

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050959.D
 Acq On : 30 Aug 2018 13:47
 Operator : MD\SY
 Sample : PB112481ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#03

Quant Time: Aug 31 04:09:49 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	590082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	823746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283570	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	388701	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.59	113	371522	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	1313176	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	352889	36.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.88%	

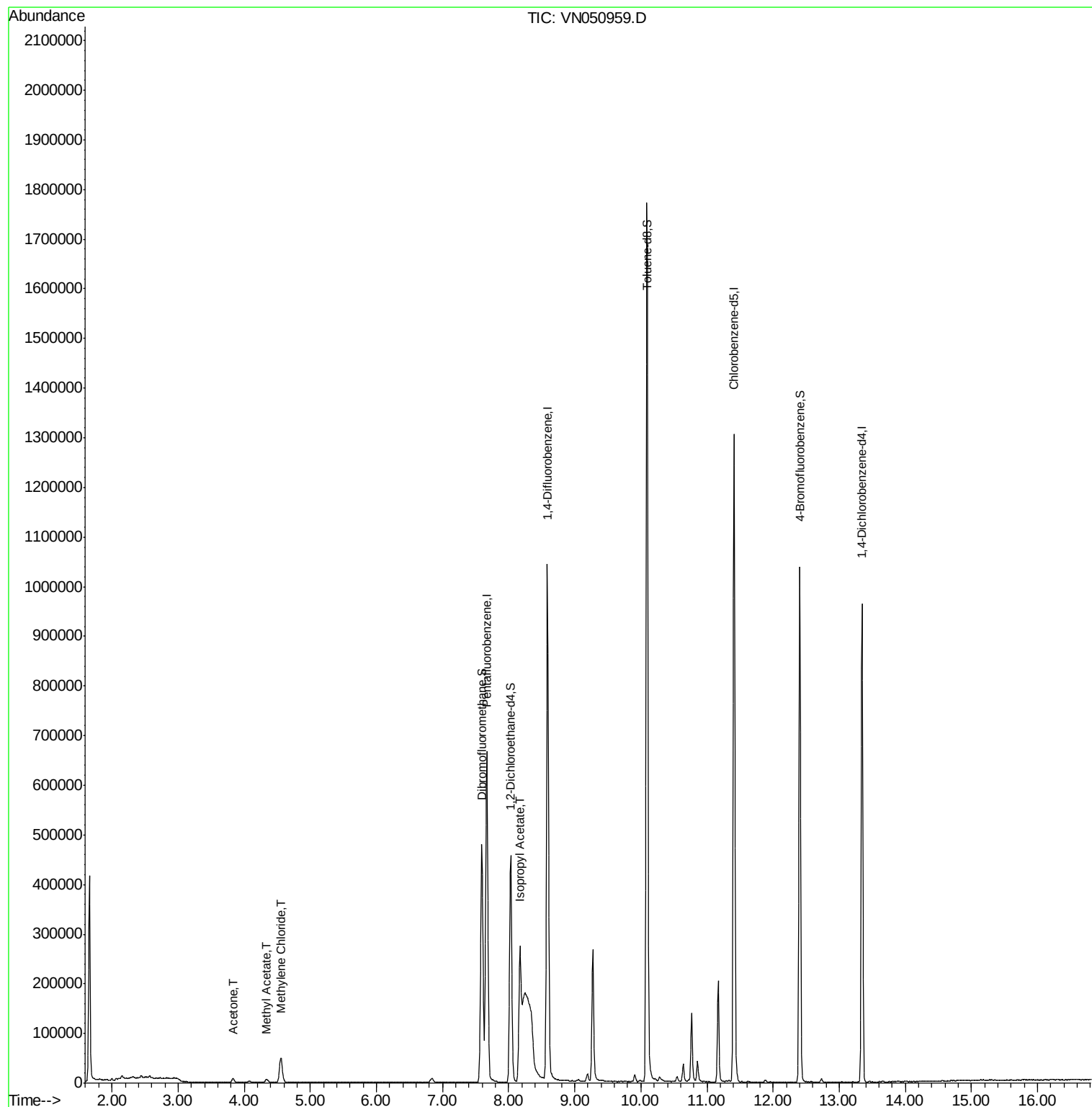
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13926	1.25	ug/l	92
18) Methyl Acetate	4.34	43	14136	2.11	ug/l	95
20) Methylene Chloride	4.55	84	40573	5.07	ug/l	99
43) Isopropyl Acetate	8.17	43	343492	30.08	ug/l	93

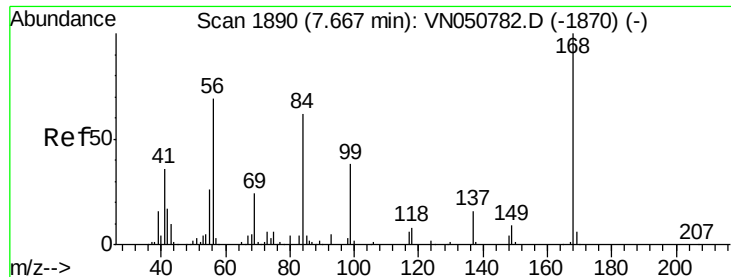
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050959.D

Acq: 30 Aug 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

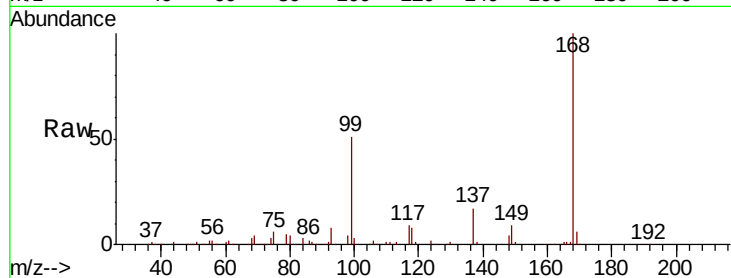
PB112481ZHE#03

Tot Ion:168 Resp: 590082

Ion Ratio Lower Upper

168 100

99 50.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050959.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050959.D (-1797) (-)

7.67

250000

200000

150000

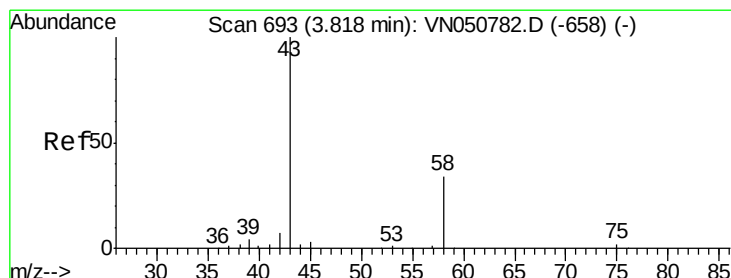
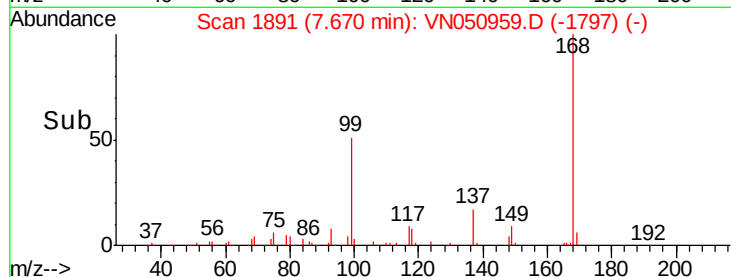
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.25 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050959.D

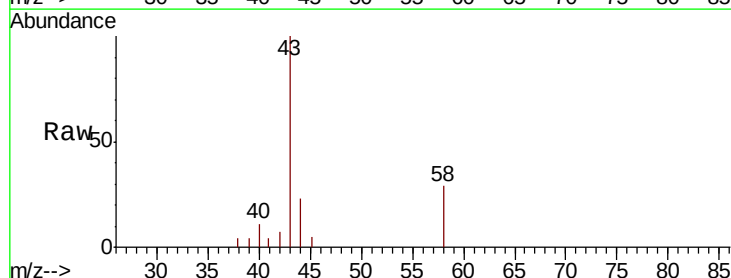
Acq: 30 Aug 2018 13:47

Tgt Ion: 43 Resp: 13926

Ion Ratio Lower Upper

43 100

58 29.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050959.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050959.D (-600) (-)

3.83

5000

4000

3000

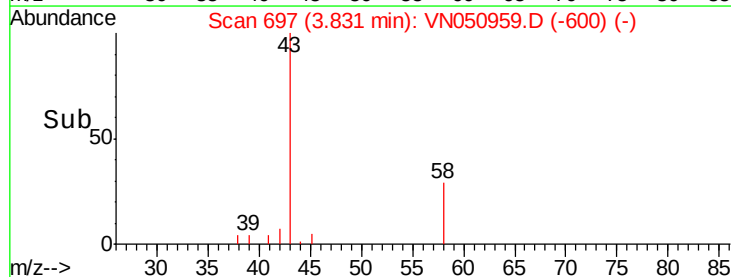
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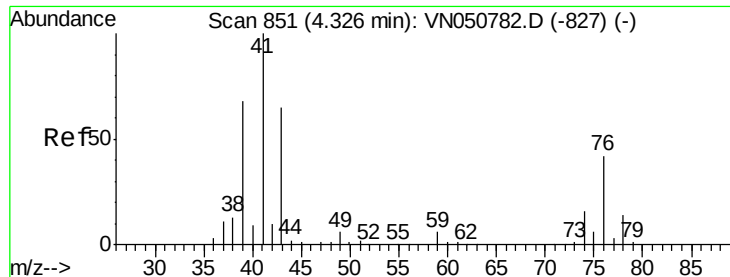
1000

0

3.75 3.80 3.85 3.90 3.95

Time-->

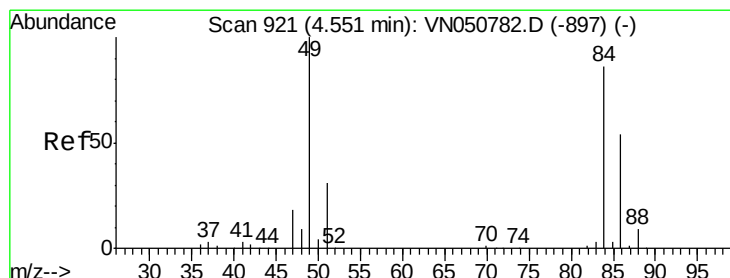
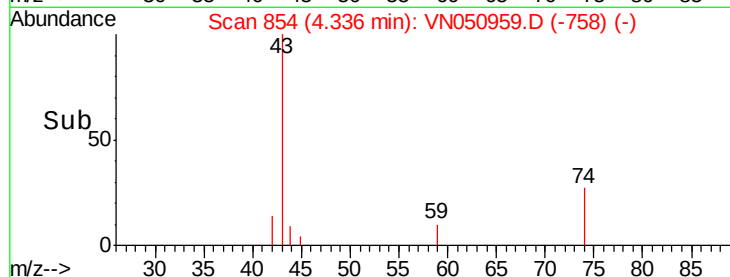
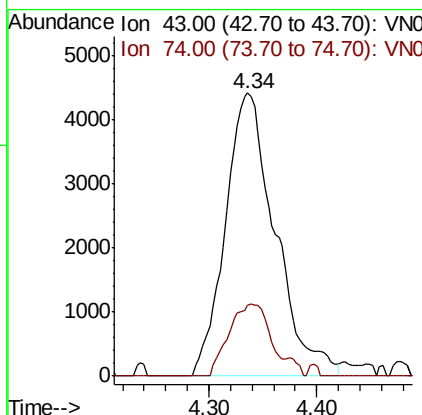
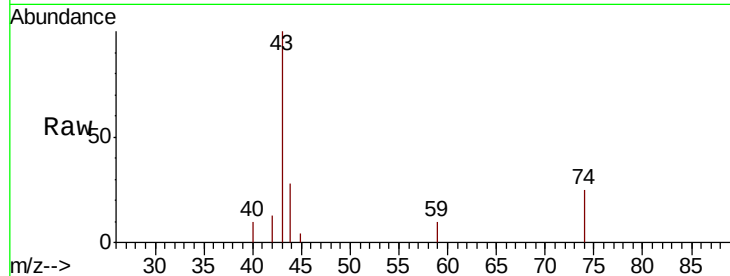




#18
Methvl Acetate
Concen: 2.11 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

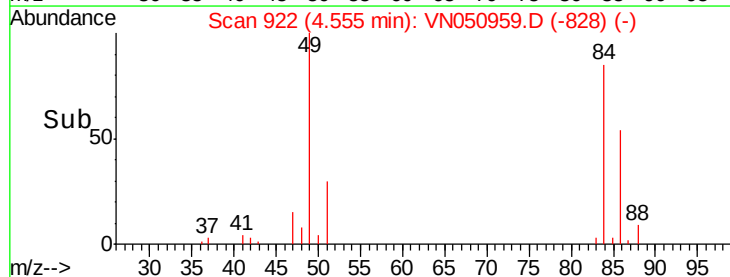
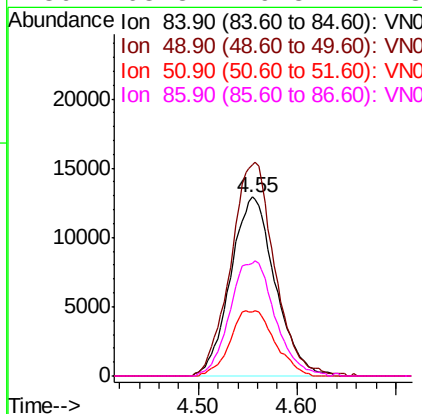
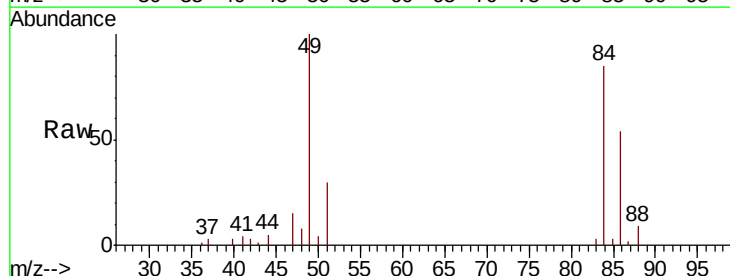
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#03

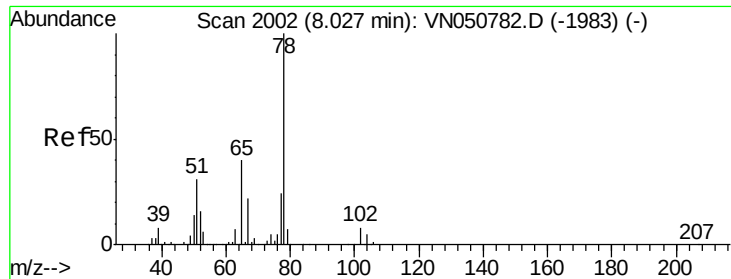
Tot Ion: 43 Resp: 14136
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.8



#20
Methylene Chloride
Concen: 5.07 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

Tgt Ion: 84 Resp: 40573
Ion Ratio Lower Upper
84 100
49 118.0 93.2 139.8
51 35.9 29.0 43.6
86 63.3 49.8 74.8

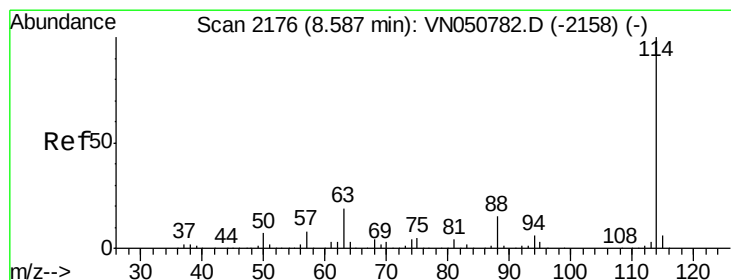
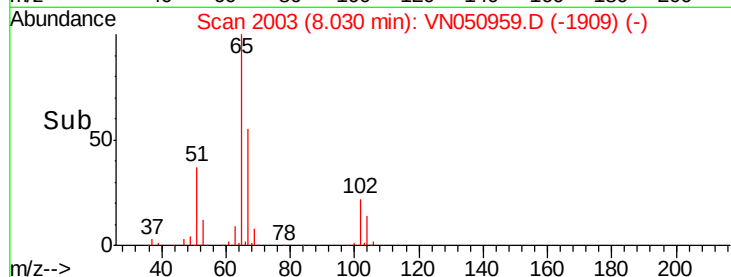
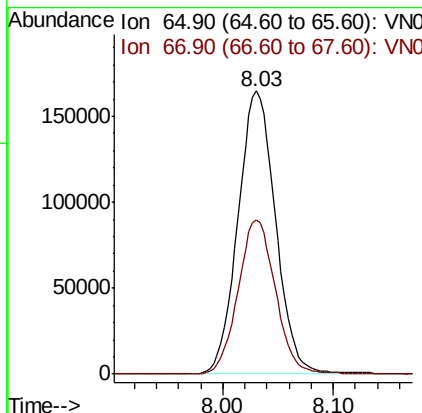
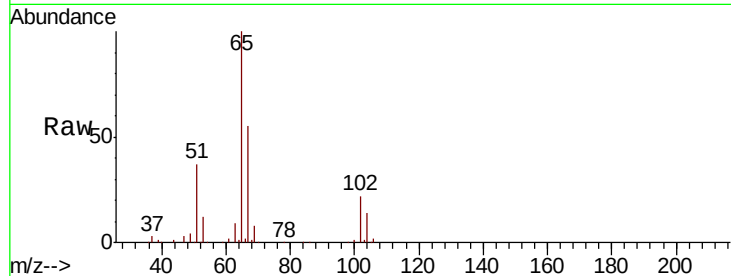




#33
 1,2-Dichloroethane-d4
 Concen: 54.72 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050959.D
 Acq: 30 Aug 2018 13:47

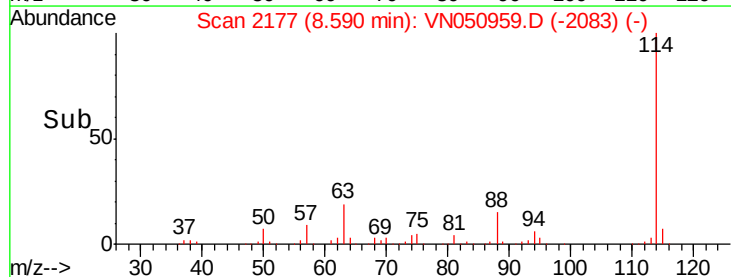
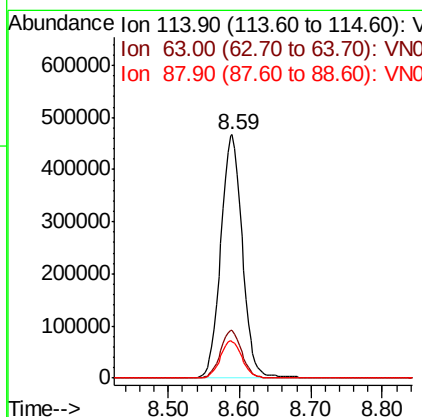
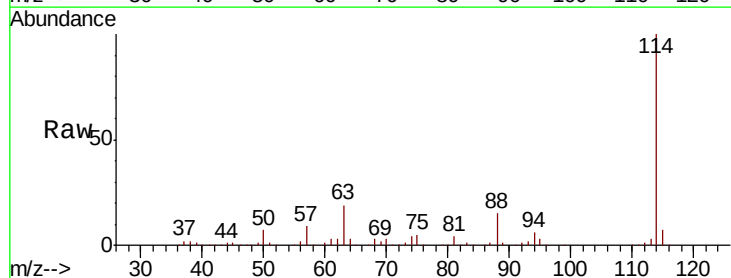
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#03

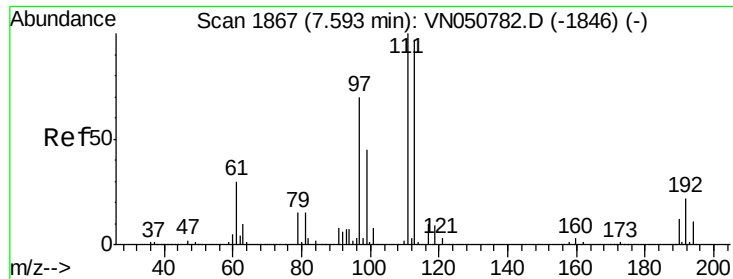
Tot Ion: 65 Resp: 388701
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050959.D
 Acq: 30 Aug 2018 13:47

Tgt Ion: 114 Resp: 979745
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.1 0.0 30.6

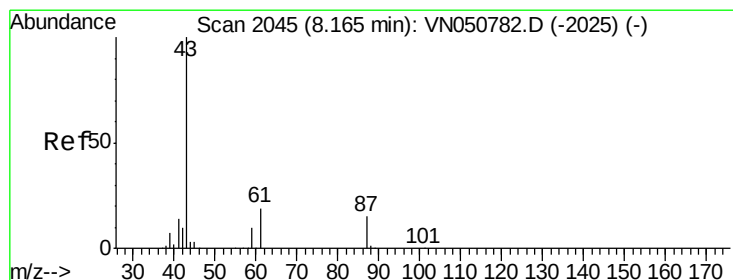
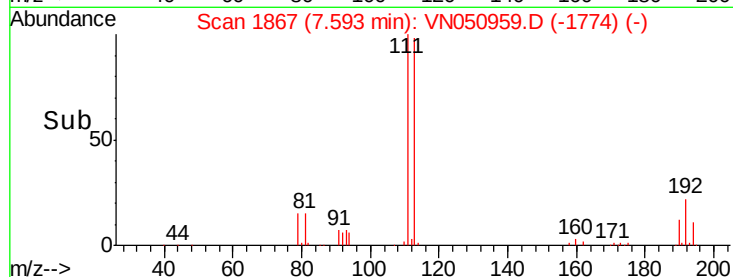
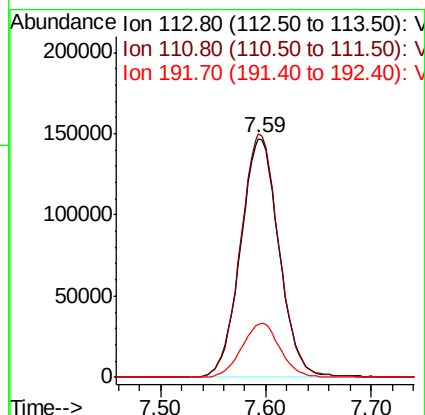
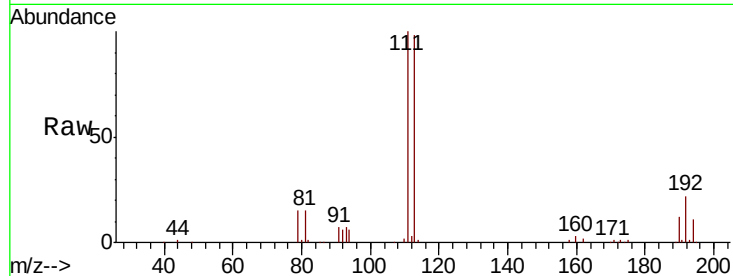




#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050959.D
 Acq: 30 Aug 2018 13:47

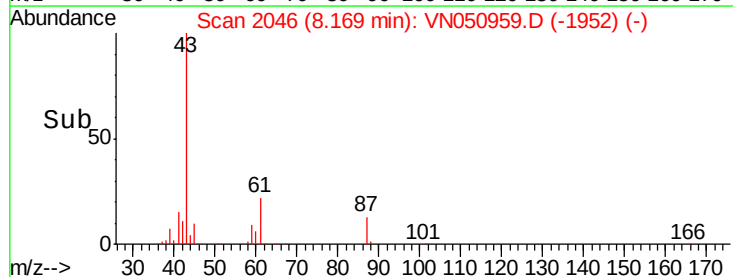
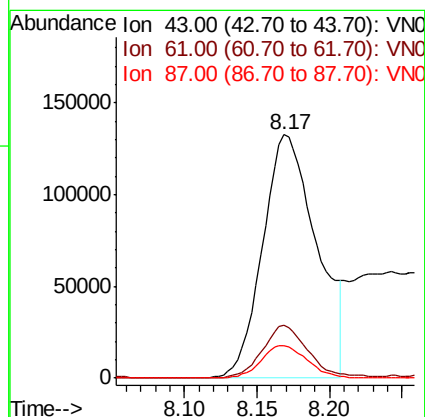
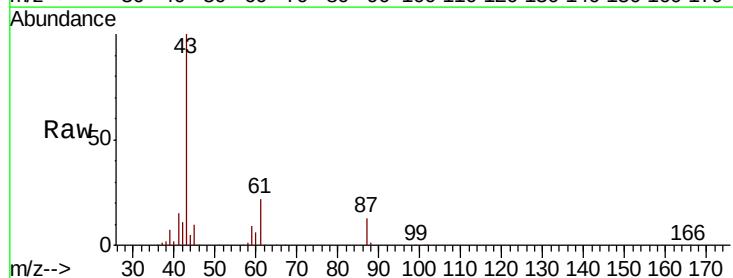
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481ZHE#03

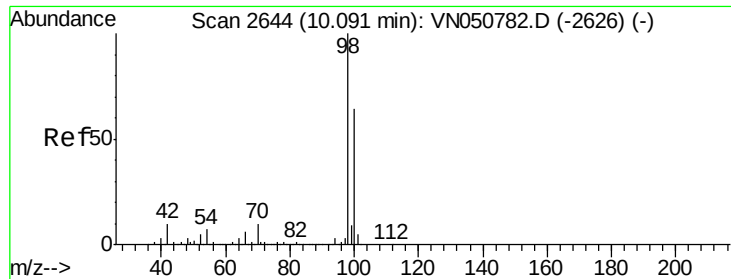
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 30.08 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050959.D
 Acq: 30 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	17.5	26.3
87	11.4	11.3	16.9

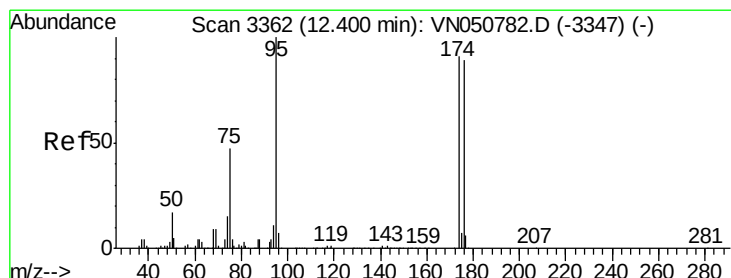
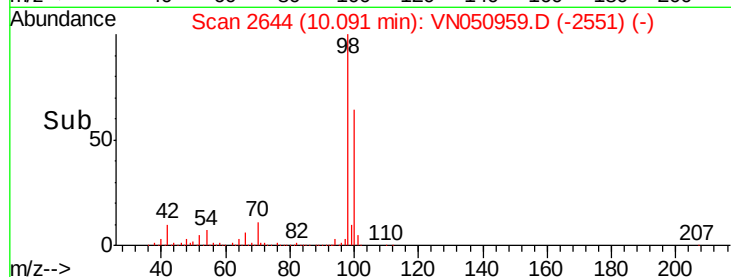
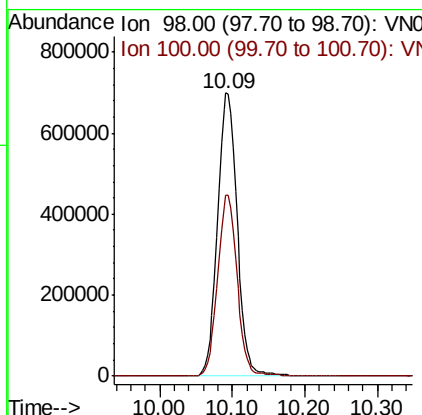
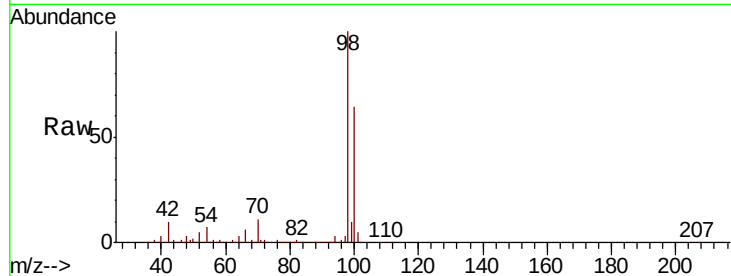




#50
Toluene-d8
Concen: 45.06 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

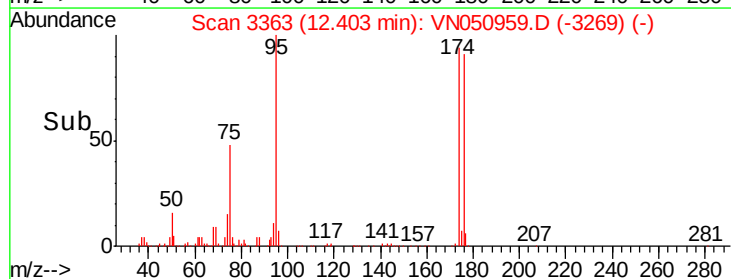
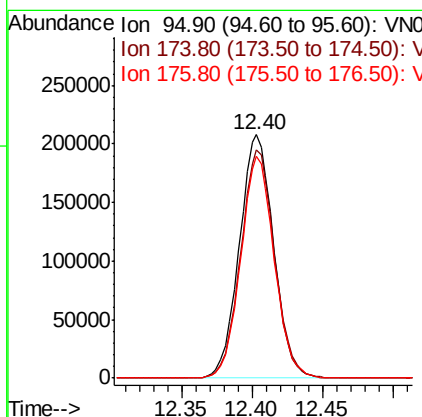
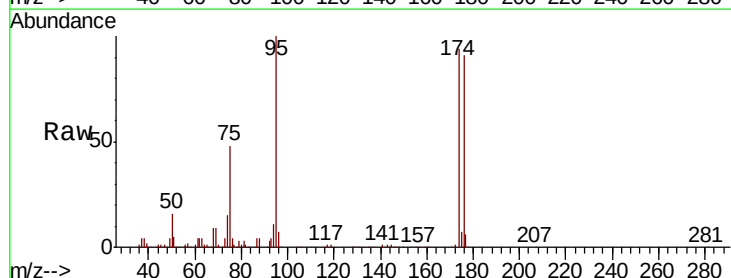
Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#03

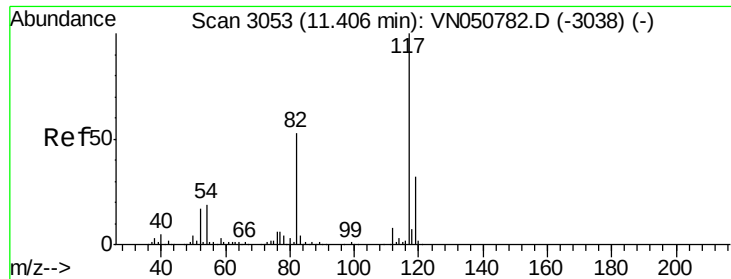
Tot Ion: 98 Resp: 1313176
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 36.44 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

Tgt Ion: 95 Resp: 352889
Ion Ratio Lower Upper
95 100
174 93.2 0.0 183.0
176 89.3 0.0 178.8

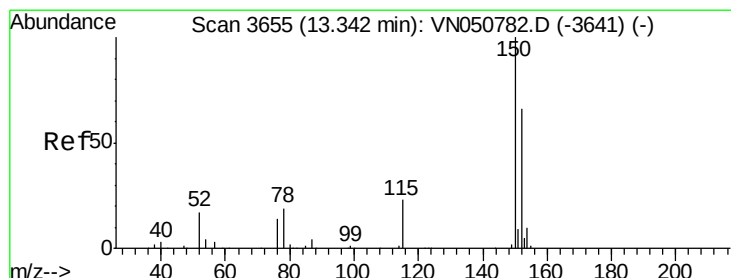
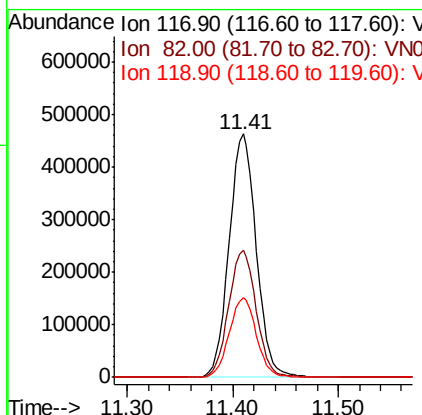
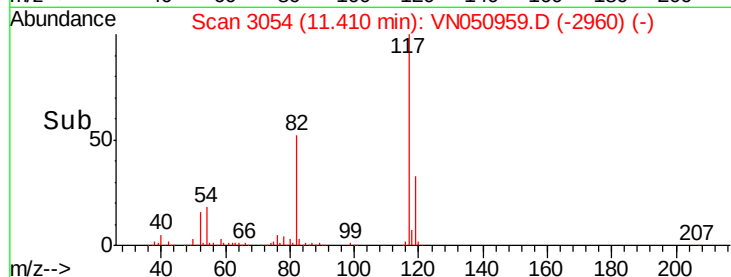
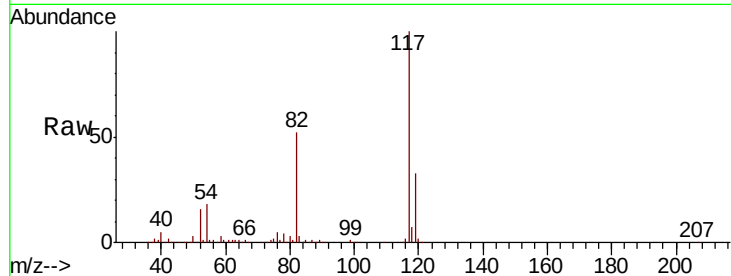




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
PB112481ZHE#03

Tot Ion:117 Resp: 823746
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050959.D
Acq: 30 Aug 2018 13:47

Tgt Ion:152 Resp: 283570
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.4 0.0 351.4

