

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050737.D
 Acq On : 17 Aug 2018 18:06
 Operator : MD\SY
 Sample : PB112140ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#11

Quant Time: Aug 18 01:15:23 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	617573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281382	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	424759	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
35) Dibromofluoromethane	7.60	113	396544	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1401894	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
62) 4-Bromofluorobenzene	12.40	95	362632	35.19	ug/l	0.00
Spiked Amount			Recovery	=	70.38%	

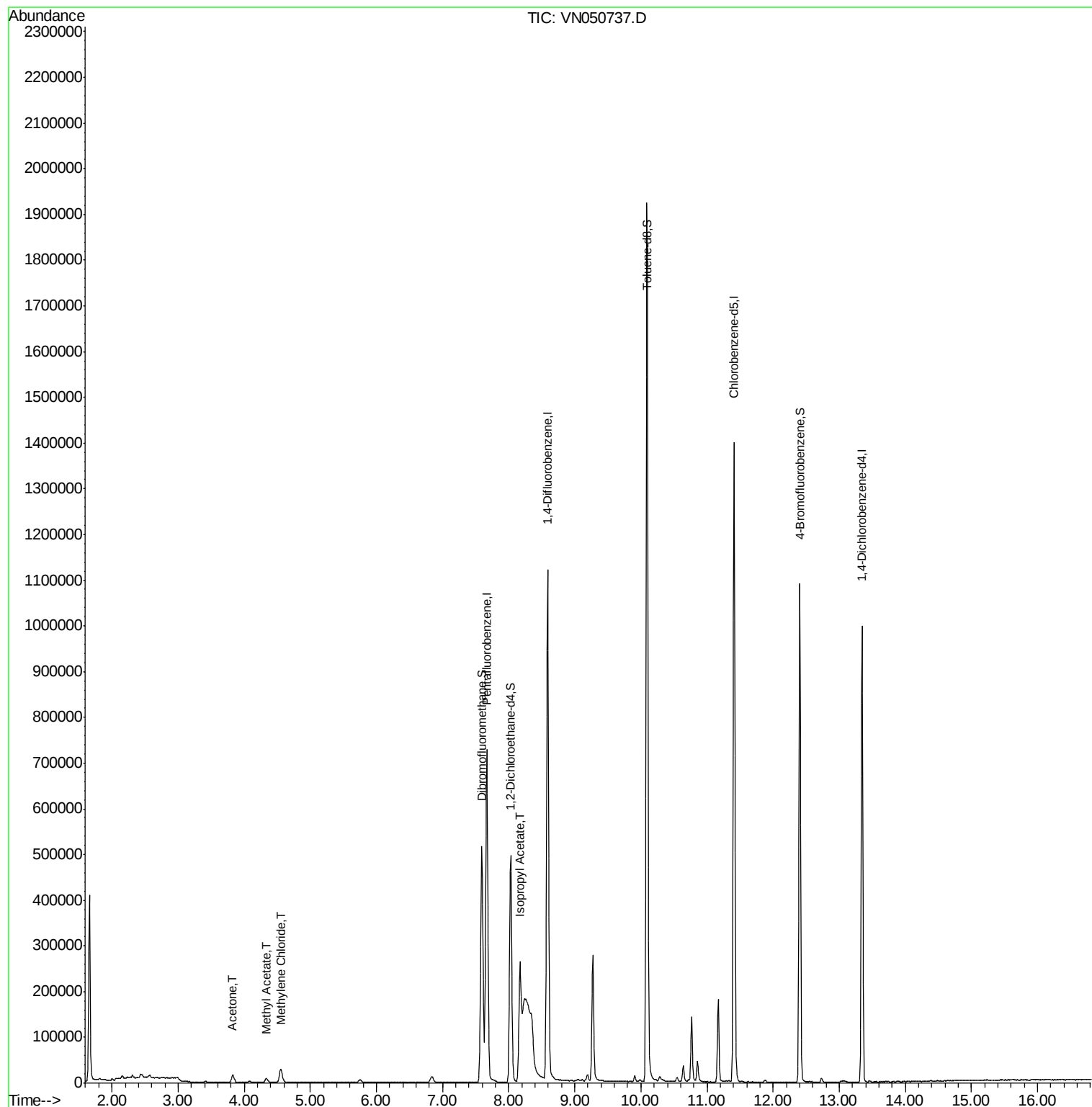
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	25928	11.96	ug/l	96
18) Methyl Acetate	4.34	43	15255	1.83	ug/l	99
20) Methylene Chloride	4.55	84	23576	1.96	ug/l	95
43) Isopropyl Acetate	8.17	43	329545	27.68	ug/l	93

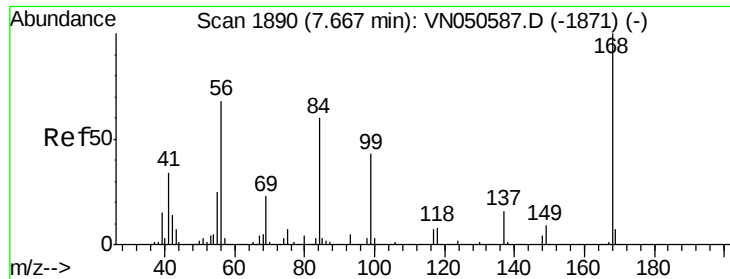
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050737.D

Acq: 17 Aug 2018 18:06

Instrument :

MSVOA_N

ClientSampleId :

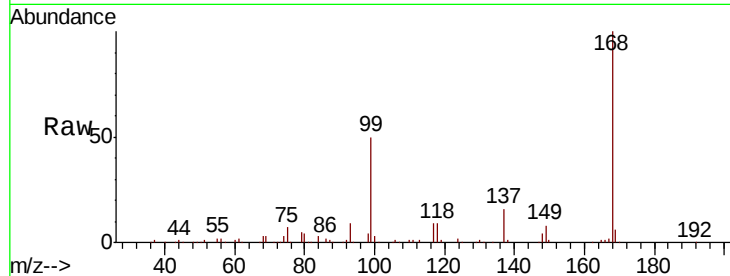
PB112140ZHE#11

Tot Ion:168 Resp: 617573

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050737.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050737.D (-1797) (-)

7.67

250000

200000

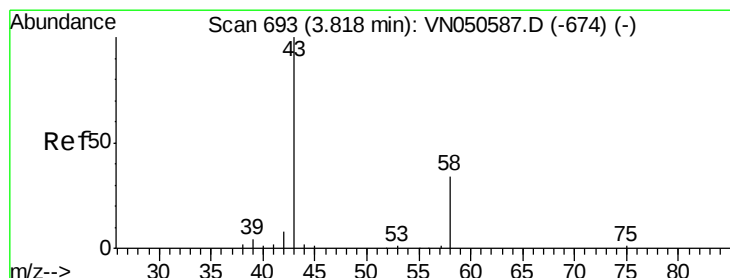
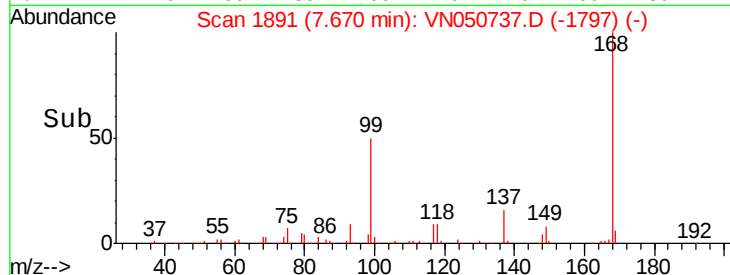
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.96 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050737.D

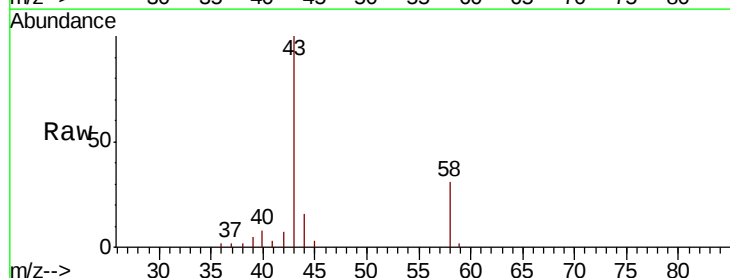
Acq: 17 Aug 2018 18:06

Tgt Ion: 43 Resp: 25928

Ion Ratio Lower Upper

43 100

58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050737.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050737.D (-600) (-)

3.83

10000

8000

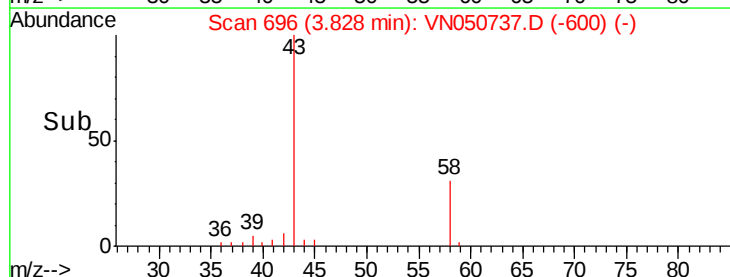
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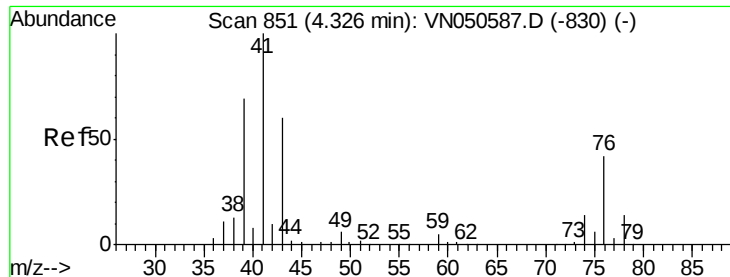
4000

2000

0

Time-->

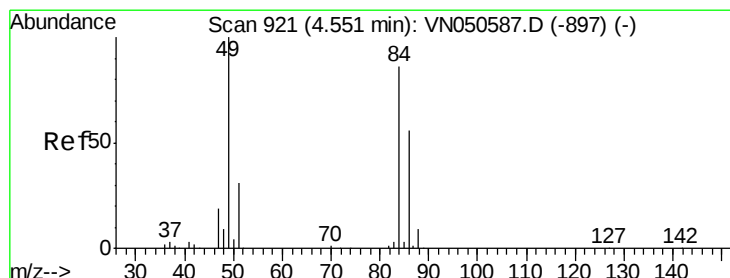
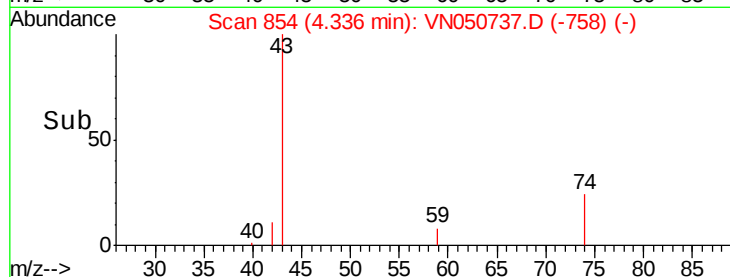
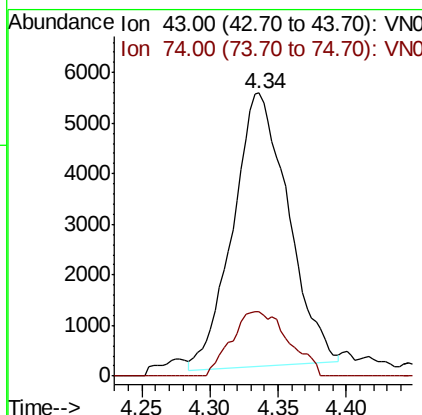
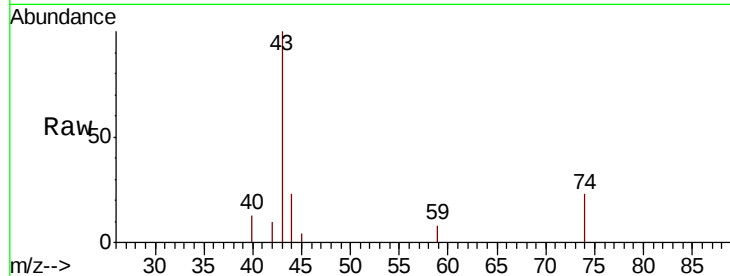




#18
Methyl Acetate
Concen: 1.83 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050737.D
Acq: 17 Aug 2018 18:06

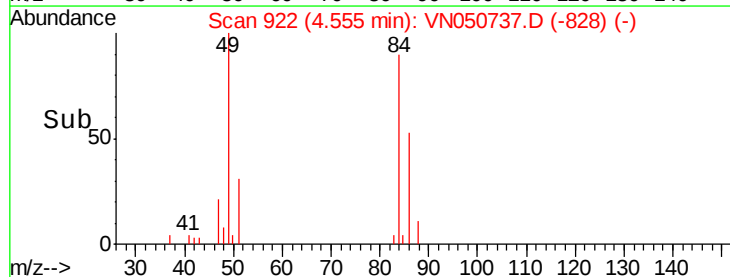
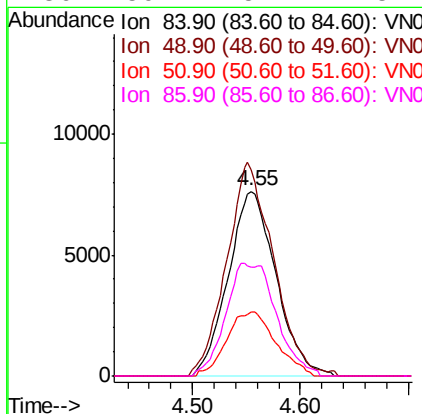
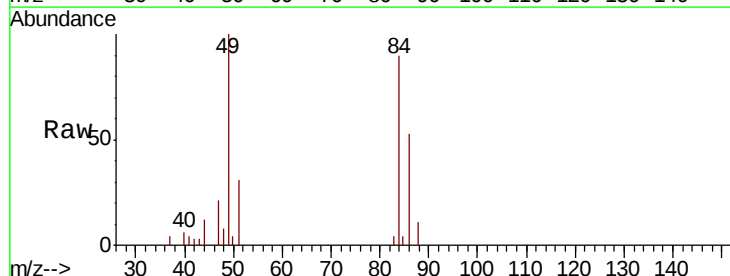
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#11

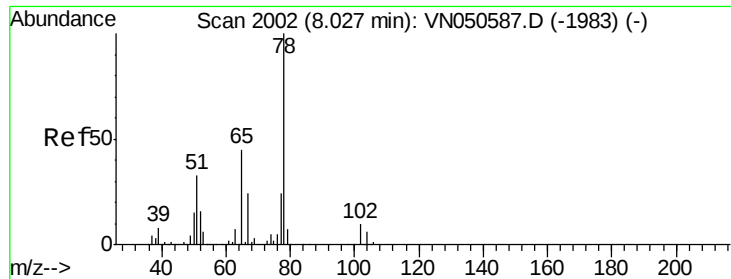
Tot Ion: 43 Resp: 15255
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



#20
Methylene Chloride
Concen: 1.96 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050737.D
Acq: 17 Aug 2018 18:06

Tgt Ion: 84 Resp: 23576
Ion Ratio Lower Upper
84 100
49 111.6 92.6 138.8
51 34.7 28.6 43.0
86 59.2 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 54.56 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050737.D

Acq: 17 Aug 2018 18:06

Instrument :

MSVOA_N

ClientSampleId :

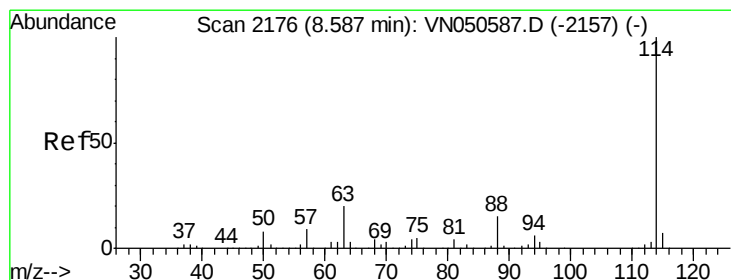
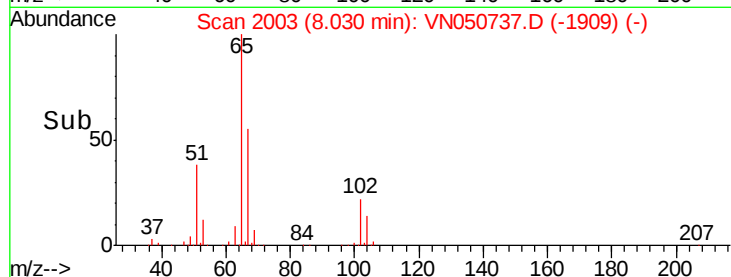
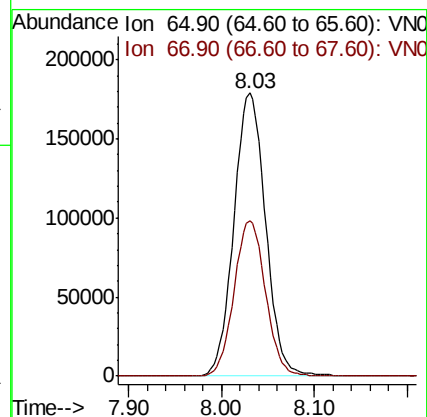
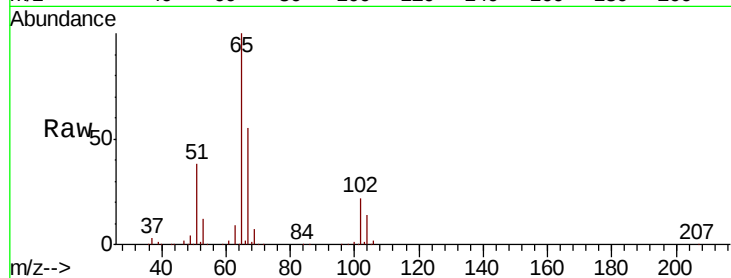
PB112140ZHE#11

Tot Ion: 65 Resp: 424759

Ion Ratio Lower Upper

65 100

67 54.4 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: VN050737.D

Acq: 17 Aug 2018 18:06

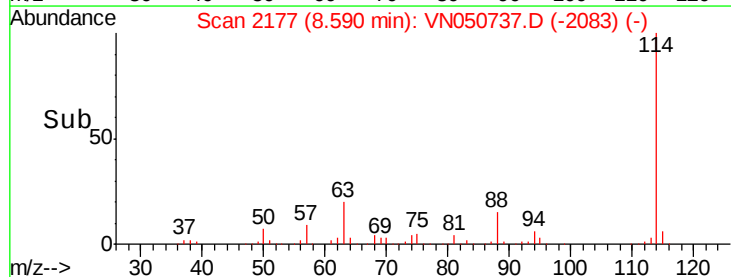
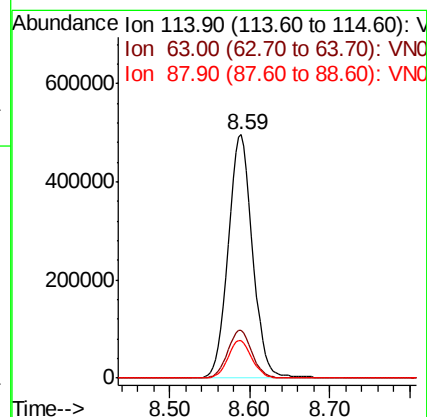
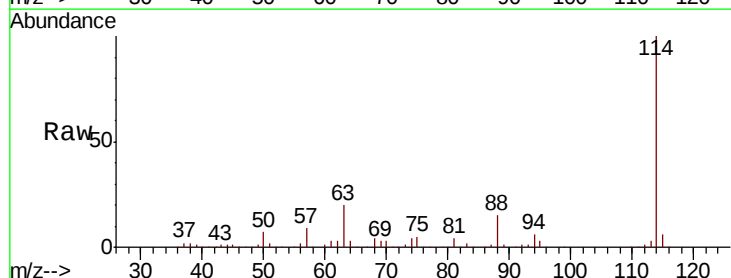
Tgt Ion: 114 Resp: 1038140

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.3 0.0 30.8

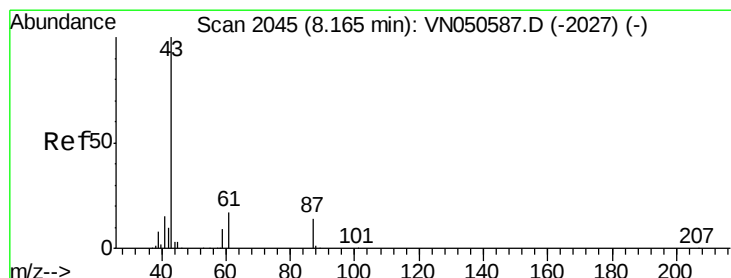
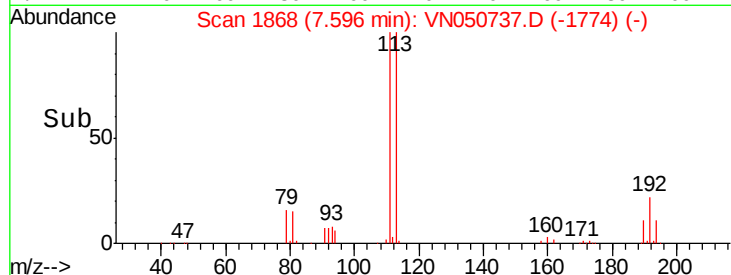
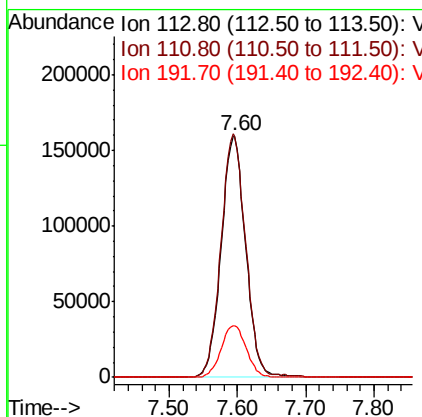
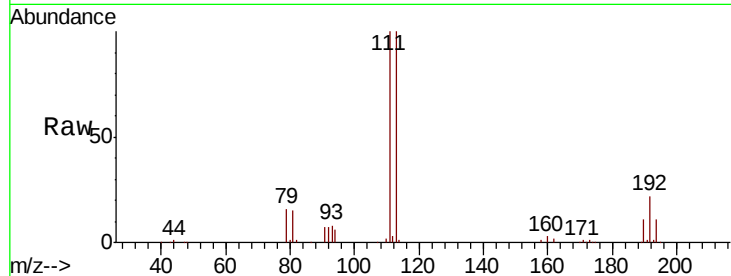




#35
 Dibromofluoromethane
 Concen: 47.84 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050737.D
 Acq: 17 Aug 2018 18:06

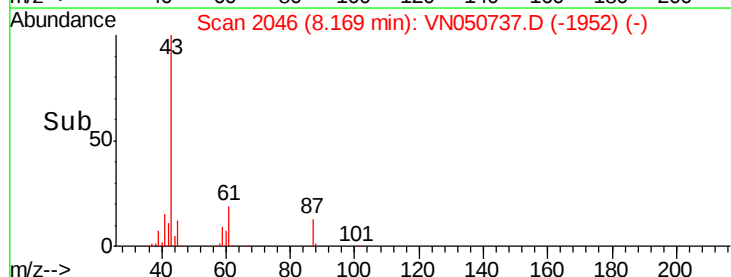
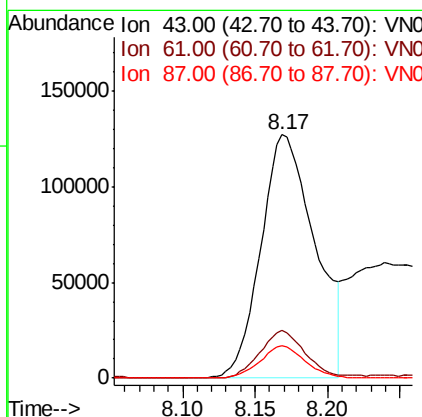
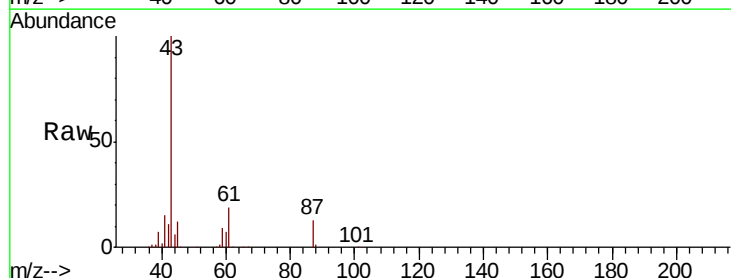
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#11

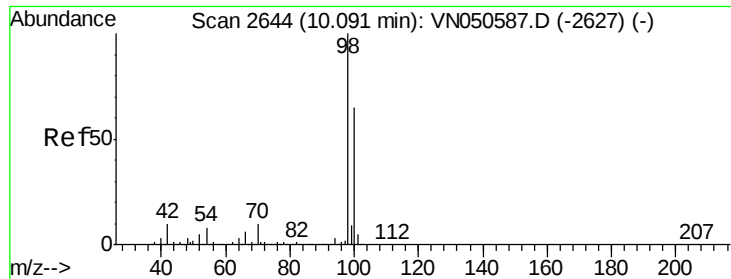
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.6
192	22.2	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 27.68 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050737.D
 Acq: 17 Aug 2018 18:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	16.2	24.2
87	11.1	10.9	16.3

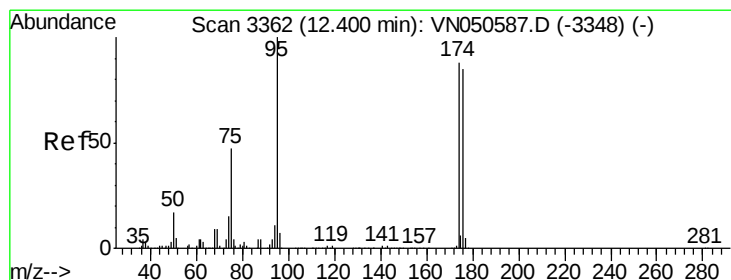
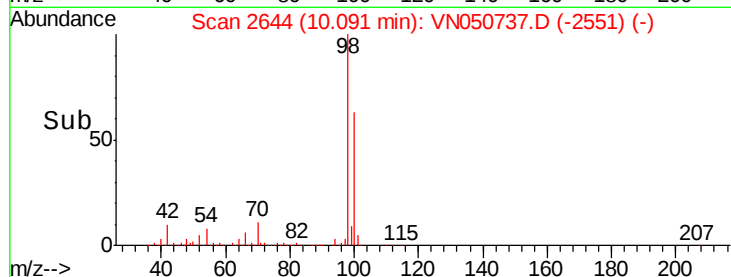
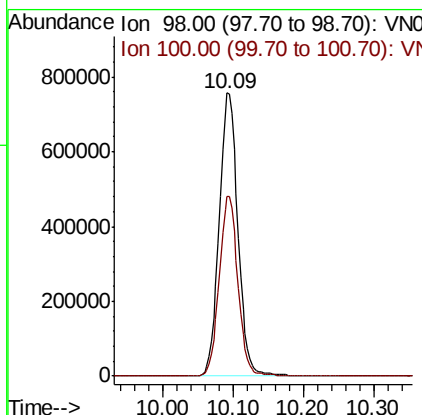
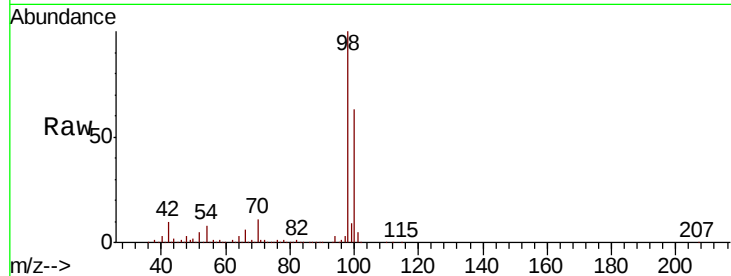




#50
Toluene-d8
Concen: 44.94 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050737.D
Acq: 17 Aug 2018 18:06

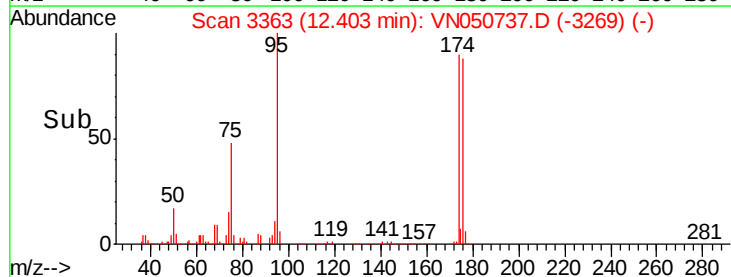
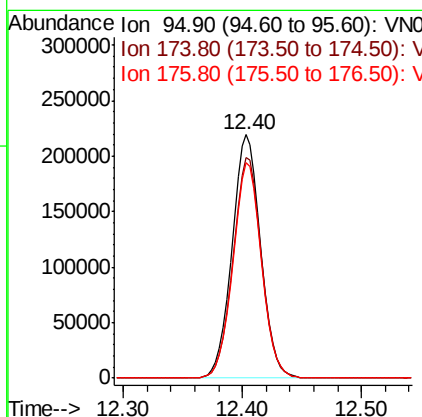
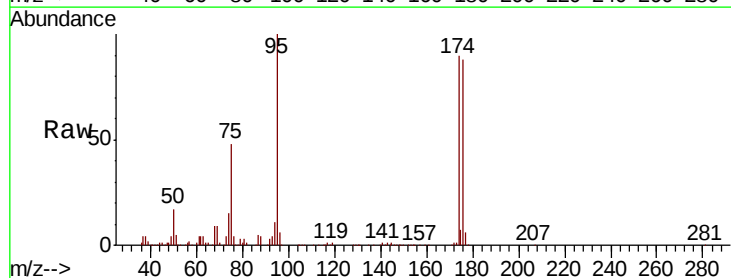
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#11

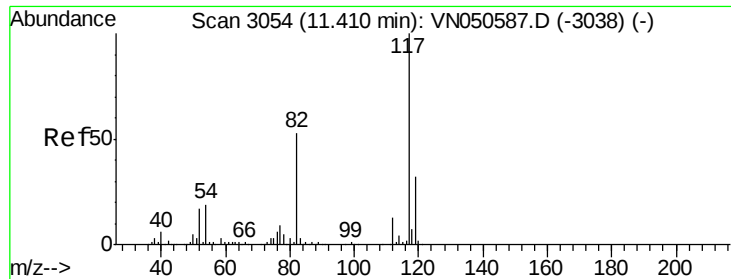
Tot Ion: 98 Resp: 1401894
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 35.19 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050737.D
Acq: 17 Aug 2018 18:06

Tgt Ion: 95 Resp: 362632
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.8
176 88.4 0.0 175.0

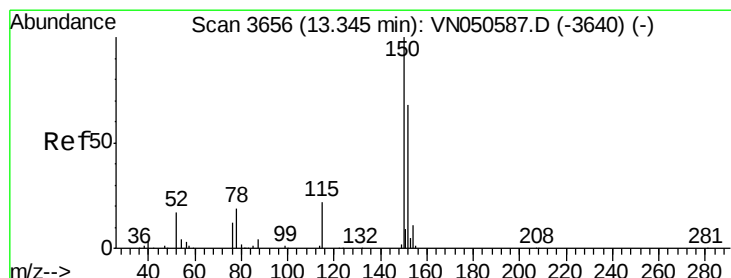
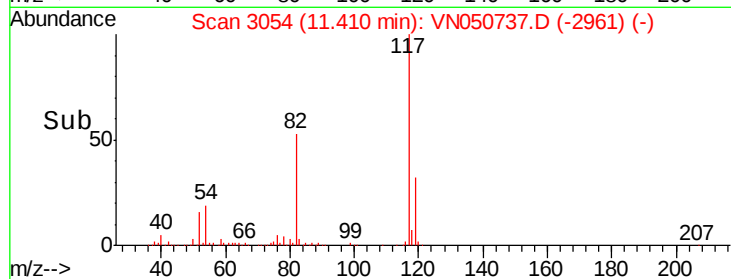
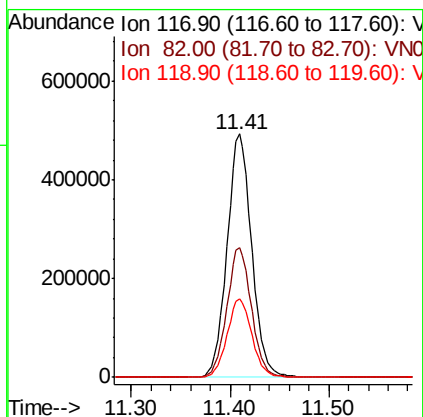
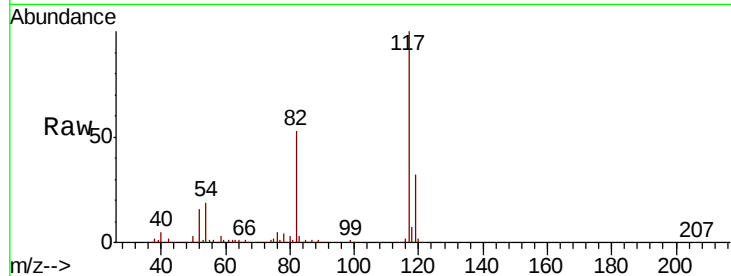




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050737.D
Acq: 17 Aug 2018 18:06

Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#11

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	32.0	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: VN050737.D
Acq: 17 Aug 2018 18:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.1	84.2
150	158.3	0.0	347.8

