

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050352.D
 Acq On : 4 Aug 2018 8:22
 Operator : MD\SY
 Sample : J4323-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 06 01:06:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	381695	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	445294	50.66	ug/l	0.00
Spiked Amount						
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	388757	45.39	ug/l	0.00
Spiked Amount						
			Recovery	=	90.78%	
50) Toluene-d8	10.09	98	1440722	45.76	ug/l	0.00
Spiked Amount						
			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.40	95	422492	40.75	ug/l	0.00
Spiked Amount						
			Recovery	=	81.50%	

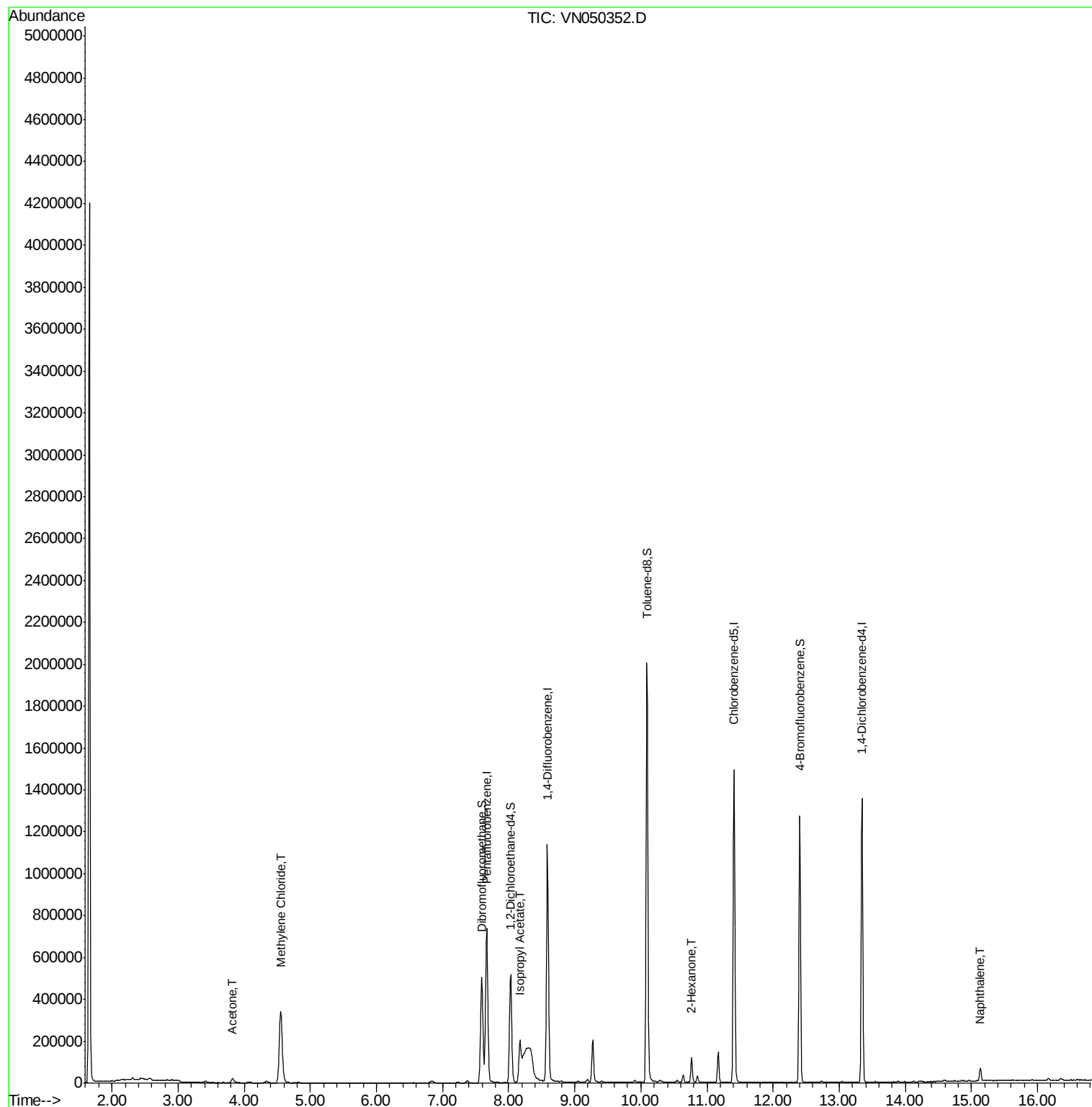
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	33718	12.16	ug/l	96
20) Methylene Chloride	4.55	84	276425	35.10	ug/l	98
43) Isopropyl Acetate	8.17	43	254774	15.63	ug/l #	92
59) 2-Hexanone	10.77	43	16069	7.82	ug/l #	60
95) Naphthalene	15.14	128	54759	7.28	ug/l	99

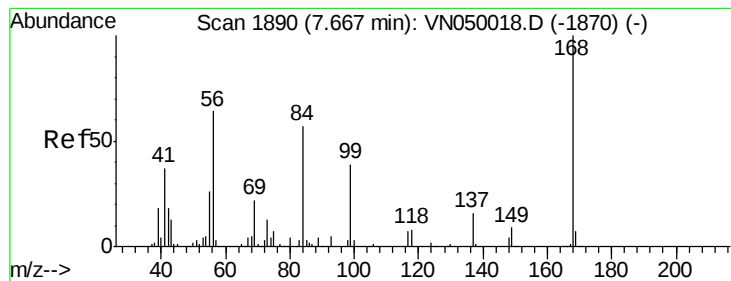
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

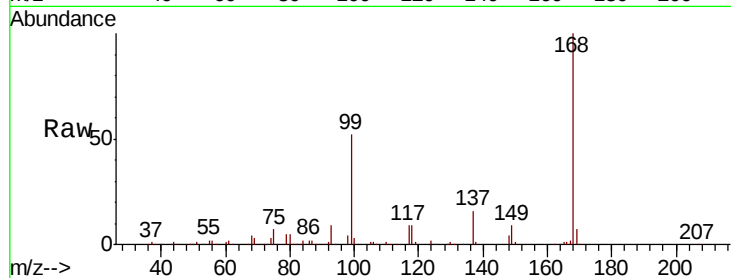
ES-RO-276

Tot Ion:168 Resp: 629950

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

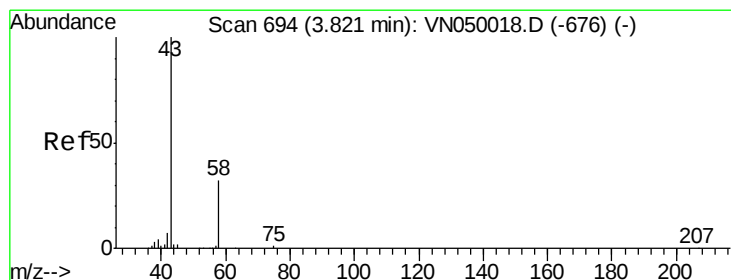
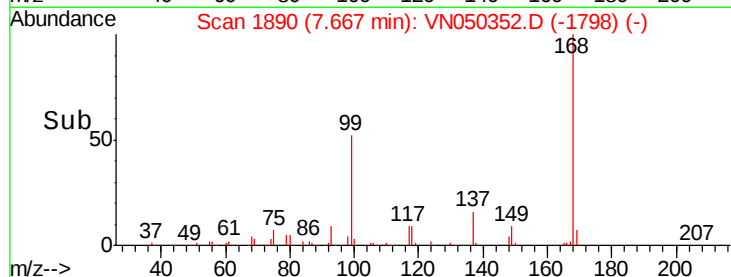
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.16 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050352.D

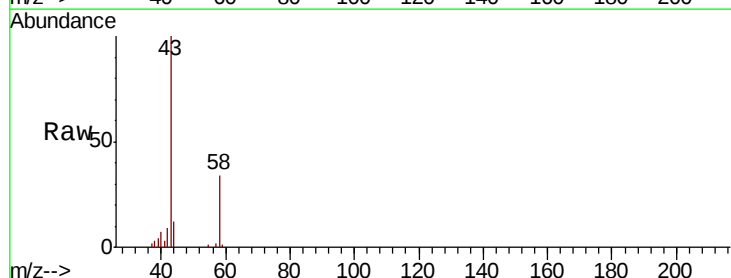
Acq: 4 Aug 2018 8:22

Tgt Ion: 43 Resp: 33718

Ion Ratio Lower Upper

43 100

58 34.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

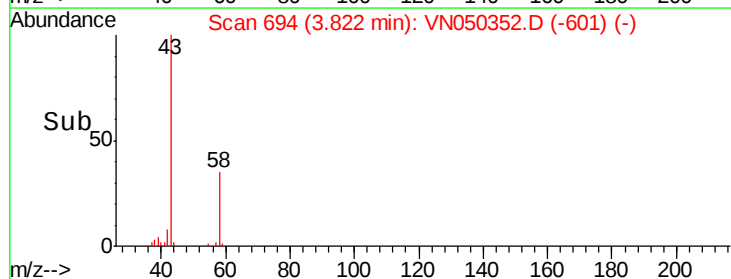
3.82

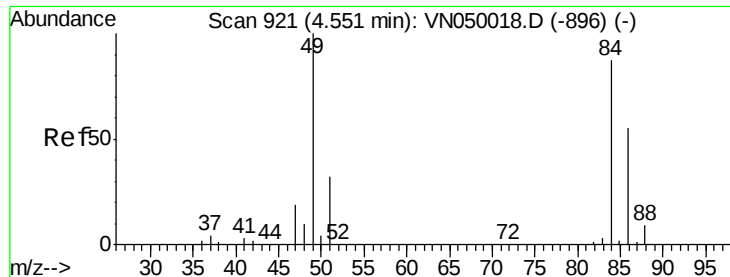
10000

5000

0

Time-->

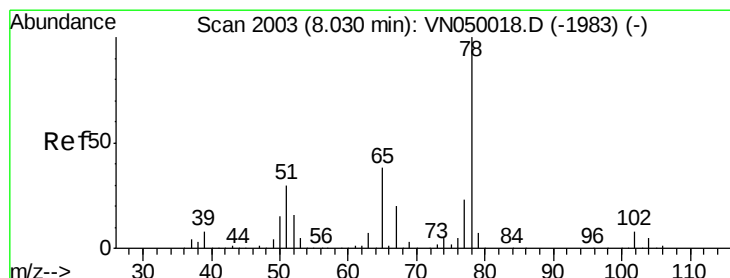
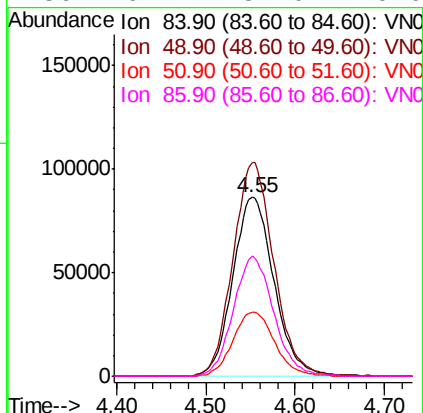
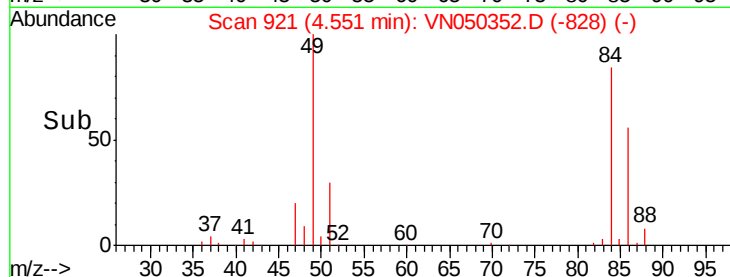
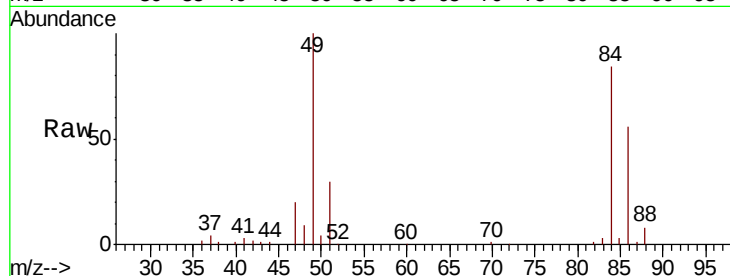




#20
Methylene Chloride
Concen: 35.10 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

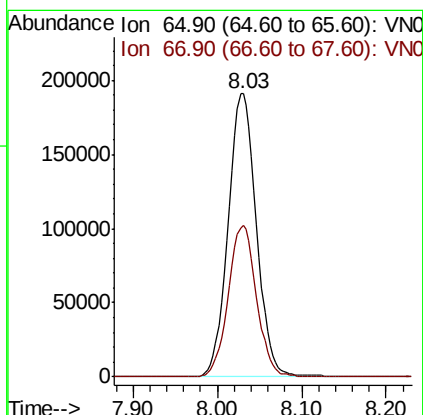
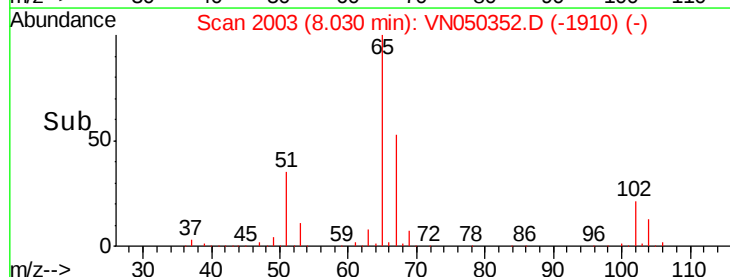
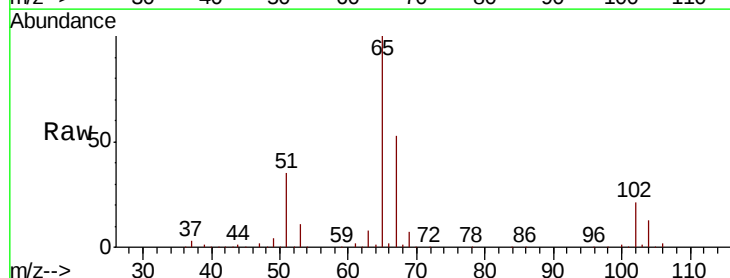
Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

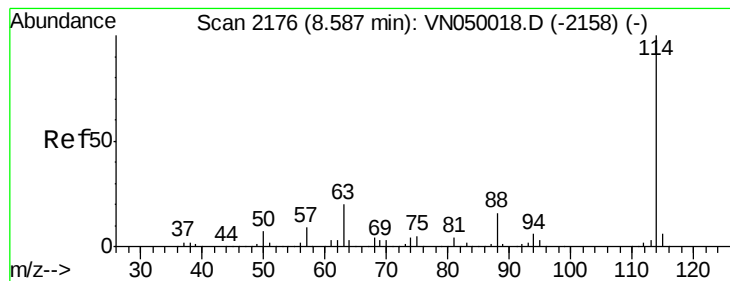
Tot Ion: 84 Resp: 276425
Ion Ratio Lower Upper
84 100
49 119.6 94.8 142.2
51 35.9 28.3 42.5
86 67.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion: 65 Resp: 445294
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

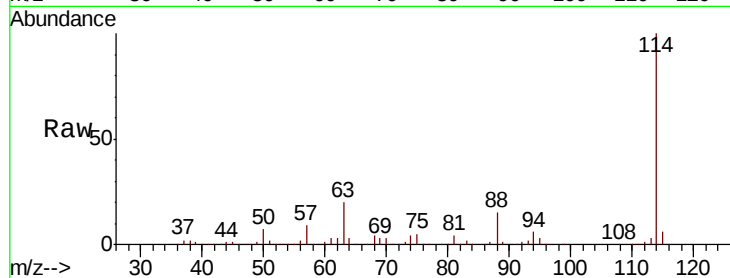
Tot Ion:114 Resp: 1048938

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

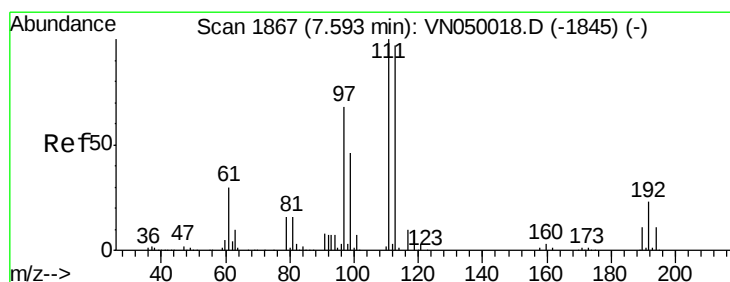
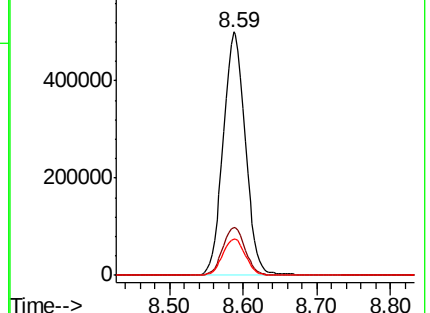
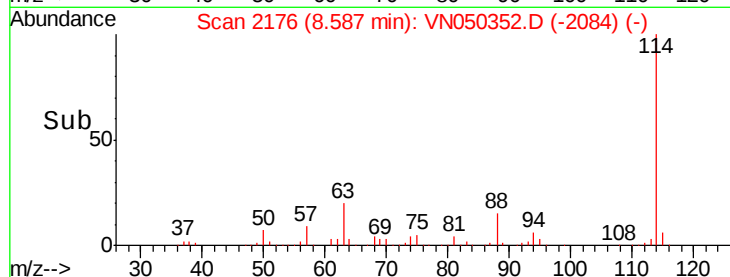
88 15.1 0.0 31.2



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: 45.39 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

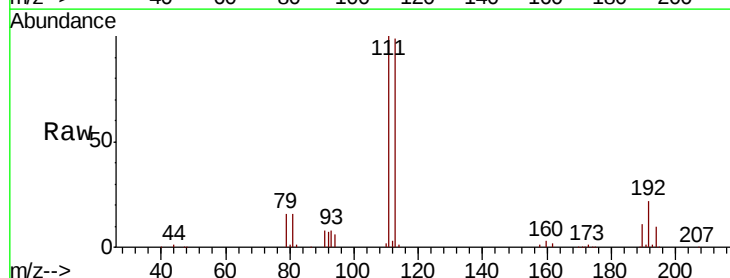
Tgt Ion:113 Resp: 388757

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

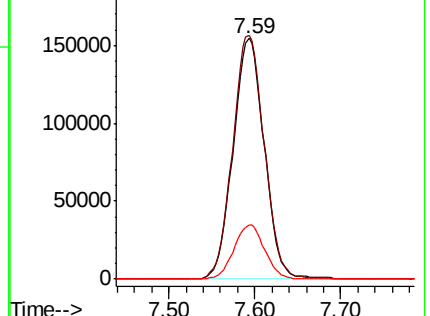
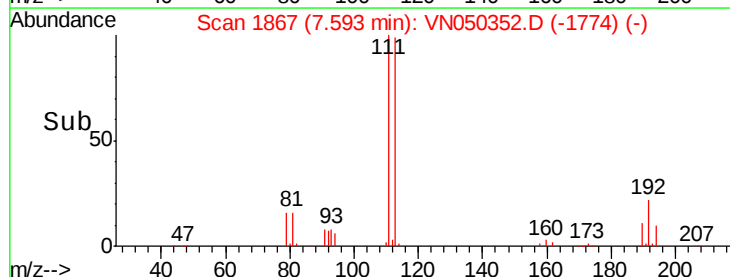
192 22.2 17.8 26.6

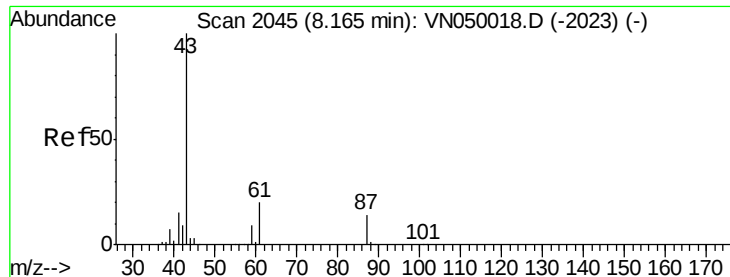


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



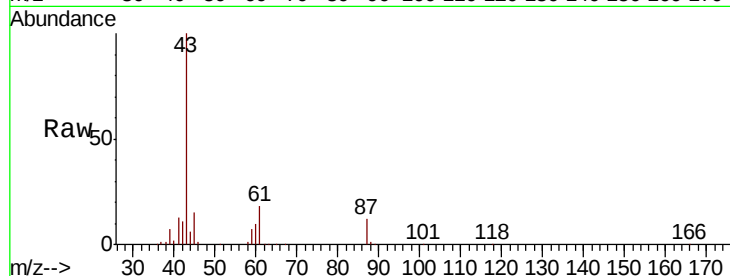


#43

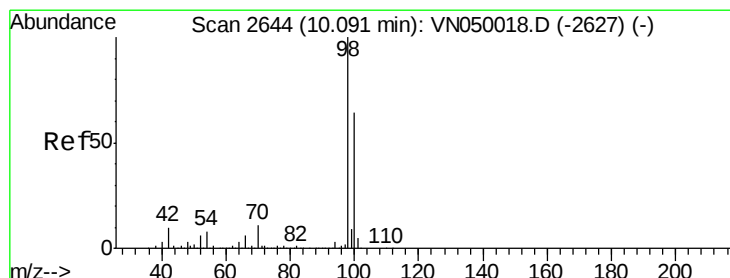
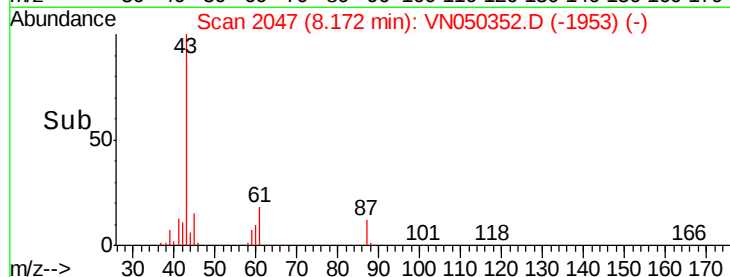
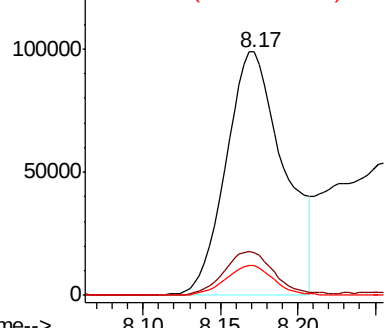
Isopropyl Acetate
 Concen: 15.63 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050352.D
 Acq: 4 Aug 2018 8:22

Instrument :
 MSVOA_N
 ClientSampled :
 ES-RO-276

Tot Ion: 43 Resp: 254774
 Ion Ratio Lower Upper
 43 100
 61 16.0 15.8 23.6
 87 10.2 10.3 15.5#



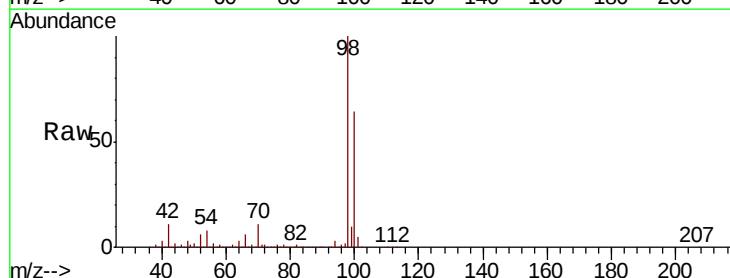
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



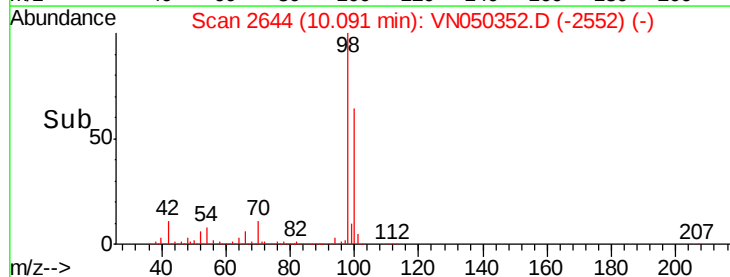
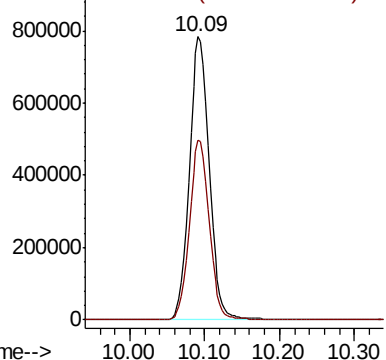
#50

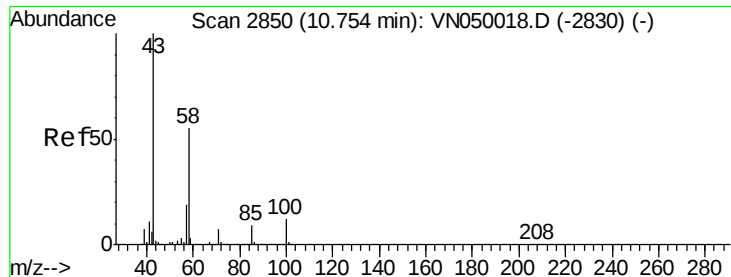
Toluene-d8
 Concen: 45.76 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050352.D
 Acq: 4 Aug 2018 8:22

Tgt Ion: 98 Resp: 1440722
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 7.82 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

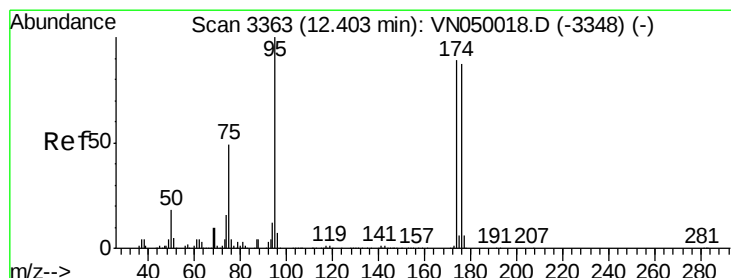
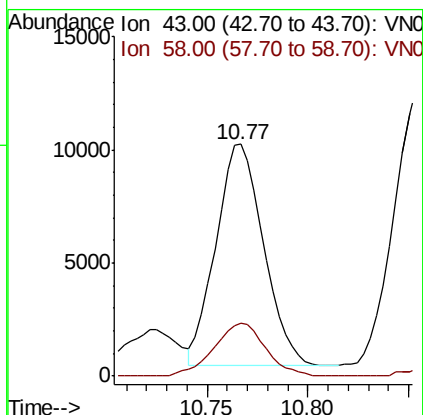
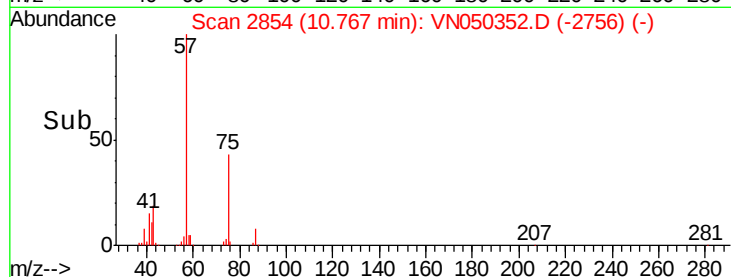
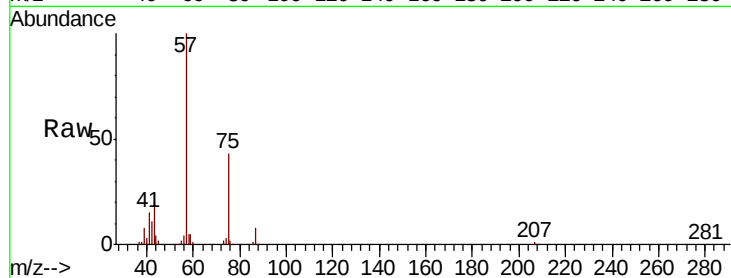
ES-RO-276

Tot Ion: 43 Resp: 16069

Ion Ratio Lower Upper

43 100

58 26.1 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

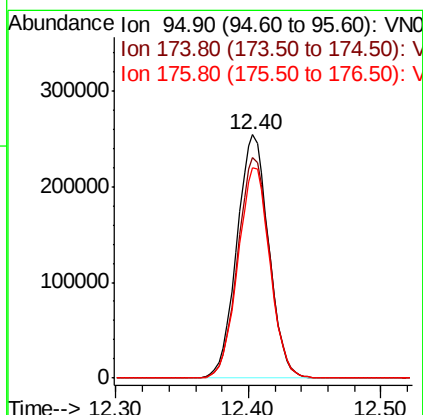
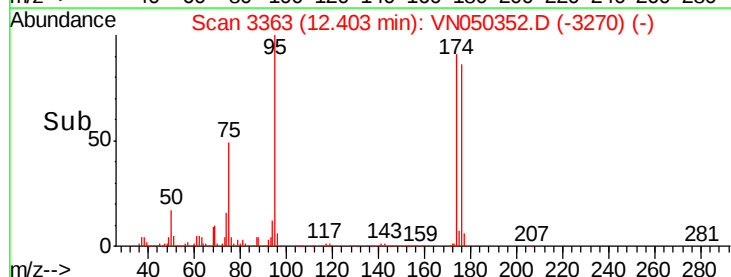
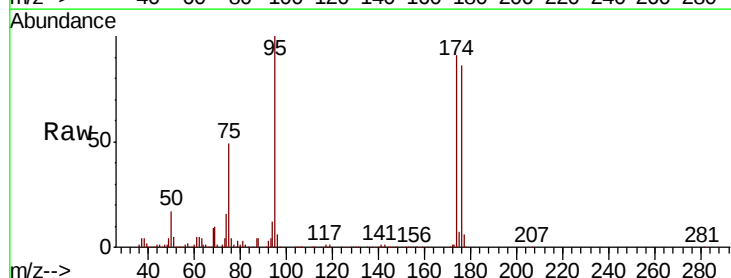
Tgt Ion: 95 Resp: 422492

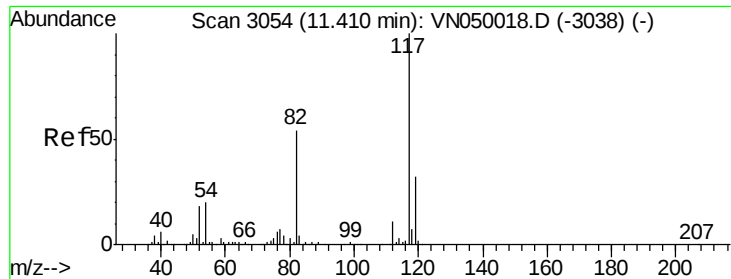
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 87.0 0.0 173.4

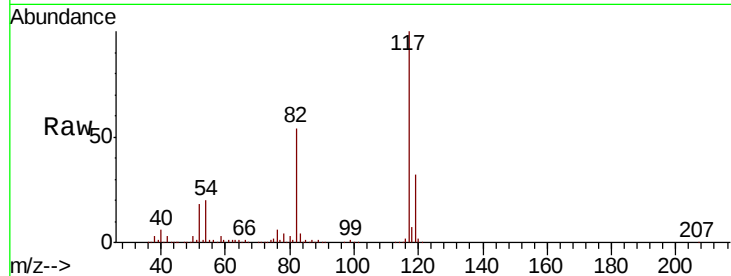




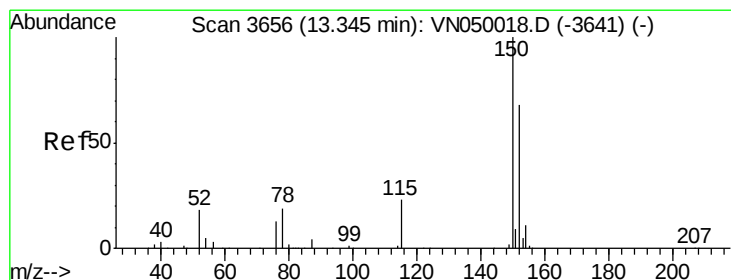
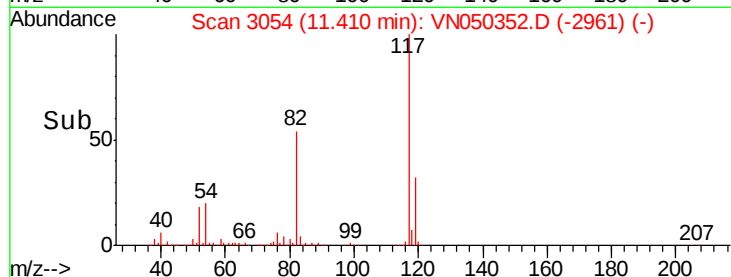
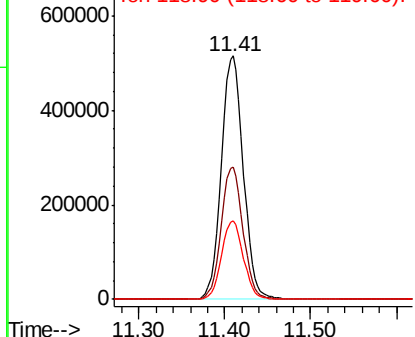
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

Tot Ion:117 Resp: 914123
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.3 26.1 39.1

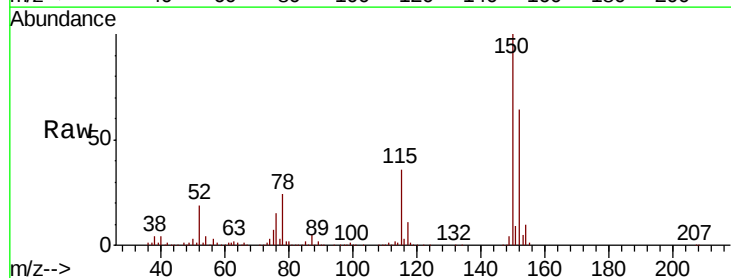


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

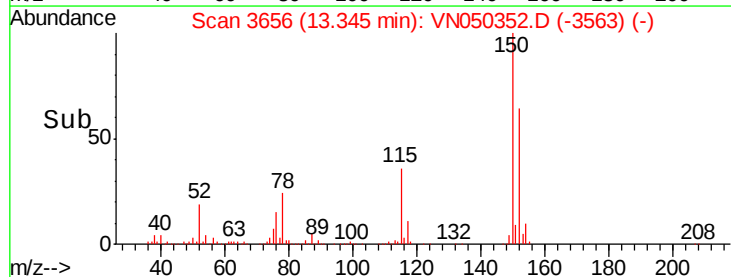
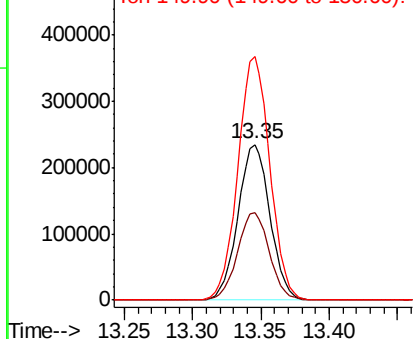


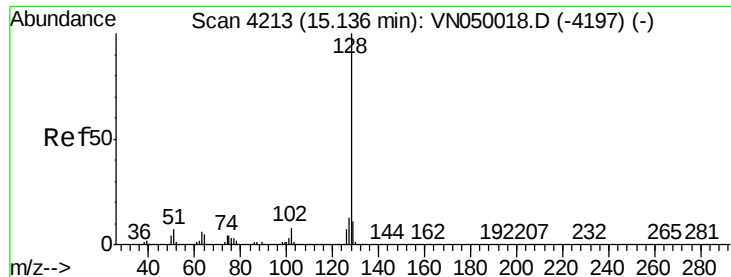
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion:152 Resp: 381695
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 156.6 0.0 348.6



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

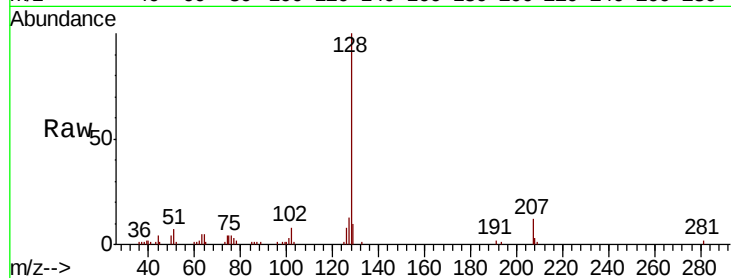




#95
Naphthalene
Concen: 7.28 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.8	13.2



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

