

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051949.D
 Acq On : 19 Oct 2018 15:47
 Operator : MD\SY
 Sample : PB113937ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#10

Quant Time: Oct 20 00:13:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

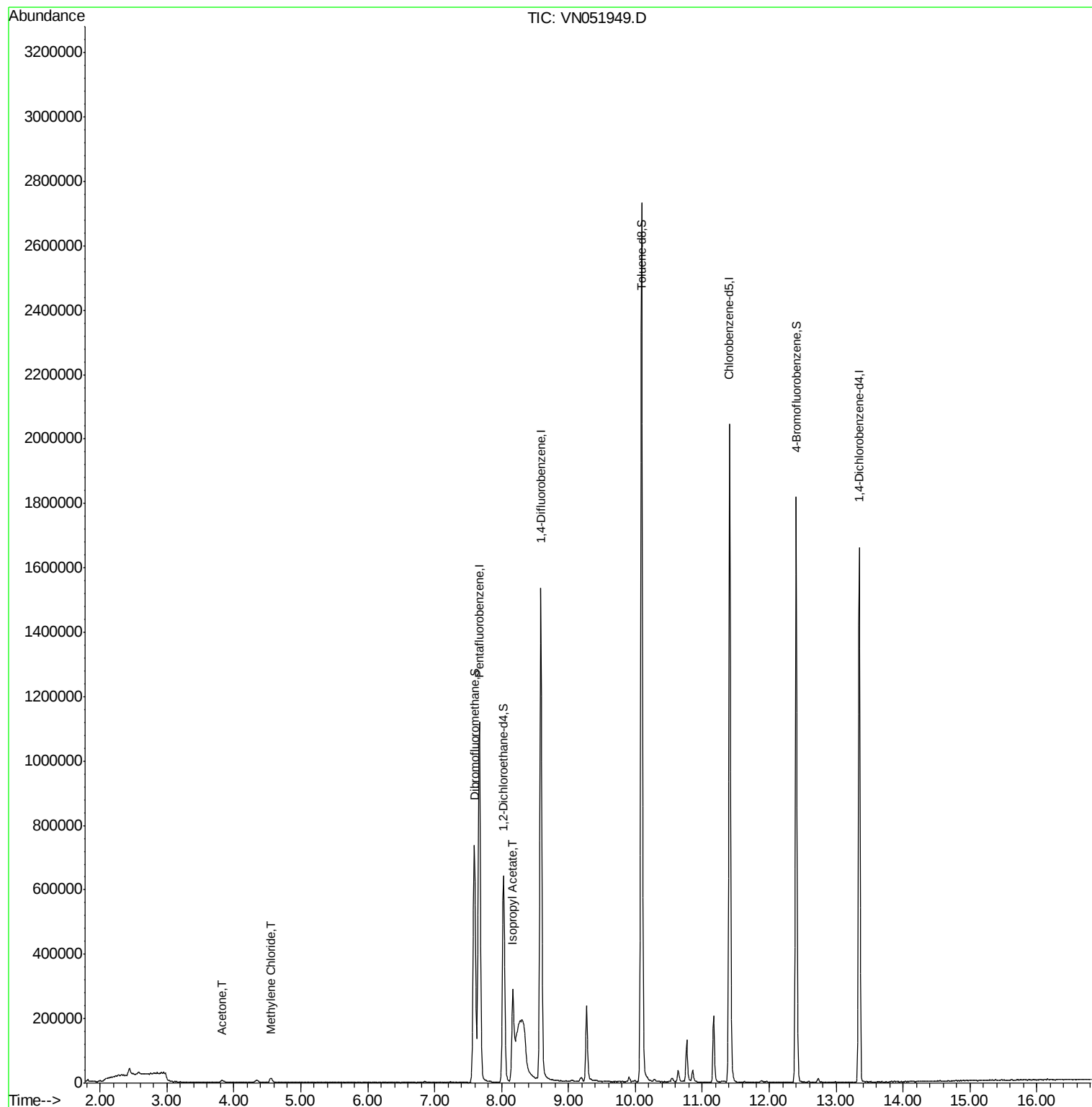
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1000369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1501605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	475957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	559843	60.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.74%	
35) Dibromofluoromethane	7.59	113	549103	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
50) Toluene-d8	10.09	98	2047653	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
62) 4-Bromofluorobenzene	12.40	95	585494	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
16) Acetone	3.82	43	10648	6.484	ug/l	92
20) Methylene Chloride	4.56	84	10437	1.250	ug/l	85
43) Isopropyl Acetate	8.17	43	341337	31.760	ug/l #	82

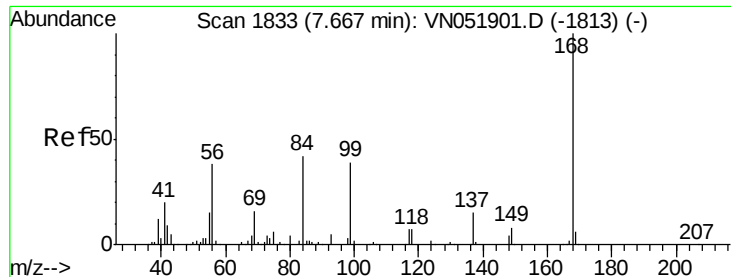
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051949.D

Acq: 19 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

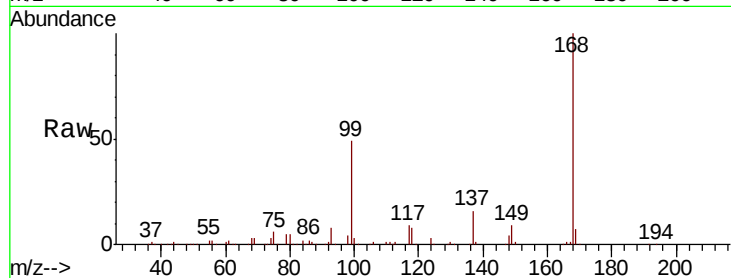
PB113937ZHE#10

Tot Ion:168 Resp: 1000369

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051949.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051949.D (-1740) (-)

7.67

400000

300000

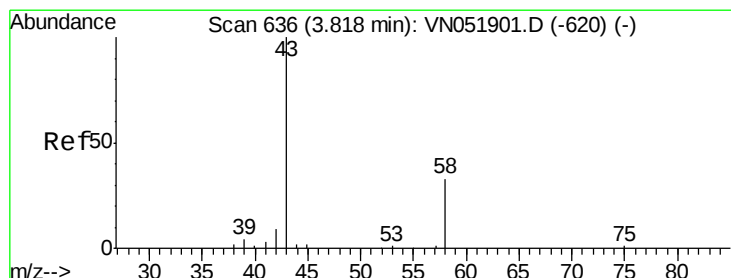
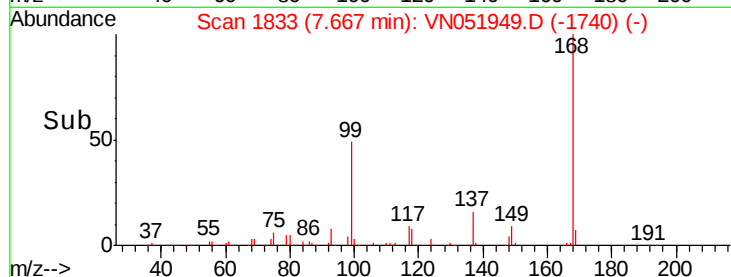
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.484 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051949.D

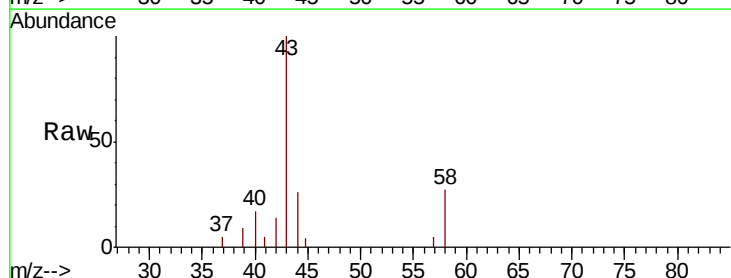
Acq: 19 Oct 2018 15:47

Tgt Ion: 43 Resp: 10648

Ion Ratio Lower Upper

43 100

58 27.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN051949.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051949.D (-543) (-)

3.82

5000

4000

3000

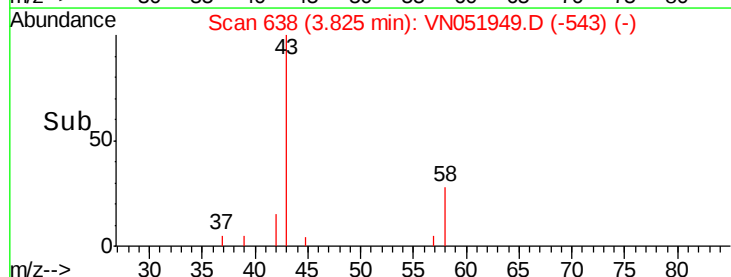
2000

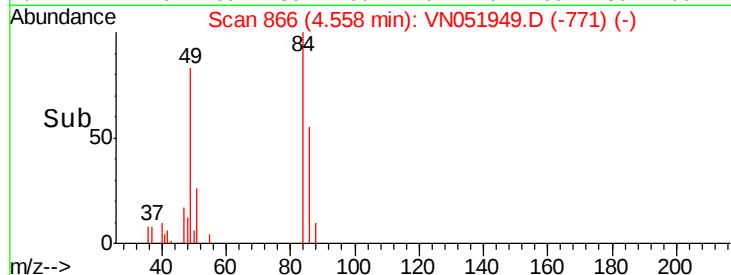
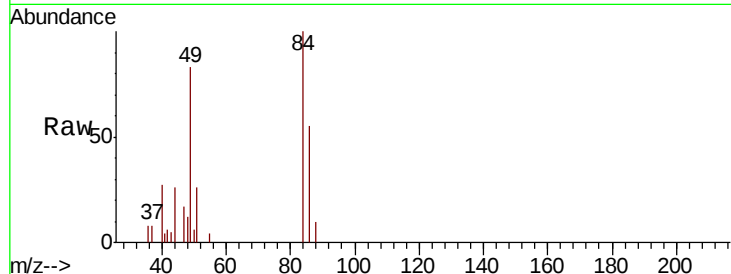
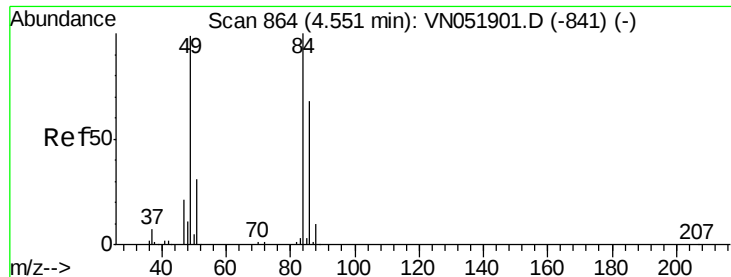
1000

0

3.75 3.80 3.85 3.90

Time-->

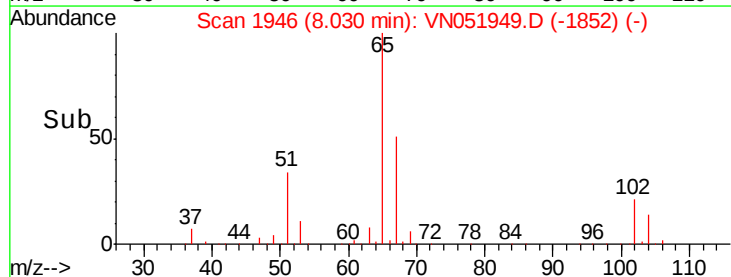
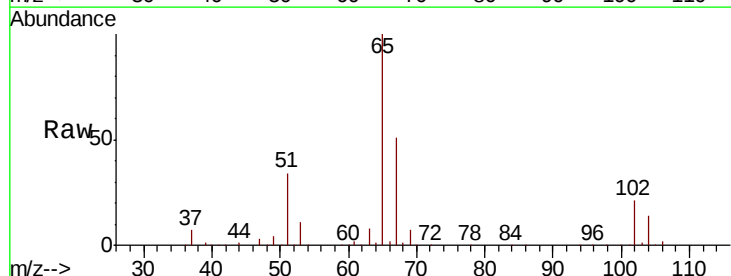
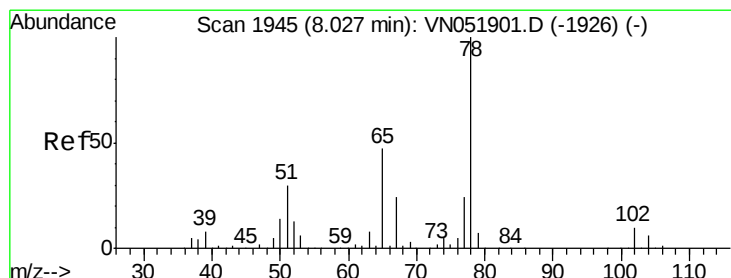
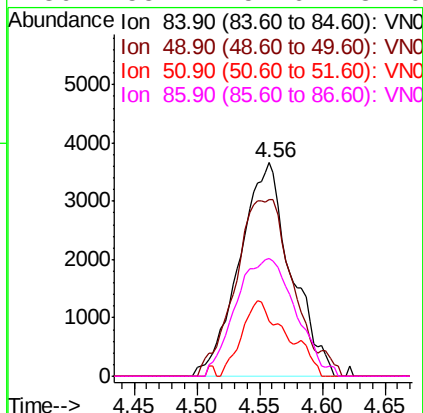




#20
Methvlene Chloride
Concen: 1.250 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051949.D
Acq: 19 Oct 2018 15:47

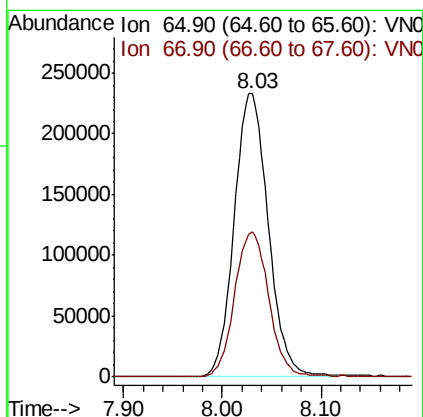
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#10

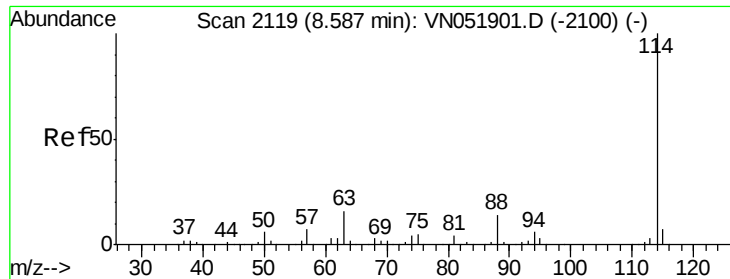
Tot Ion:	84	Resp:	10437
Ion	Ratio	Lower	Upper
84	100		
49	82.9	79.0	118.4
51	26.0	24.9	37.3
86	55.1	54.6	82.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051949.D
Acq: 19 Oct 2018 15:47

Tgt Ion:	65	Resp:	559843
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

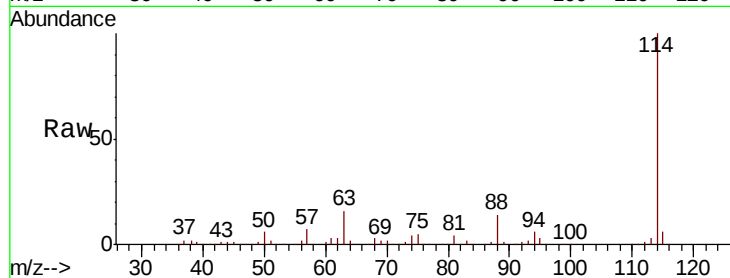




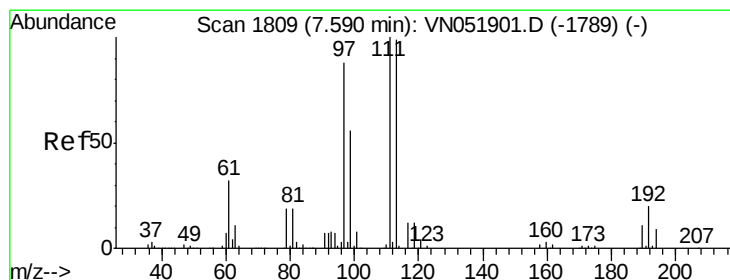
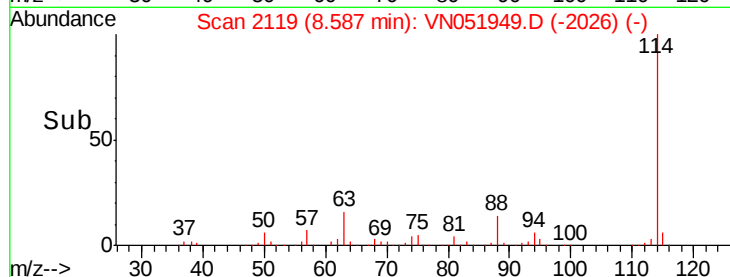
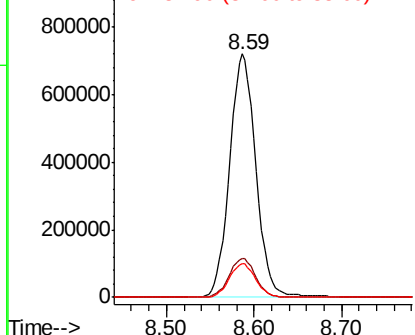
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051949.D
 Acq: 19 Oct 2018 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#10

Tot Ion:114 Resp: 1501605
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.8
 88 13.9 0.0 28.0

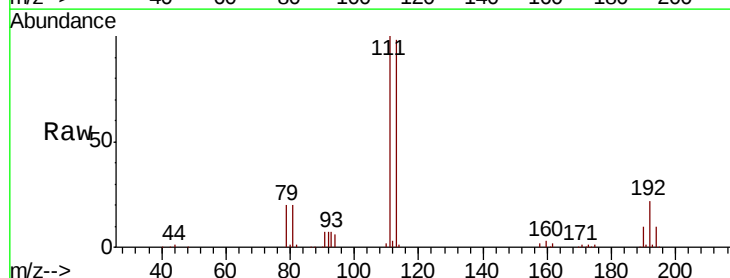


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

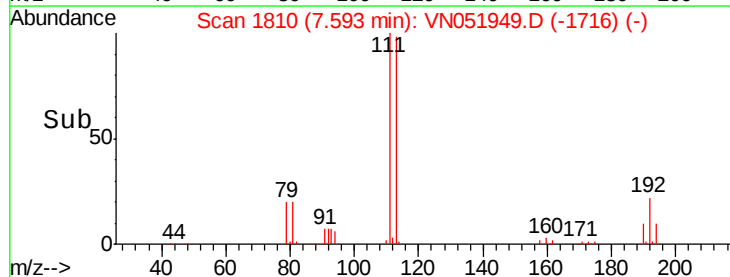
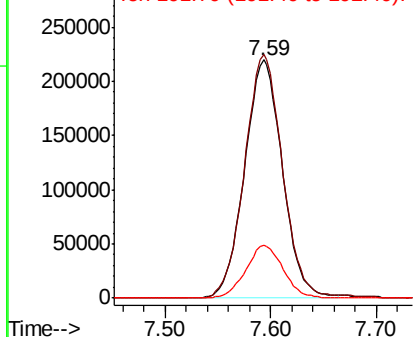


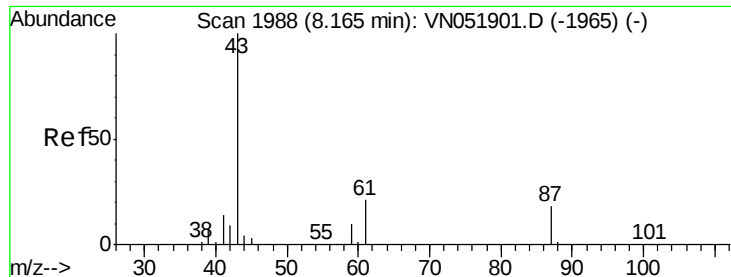
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051949.D
 Acq: 19 Oct 2018 15:47

Tgt Ion:113 Resp: 549103
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 22.0 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 31.760 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051949.D

Acq: 19 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#10

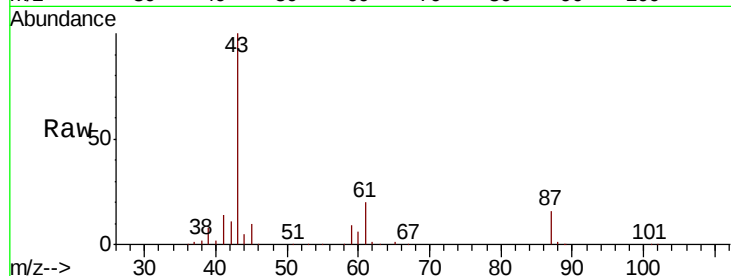
Tot Ion: 43 Resp: 341337

Ion Ratio Lower Upper

43 100

61 18.5 24.9 37.3#

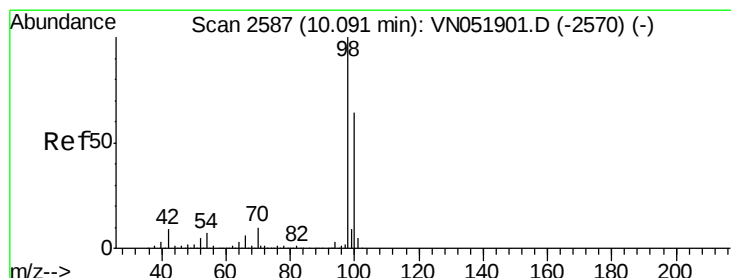
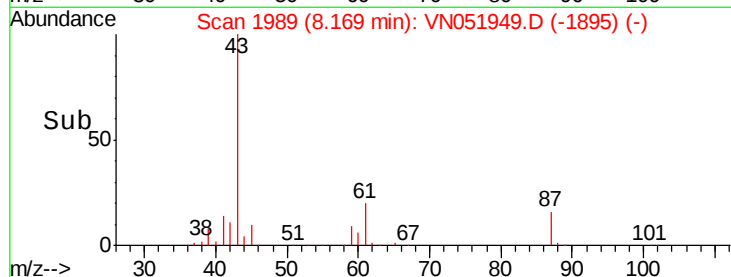
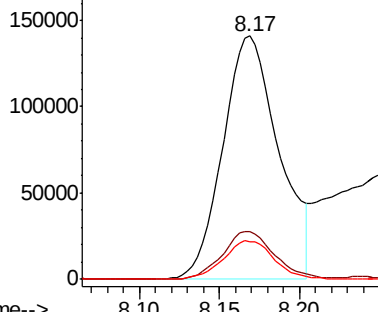
87 14.5 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051901.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051901.D (-1965) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051949.D

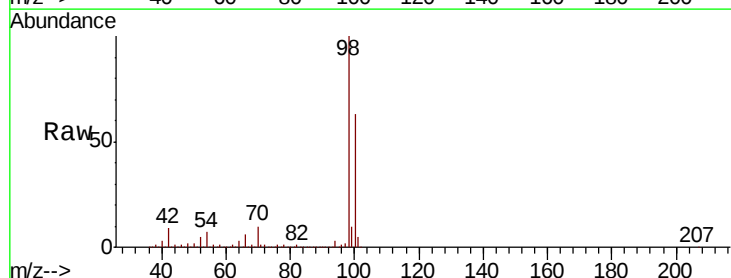
Acq: 19 Oct 2018 15:47

Tgt Ion: 98 Resp: 2047653

Ion Ratio Lower Upper

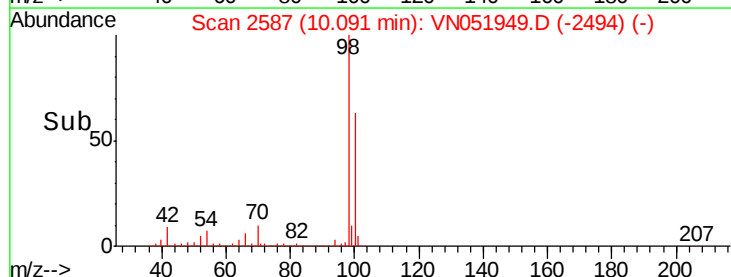
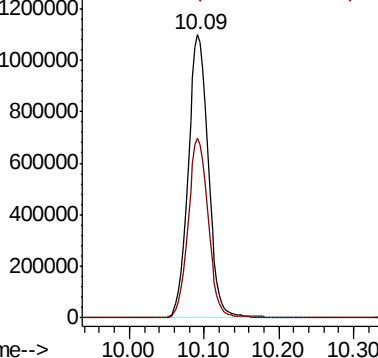
98 100

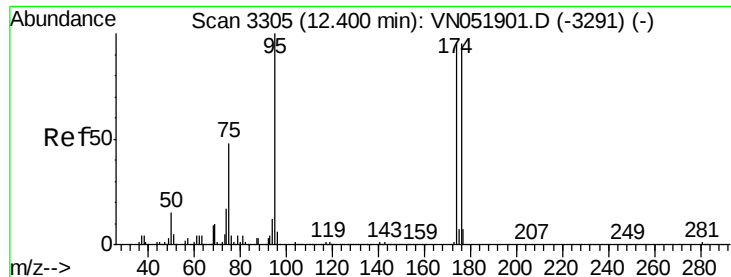
100 63.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN051901.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051901.D (-2570) (-)

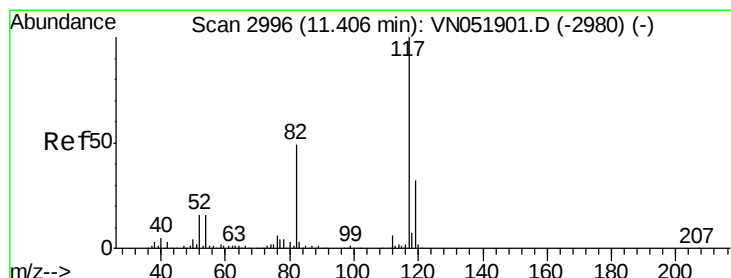
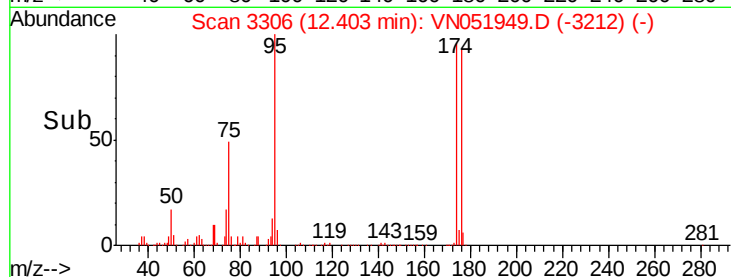
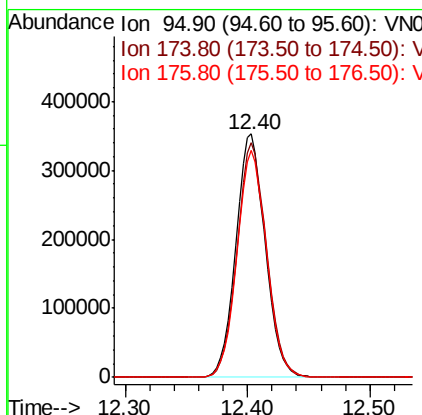
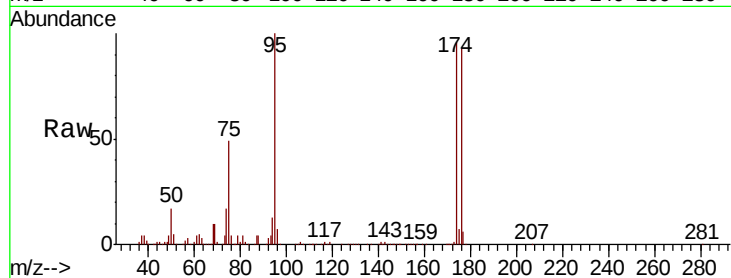




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051949.D
Acq: 19 Oct 2018 15:47

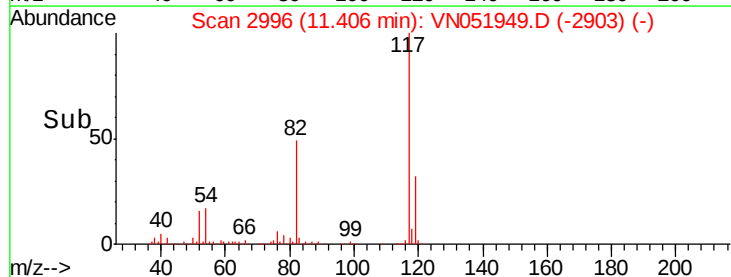
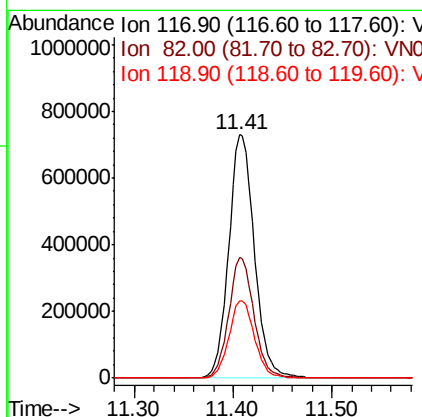
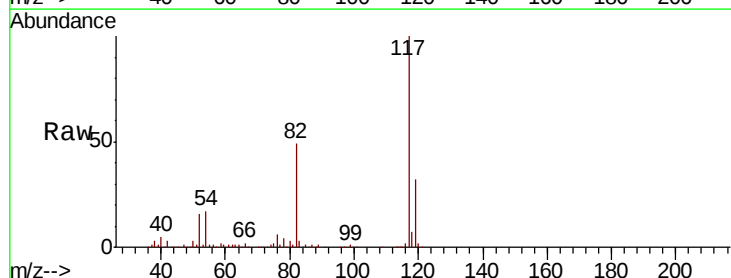
Instrument :
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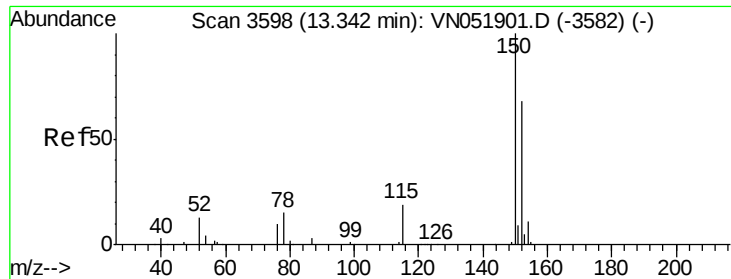
Tot Ion: 95 Resp: 585494
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.0
176 93.5 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051949.D
Acq: 19 Oct 2018 15:47

Tgt Ion: 117 Resp: 1324084
Ion Ratio Lower Upper
117 100
82 49.3 38.9 58.3
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051949.D
 Acq: 19 Oct 2018 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#10

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.7	80.1
150	157.3	0.0	346.4

