

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050149.D
 Acq On : 27 Jul 2018 23:17
 Operator : MD\SY
 Sample : PB111513ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#09

Quant Time: Jul 28 01:26:26 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

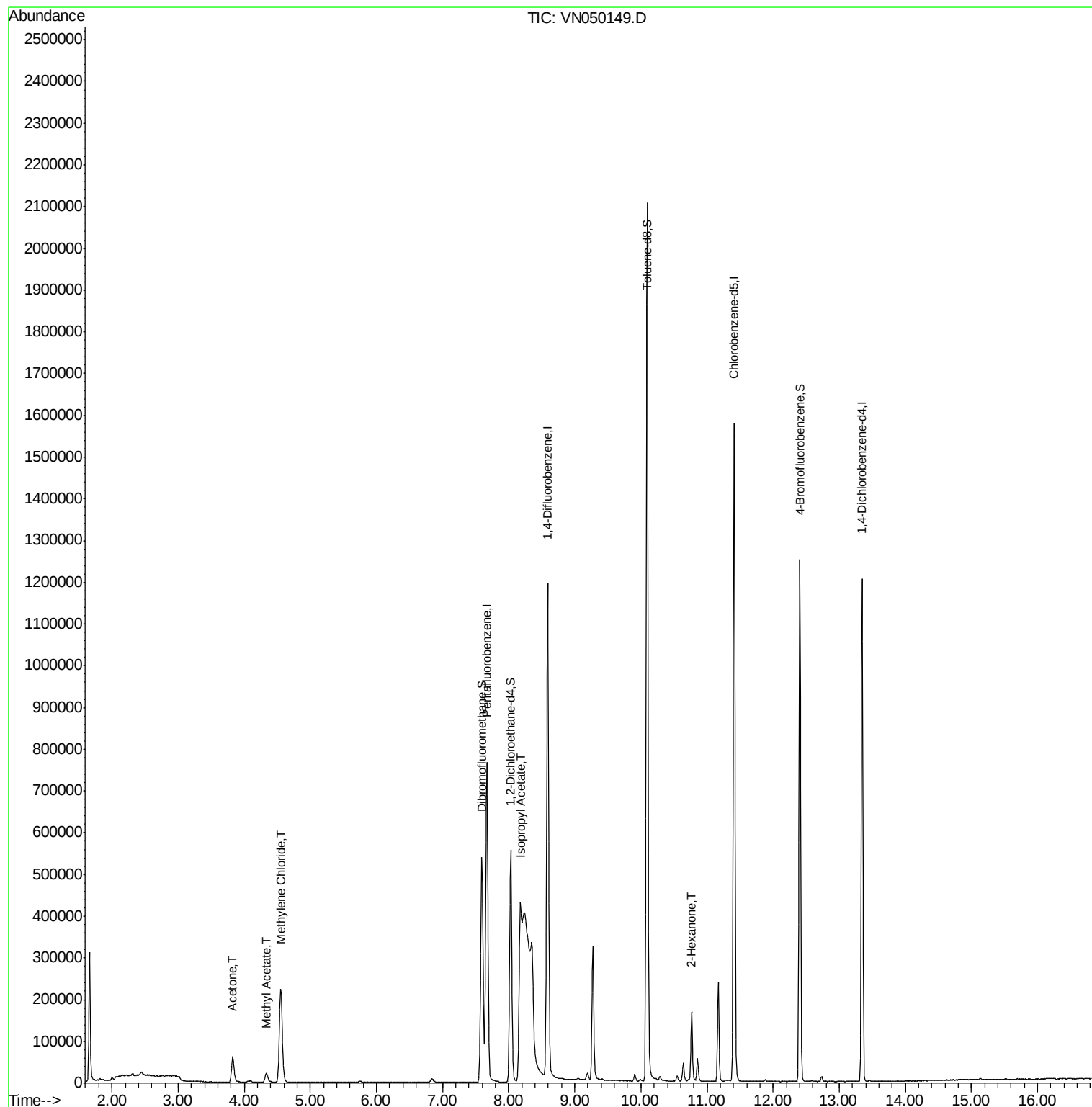
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	339718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468748	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	412507	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	10.09	98	1500506	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	419440	38.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.96%	
Target Compounds						
16) Acetone	3.82	43	104103	44.733	ug/l	Qvalue 100
18) Methyl Acetate	4.34	43	42813	3.594	ug/l	98
20) Methylene Chloride	4.55	84	177627	21.170	ug/l	99
43) Isopropyl Acetate	8.18	43	513163	31.004	ug/l #	84
59) 2-Hexanone	10.77	43	24360	8.987	ug/l #	55

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050149.D

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MSVOA_N

ClientSampleId :

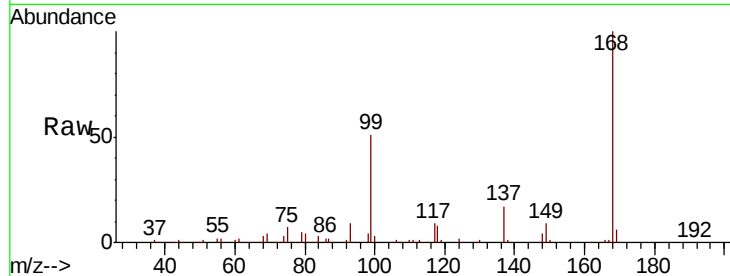
PB111513ZHE#09

Tot Ion:168 Resp: 655848

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

150000

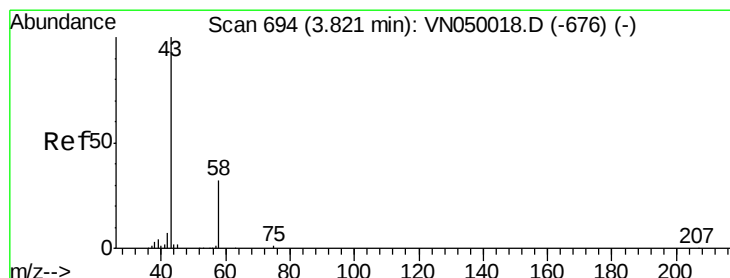
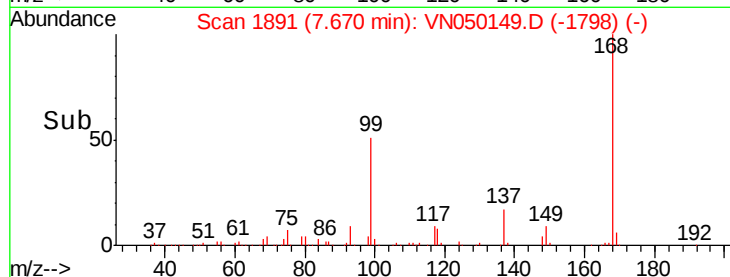
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 44.733 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050149.D

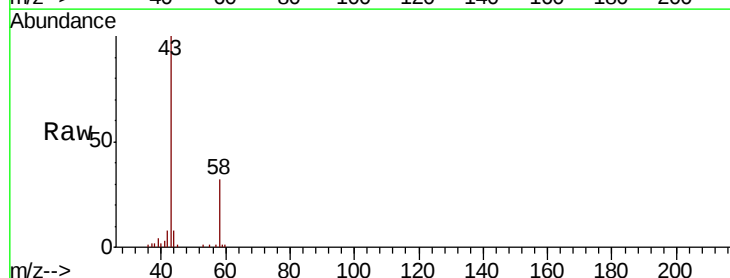
Acq: 27 Jul 2018 23:17

Tgt Ion: 43 Resp: 104103

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

40000

30000

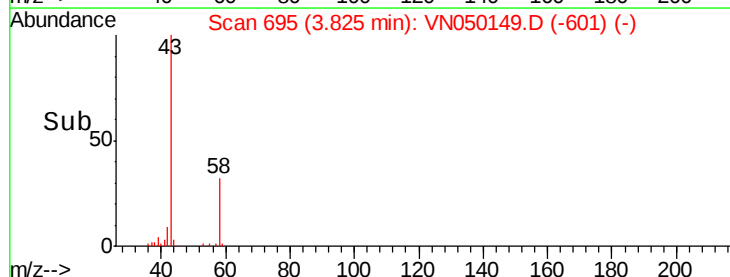
20000

10000

0

3.70 3.80 3.90

Time-->

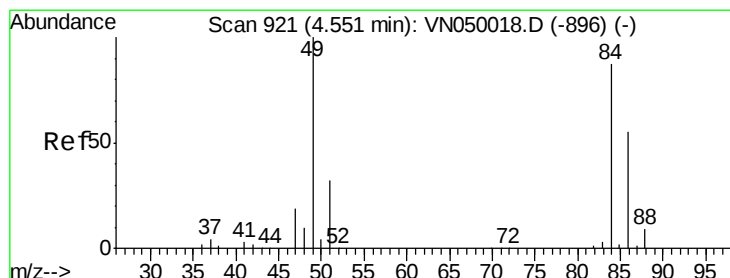
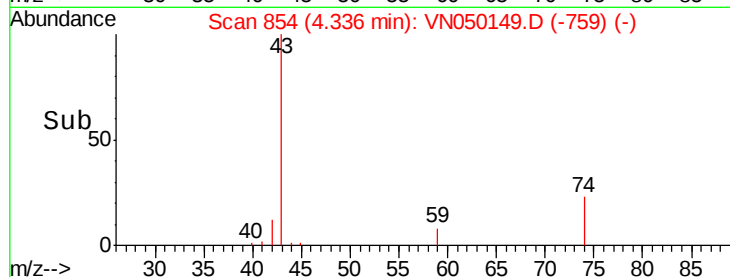
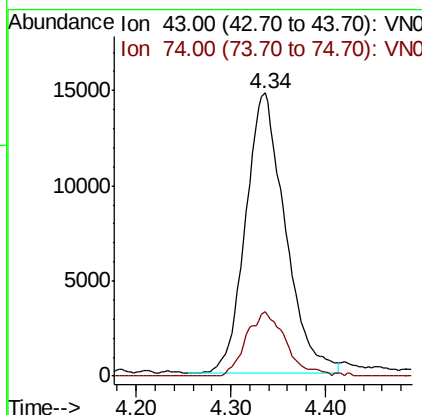
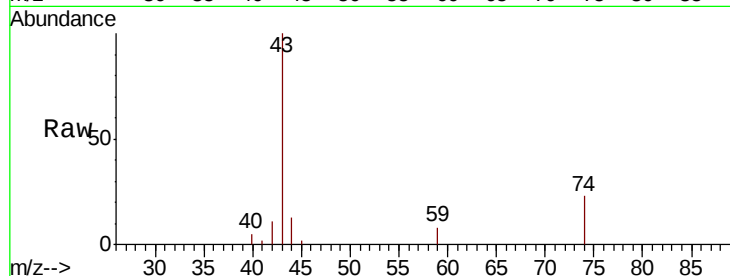




#18
Methyl Acetate
Concen: 3.594 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

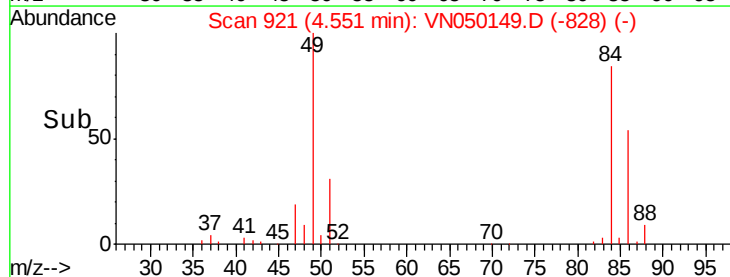
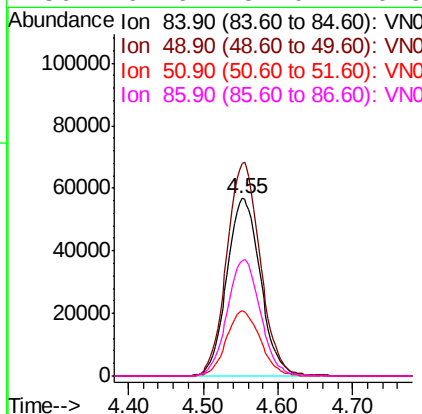
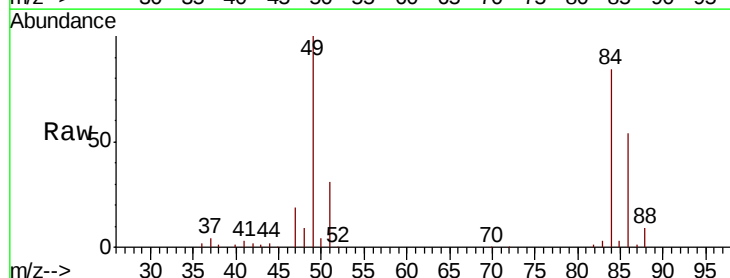
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#09

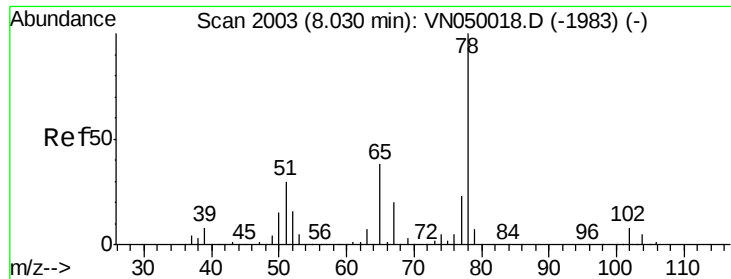
Tot Ion: 43 Resp: 42813
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 21.170 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

Tgt Ion: 84 Resp: 177627
Ion Ratio Lower Upper
84 100
49 119.2 94.8 142.2
51 36.6 28.3 42.5
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.226 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050149.D

Acq: 27 Jul 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

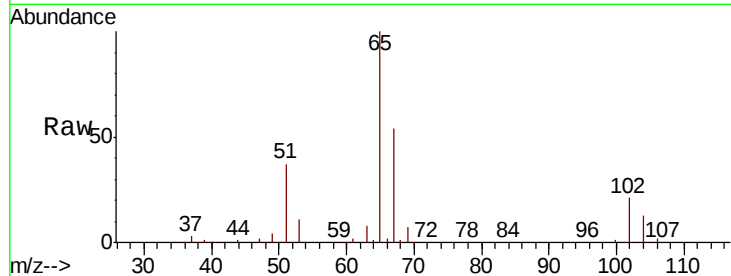
PB111513ZHE#09

Tot Ion: 65 Resp: 468748

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

150000

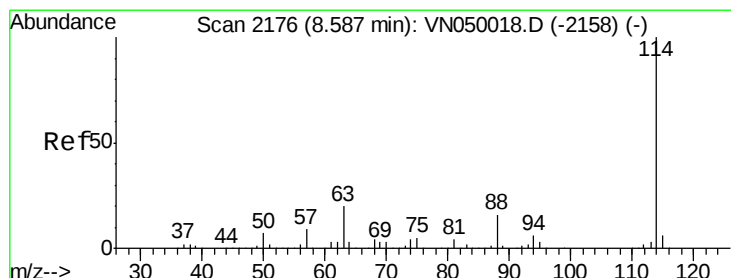
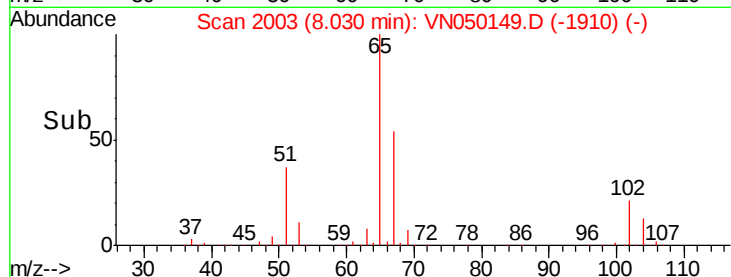
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050149.D

Acq: 27 Jul 2018 23:17

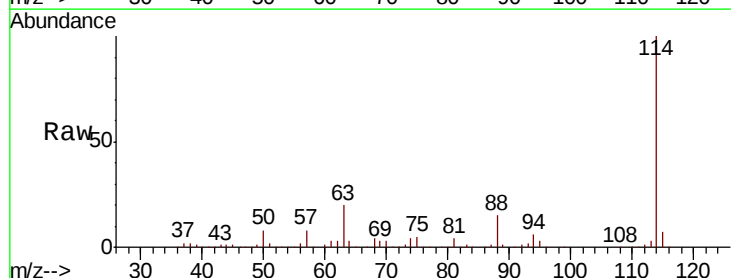
Tgt Ion:114 Resp: 1102781

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

600000

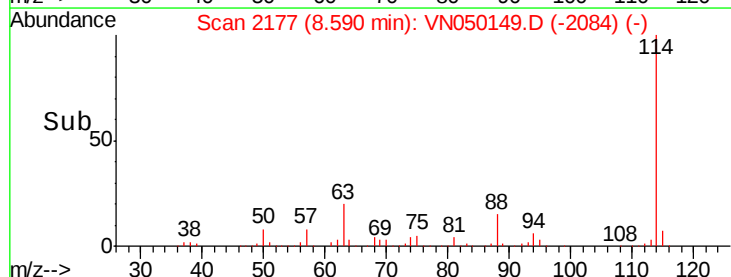
400000

200000

0

8.50 8.60 8.70 8.80

Time-->

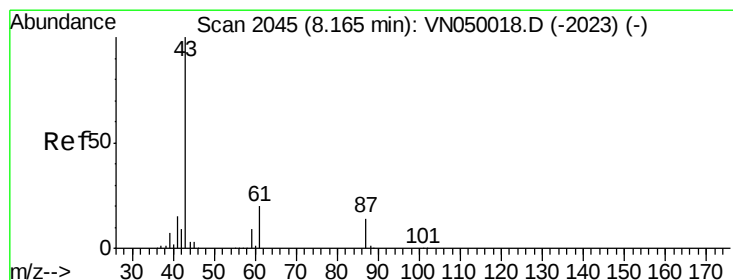
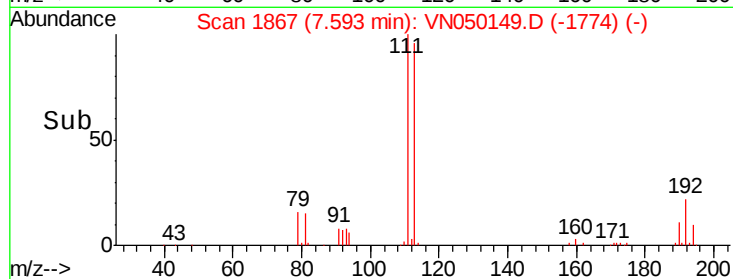
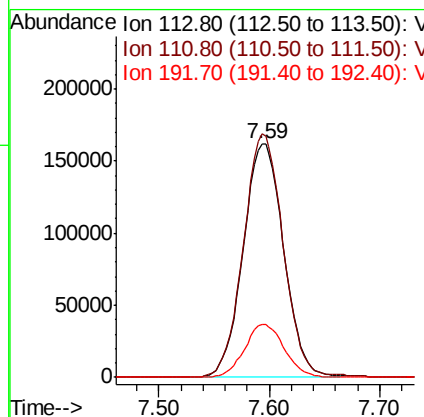
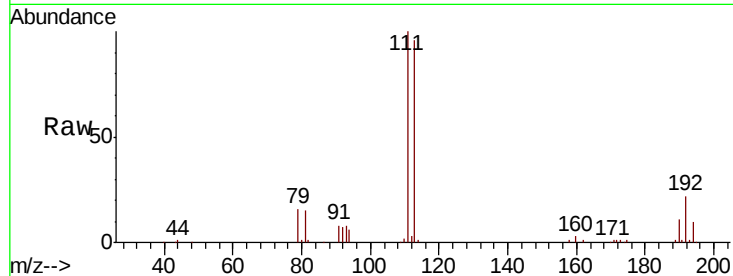




#35
 Dibromofluoromethane
 Concen: 45.814 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050149.D
 Acq: 27 Jul 2018 23:17

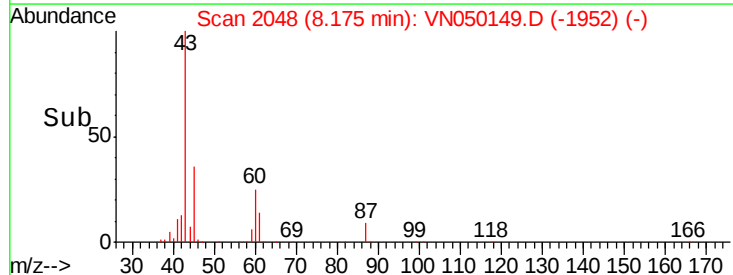
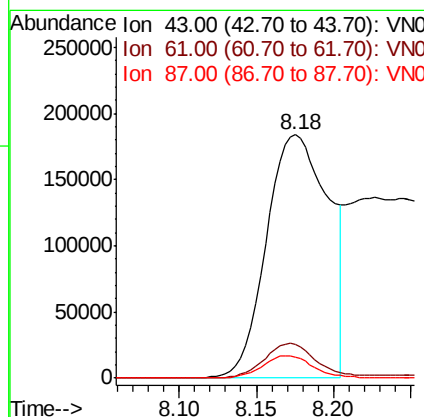
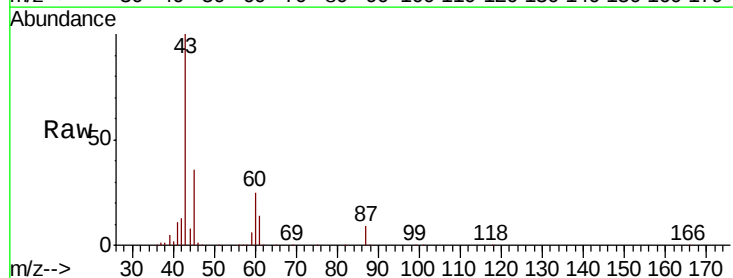
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#09

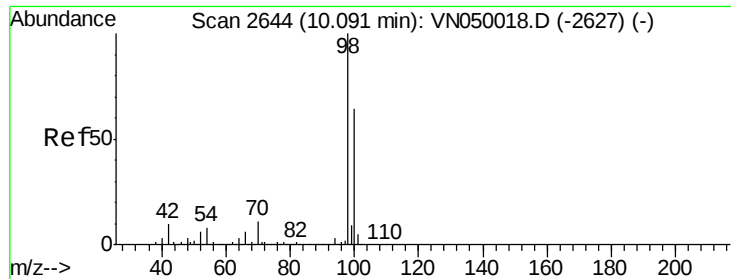
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	22.3	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 31.004 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050149.D
 Acq: 27 Jul 2018 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.9	15.8	23.6#
87	7.6	10.3	15.5#

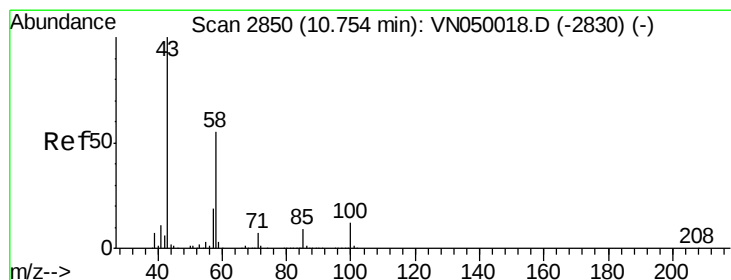
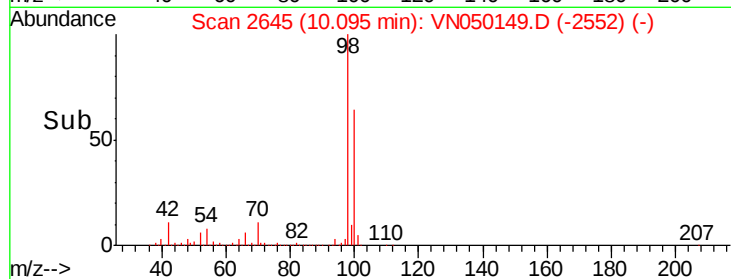
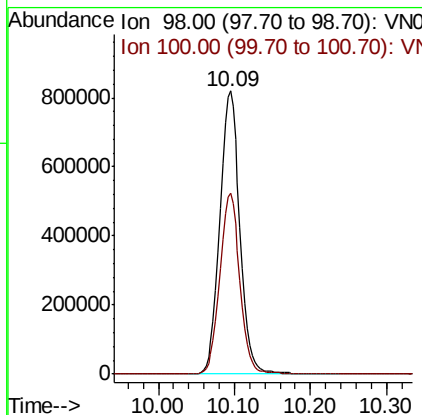
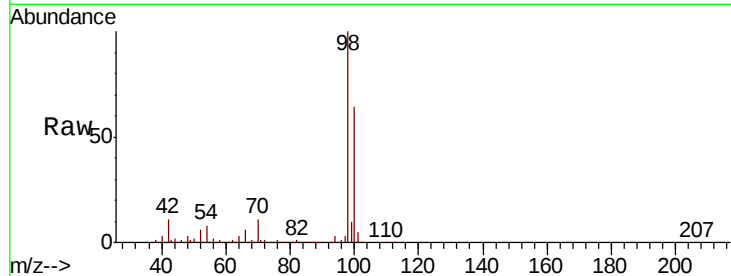




#50
Toluene-d8
Concen: 45.330 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

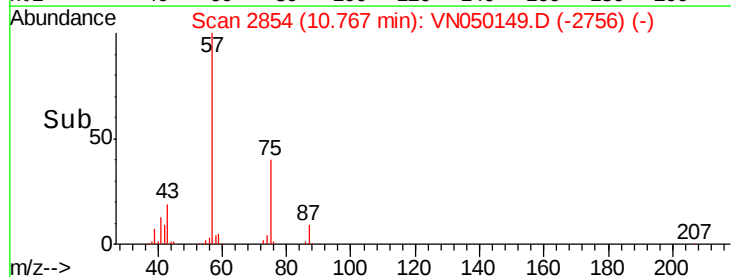
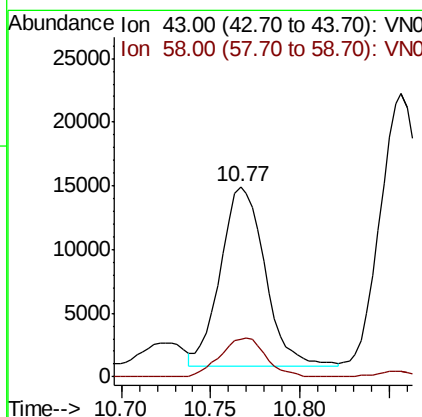
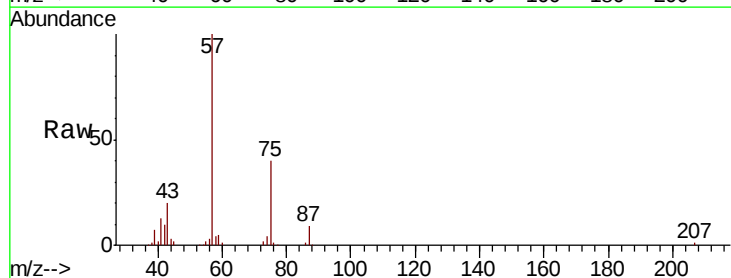
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#09

Tot Ion: 98 Resp: 1500506
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#59
2-Hexanone
Concen: 8.987 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

Tgt Ion: 43 Resp: 24360
Ion Ratio Lower Upper
43 100
58 22.3 27.6 82.7#

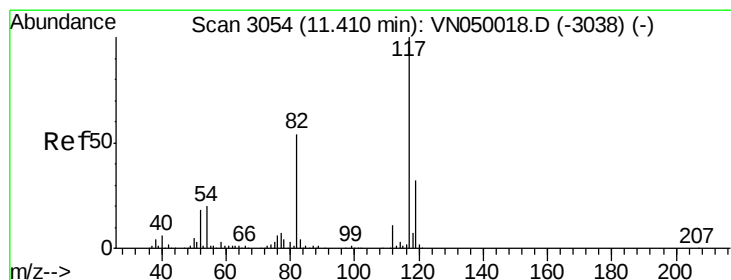
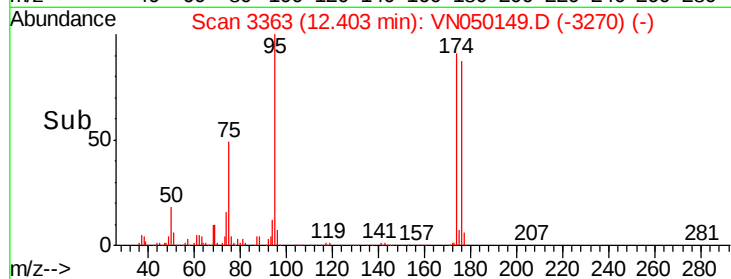
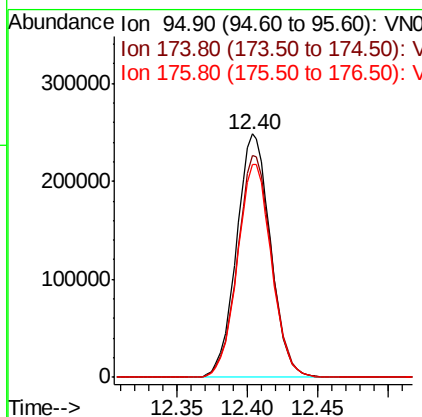
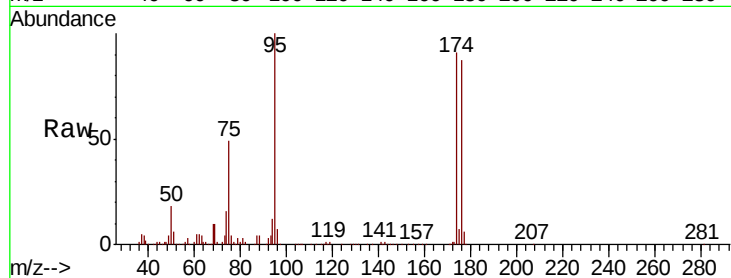




#62
4-Bromofluorobenzene
Concen: 38.482 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

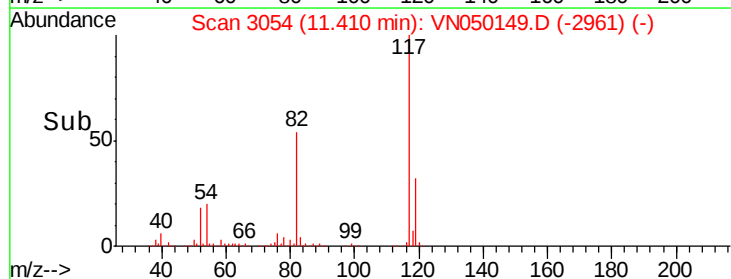
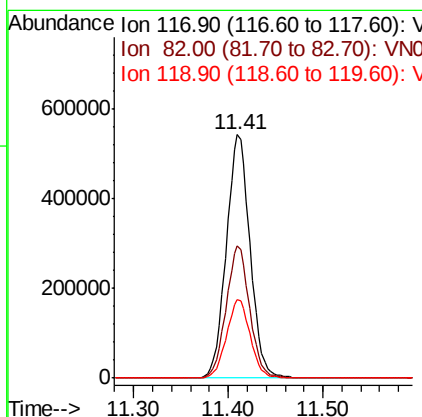
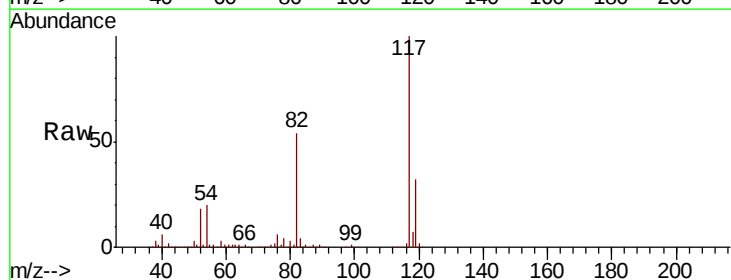
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#09

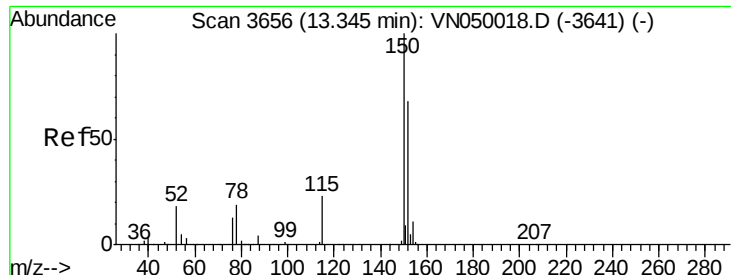
Tot Ion: 95 Resp: 419440
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 87.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050149.D
Acq: 27 Jul 2018 23:17

Tgt Ion: 117 Resp: 943227
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050149.D

Acq: 27 Jul 2018 23:17

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#09

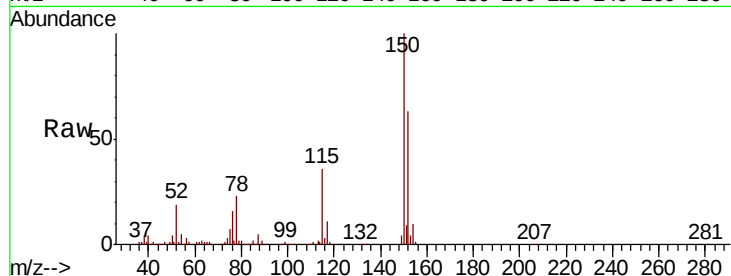
Tot Ion:152 Resp: 339718

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

150 156.9 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

