

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050487.D
 Acq On : 9 Aug 2018 15:51
 Operator : MD\SY
 Sample : PB111888ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#03

Quant Time: Aug 10 05:38:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	772113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1243311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1073897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416783	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	506344	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
35) Dibromofluoromethane	7.59	113	466573	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	10.09	98	1692573	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	493150	38.58	ug/l	0.00
Spiked Amount			Recovery	=	77.16%	

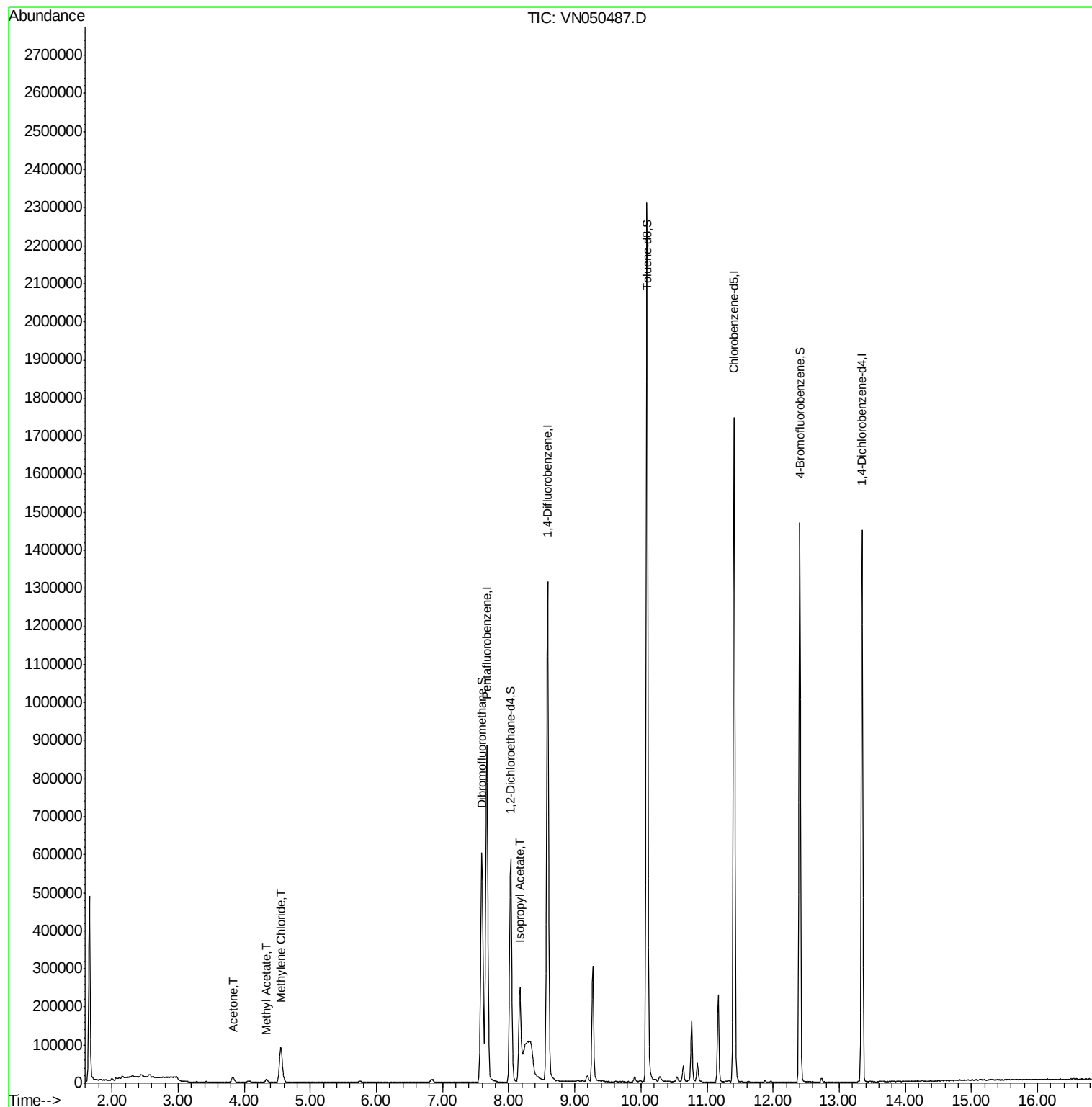
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24174	7.51	ug/l	98
18) Methyl Acetate	4.33	43	14295	1.60	ug/l	97
20) Methylene Chloride	4.55	84	73815	6.50	ug/l	99
43) Isopropyl Acetate	8.17	43	317850	18.72	ug/l	99

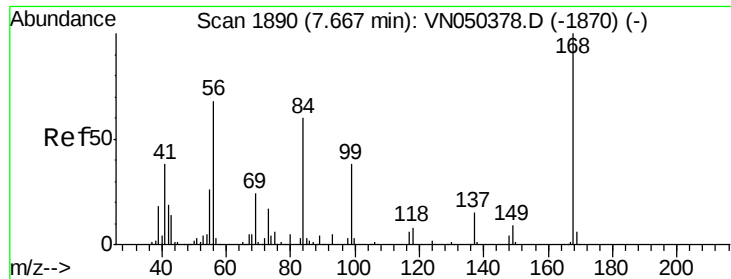
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050487.D

Acq: 9 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

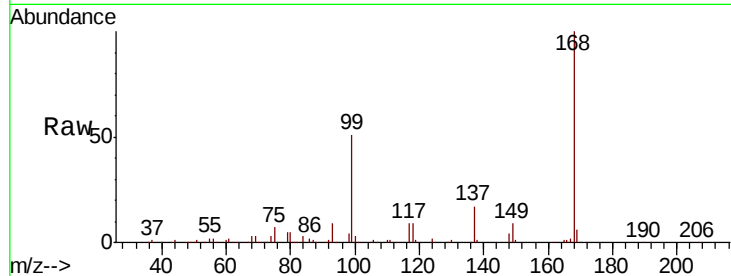
PB111888ZHE#03

Tot Ion:168 Resp: 772113

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): VN

7.67

300000

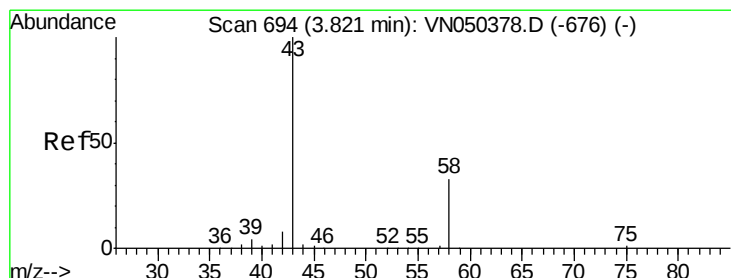
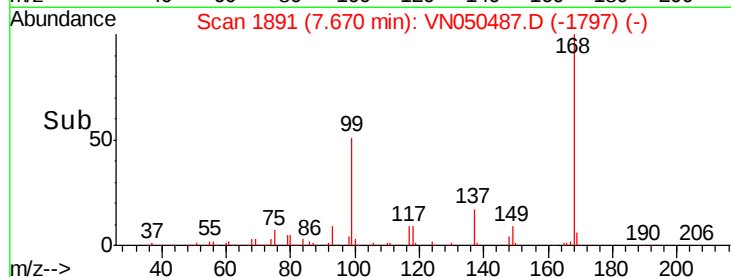
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 7.51 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050487.D

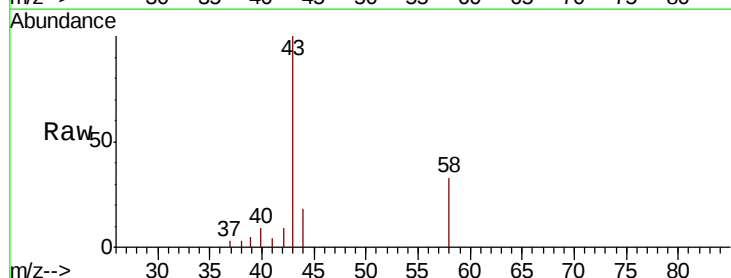
Acq: 9 Aug 2018 15:51

Tgt Ion: 43 Resp: 24174

Ion Ratio Lower Upper

43 100

58 33.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

10000

8000

6000

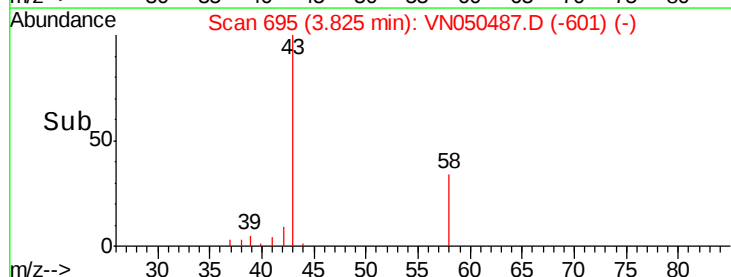
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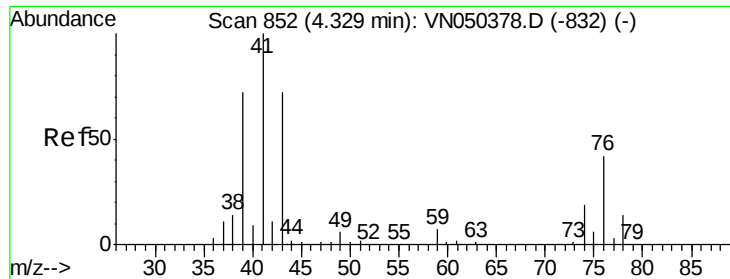
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0

Time-->

3.70 3.75 3.80 3.85 3.90

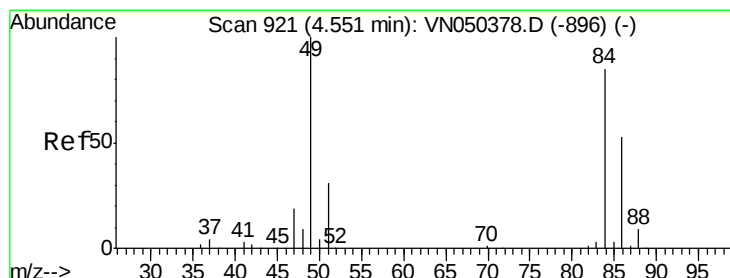
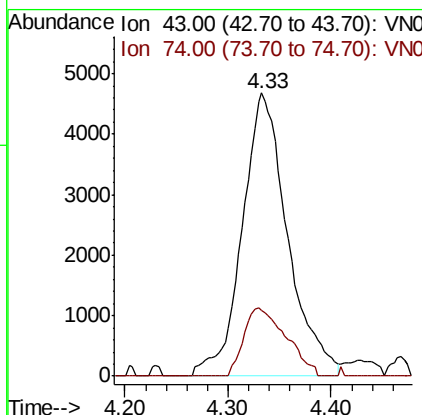
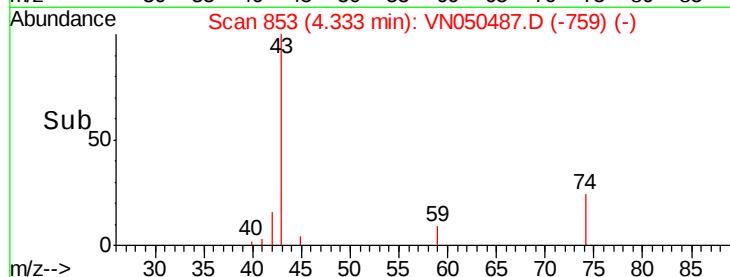
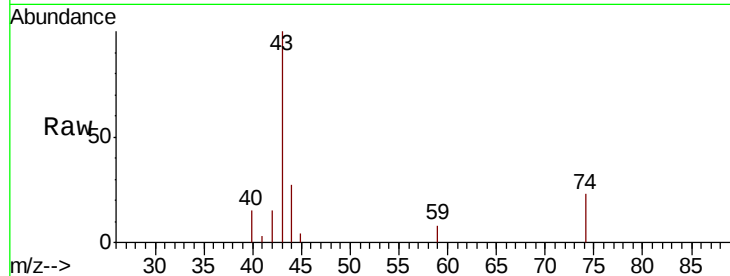




#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050487.D
Acq: 9 Aug 2018 15:51

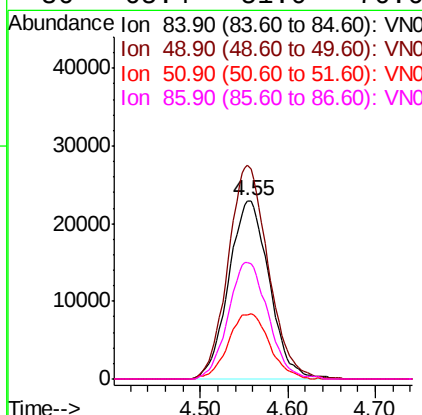
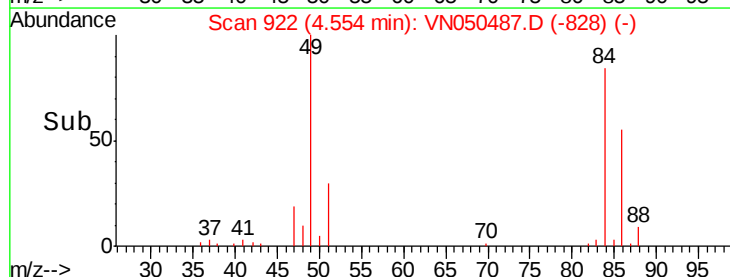
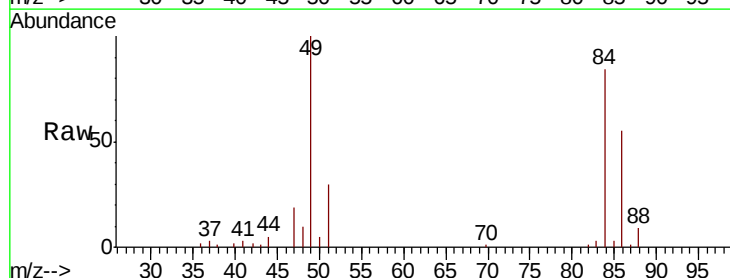
Instrument :
MSVOA_N
ClientSampleId :
PB111888ZHE#03

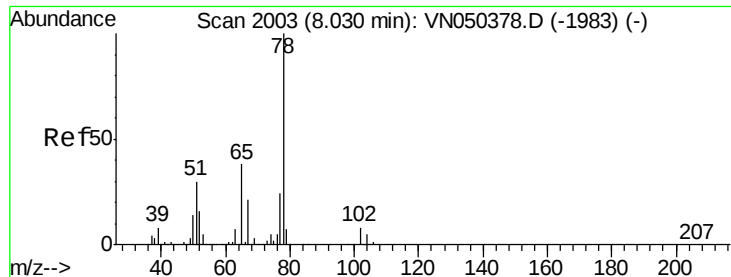
Tot Ion: 43 Resp: 14295
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 6.50 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050487.D
Acq: 9 Aug 2018 15:51

Tgt Ion: 84 Resp: 73815
Ion Ratio Lower Upper
84 100
49 119.7 94.8 142.2
51 36.1 28.3 42.5
86 65.4 51.0 76.6

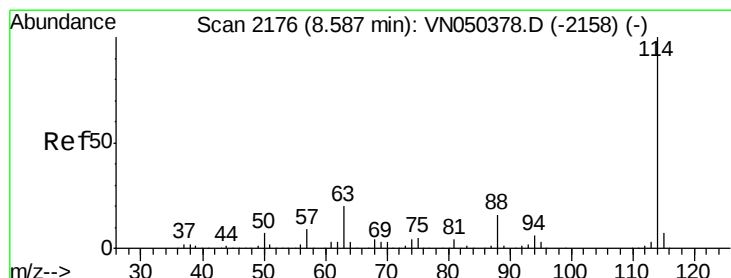
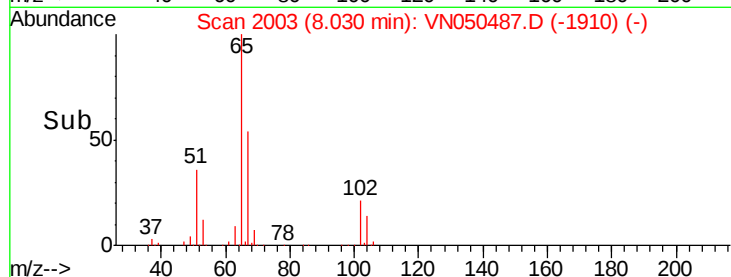
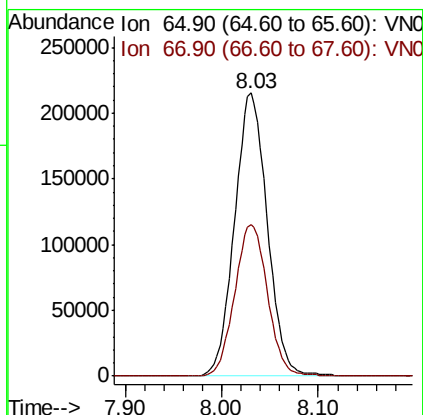
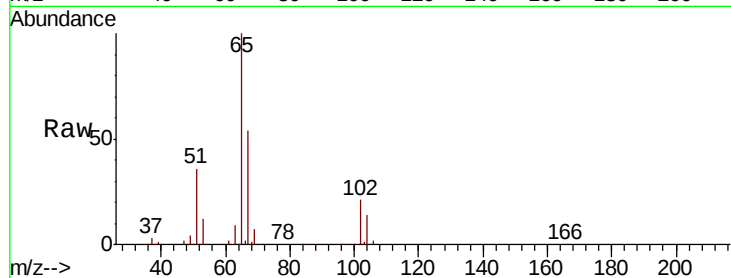




#33
 1,2-Dichloroethane-d4
 Concen: 49.08 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050487.D
 Acq: 9 Aug 2018 15:51

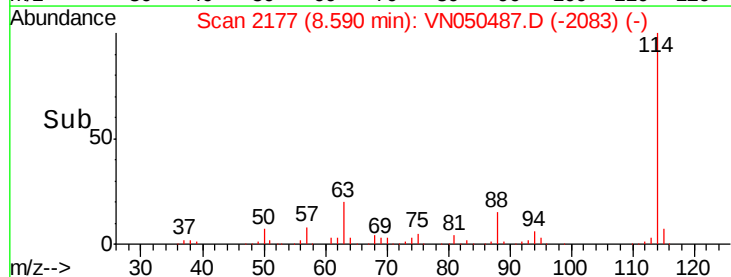
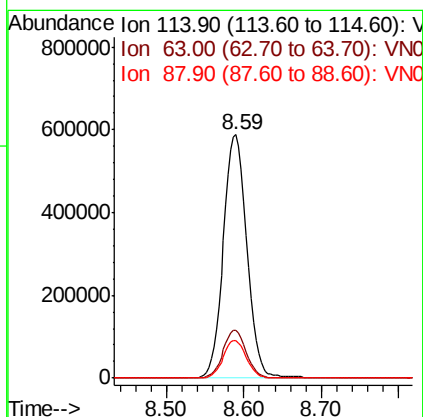
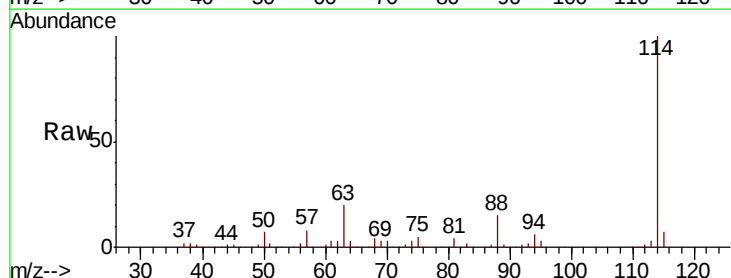
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#03

Tot Ion: 65 Resp: 506344
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VN050487.D
 Acq: 9 Aug 2018 15:51

Tgt Ion: 114 Resp: 1243311
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.3 0.0 31.2

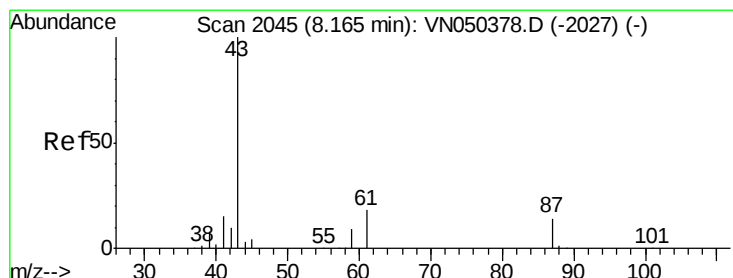
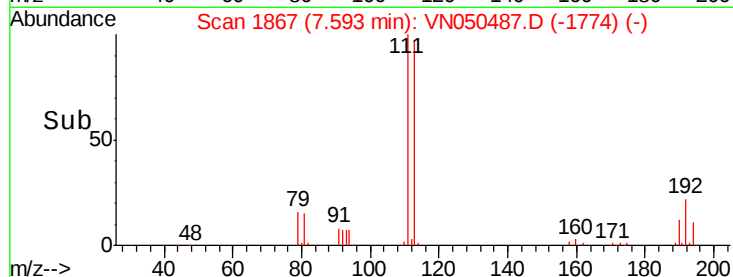
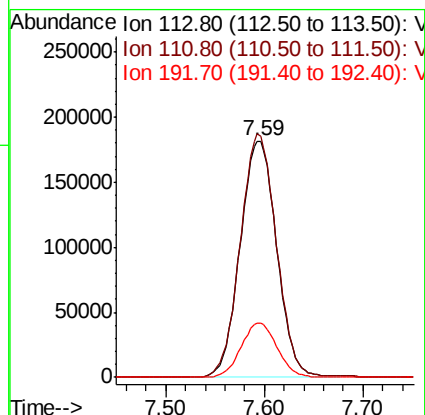
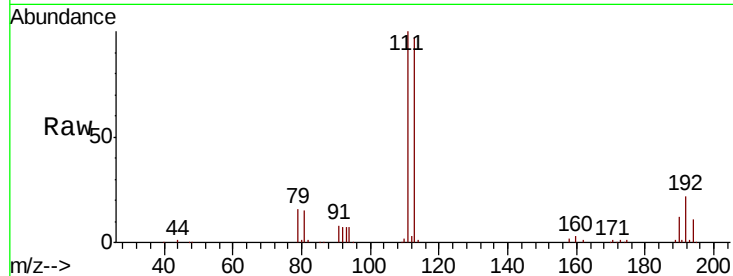




#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050487.D
 Acq: 9 Aug 2018 15:51

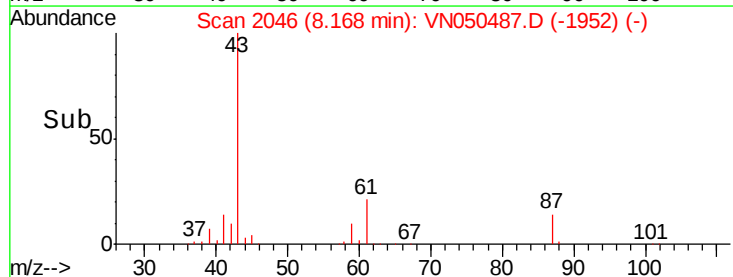
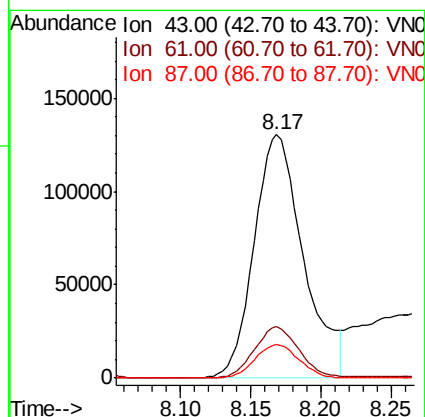
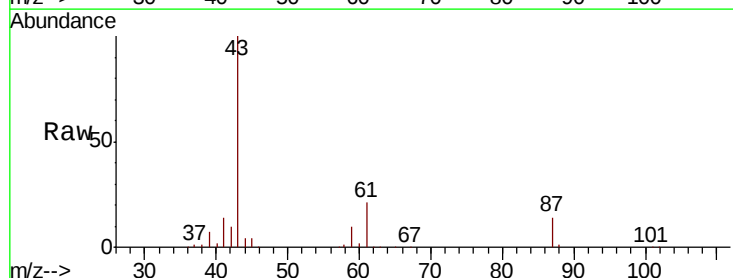
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#03

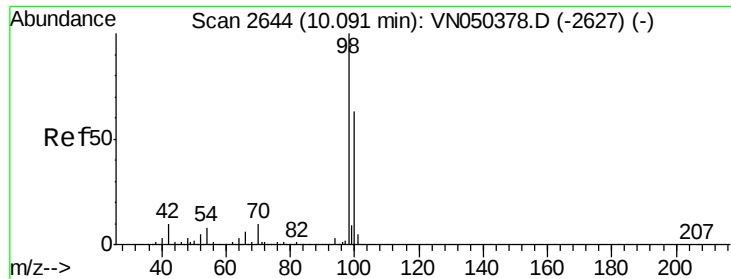
Tot Ion:113 Resp: 466573
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.6 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 18.72 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050487.D
 Acq: 9 Aug 2018 15:51

Tgt Ion: 43 Resp: 317850
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.8 23.6
 87 12.5 10.3 15.5





#50

Toluene-d8

Concen: 45.12 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050487.D

Acq: 9 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

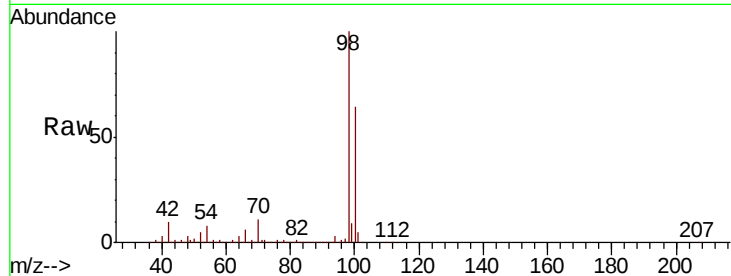
PB111888ZHE#03

Tot Ion: 98 Resp: 1692573

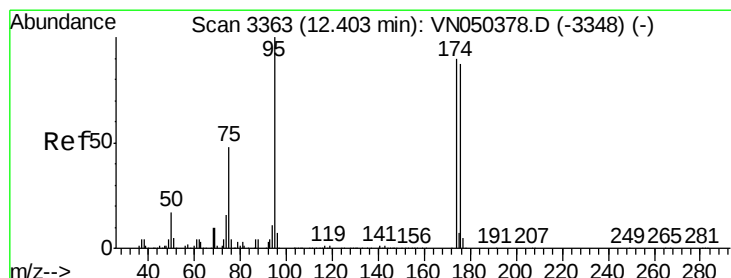
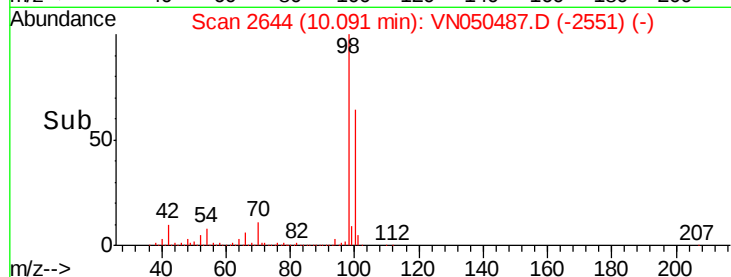
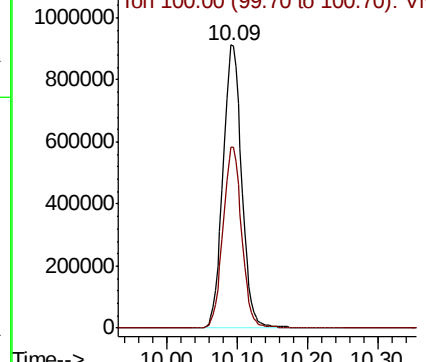
Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 38.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050487.D

Acq: 9 Aug 2018 15:51

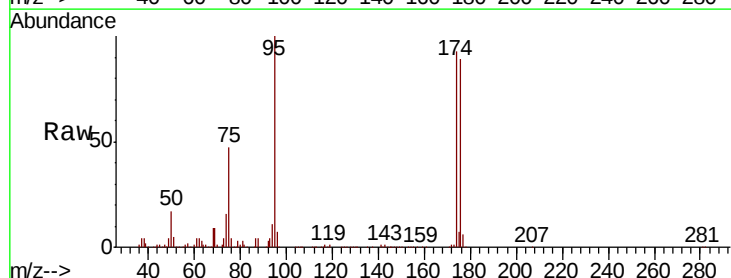
Tgt Ion: 95 Resp: 493150

Ion Ratio Lower Upper

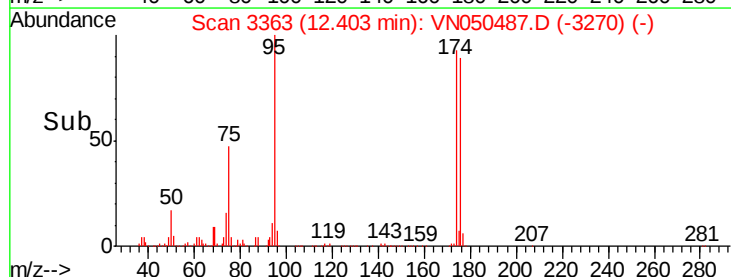
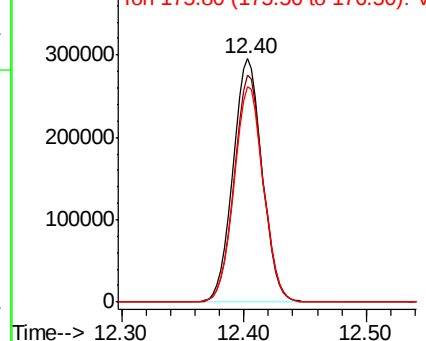
95 100

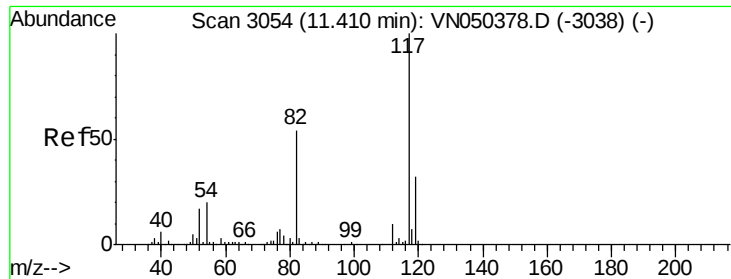
174 92.2 0.0 178.2

176 89.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

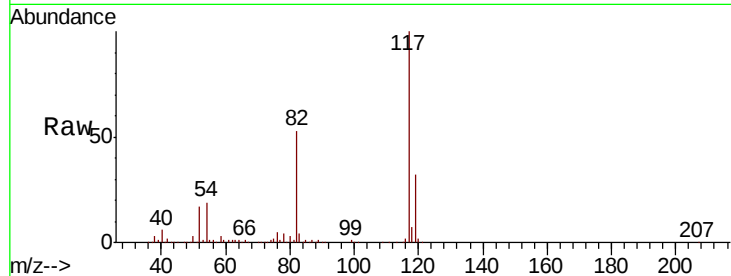




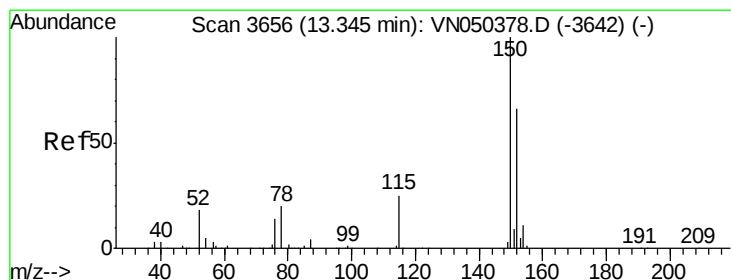
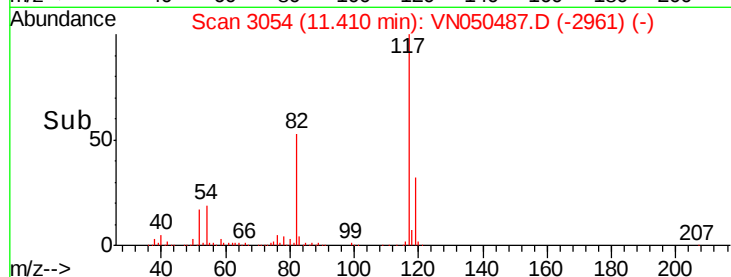
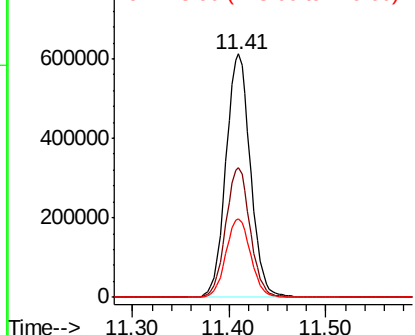
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050487.D
Acq: 9 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
PB111888ZHE#03

Tot Ion:117 Resp: 1073897
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.2 26.1 39.1

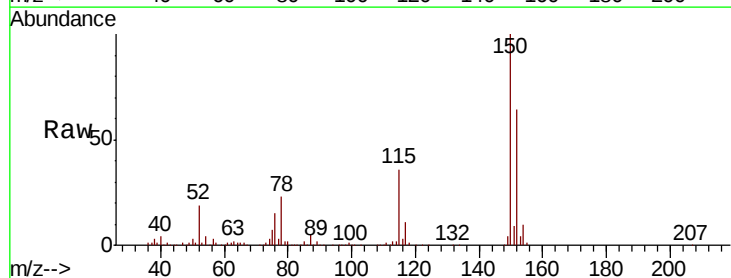


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050487.D
Acq: 9 Aug 2018 15:51

Tgt Ion:152 Resp: 416783
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.3
150 156.5 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

