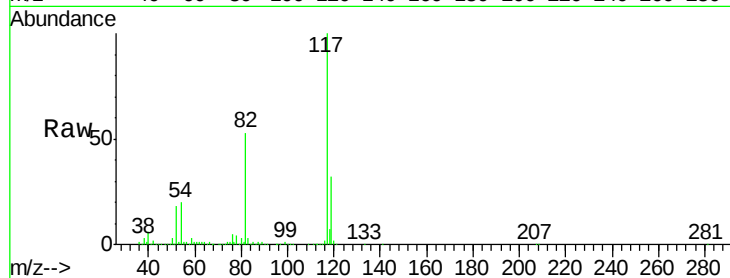
Tot Ion:117 Resp: 1785936

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

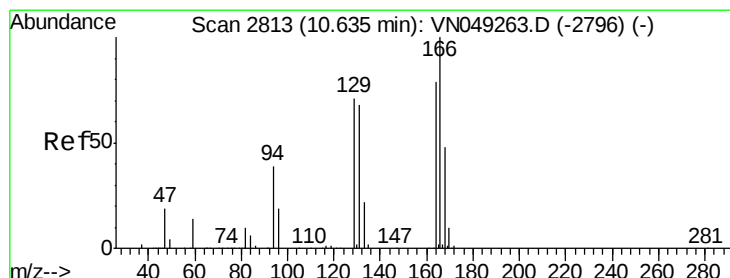
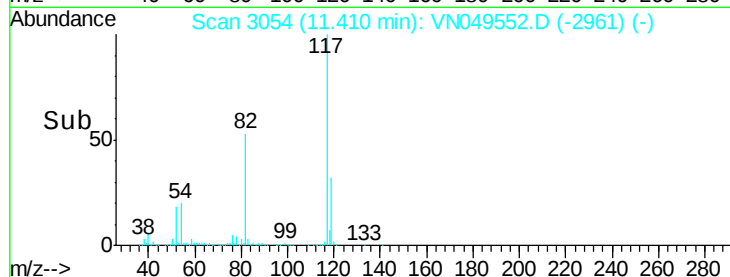
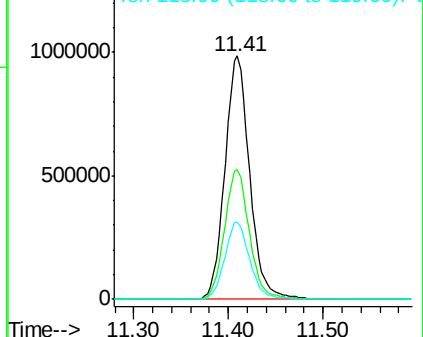
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.01 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Tgt Ion:164 Resp: 18539

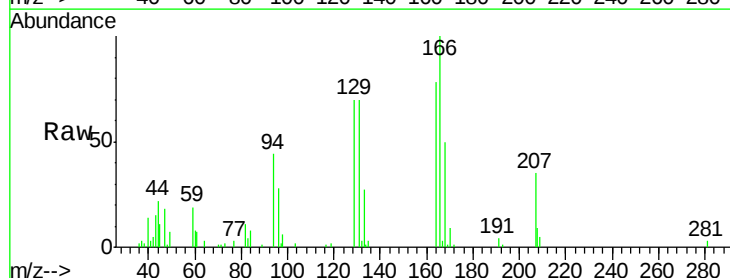
Ion Ratio Lower Upper

164 100

166 128.3 101.4 152.2

129 89.9 74.1 111.1

131 90.0 73.7 110.5

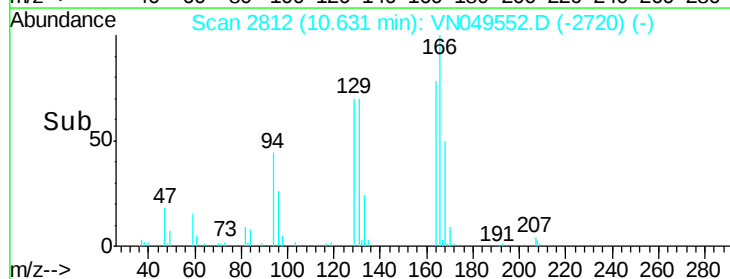
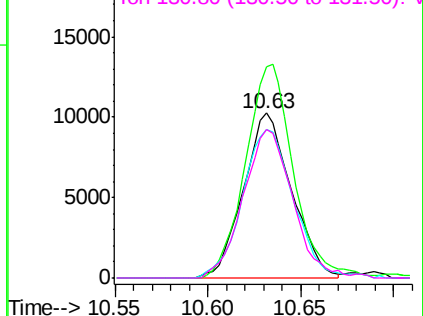


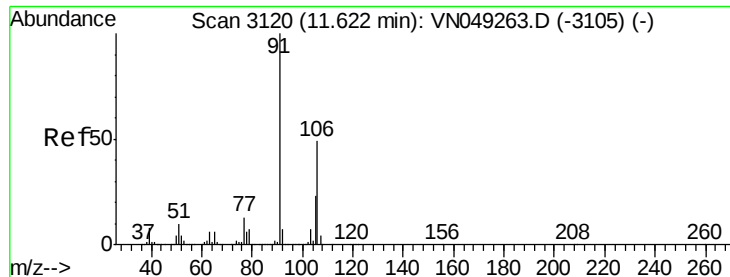
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

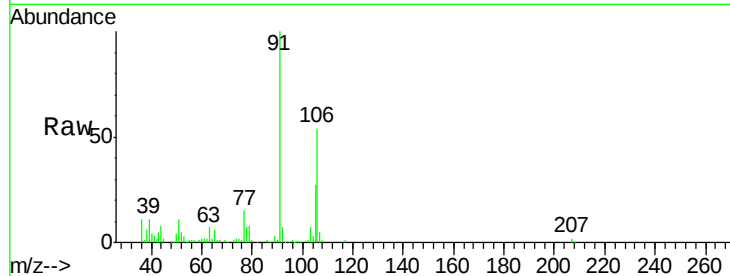




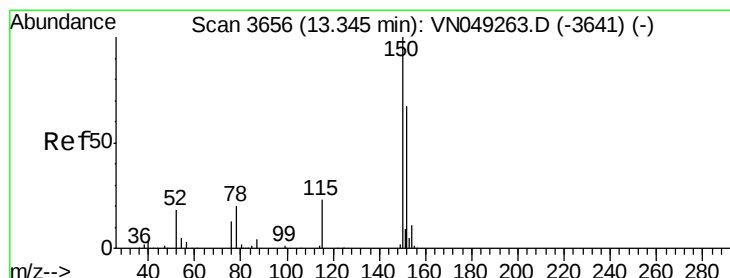
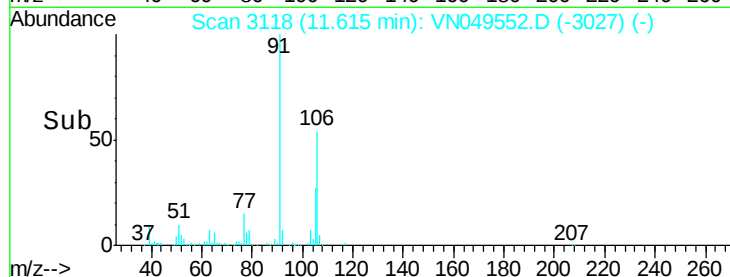
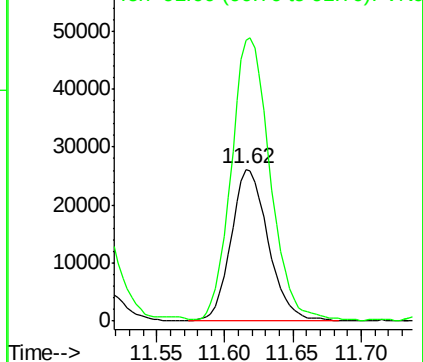
#68
m/p-Xvlenes
Concen: 1.73 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
HR-06-062218-A

Tot Ion:106 Resp: 49576
Ion Ratio Lower Upper
106 100
91 193.1 167.3 250.9

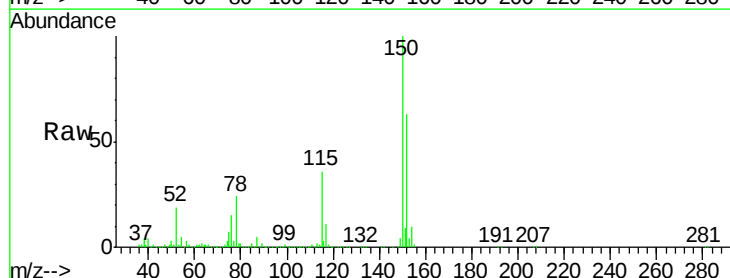


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

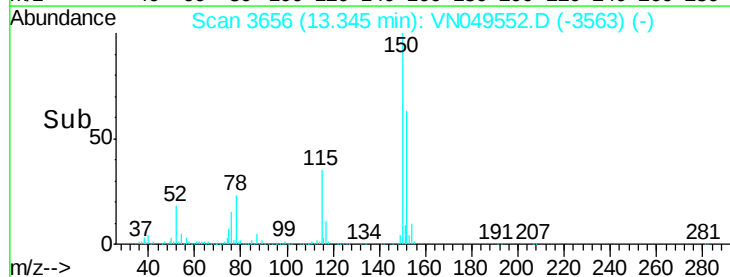
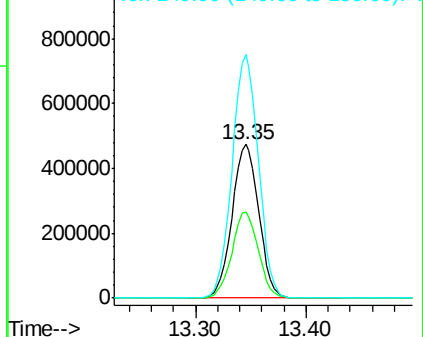


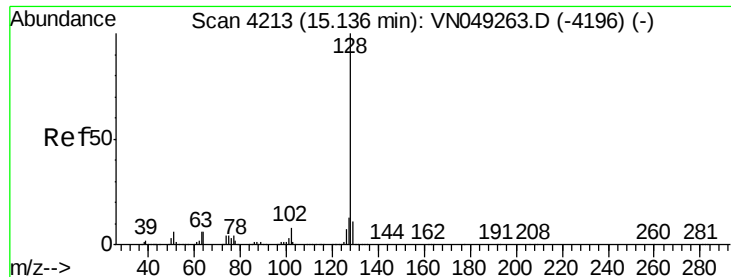
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion:152 Resp: 789203
Ion Ratio Lower Upper
152 100
115 55.5 28.7 86.1
150 157.1 0.0 351.0



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

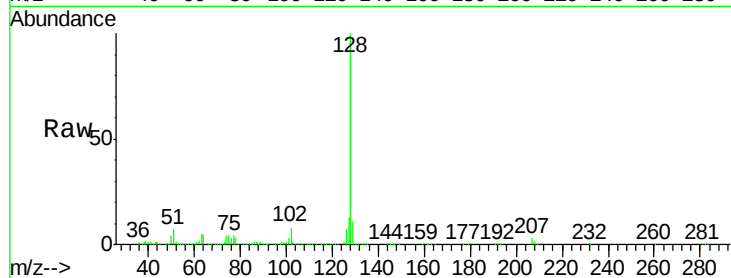




#95
Naphthalene
Concen: 23.27 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
HR-06-062218-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.5	12.7



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

