

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050054.D
 Acq On : 25 Jul 2018 20:10
 Operator : MD\SY
 Sample : PB111424ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

Quant Time: Jul 26 07:17:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315423	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	448409	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.60	113	400431	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	1400308	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.41	95	389006	38.62	ug/l	0.00
Spiked Amount			Recovery	=	77.24%	

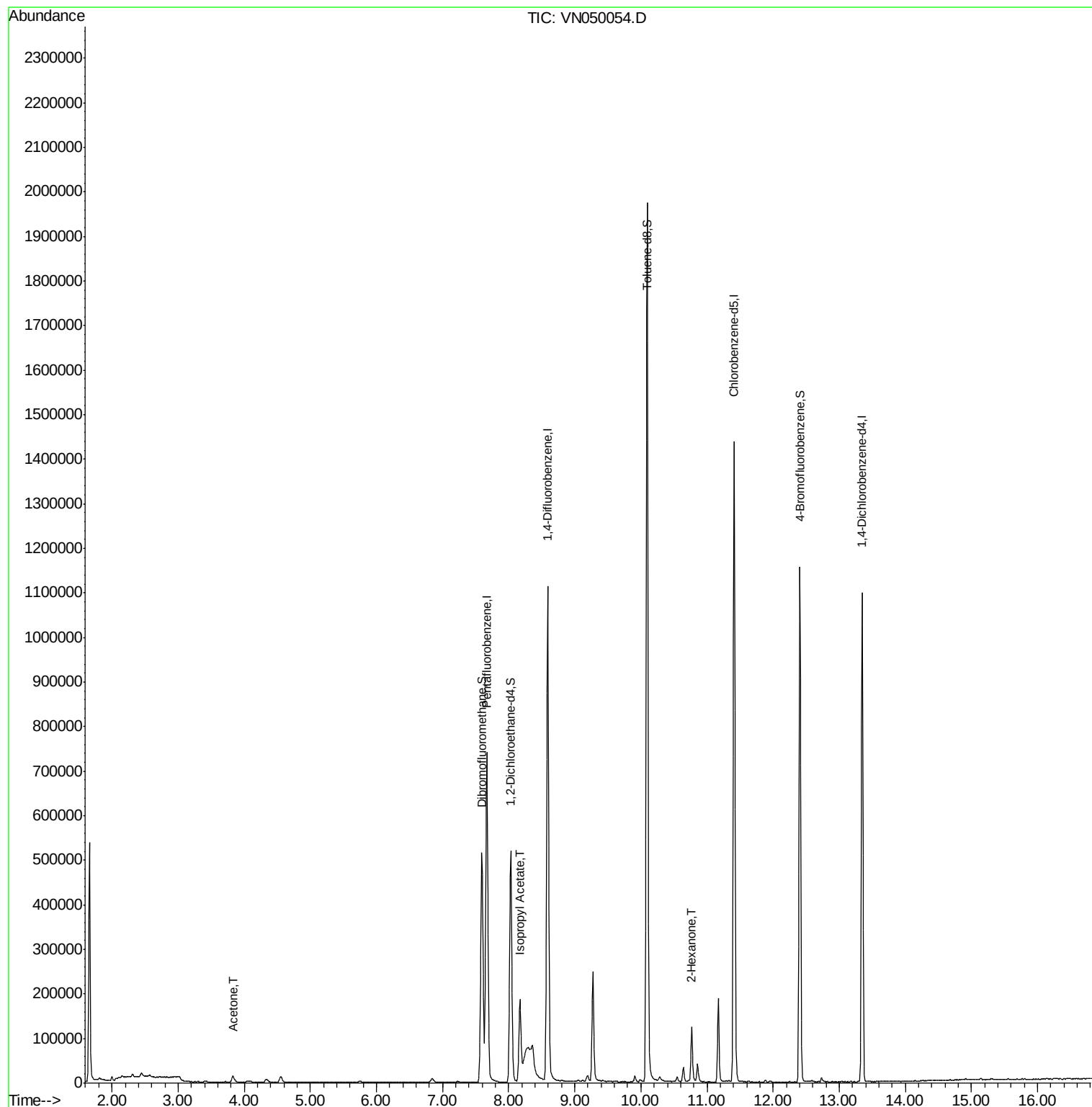
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	24491	7.67	ug/l	98
43) Isopropyl Acetate	8.17	43	225913	14.16	ug/l	100
59) 2-Hexanone	10.77	43	18235	8.26	ug/l	63

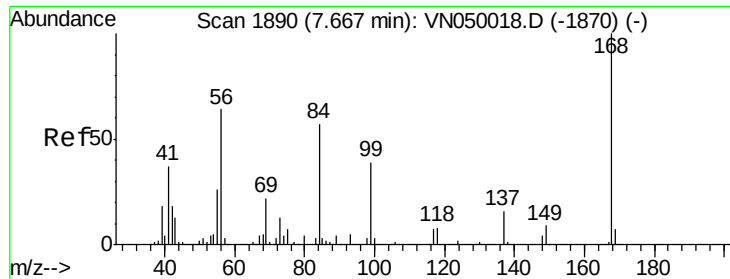
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

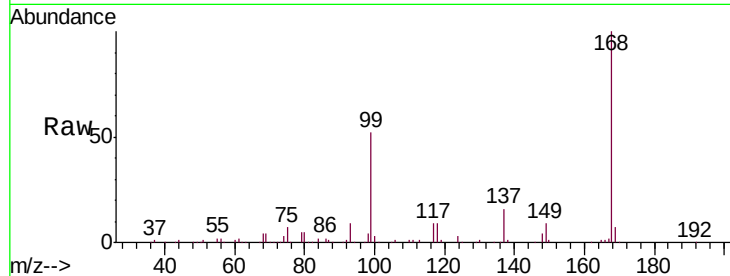
PB111424ZHE#01

Tot Ion:168 Resp: 627161

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

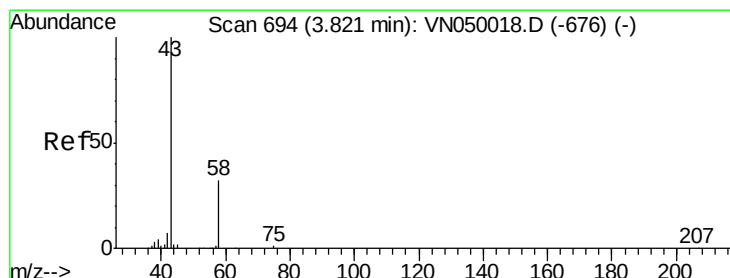
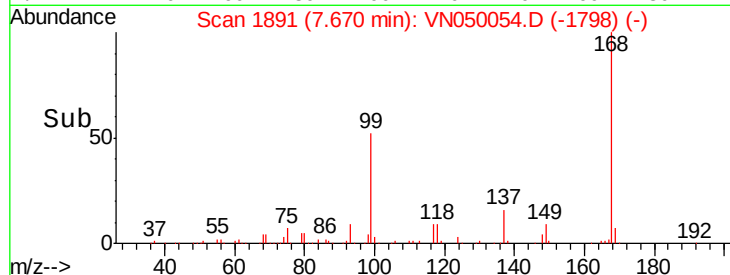
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050054.D

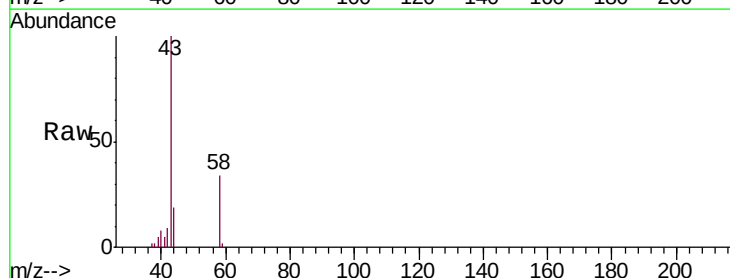
Acq: 25 Jul 2018 20:10

Tgt Ion: 43 Resp: 24491

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

10000

8000

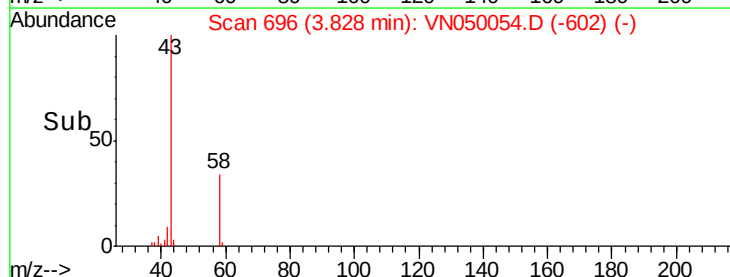
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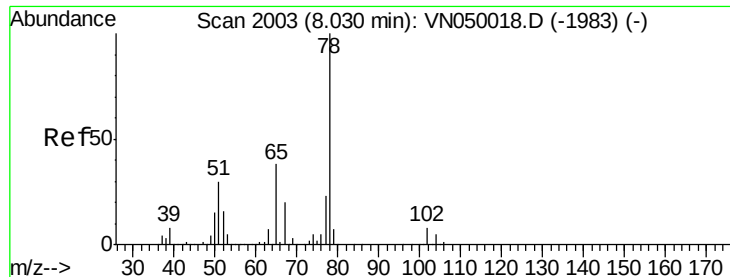
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2000

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Time-->

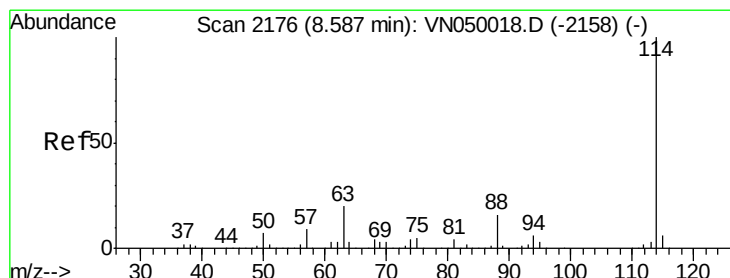
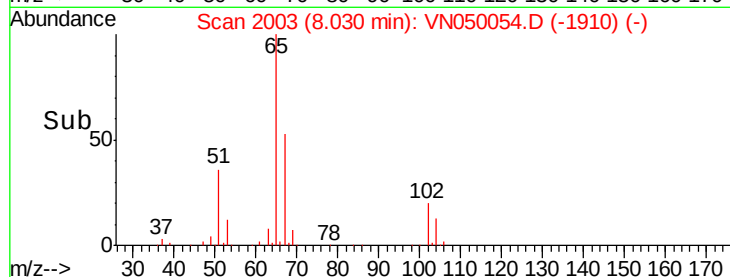
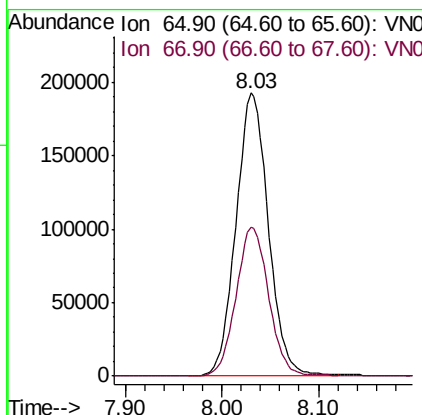
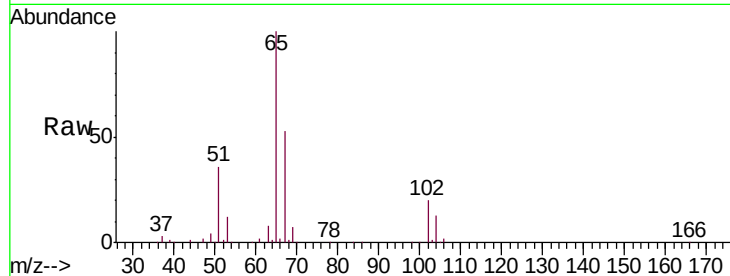




#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

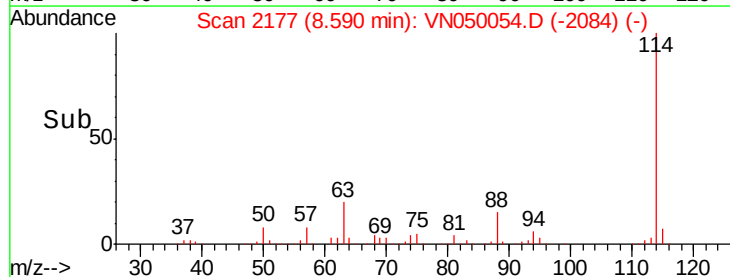
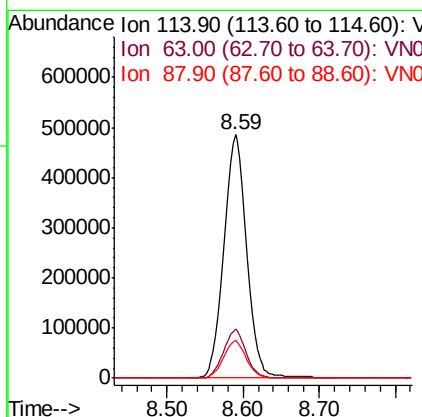
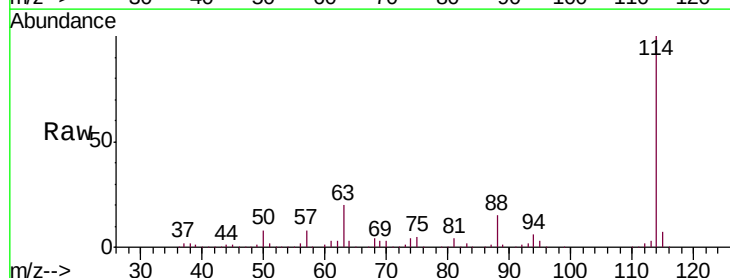
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

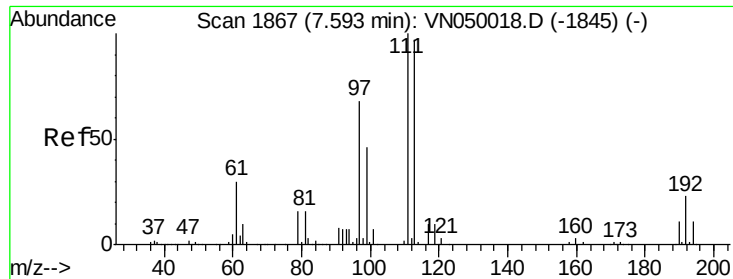
Tot Ion: 65 Resp: 448409
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

Tgt Ion: 114 Resp: 1019084
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2

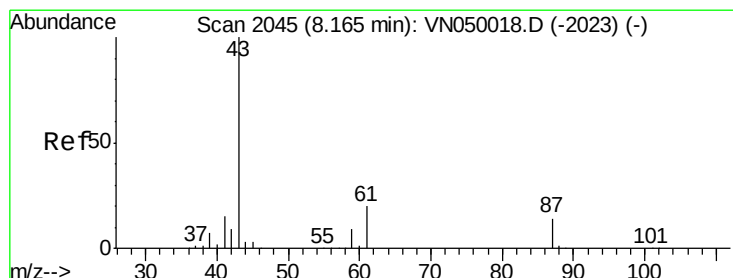
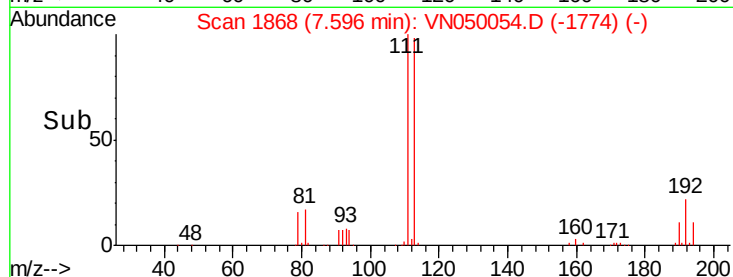
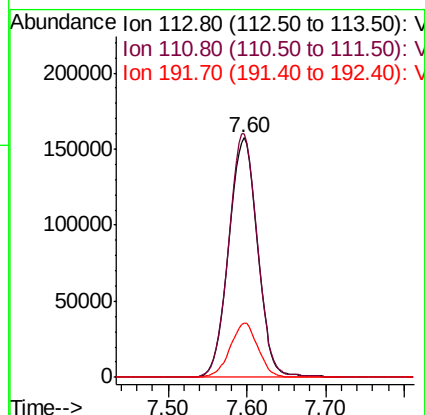
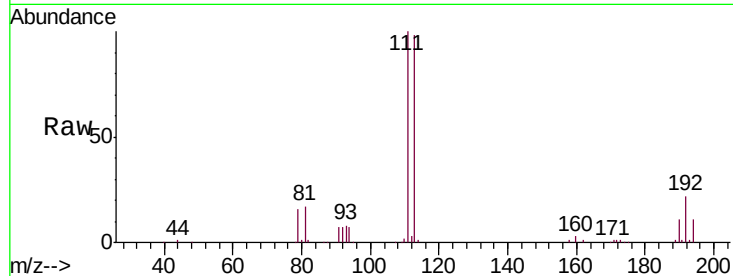




#35
 Dibromofluoromethane
 Concen: 48.13 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

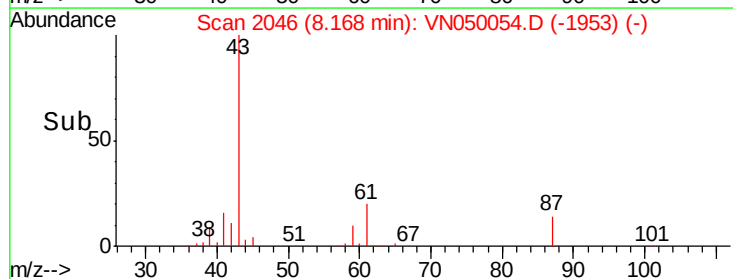
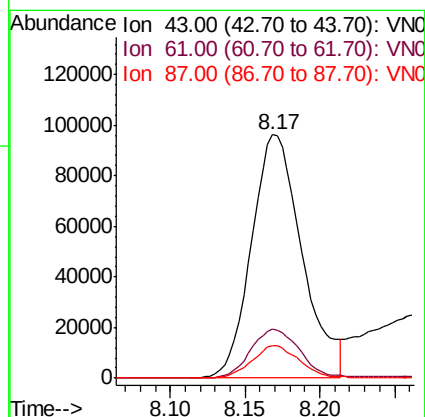
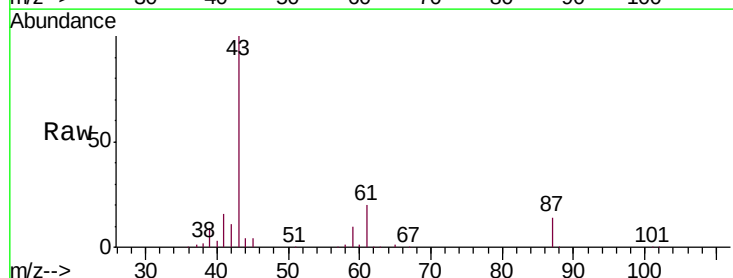
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#01

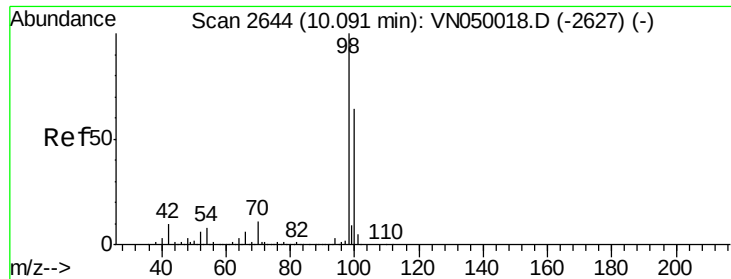
Tot Ion:113 Resp: 400431
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.7 121.1
 192 21.9 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 14.16 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050054.D
 Acq: 25 Jul 2018 20:10

Tgt Ion: 43 Resp: 225913
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.8 23.6
 87 12.5 10.3 15.5

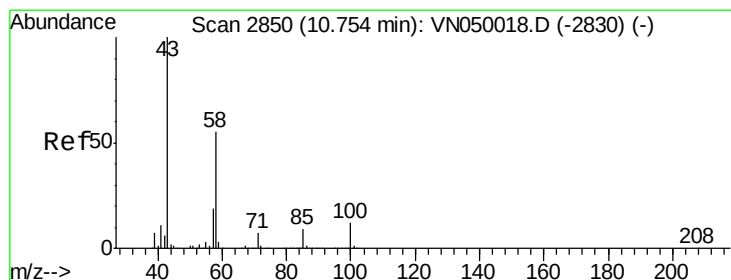
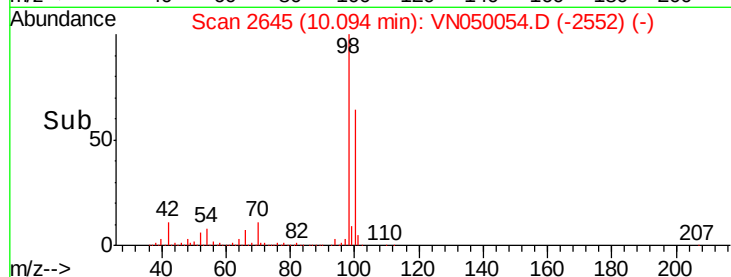
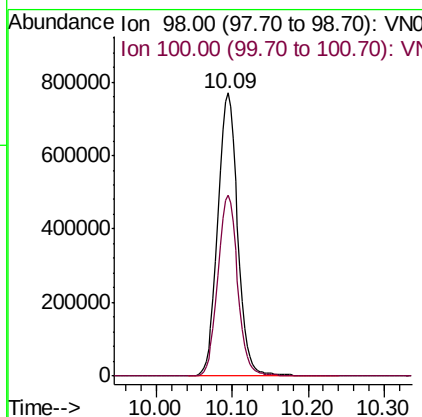
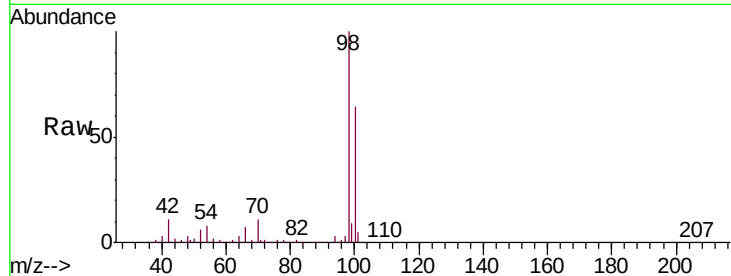




#50
Toluene-d8
Concen: 45.78 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

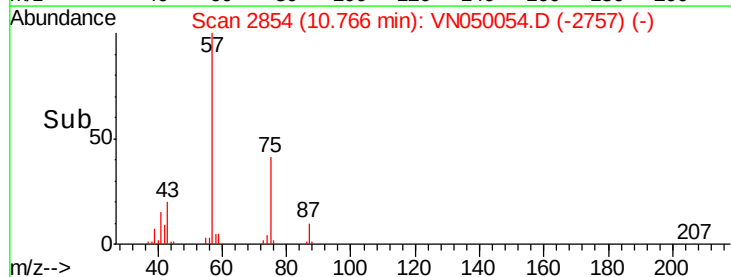
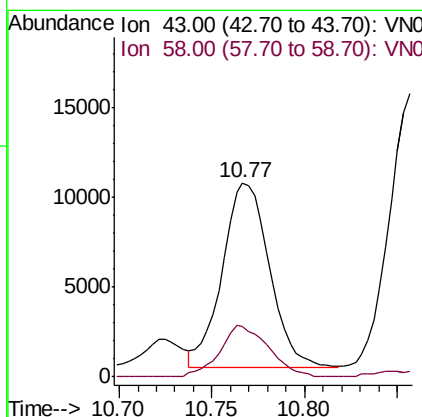
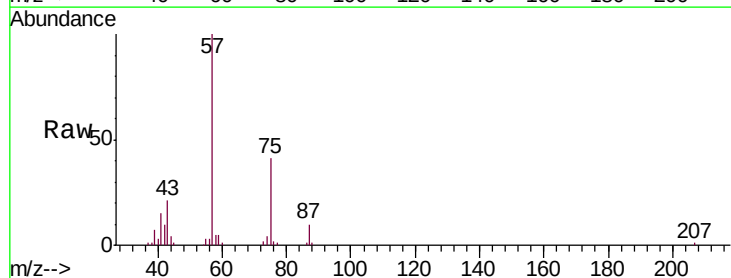
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#01

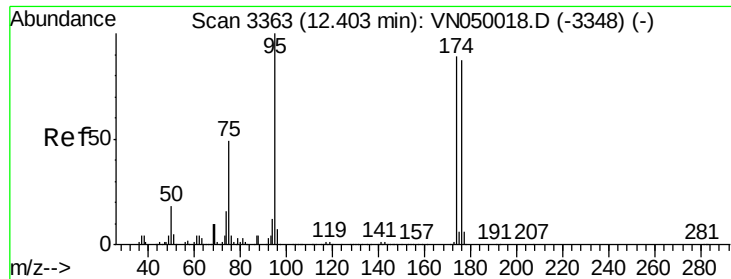
Tot Ion: 98 Resp: 1400308
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#59
2-Hexanone
Concen: 8.26 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

Tgt Ion: 43 Resp: 18235
Ion Ratio Lower Upper
43 100
58 28.7 27.6 82.7

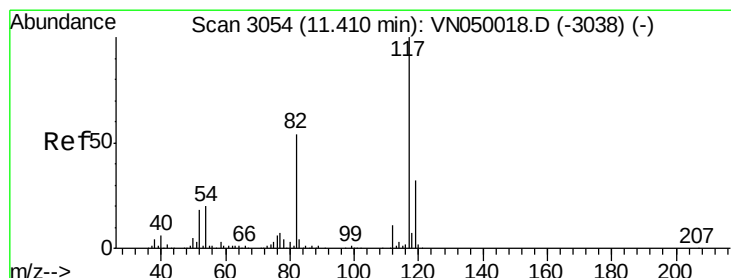
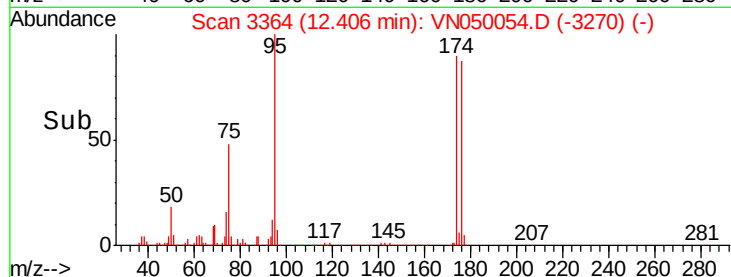
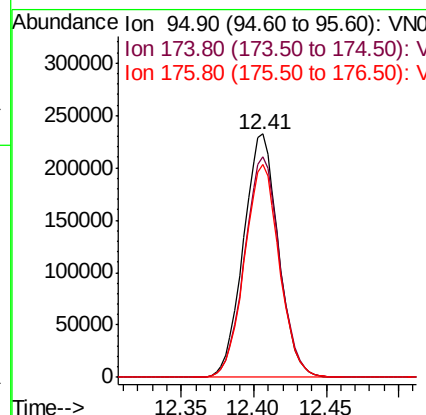
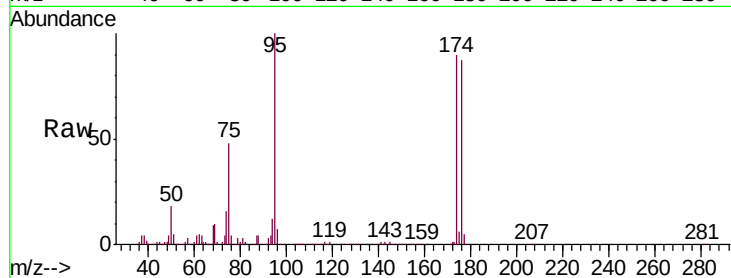




#62
4-Bromofluorobenzene
Concen: 38.62 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

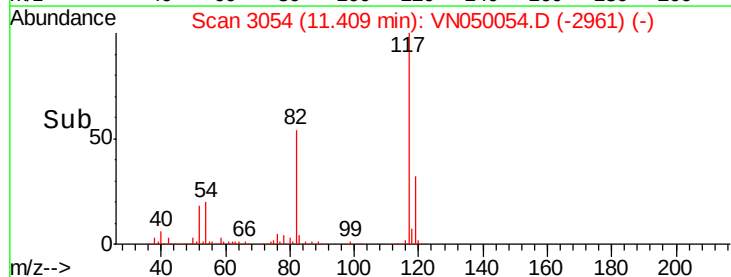
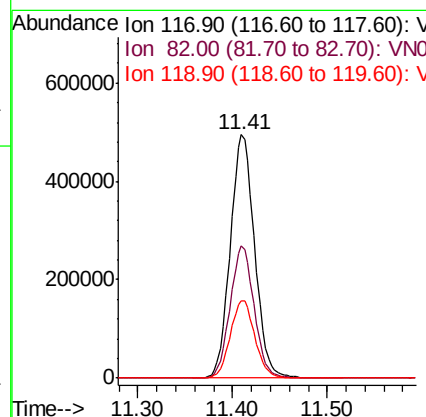
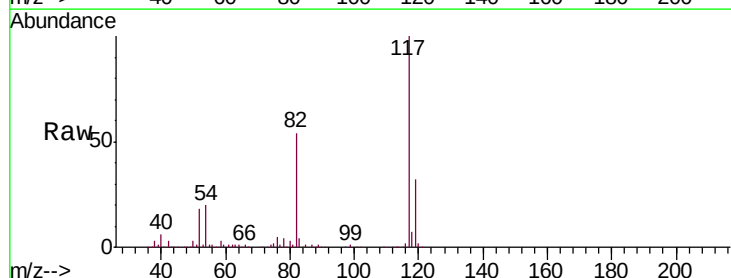
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#01

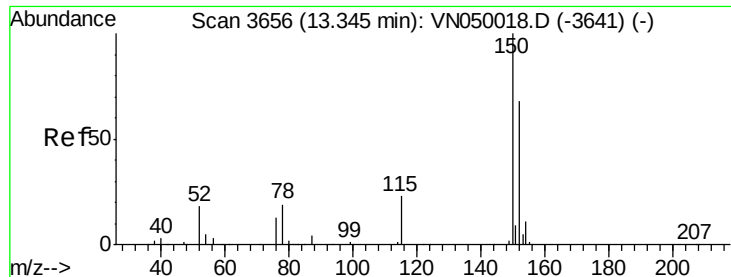
Tot Ion: 95 Resp: 389006
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.4 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050054.D
Acq: 25 Jul 2018 20:10

Tgt Ion: 117 Resp: 883164
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 31.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050054.D

Acq: 25 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#01

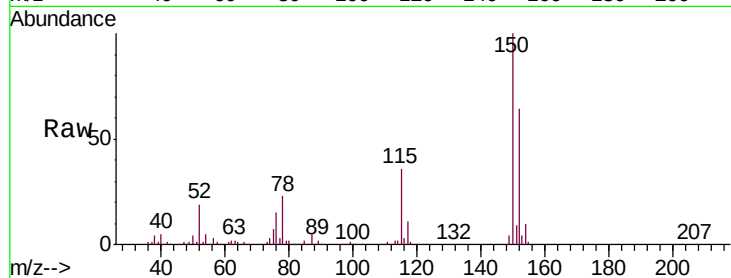
Tot Ion:152 Resp: 315423

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

150 153.9 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

