

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051941.D
 Acq On : 19 Oct 2018 12:13
 Operator : MD\SY
 Sample : PB113937ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#02

Quant Time: Oct 19 23:50:05 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

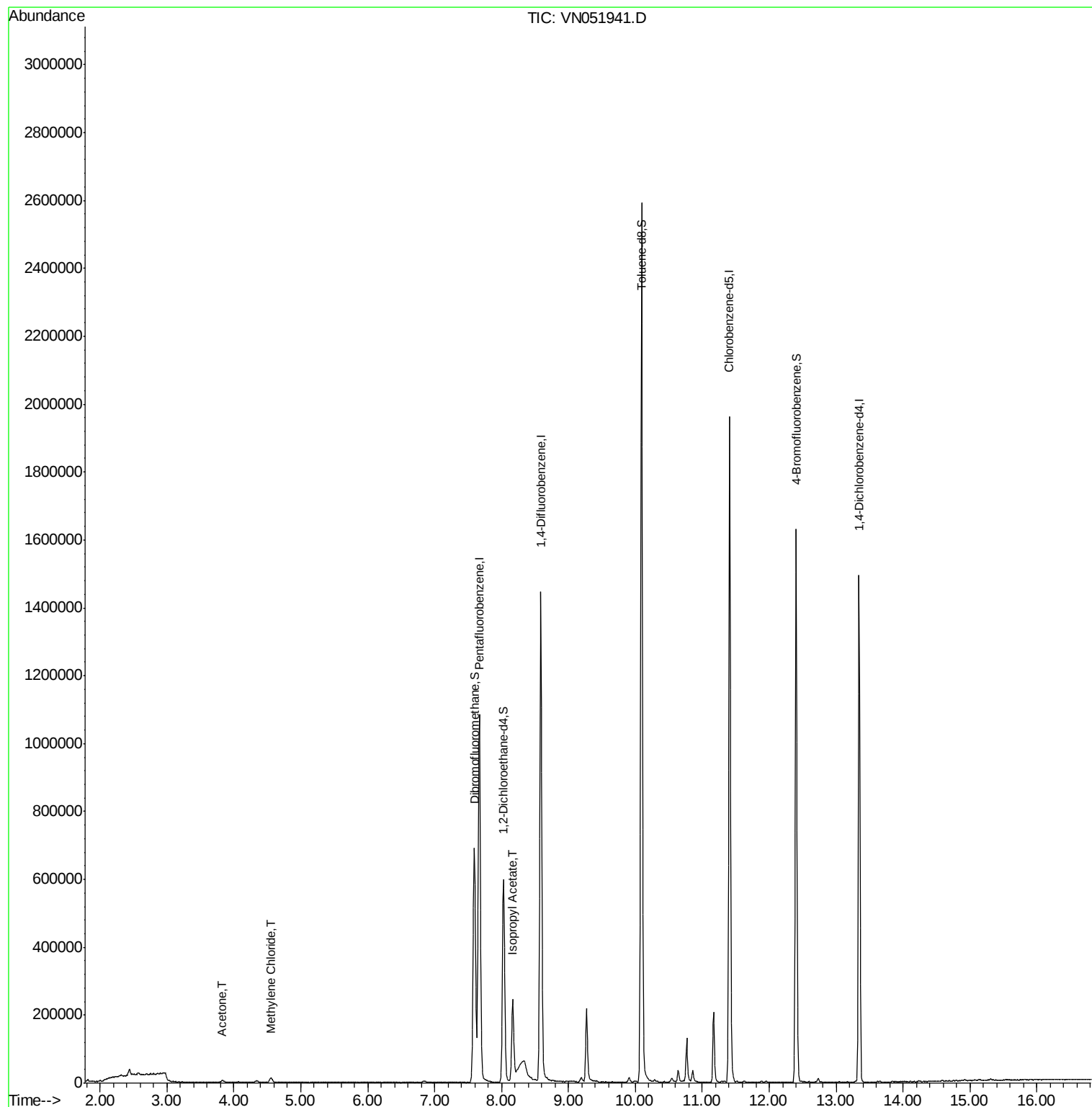
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	959499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1418917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1253457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	528905	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
35) Dibromofluoromethane	7.59	113	524063	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.22%	
50) Toluene-d8	10.09	98	1942705	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
62) 4-Bromofluorobenzene	12.40	95	546775	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
16) Acetone	3.82	43	11110	7.054	ug/l	92
20) Methylene Chloride	4.55	84	11858	1.481	ug/l	94
43) Isopropyl Acetate	8.17	43	283257	27.718	ug/l #	88

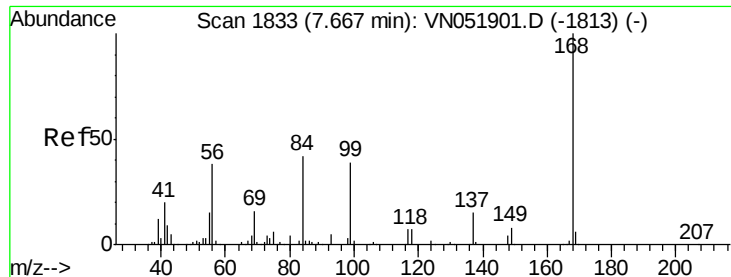
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

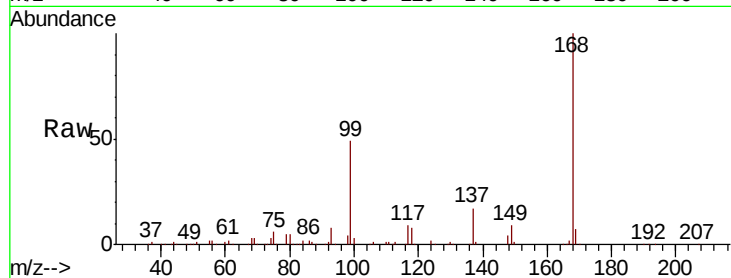
PB113937ZHE#02

Tot Ion:168 Resp: 959499

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

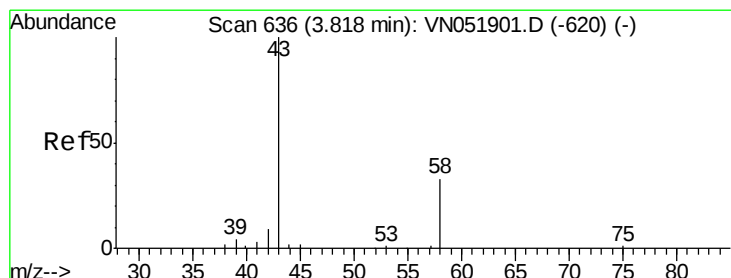
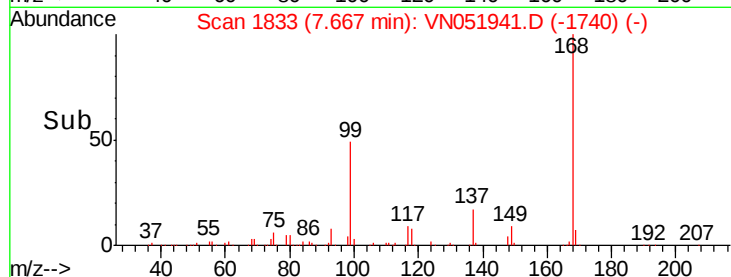
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.054 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051941.D

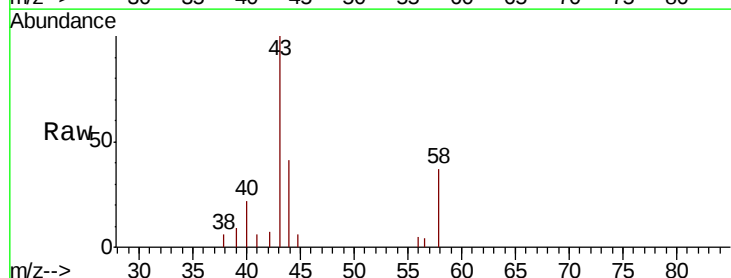
Acq: 19 Oct 2018 12:13

Tgt Ion: 43 Resp: 11110

Ion Ratio Lower Upper

43 100

58 36.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

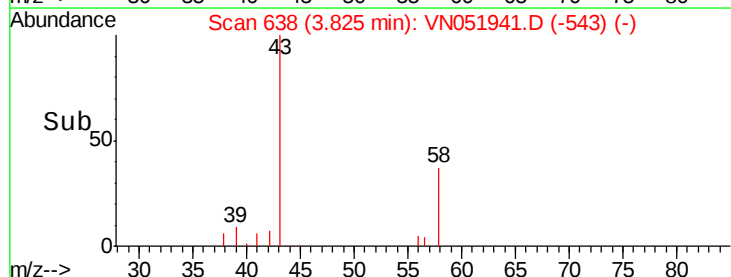
3000

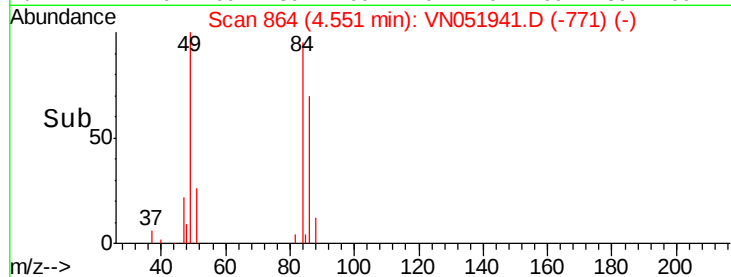
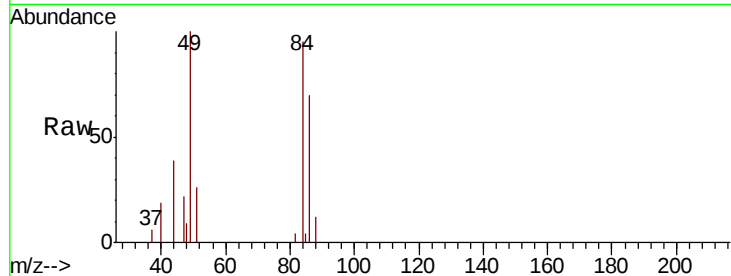
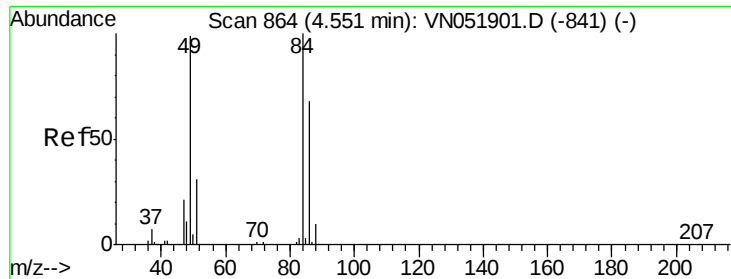
2000

1000

0

Time-->

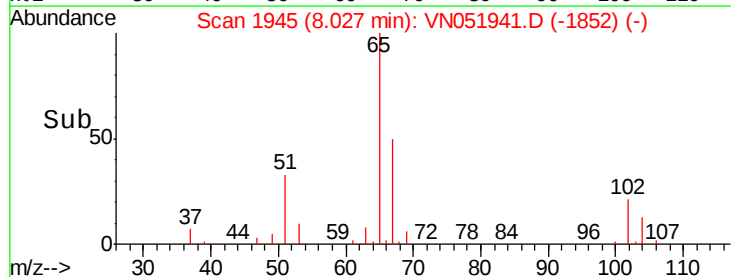
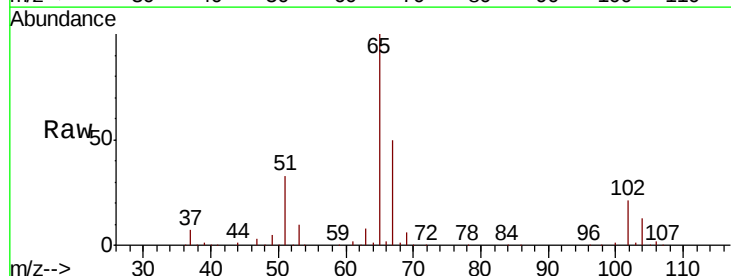
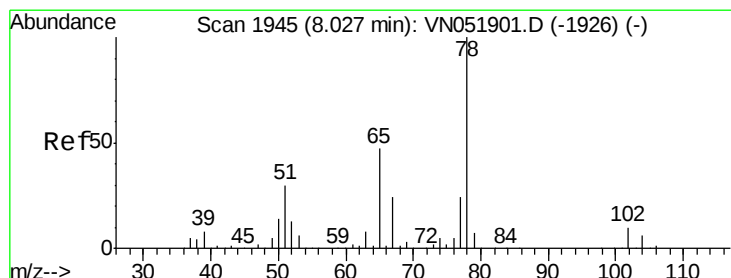
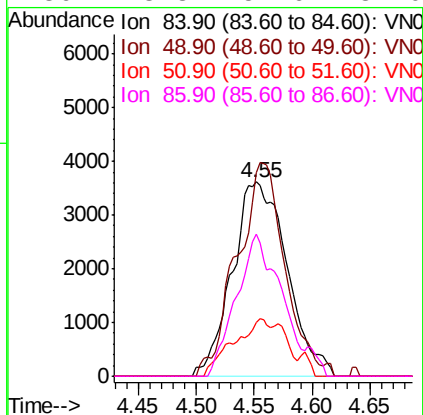




#20
Methvlene Chloride
Concen: 1.481 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

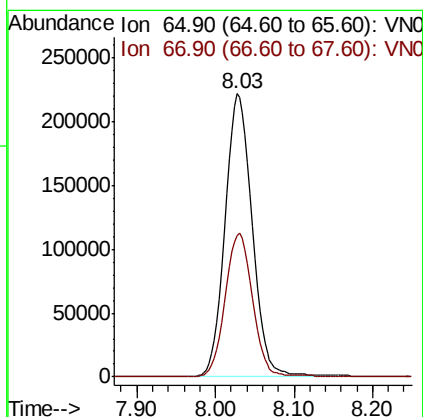
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

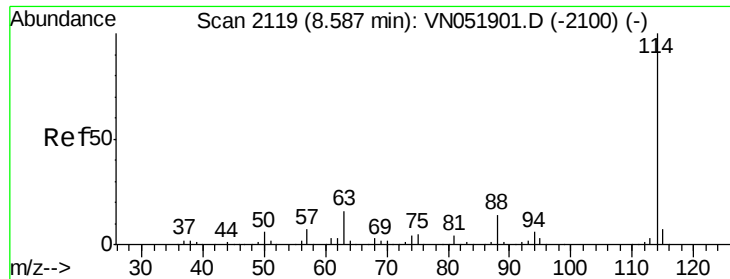
Tot Ion: 84 Resp: 11858
Ion Ratio Lower Upper
84 100
49 104.8 79.0 118.4
51 27.6 24.9 37.3
86 73.3 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion: 65 Resp: 528905
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

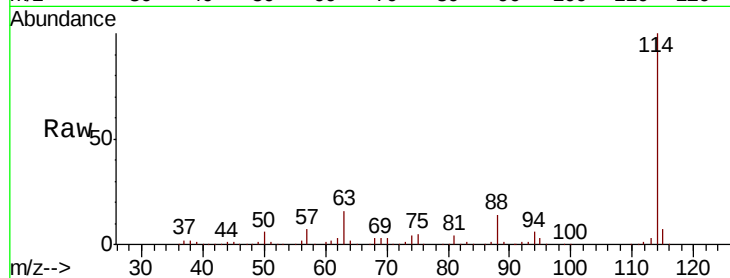




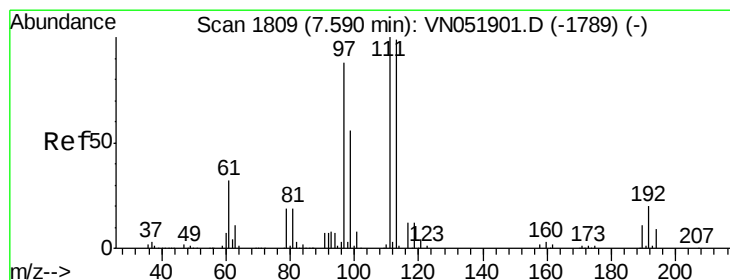
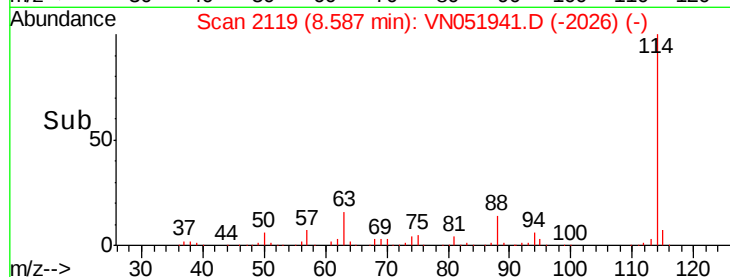
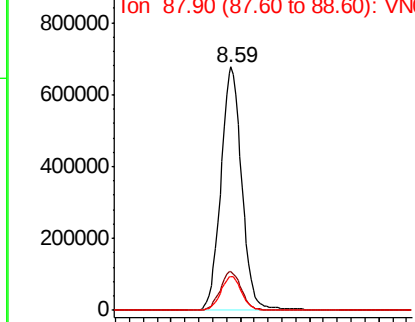
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

Tot Ion:114 Resp: 1418917
Ion Ratio Lower Upper
114 100
63 15.7 0.0 31.8
88 14.1 0.0 28.0

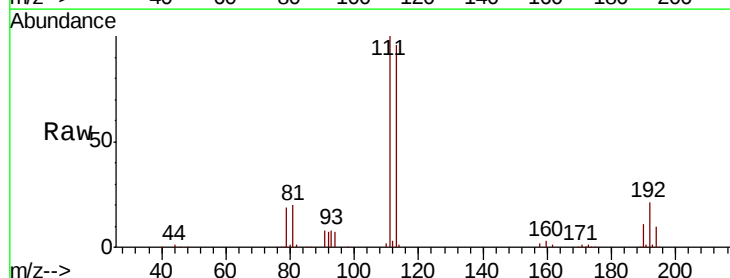


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

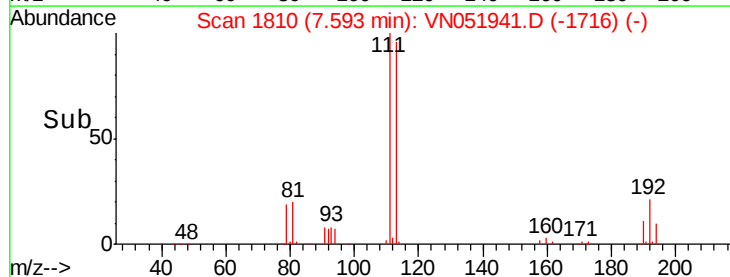
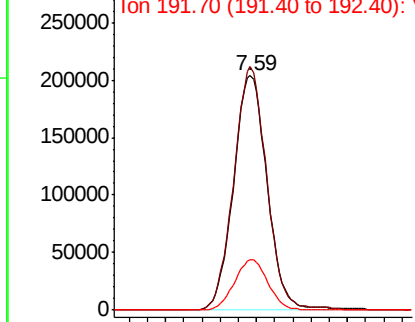


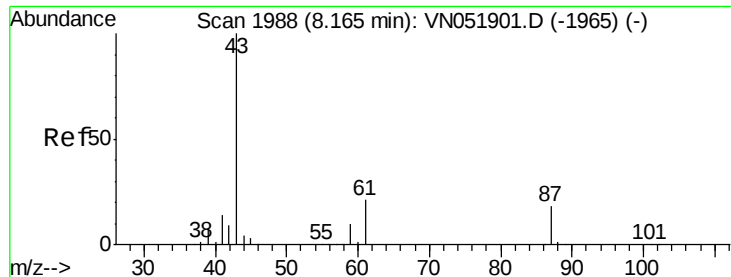
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion:113 Resp: 524063
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 21.5 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: 27.718 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

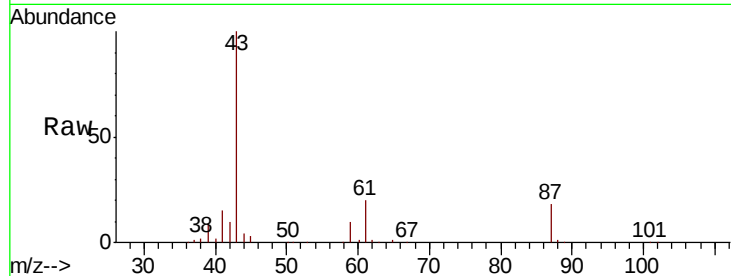
Tot Ion: 43 Resp: 283257

Ion Ratio Lower Upper

43 100

61 21.1 24.9 37.3#

87 17.4 14.6 22.0

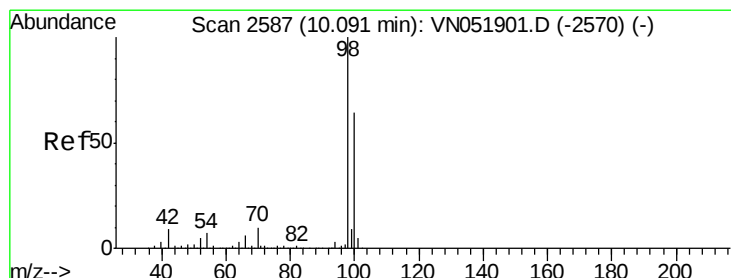
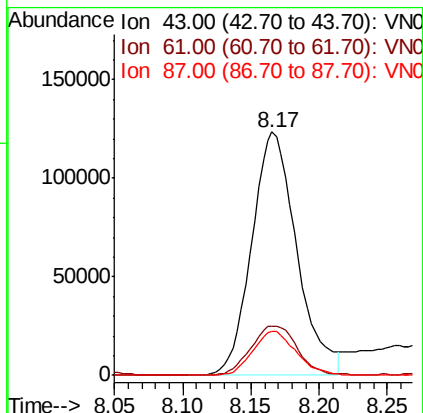
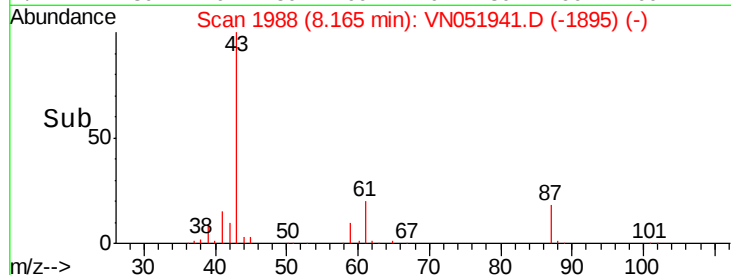


Abundance Ion 43.00 (42.70 to 43.70): VN051941.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051941.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051941.D (-1965) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051941.D

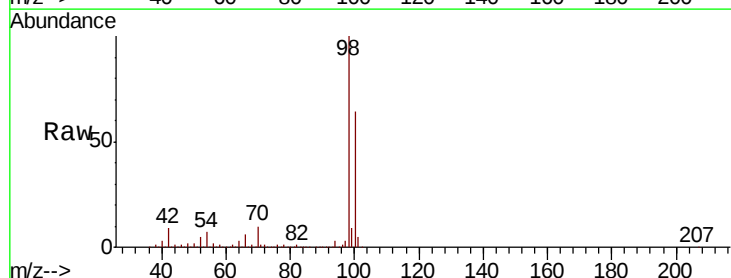
Acq: 19 Oct 2018 12:13

Tgt Ion: 98 Resp: 1942705

Ion Ratio Lower Upper

98 100

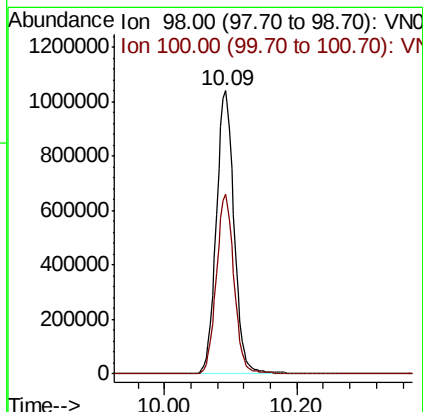
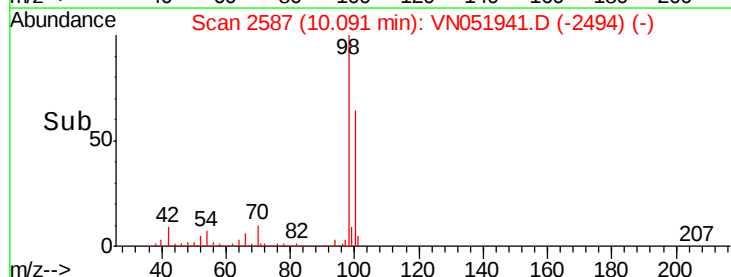
100 63.2 51.0 76.4

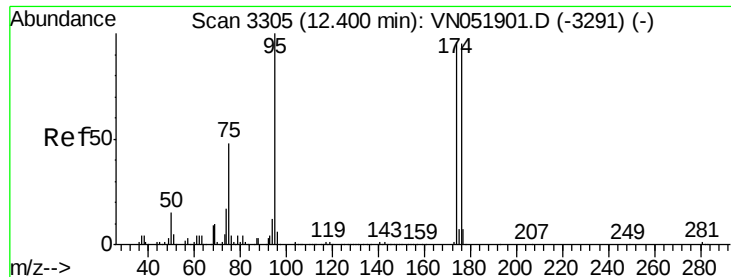


Abundance Ion 98.00 (97.70 to 98.70): VN051941.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051941.D (-2570) (-)

Time--> 10.00 10.05 10.10 10.15 10.20

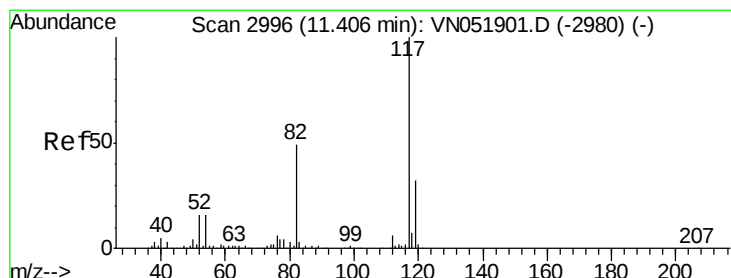
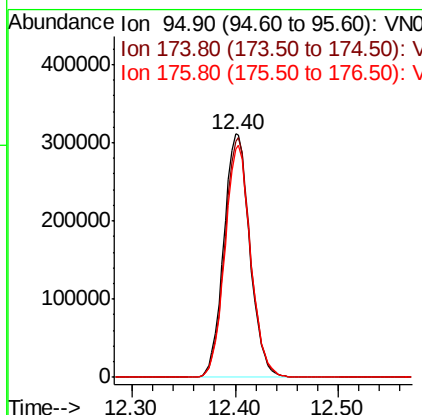
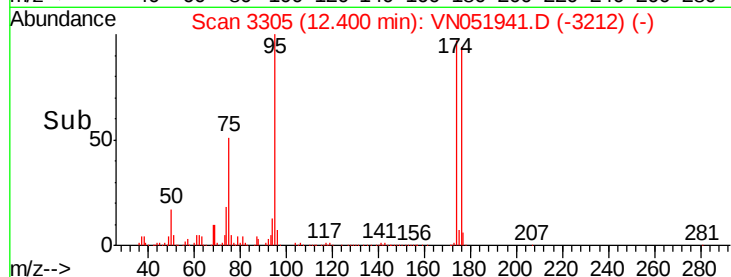
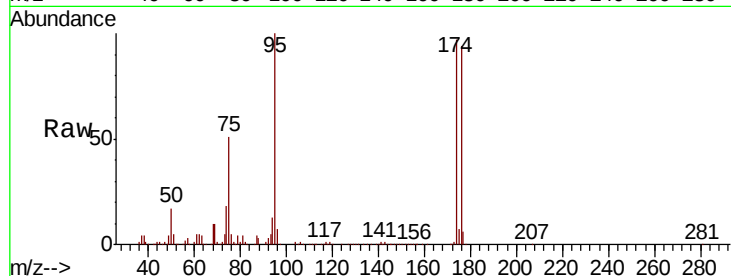




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

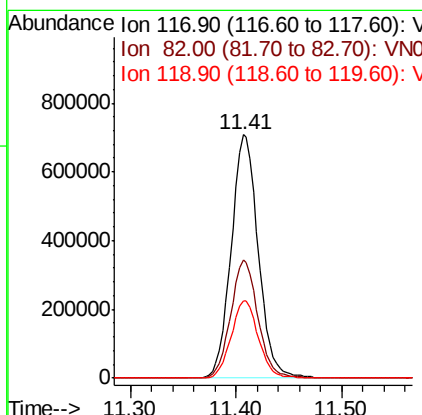
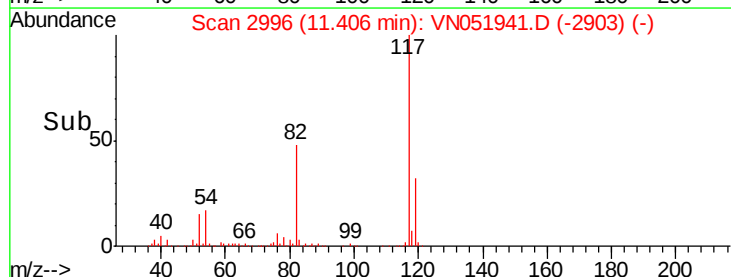
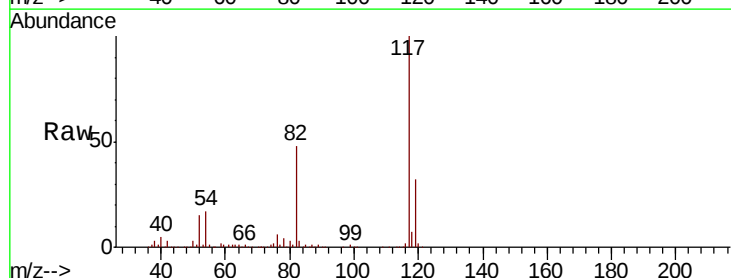
Instrument :
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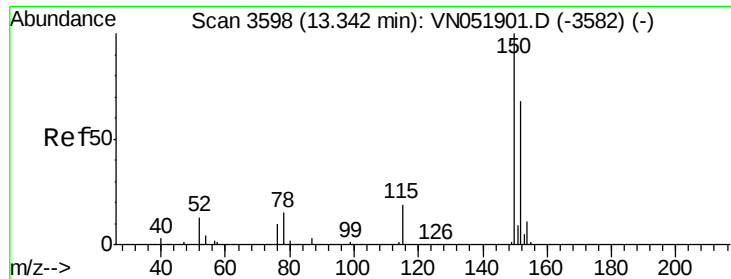
Tot Ion:	95	Resp:	546775
Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	195.0
176	94.1	0.0	191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion:	117	Resp:	1253457
Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.9	58.3
119	31.9	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: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

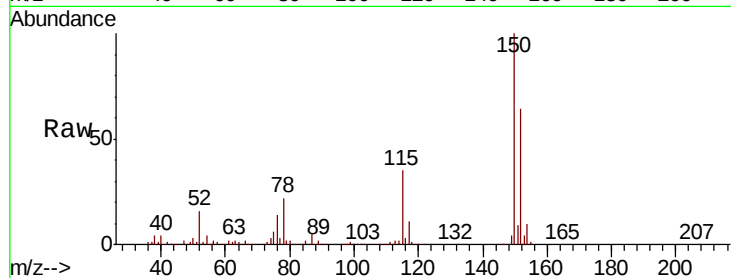
Tot Ion:152 Resp: 437366

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

150 158.6 0.0 346.4



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

