

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050758.D
 Acq On : 18 Aug 2018 7:51
 Operator : MD\SY
 Sample : J4521-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11979

Quant Time: Aug 20 01:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	650032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1068500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	339992	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	438985	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	7.59	113	407829	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	10.09	98	1459261	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.40	95	398011	37.53	ug/l	0.00
Spiked Amount			Recovery	=	75.06%	

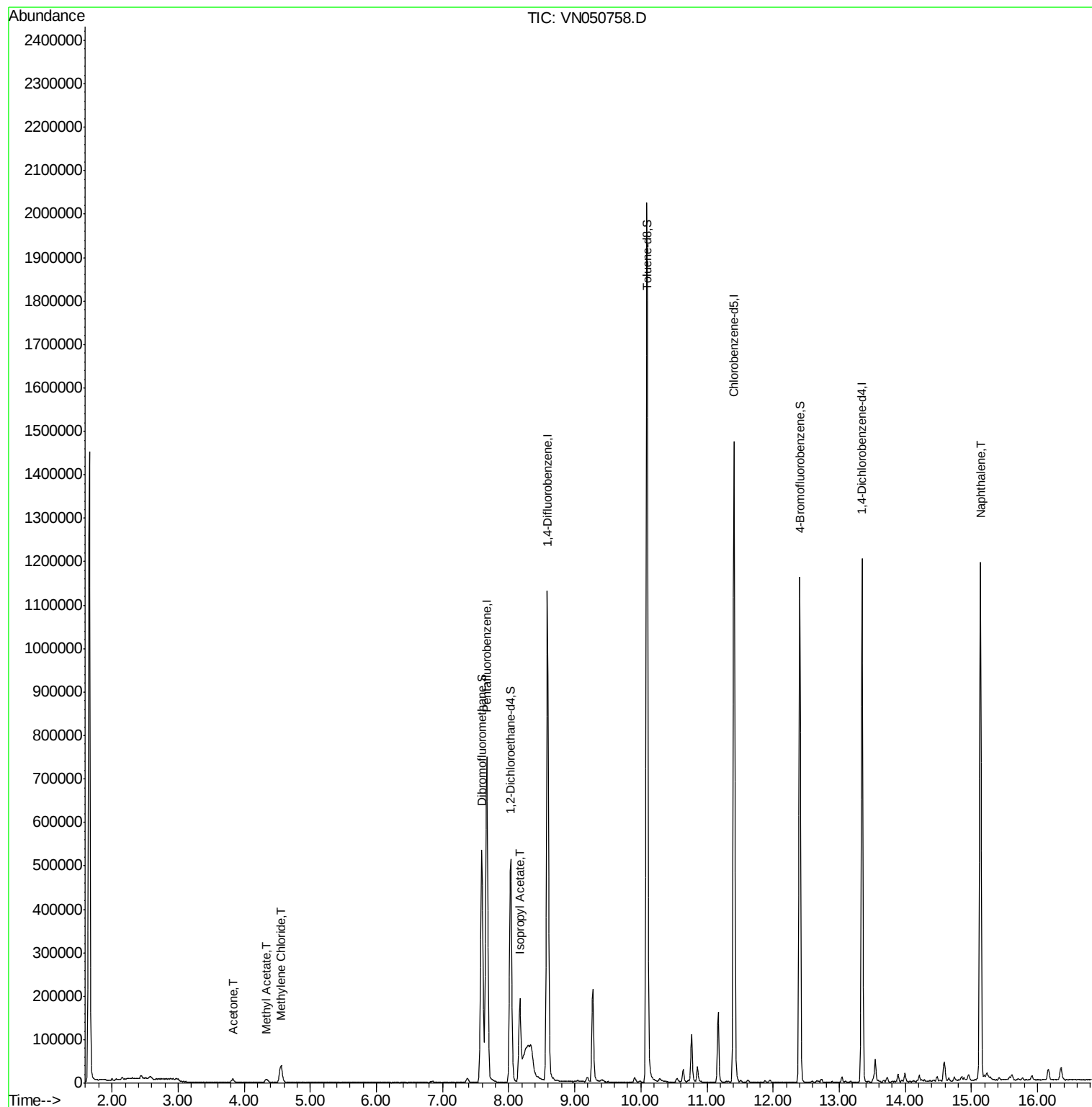
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14341	5.59	ug/l	99
18) Methyl Acetate	4.33	43	16113	1.84	ug/l	# 77
20) Methylene Chloride	4.55	84	30695	2.74	ug/l	98
43) Isopropyl Acetate	8.17	43	233225	19.03	ug/l	99
95) Naphthalene	15.14	128	1019065	75.77	ug/l	99

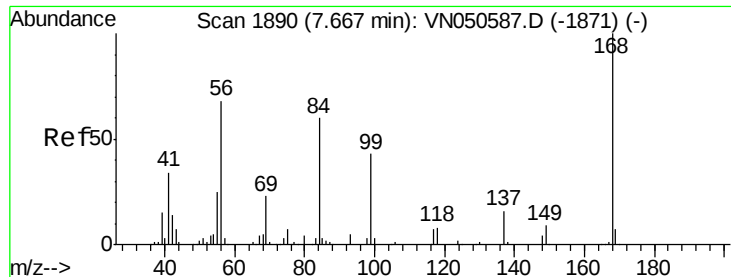
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050758.D

Acq: 18 Aug 2018 7:51

Instrument :

MSVOA_N

ClientSampled :

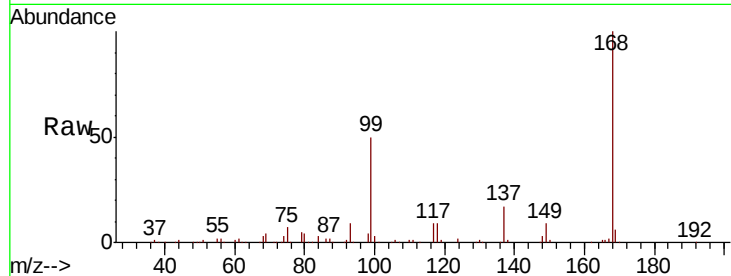
72-11979

Tot Ion:168 Resp: 650032

Ion Ratio Lower Upper

168 100

99 49.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050758.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050758.D (-1797) (-)

7.67

300000

250000

200000

150000

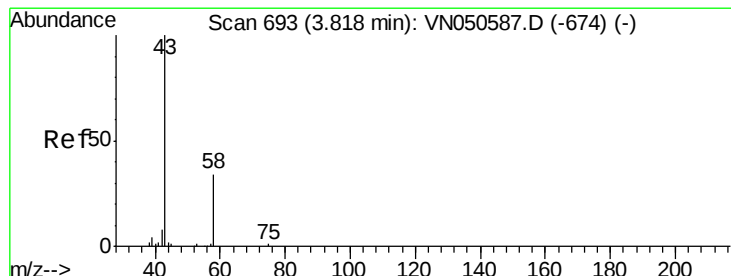
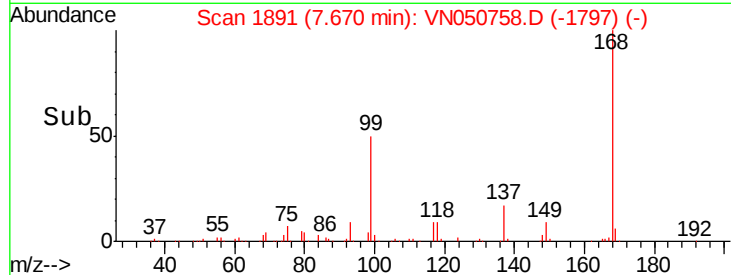
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 5.59 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050758.D

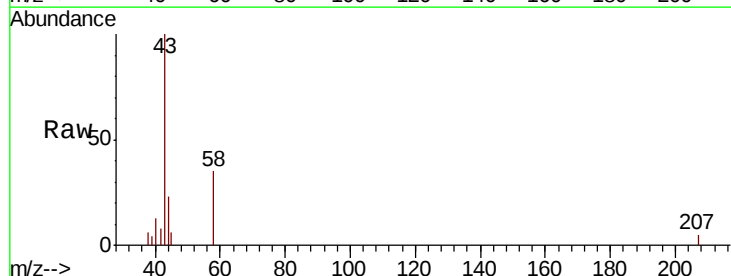
Acq: 18 Aug 2018 7:51

Tgt Ion: 43 Resp: 14341

Ion Ratio Lower Upper

43 100

58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050758.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050758.D (-600) (-)

3.83

5000

4000

3000

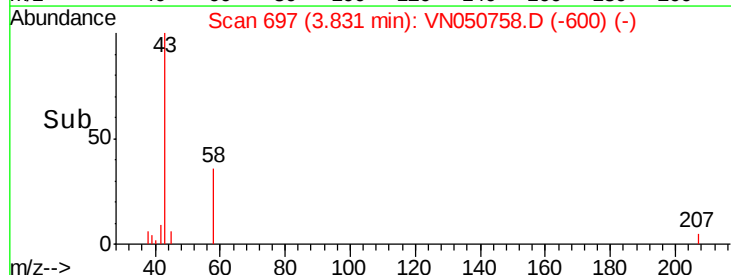
2000

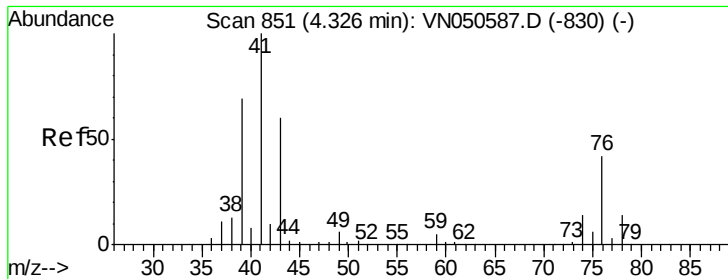
1000

0

Time-->

3.70 3.80 3.90

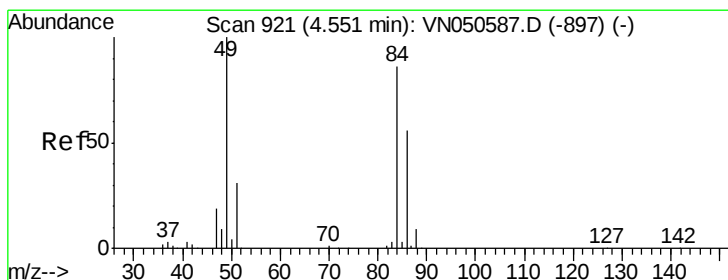
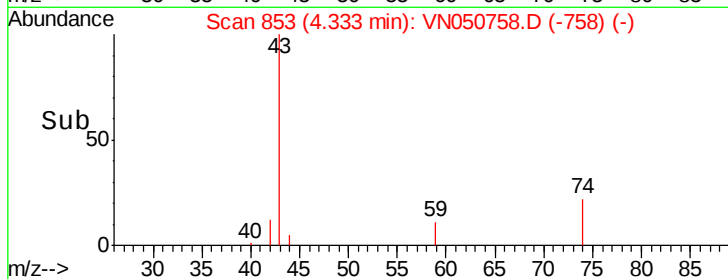
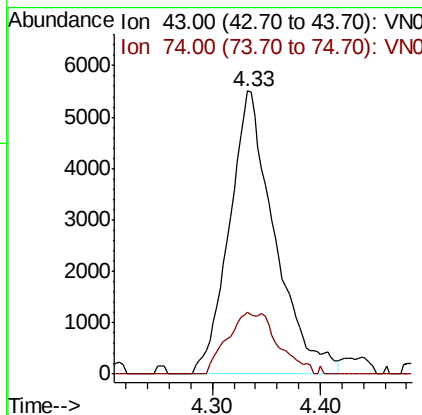
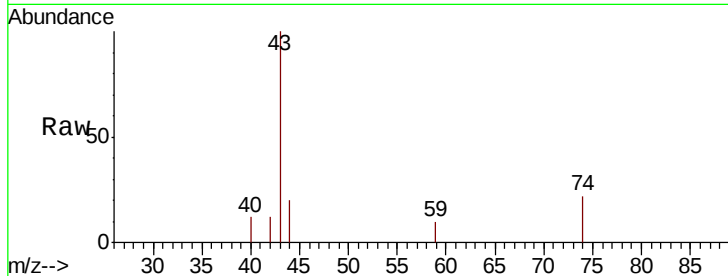




#18
Methvl Acetate
Concen: 1.84 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050758.D
Acq: 18 Aug 2018 7:51

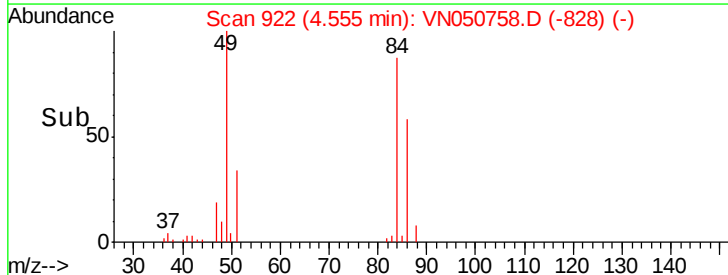
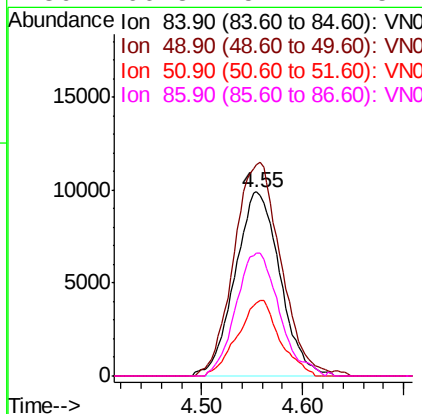
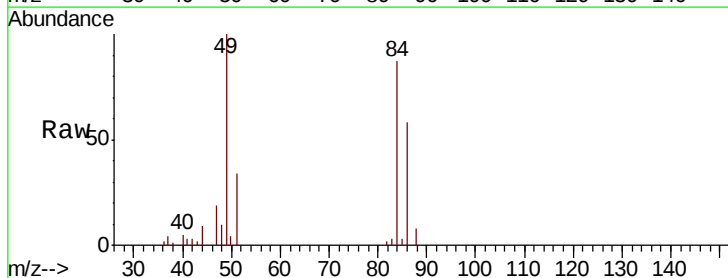
Instrument :
MSVOA_N
ClientSampled :
72-11979

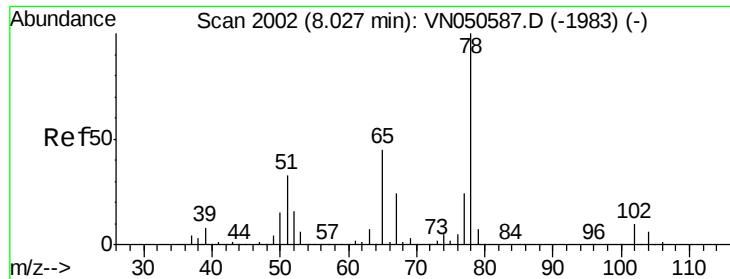
Tot Ion: 43 Resp: 16113
Ion Ratio Lower Upper
43 100
74 13.3 19.7 29.5#



#20
Methylene Chloride
Concen: 2.74 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050758.D
Acq: 18 Aug 2018 7:51

Tgt Ion: 84 Resp: 30695
Ion Ratio Lower Upper
84 100
49 115.0 92.6 138.8
51 39.6 28.6 43.0
86 66.8 52.2 78.2

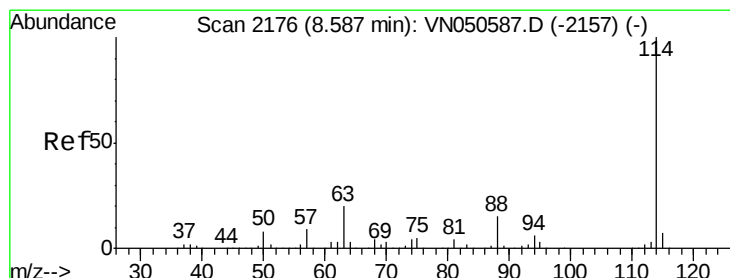
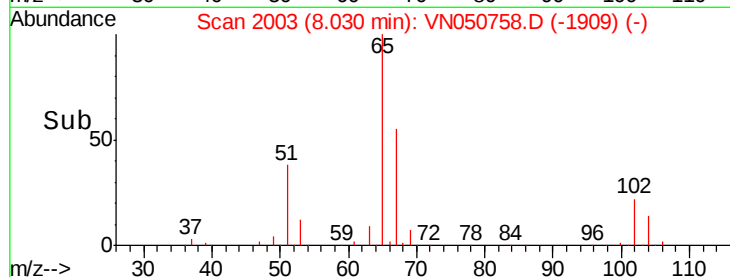
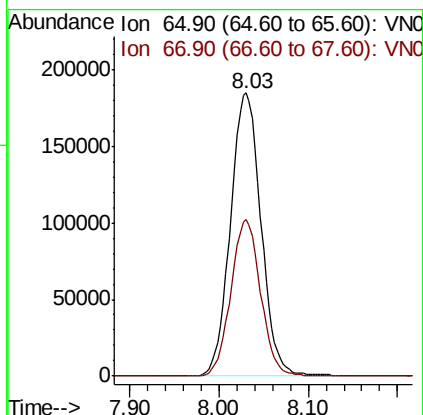
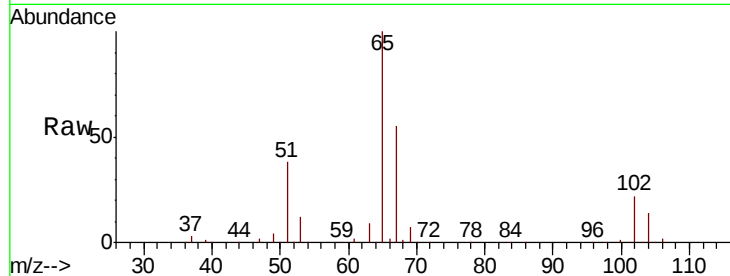




#33
 1,2-Dichloroethane-d4
 Concen: 53.58 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050758.D
 Acq: 18 Aug 2018 7:51

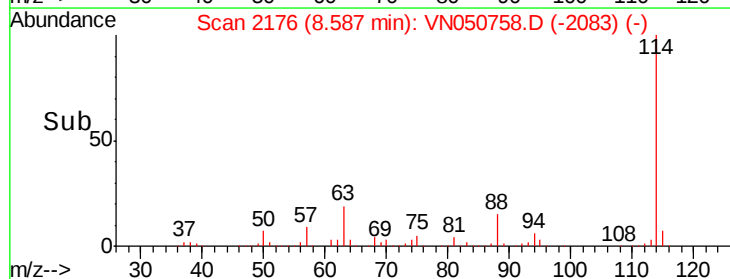
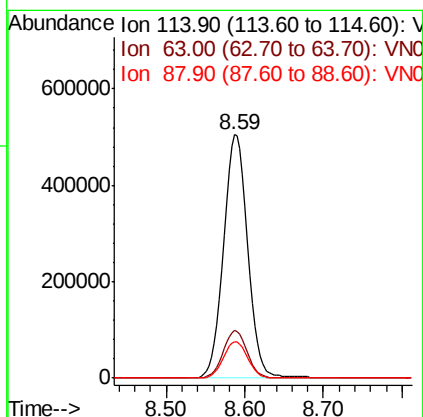
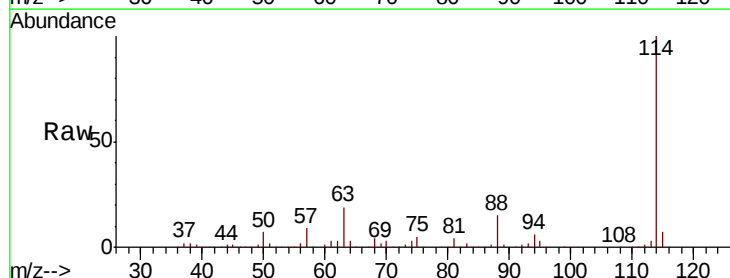
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11979

Tot Ion: 65 Resp: 438985
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050758.D
 Acq: 18 Aug 2018 7:51

Tgt Ion: 114 Resp: 1068500
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.81 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050758.D

Acq: 18 Aug 2018 7:51

Instrument :

MSVOA_N

ClientSampleId :

72-11979

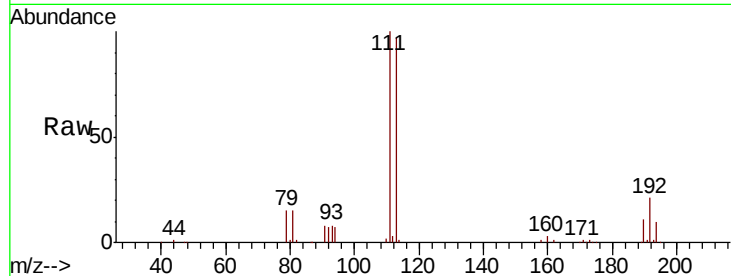
Tot Ion:113 Resp: 407829

Ion Ratio Lower Upper

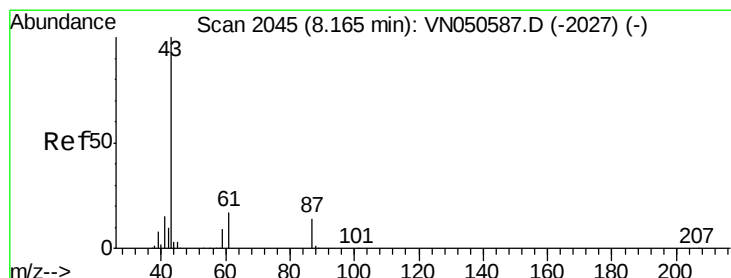
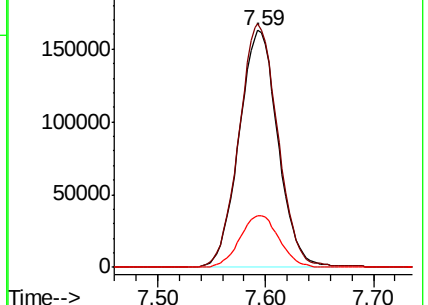
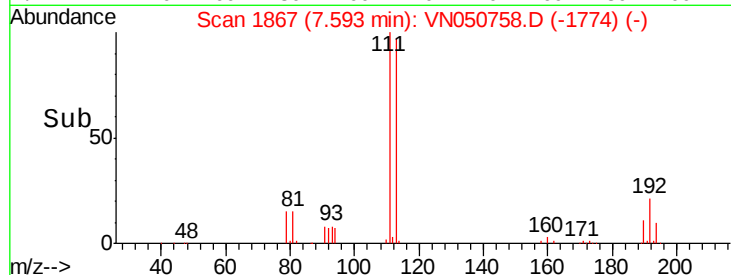
113 100

111 102.7 81.0 121.6

192 22.4 17.6 26.4



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: 19.03 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050758.D

Acq: 18 Aug 2018 7:51

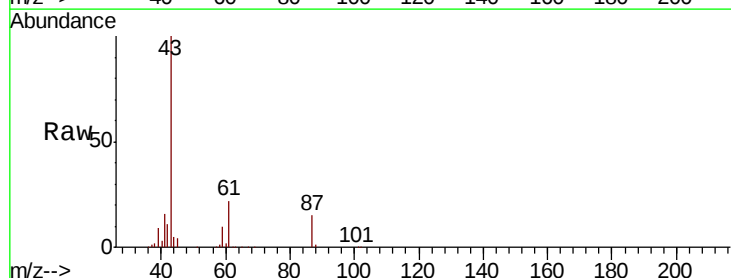
Tgt Ion: 43 Resp: 233225

Ion Ratio Lower Upper

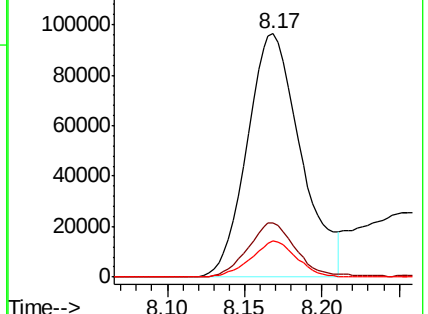
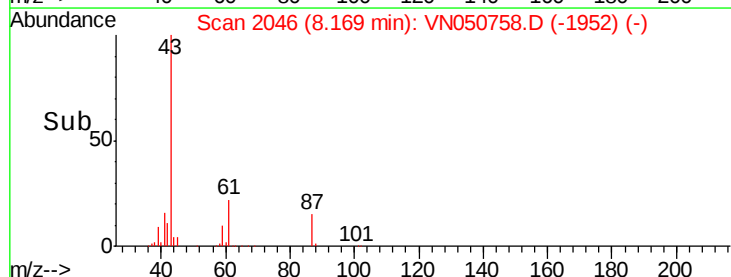
43 100

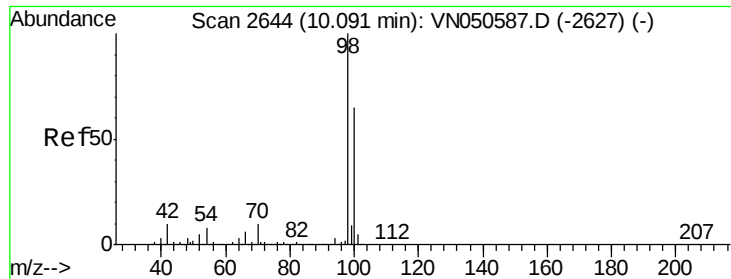
61 20.2 16.2 24.2

87 12.9 10.9 16.3



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





#50

Toluene-d8

Concen: 45.45 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050758.D

Acq: 18 Aug 2018 7:51

Instrument :

MSVOA_N

ClientSampleId :

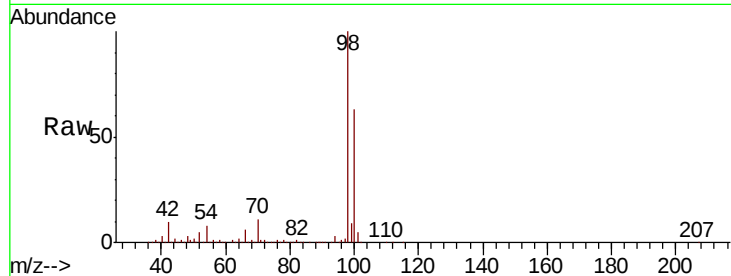
72-11979

Tot Ion: 98 Resp: 1459261

Ion Ratio Lower Upper

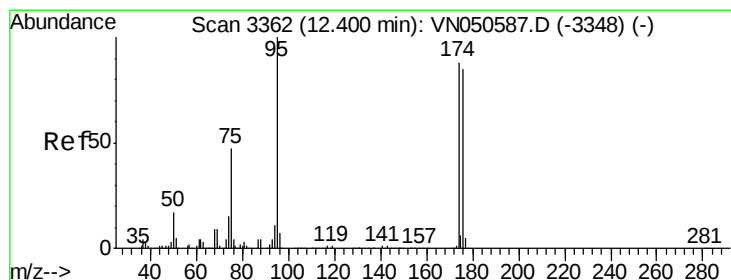
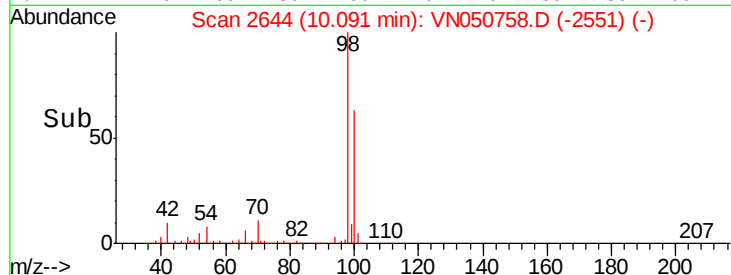
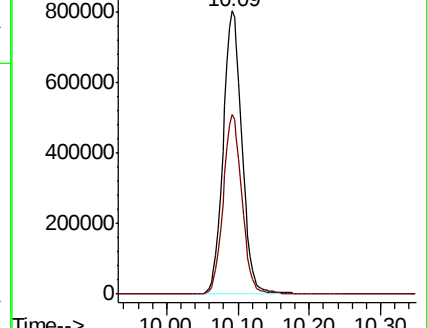
98 100

100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 37.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050758.D

Acq: 18 Aug 2018 7:51

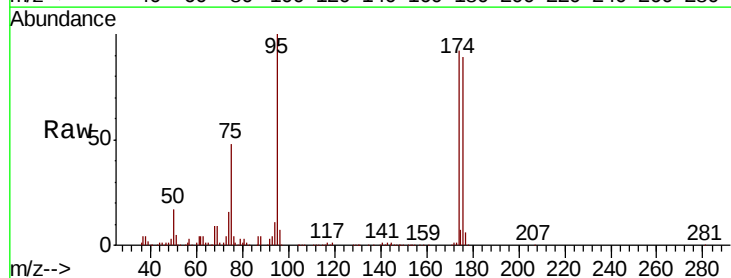
Tgt Ion: 95 Resp: 398011

Ion Ratio Lower Upper

95 100

174 91.5 0.0 177.8

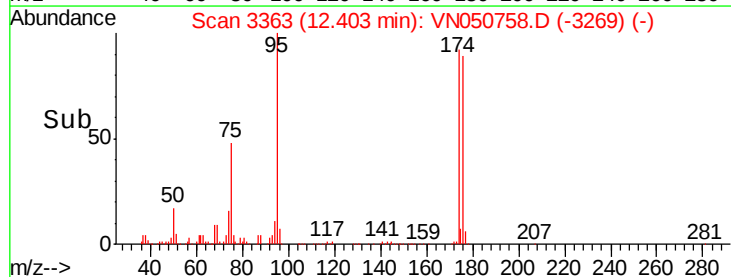
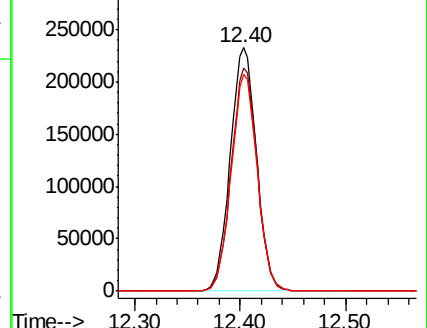
176 88.1 0.0 175.0

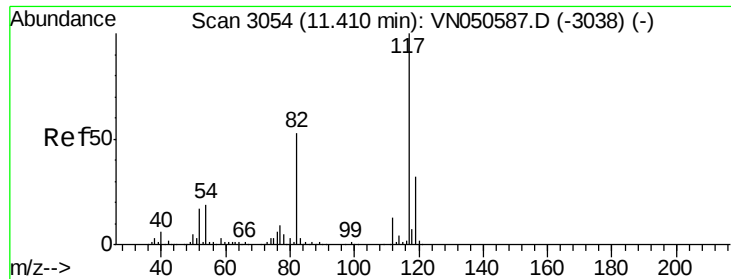


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

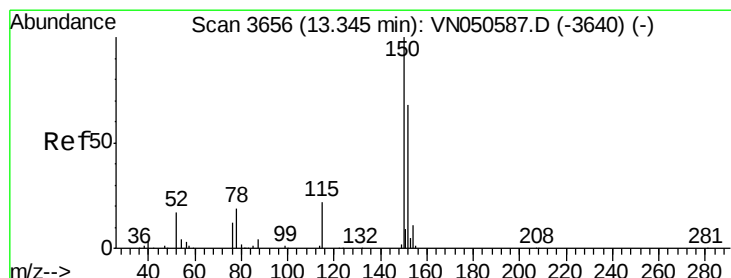
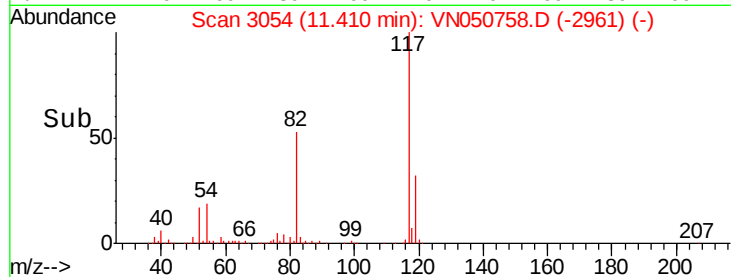
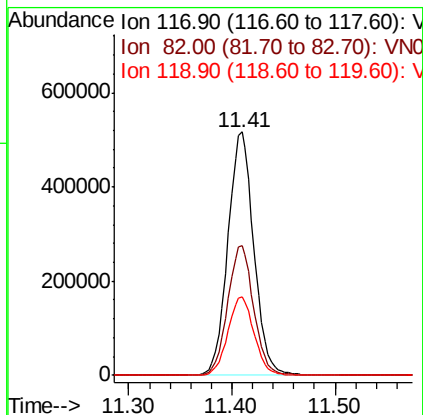
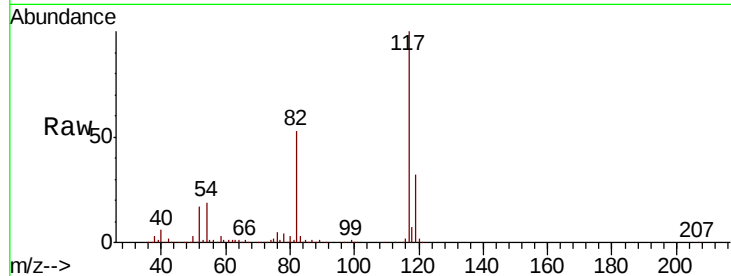




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050758.D
Acq: 18 Aug 2018 7:51

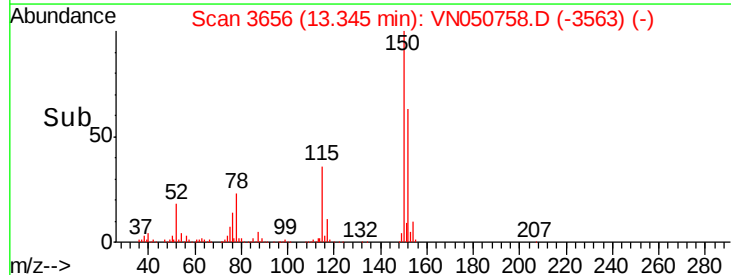
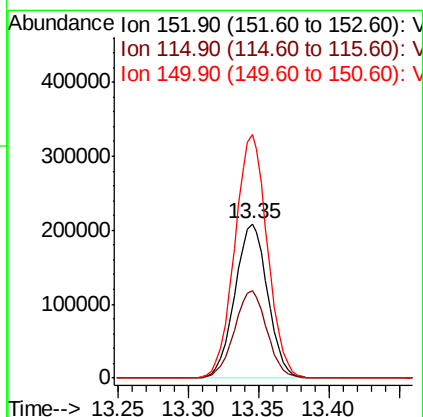
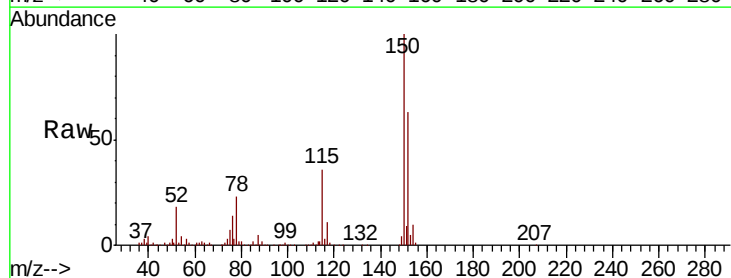
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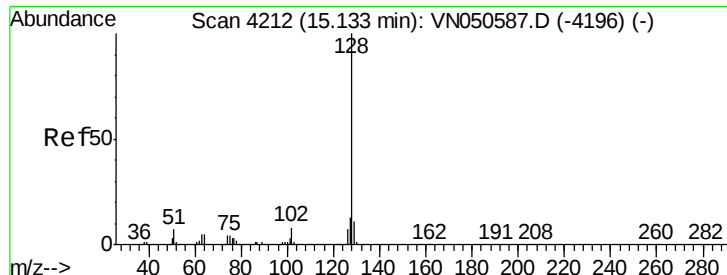
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	32.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050758.D
Acq: 18 Aug 2018 7:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.1	84.2
150	156.9	0.0	347.8





#95
Naphthalene
Concen: 75.77 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050758.D
Acq: 18 Aug 2018 7:51

Instrument :
MSVOA_N
ClientSampleId :
72-11979

Tot Ion:128 Resp: 1019065
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.0 8.5 12.7

