

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050754.D
 Acq On : 18 Aug 2018 6:13
 Operator : MD\SY
 Sample : J4521-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11975

Quant Time: Aug 18 06:36:40 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	598911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	988048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299995	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	411195	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
35) Dibromofluoromethane	7.59	113	388247	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.09	98	1354376	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	366726	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	

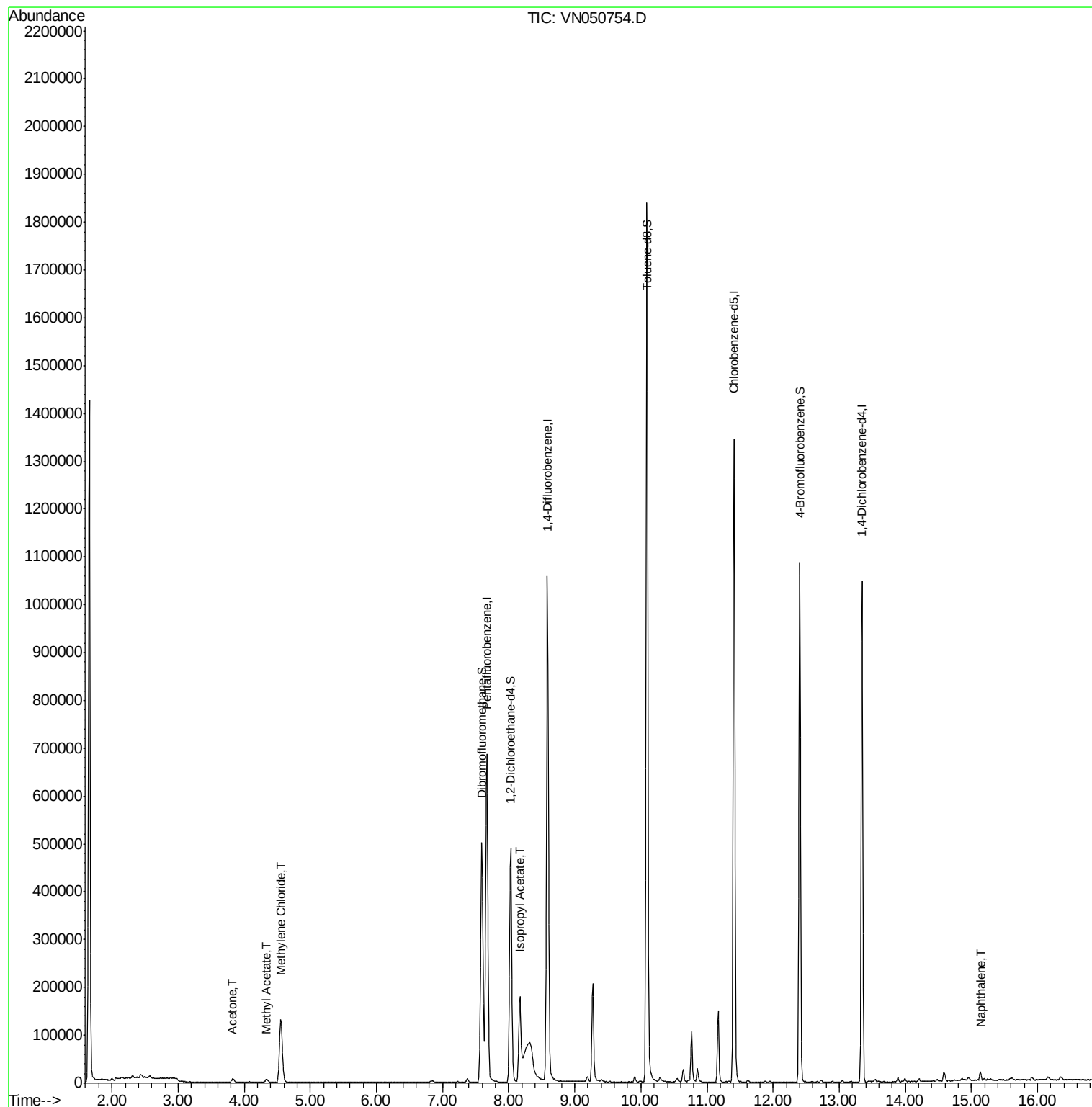
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13341	5.66	ug/l	97
18) Methyl Acetate	4.34	43	13757	1.63	ug/l	98
20) Methylene Chloride	4.55	84	103821	13.54	ug/l	96
43) Isopropyl Acetate	8.17	43	225643	19.92	ug/l	97
95) Naphthalene	15.13	128	16207	5.16	ug/l	99

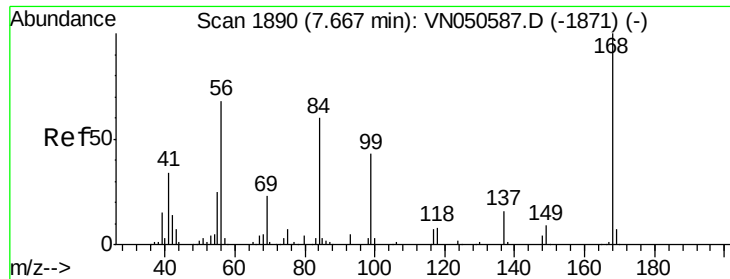
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081718\
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MSVOA_N
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050754.D

Acq: 18 Aug 2018 6:13

Instrument :

MSVOA_N

ClientSampled :

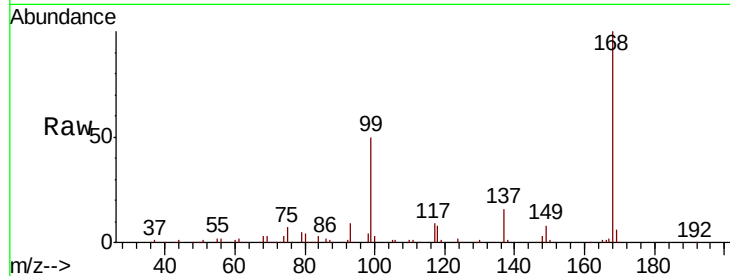
72-11975

Tot Ion:168 Resp: 598911

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

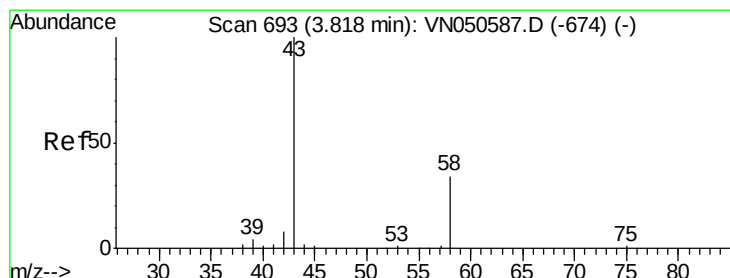
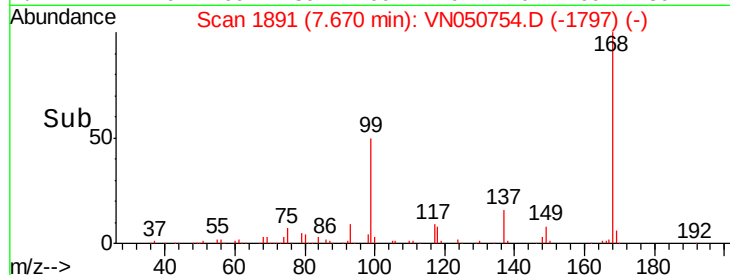
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.66 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050754.D

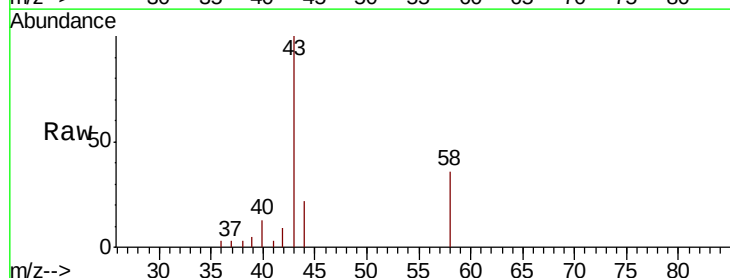
Acq: 18 Aug 2018 6:13

Tgt Ion: 43 Resp: 13341

Ion Ratio Lower Upper

43 100

58 35.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

5000

4000

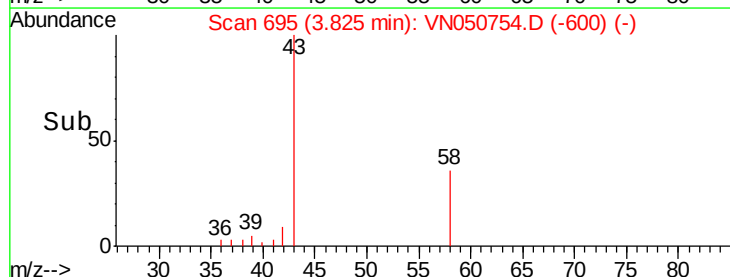
3000

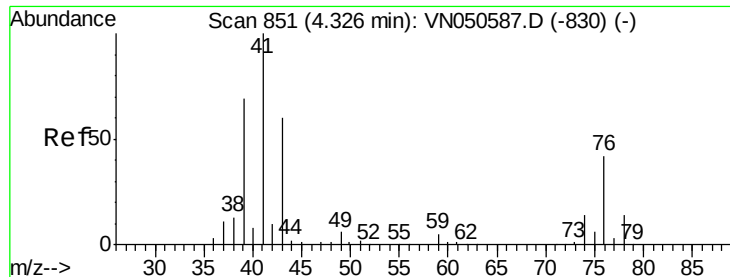
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1000

0

Time-->

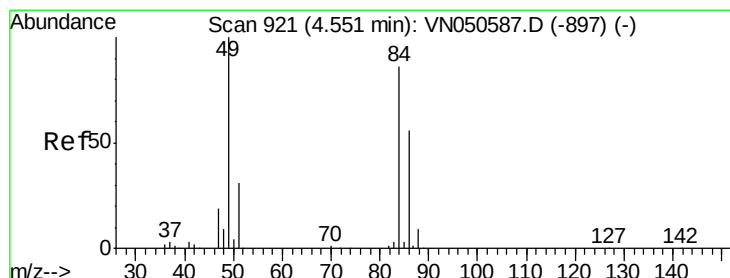
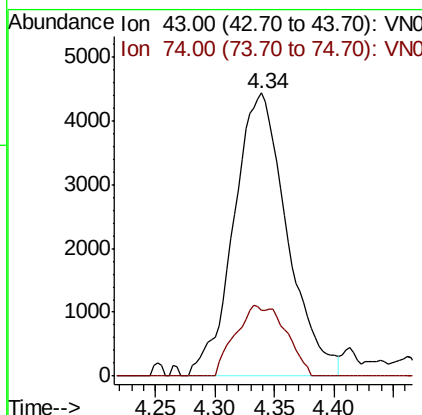
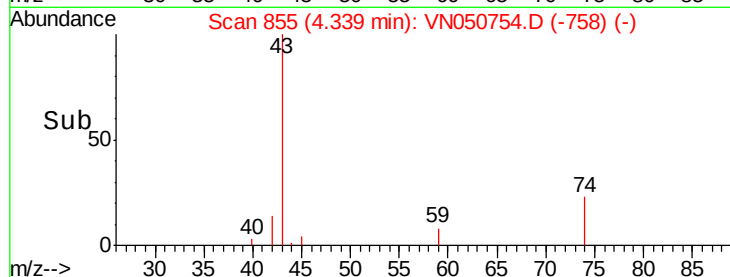
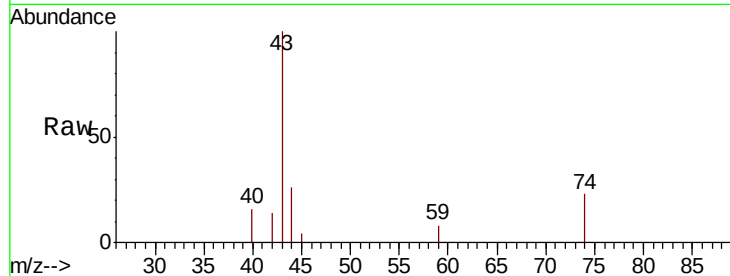




#18
Methyl Acetate
Concen: 1.63 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050754.D
Acq: 18 Aug 2018 6:13

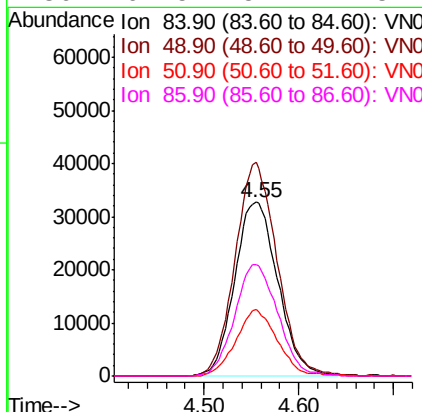
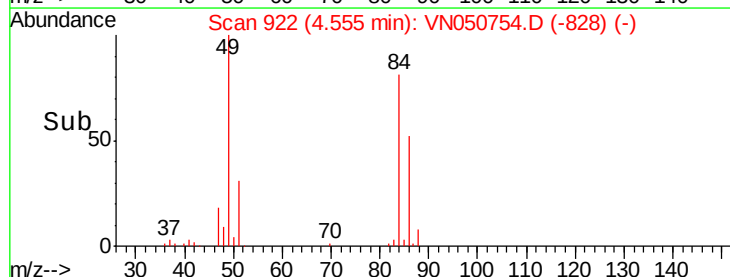
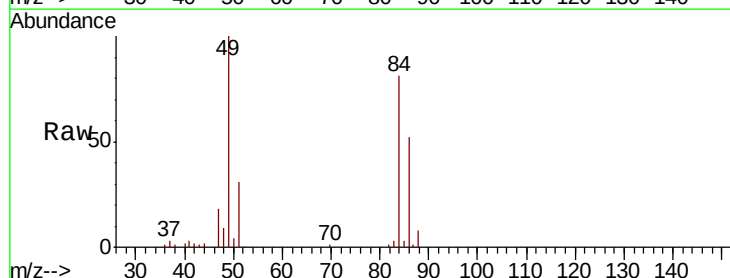
Instrument :
MSVOA_N
ClientSampleId :
72-11975

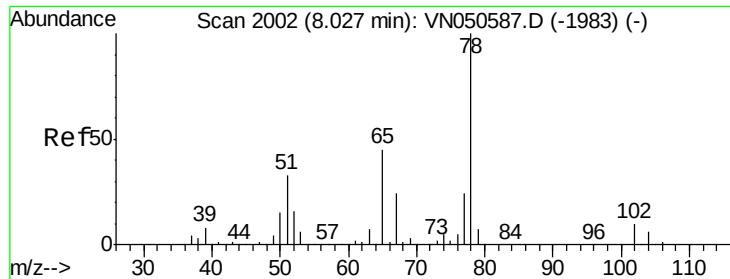
Tot Ion: 43 Resp: 13757
Ion Ratio Lower Upper
43 100
74 23.6 19.7 29.5



#20
Methylene Chloride
Concen: 13.54 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050754.D
Acq: 18 Aug 2018 6:13

Tgt Ion: 84 Resp: 103821
Ion Ratio Lower Upper
84 100
49 122.9 92.6 138.8
51 38.2 28.6 43.0
86 64.5 52.2 78.2

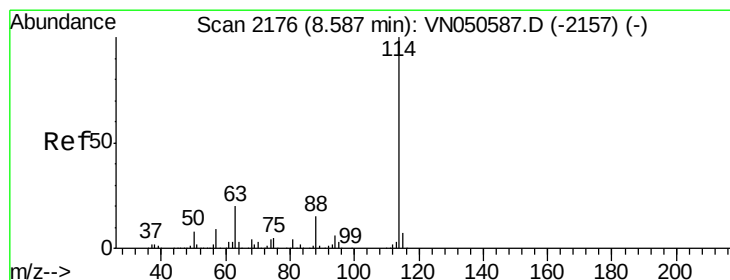
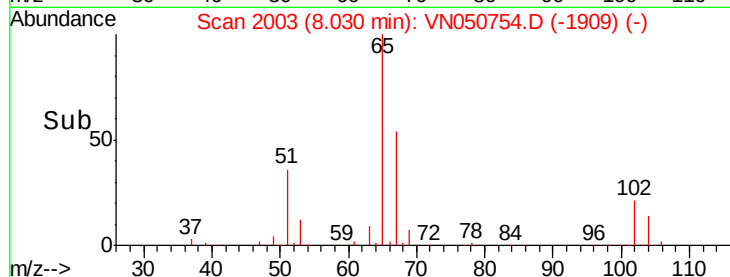
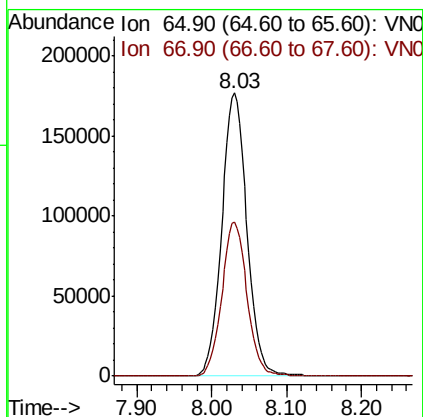
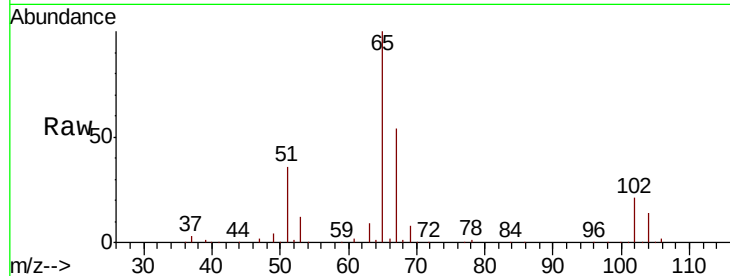




#33
 1,2-Dichloroethane-d4
 Concen: 54.47 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050754.D
 Acq: 18 Aug 2018 6:13

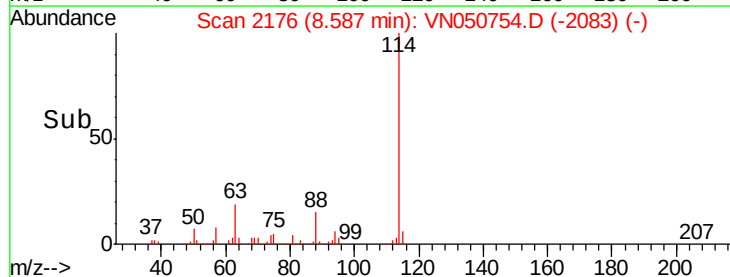
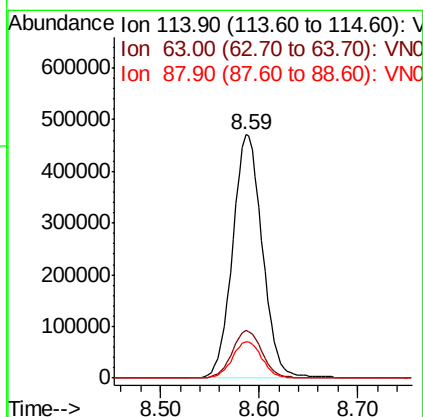
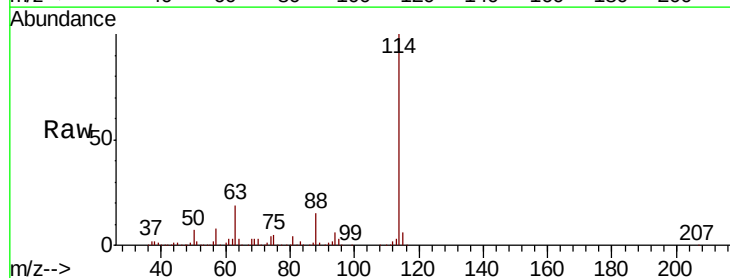
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11975

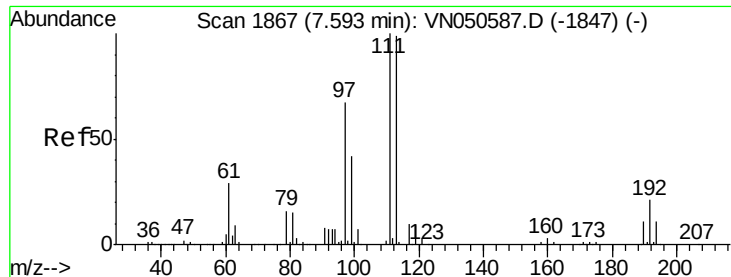
Tot Ion: 65 Resp: 411195
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050754.D
 Acq: 18 Aug 2018 6:13

Tgt Ion: 114 Resp: 988048
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.0 0.0 30.8

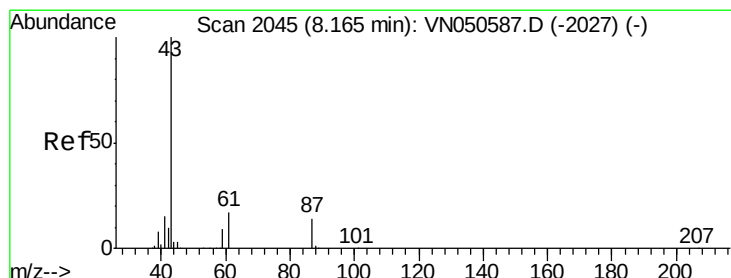
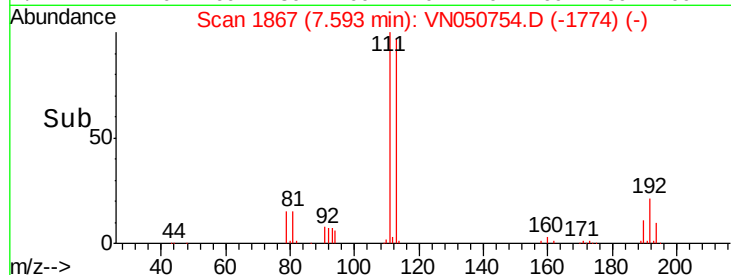
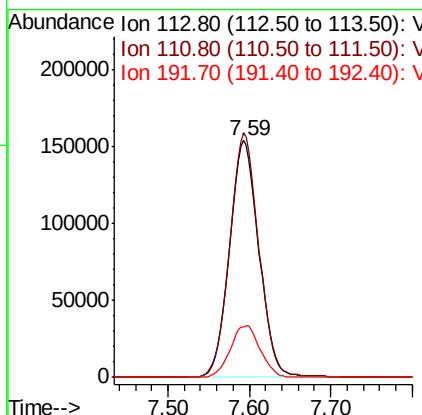
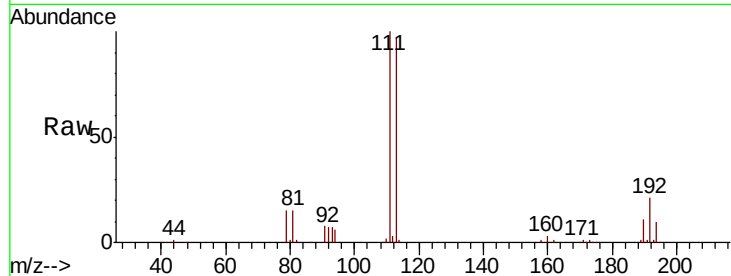




#35
 Dibromofluoromethane
 Concen: 49.22 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050754.D
 Acq: 18 Aug 2018 6:13

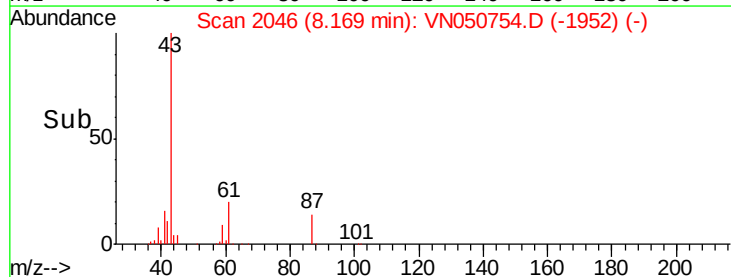
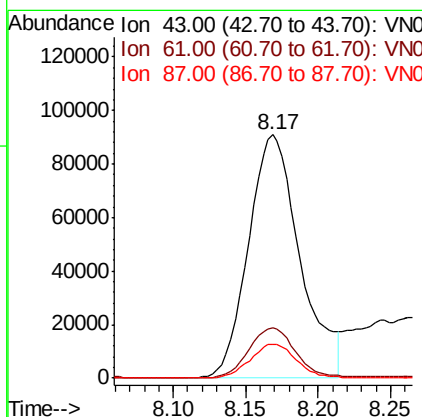
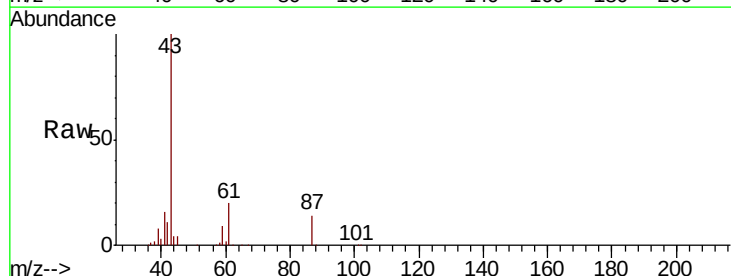
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11975

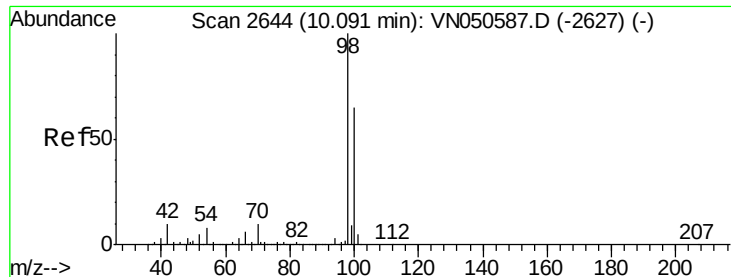
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	22.2	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 19.92 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050754.D
 Acq: 18 Aug 2018 6:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.7	16.2	24.2
87	12.6	10.9	16.3





#50

Toluene-d8

Concen: 45.62 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050754.D

Acq: 18 Aug 2018 6:13

Instrument :

MSVOA_N

ClientSampleId :

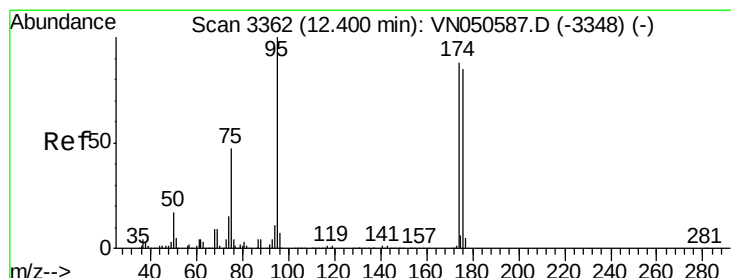
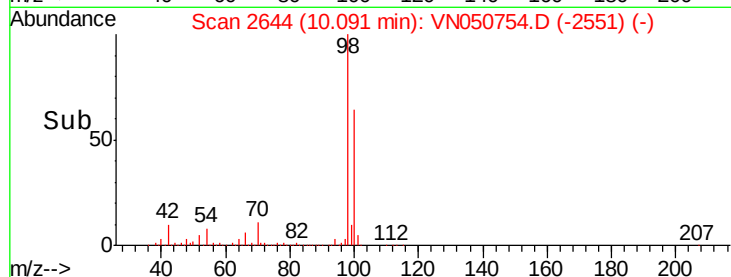
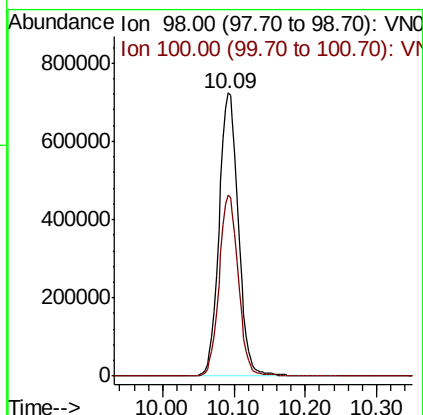
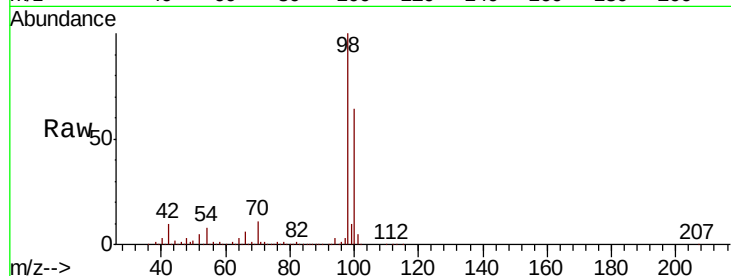
72-11975

Tot Ion: 98 Resp: 1354376

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050754.D

Acq: 18 Aug 2018 6:13

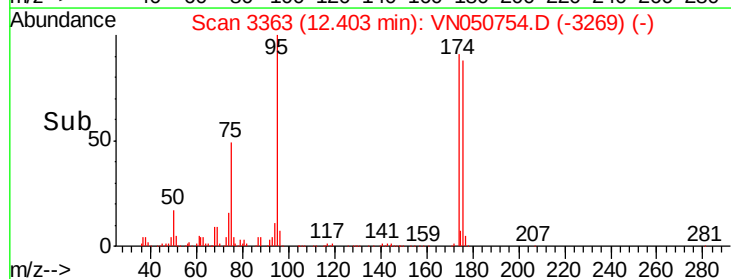
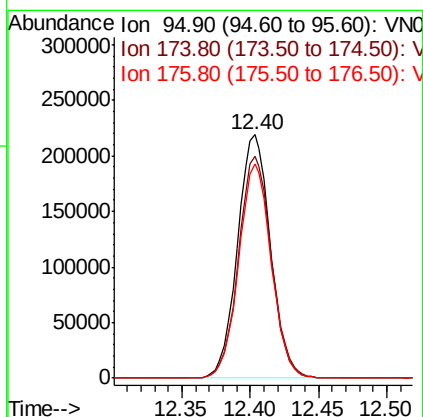
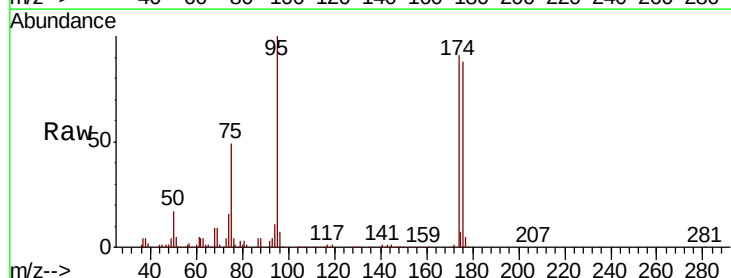
Tgt Ion: 95 Resp: 366726

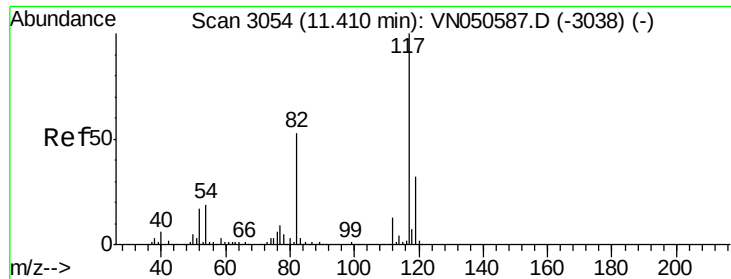
Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

176 87.0 0.0 175.0

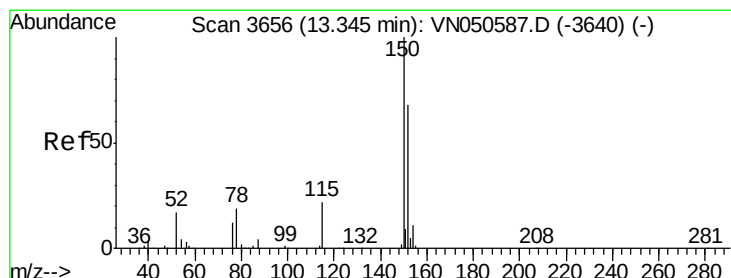
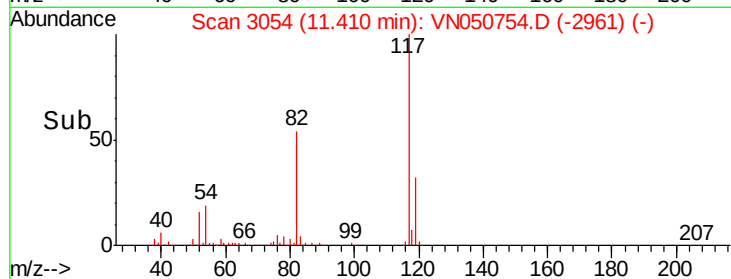
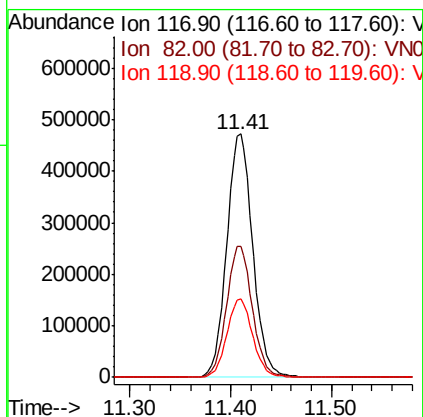
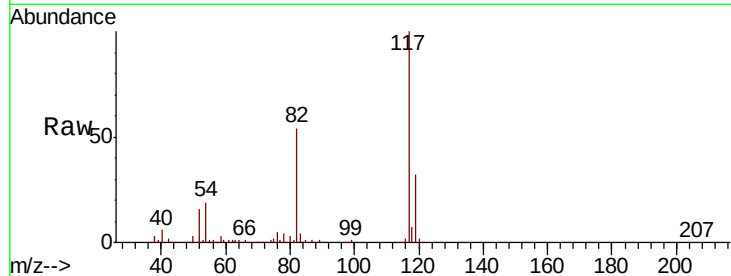




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050754.D
Acq: 18 Aug 2018 6:13

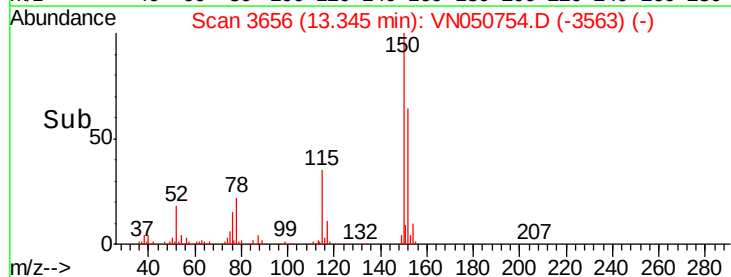
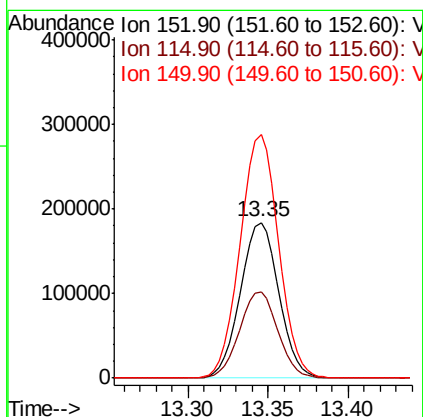
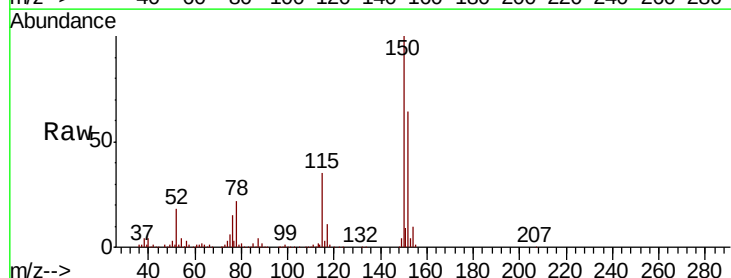
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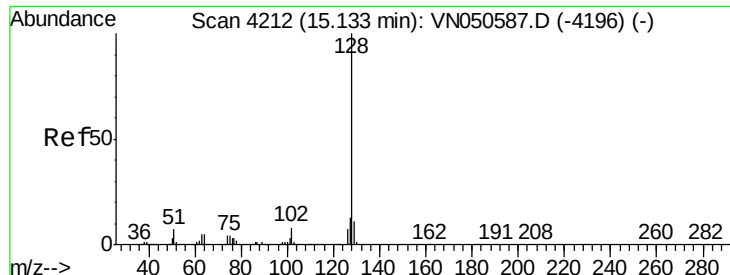
Tot Ion:117 Resp: 848894
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050754.D
Acq: 18 Aug 2018 6:13

Tgt Ion:152 Resp: 299995
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.2
150 156.9 0.0 347.8

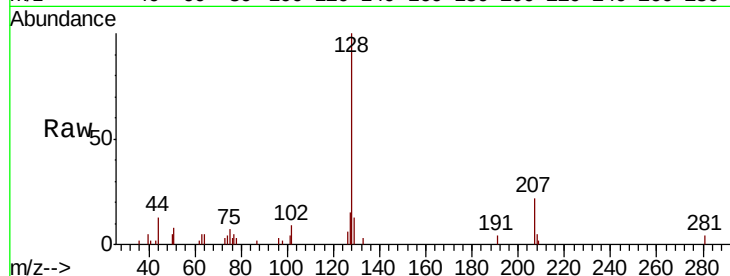




#95
Naphthalene
Concen: 5.16 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050754.D
Acq: 18 Aug 2018 6:13

Instrument :
MSVOA_N
ClientSampleId :
72-11975

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	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

