

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050699.D
 Acq On : 16 Aug 2018 14:16
 Operator : MD\SY
 Sample : PB112098ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#04

Quant Time: Aug 17 04:18:03 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	605051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318306	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	430189	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	7.59	113	392026	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	10.09	98	1415485	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
62) 4-Bromofluorobenzene	12.40	95	392236	37.97	ug/l	0.00
Spiked Amount			Recovery	=	75.94%	

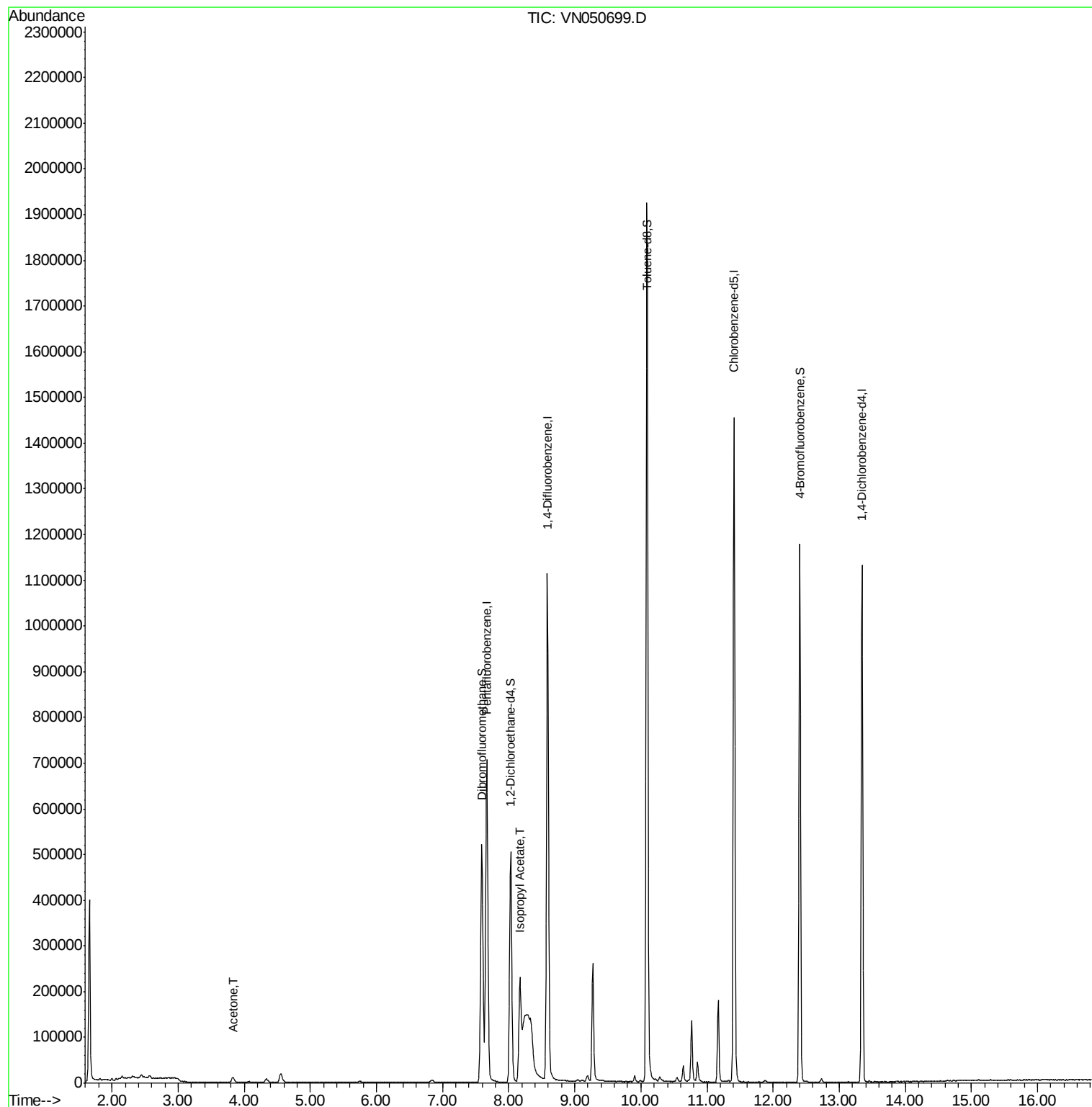
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20585	9.41	ug/l	98
43) Isopropyl Acetate	8.17	43	291524	24.43	ug/l	95

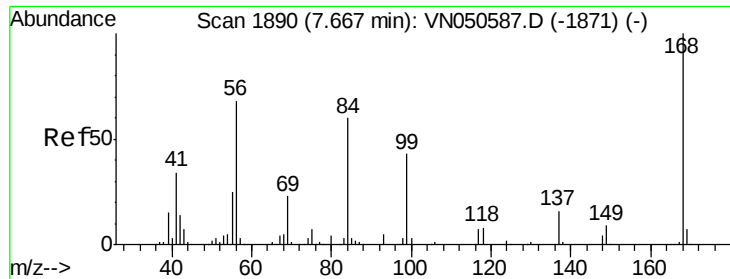
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050699.D

Acq: 16 Aug 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

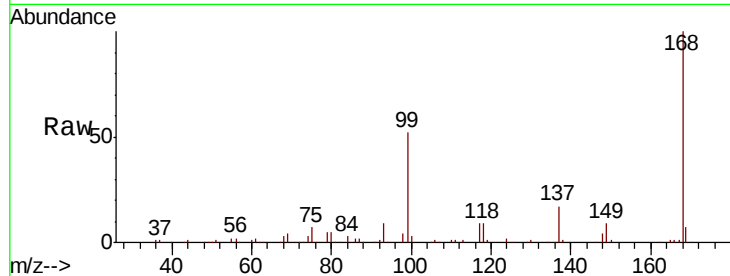
PB112098ZHE#04

Tot Ion:168 Resp: 605051

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

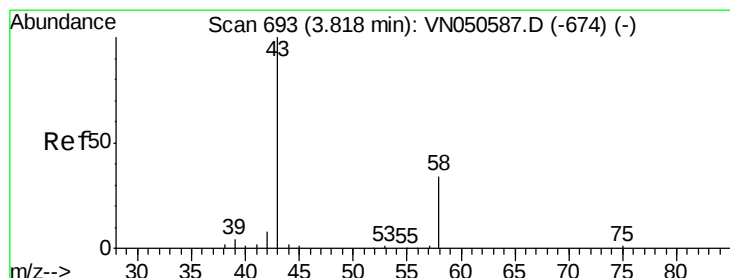
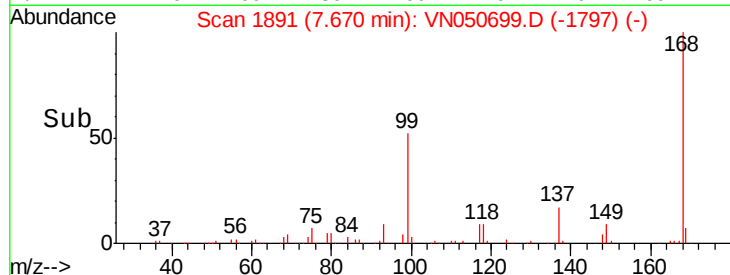
50000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 9.41 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050699.D

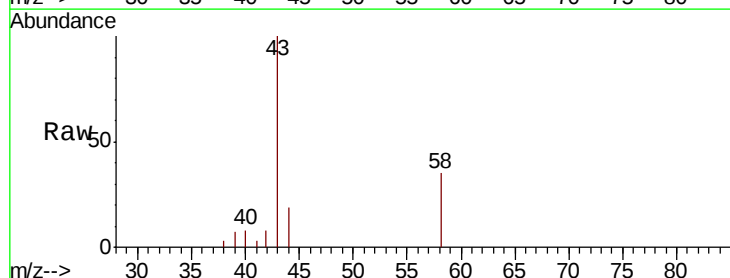
Acq: 16 Aug 2018 14:16

Tgt Ion: 43 Resp: 20585

Ion Ratio Lower Upper

43 100

58 35.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

6000

4000

2000

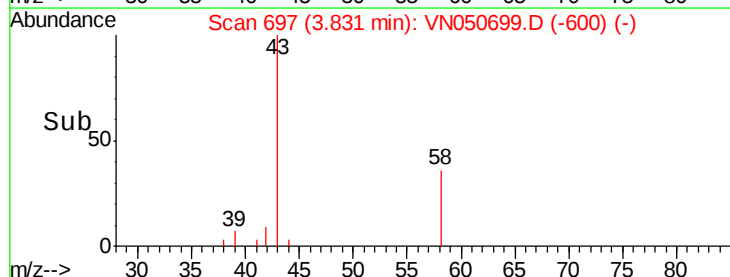
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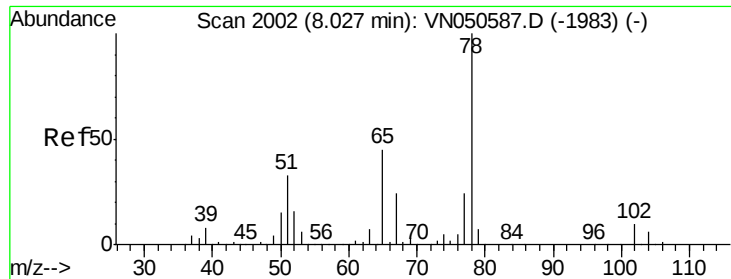
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3.70

3.80

3.90

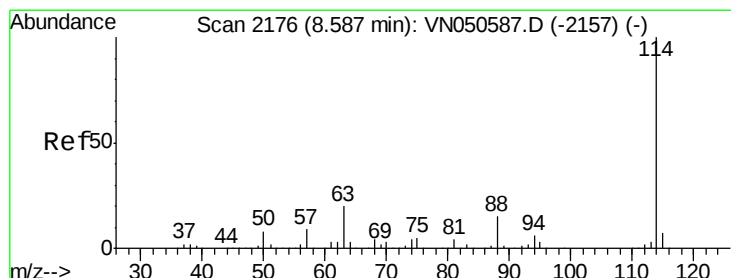
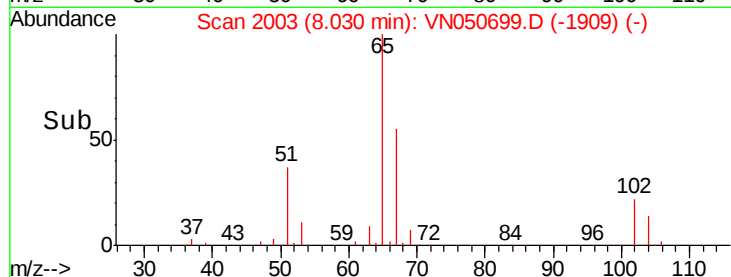
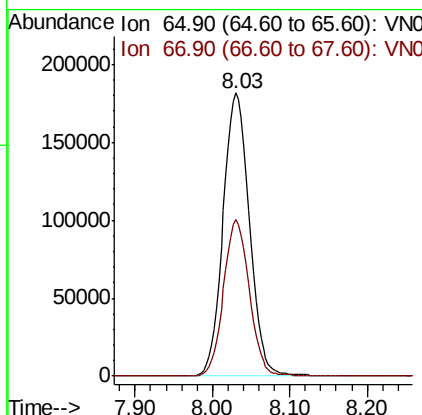
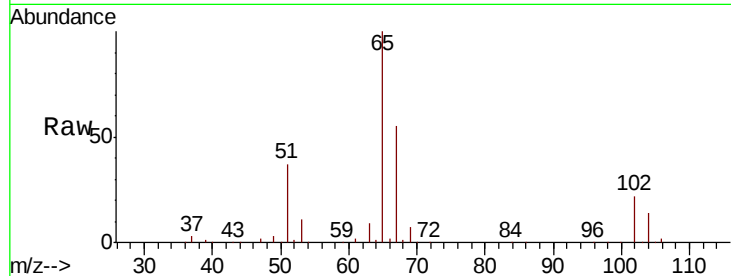




#33
 1,2-Dichloroethane-d4
 Concen: 56.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050699.D
 Acq: 16 Aug 2018 14:16

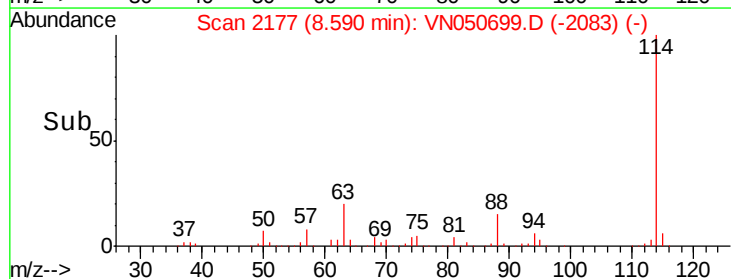
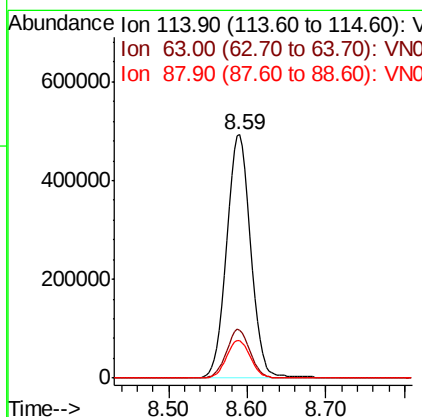
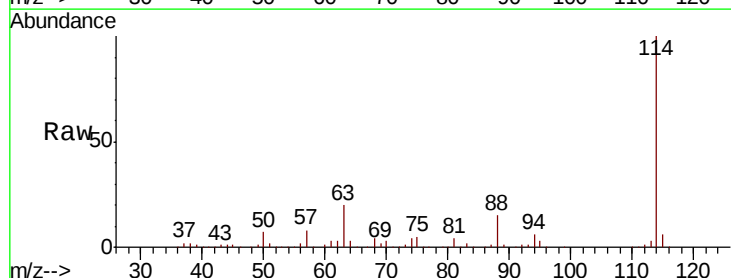
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#04

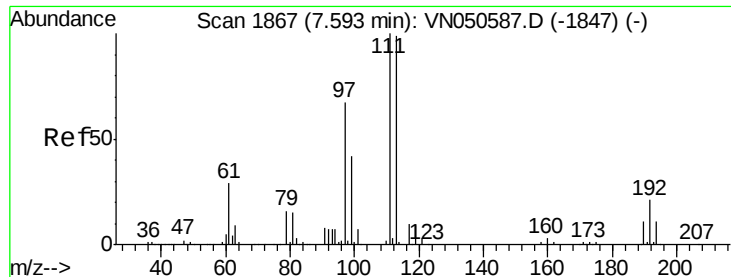
Tot Ion: 65 Resp: 430189
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050699.D
 Acq: 16 Aug 2018 14:16

Tgt Ion: 114 Resp: 1040819
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.5 0.0 30.8

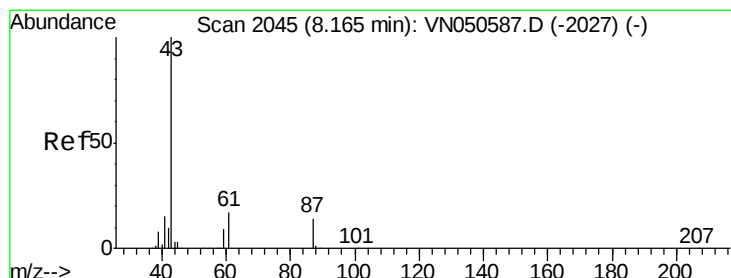
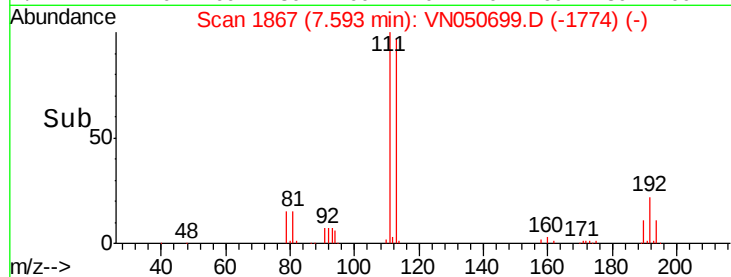
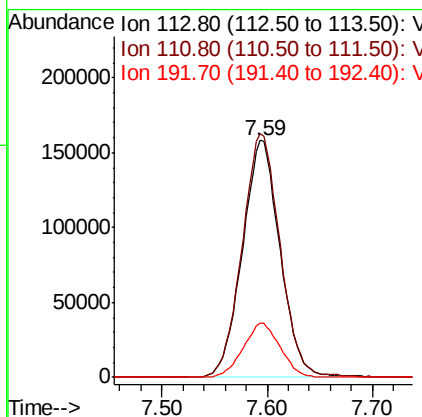
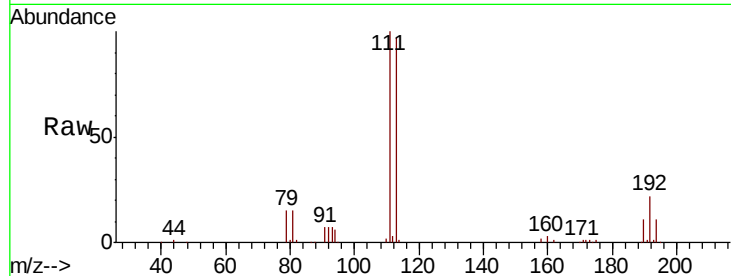




#35
 Dibromofluoromethane
 Concen: 47.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050699.D
 Acq: 16 Aug 2018 14:16

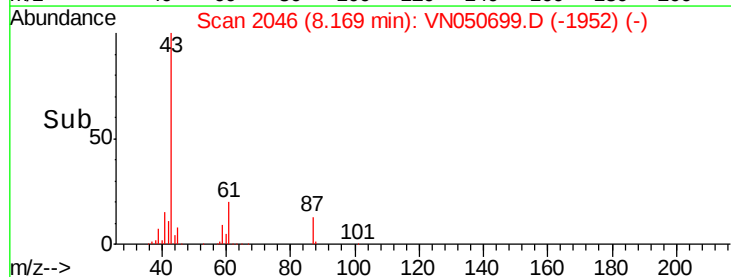
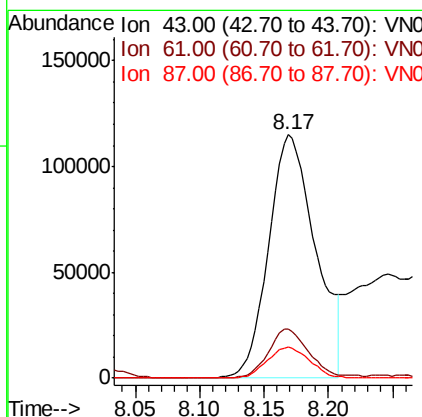
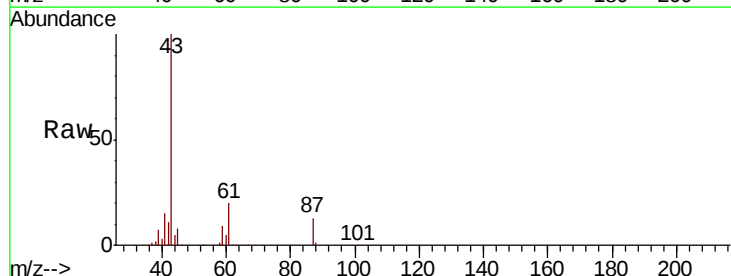
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#04

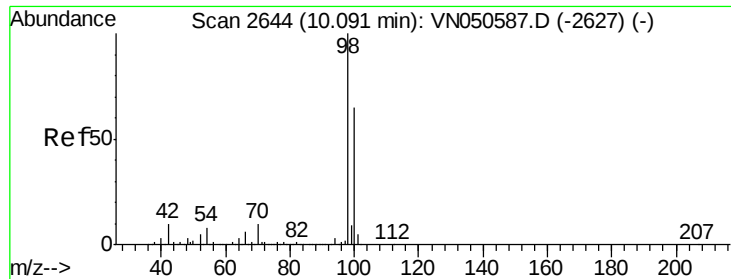
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.6
192	22.6	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 24.43 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050699.D
 Acq: 16 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	16.2	24.2
87	11.6	10.9	16.3

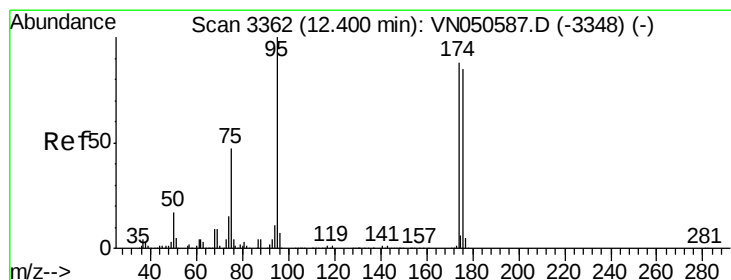
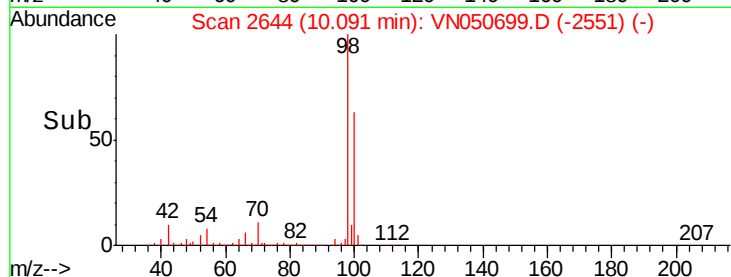
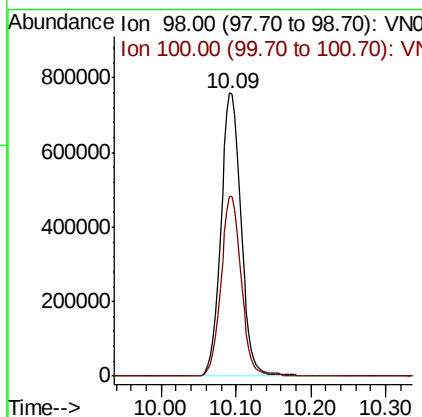
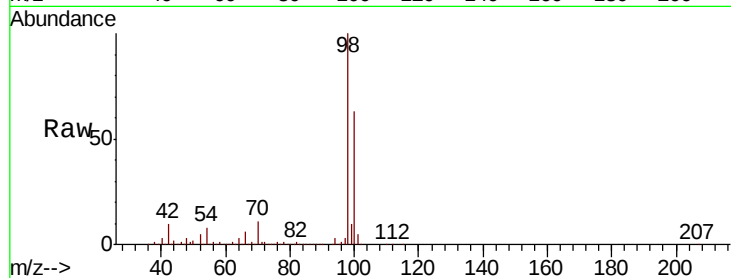




#50
Toluene-d8
Concen: 45.26 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050699.D
Acq: 16 Aug 2018 14:16

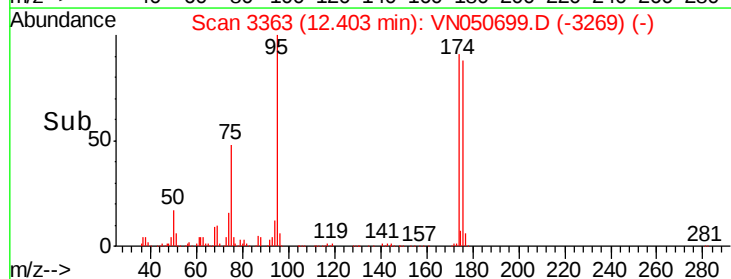
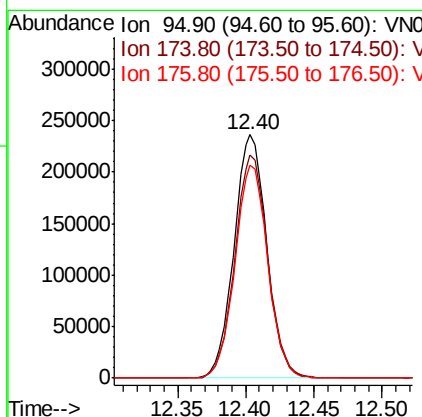
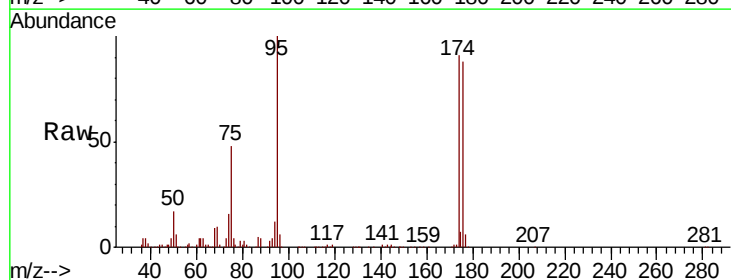
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MSVOA_N
ClientSampleId :
PB112098ZHE#04

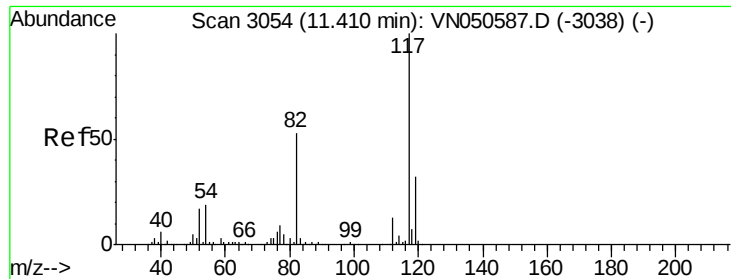
Tot Ion: 98 Resp: 1415485
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.97 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050699.D
Acq: 16 Aug 2018 14:16

Tgt Ion: 95 Resp: 392236
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.8
176 87.9 0.0 175.0

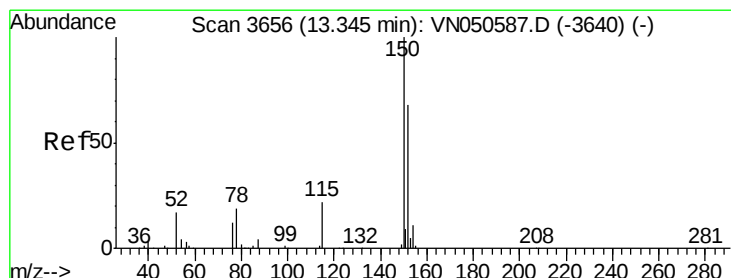
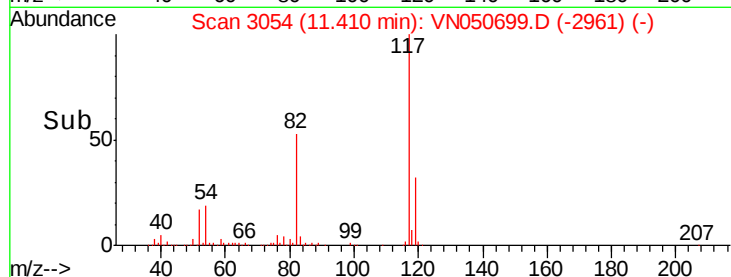
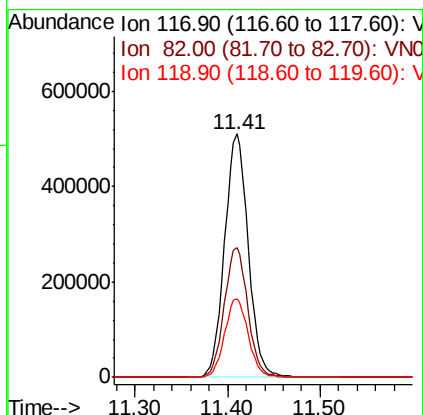
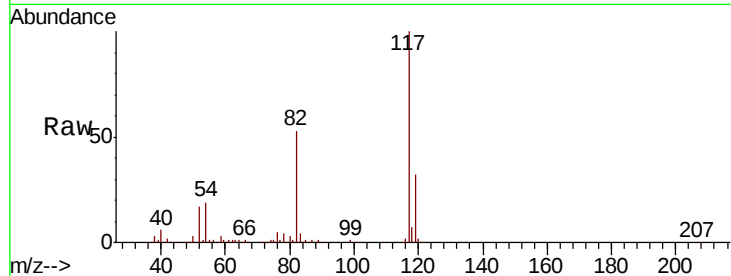




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050699.D
Acq: 16 Aug 2018 14:16

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#04

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	32.4	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: VN050699.D
Acq: 16 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.1	84.2
150	158.8	0.0	347.8

