

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050539.D
 Acq On : 11 Aug 2018 00:52
 Operator : MD\SY
 Sample : PB111921ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#13

Quant Time: Aug 11 05:54:20 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	628880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1053022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332041	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	438340	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	401598	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	1436037	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
62) 4-Bromofluorobenzene	12.40	95	402035	37.13	ug/l	0.00
Spiked Amount			Recovery	=	74.26%	

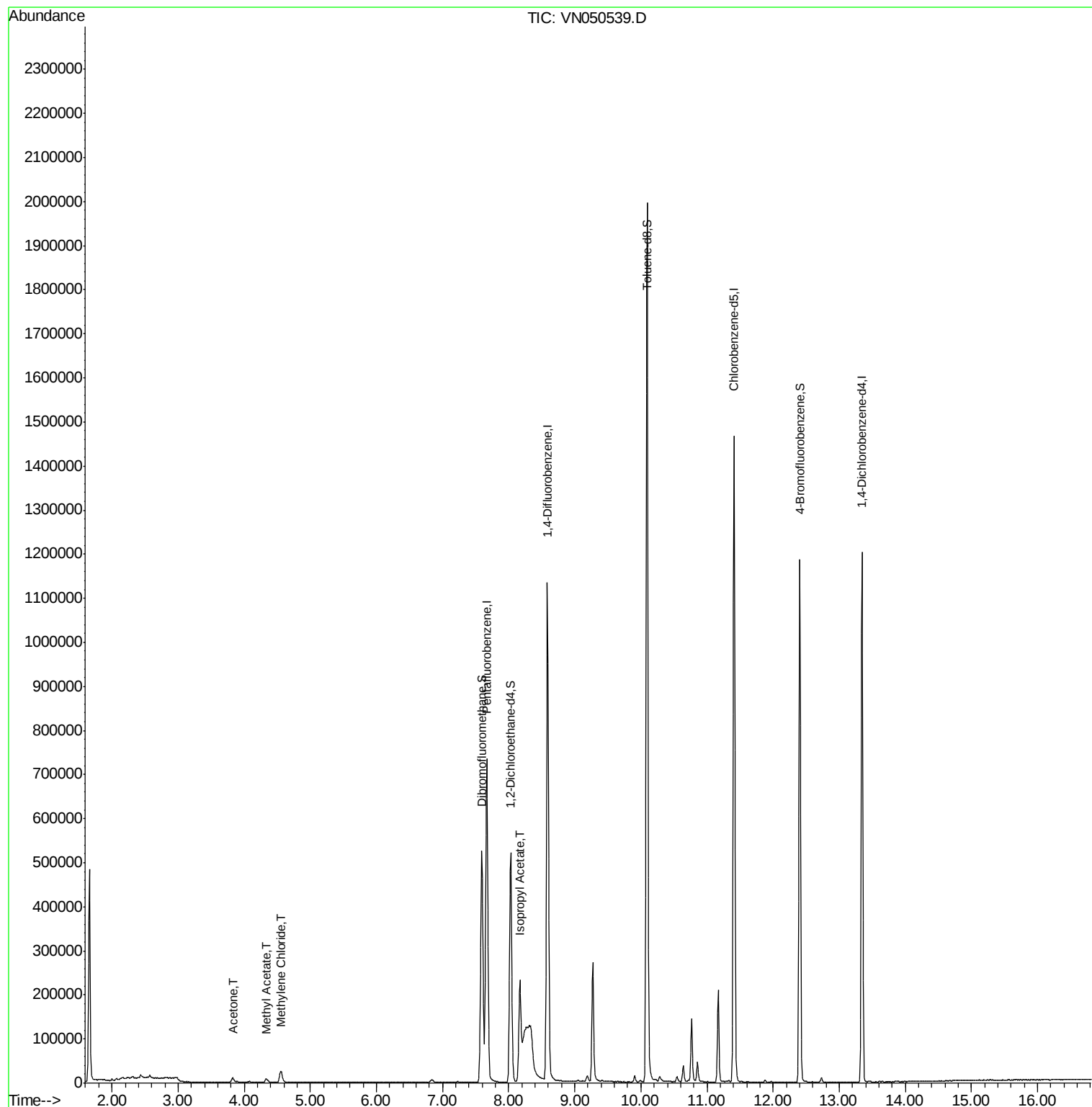
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	18406	7.00	ug/l	97
18) Methyl Acetate	4.33	43	16307	2.32	ug/l	93
20) Methylene Chloride	4.56	84	19292	1.00	ug/l #	88
43) Isopropyl Acetate	8.17	43	281509	19.57	ug/l	98

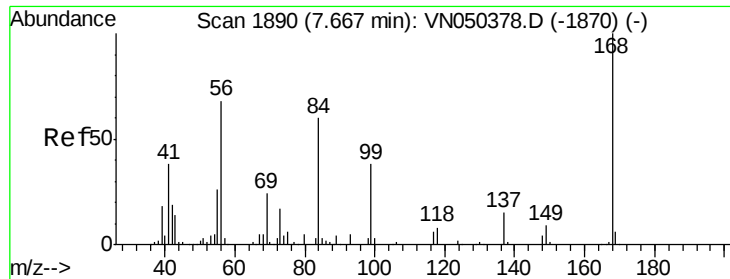
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050539.D

Acq: 11 Aug 2018 00:52

Instrument :

MSVOA_N

ClientSampleId :

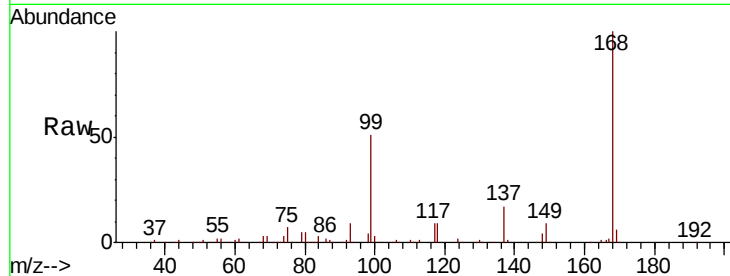
PB111921ZHE#13

Tot Ion:168 Resp: 628880

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

150000

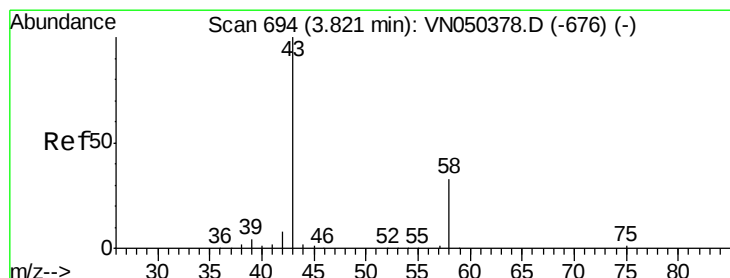
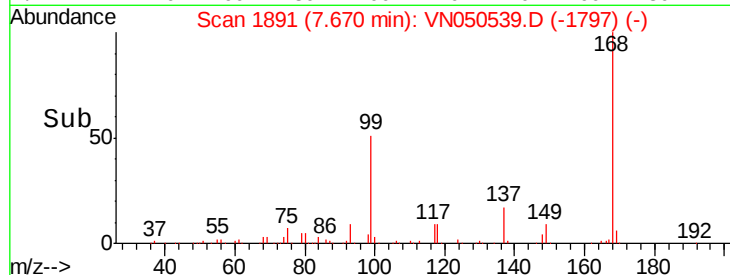
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050539.D

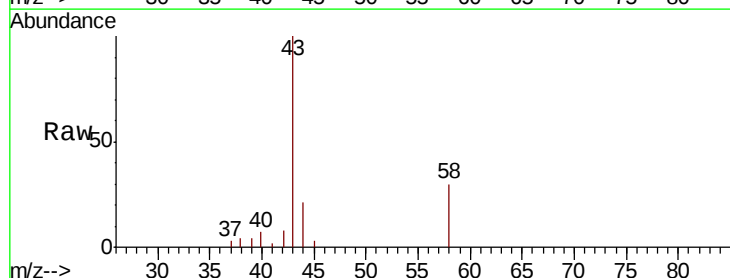
Acq: 11 Aug 2018 00:52

Tgt Ion: 43 Resp: 18406

Ion Ratio Lower Upper

43 100

58 30.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

6000

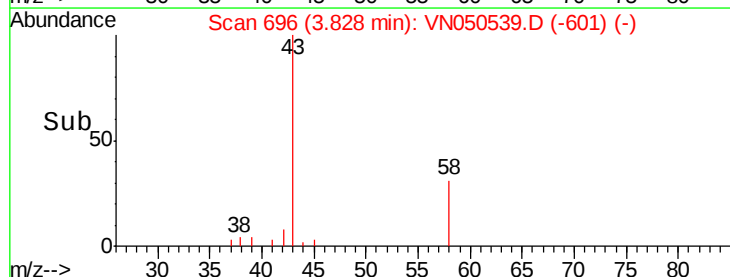
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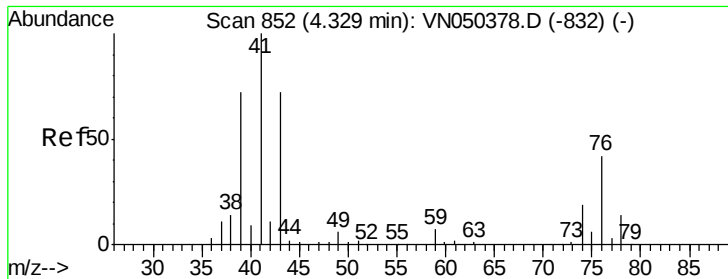
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0

3.75 3.80 3.85 3.90

Time-->

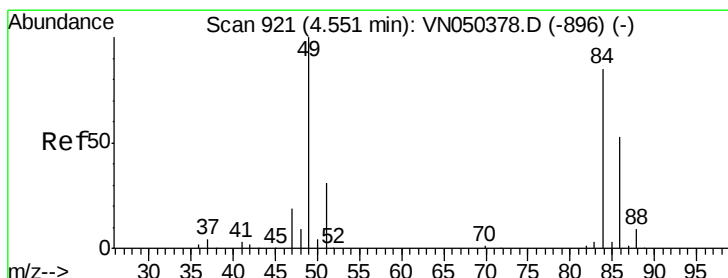
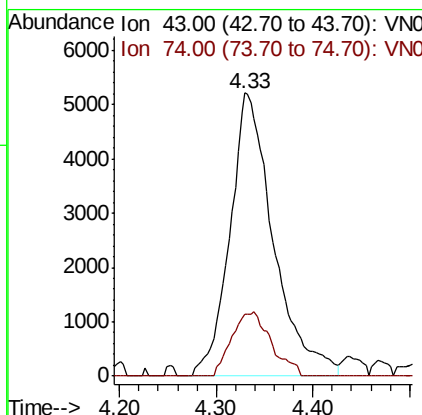
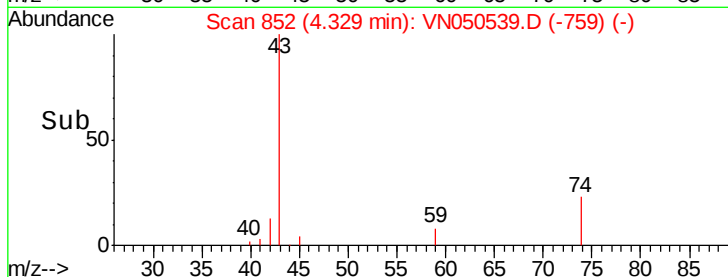
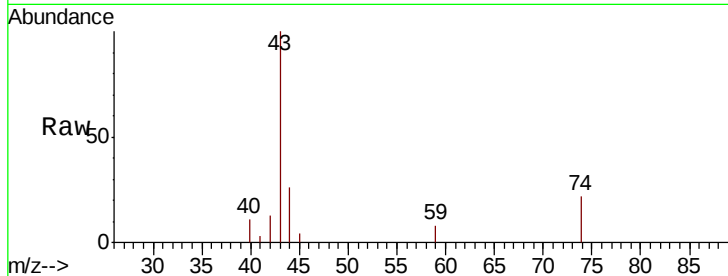




#18
Methyl Acetate
Concen: 2.32 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050539.D
Acq: 11 Aug 2018 00:52

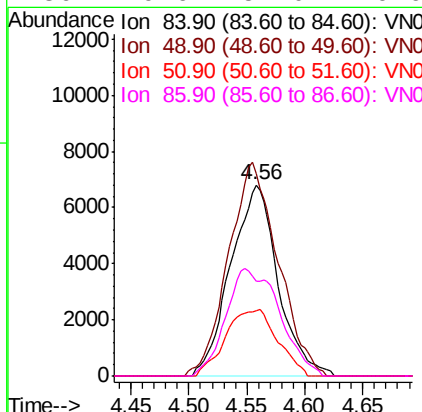
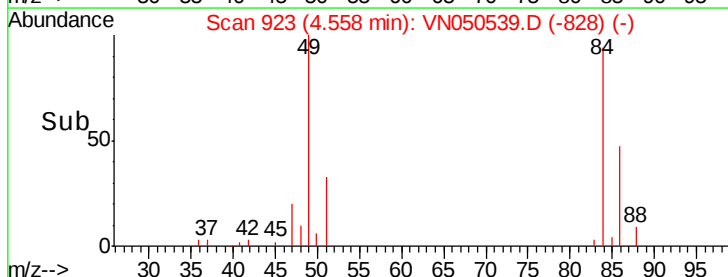
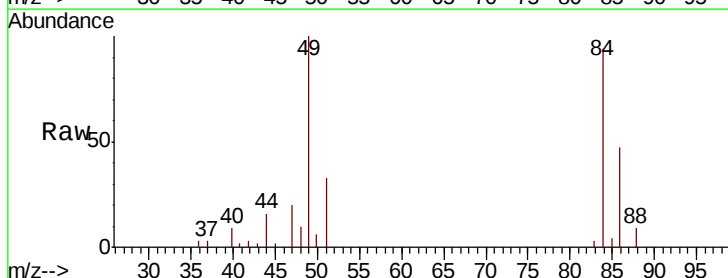
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#13

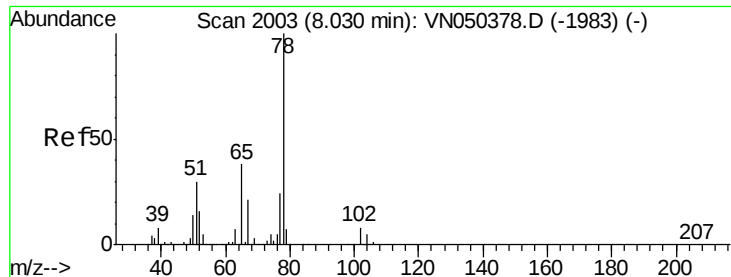
Tot Ion: 43 Resp: 16307
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.00 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050539.D
Acq: 11 Aug 2018 00:52

Tgt Ion: 84 Resp: 19292
Ion Ratio Lower Upper
84 100
49 105.9 94.8 142.2
51 34.5 28.3 42.5
86 49.6 51.0 76.6#

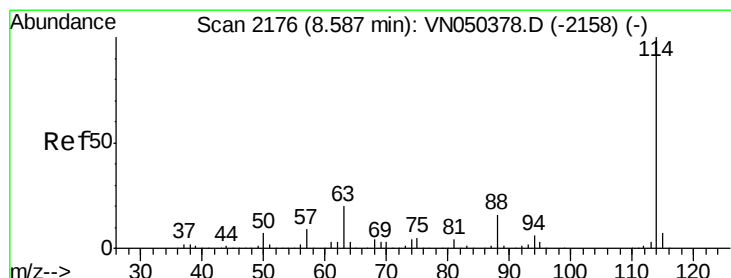
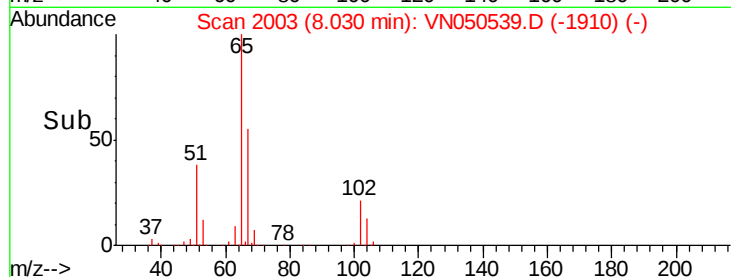
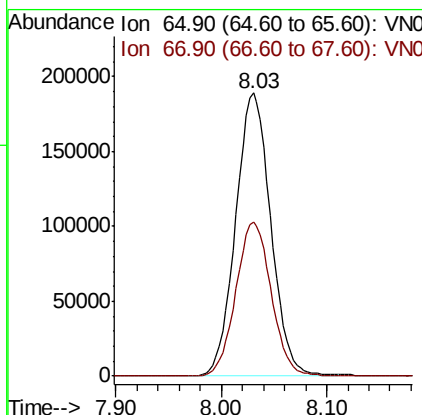
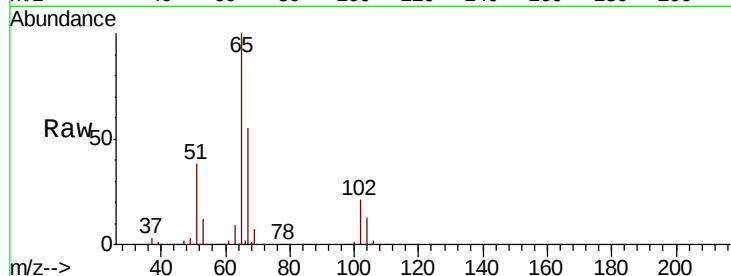




#33
 1,2-Dichloroethane-d4
 Concen: 52.17 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050539.D
 Acq: 11 Aug 2018 00:52

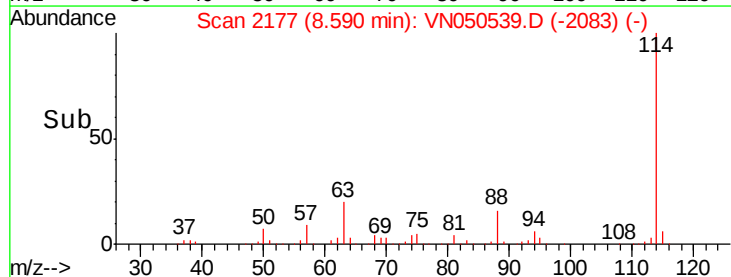
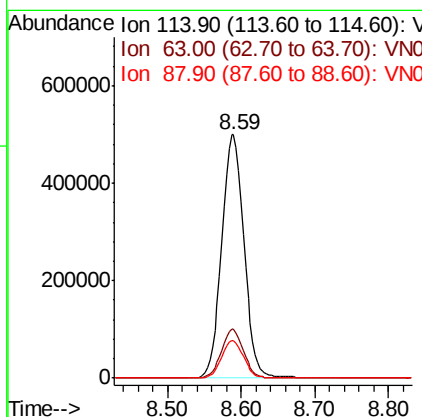
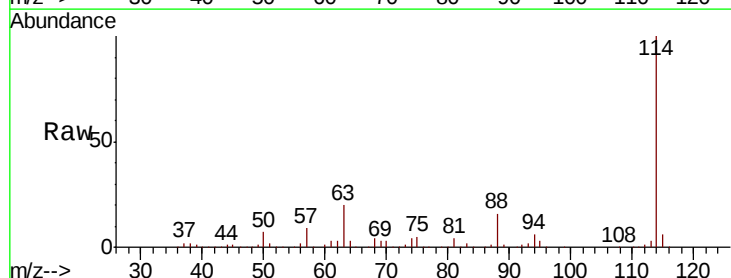
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#13

Tot Ion: 65 Resp: 438340
 Ion Ratio Lower Upper
 65 100
 67 54.8 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: VN050539.D
 Acq: 11 Aug 2018 00:52

Tgt Ion: 114 Resp: 1053022
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.5 0.0 31.2

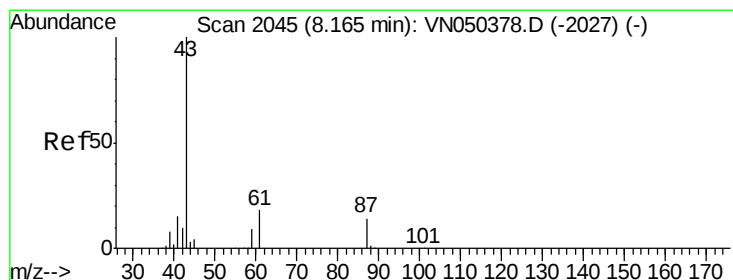
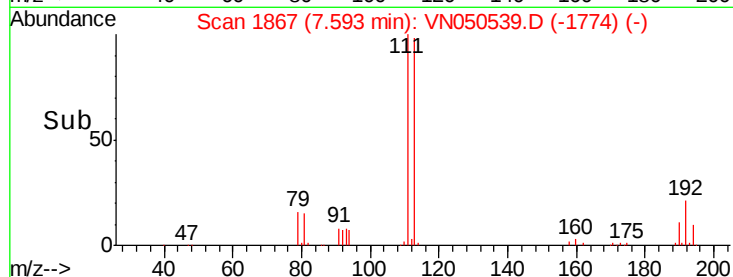
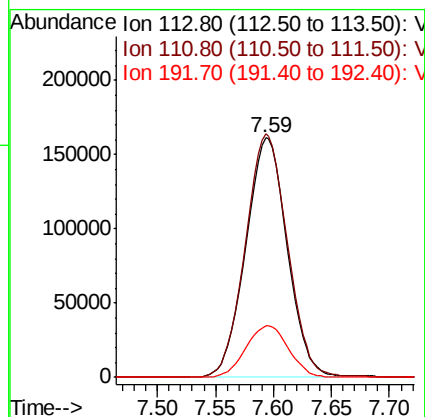
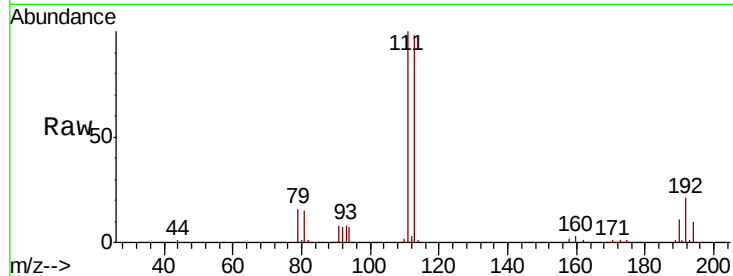




#35
 Dibromofluoromethane
 Concen: 47.53 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050539.D
 Acq: 11 Aug 2018 00:52

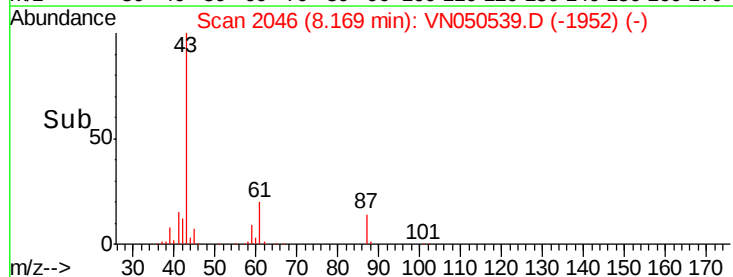
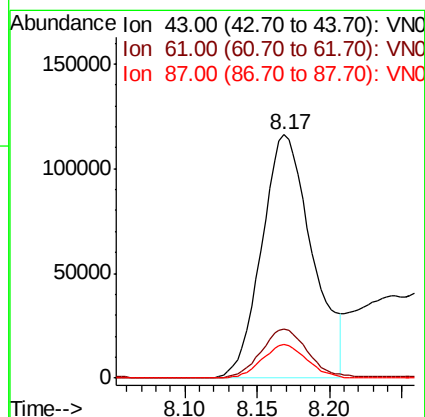
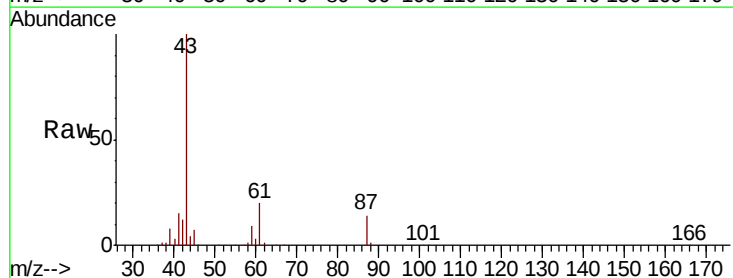
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#13

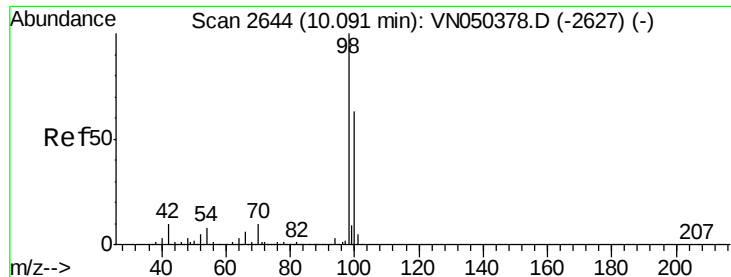
Tot Ion:113 Resp: 401598
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.57 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050539.D
 Acq: 11 Aug 2018 00:52

Tgt Ion: 43 Resp: 281509
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.8 23.6
 87 12.4 10.3 15.5





#50

Toluene-d8

Concen: 45.20 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050539.D

Acq: 11 Aug 2018 00:52

Instrument :

MSVOA_N

ClientSampleId :

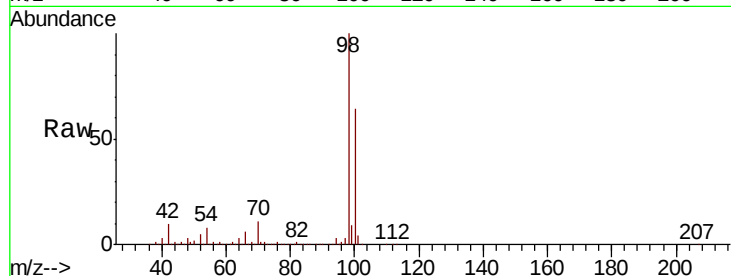
PB111921ZHE#13

Tot Ion: 98 Resp: 1436037

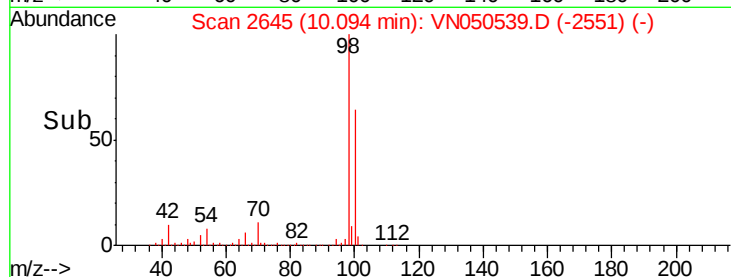
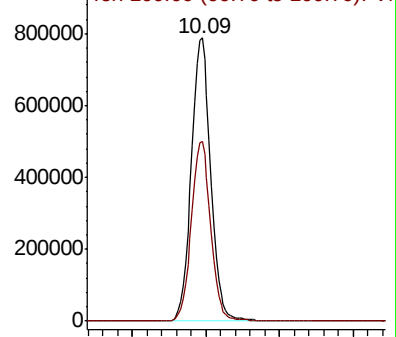
Ion Ratio Lower Upper

98 100

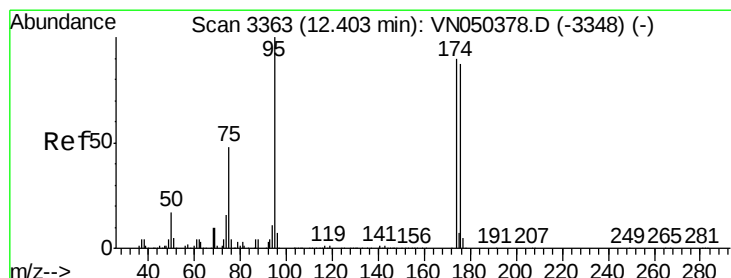
100 63.7 50.7 76.1



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



Time-->



#62

4-Bromofluorobenzene

Concen: 37.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050539.D

Acq: 11 Aug 2018 00:52

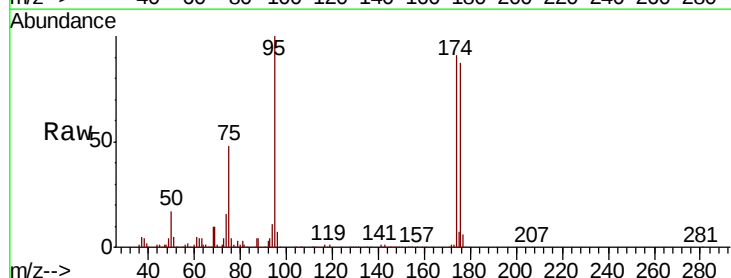
Tgt Ion: 95 Resp: 402035

Ion Ratio Lower Upper

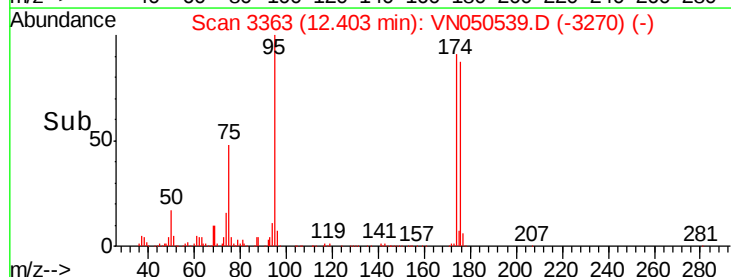
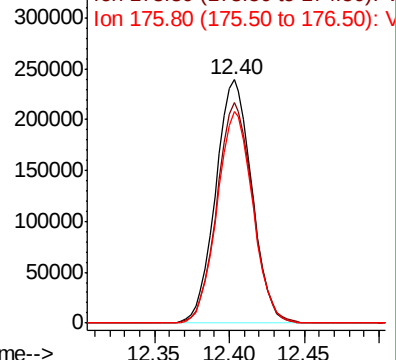
95 100

174 90.3 0.0 178.2

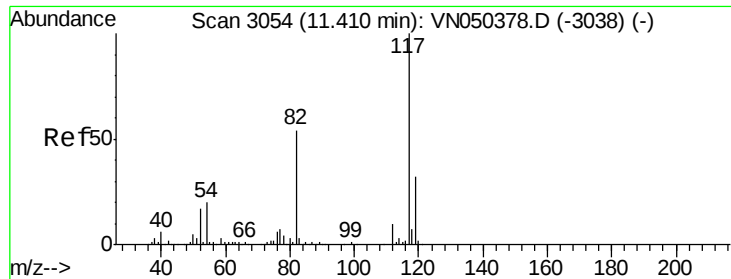
176 86.2 0.0 173.4



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



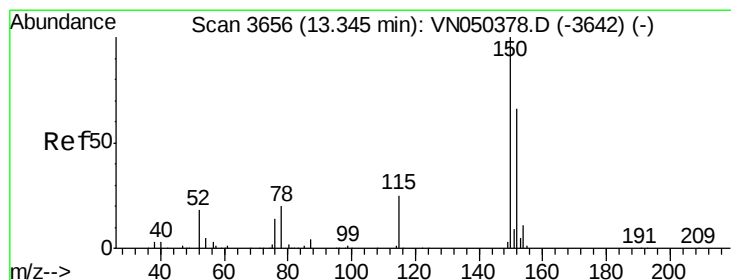
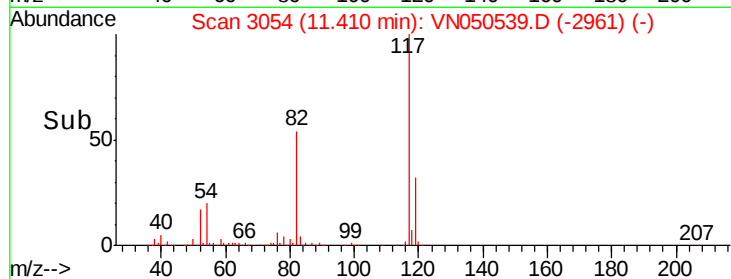
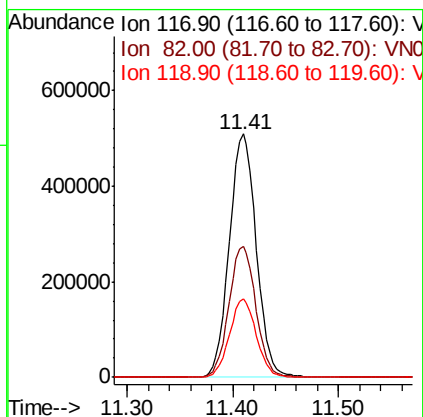
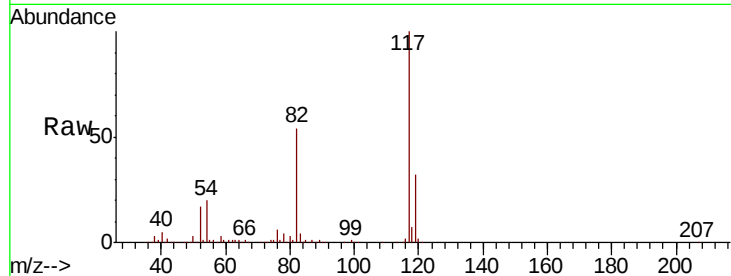
Time-->



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050539.D
Acq: 11 Aug 2018 00:52

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#13

Tot Ion:117 Resp: 900709
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050539.D
Acq: 11 Aug 2018 00:52

Tgt Ion:152 Resp: 332041
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 157.3 0.0 348.6

