

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052022.D
 Acq On : 26 Oct 2018 12:33
 Operator : MD\SY
 Sample : PB114195TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195TB

Quant Time: Oct 27 00:02:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

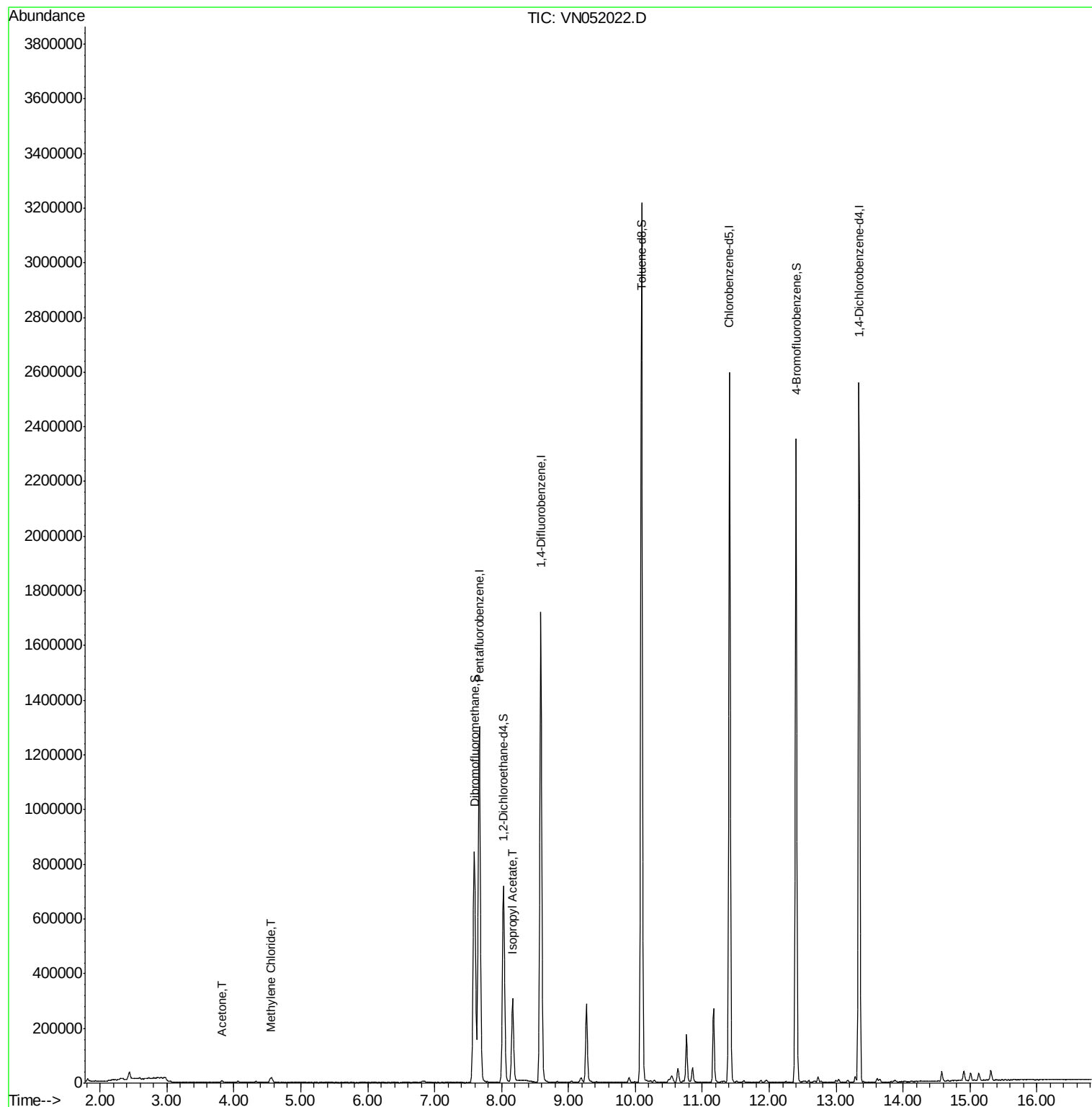
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1179939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1722307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1636496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	744140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	601947	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
35) Dibromofluoromethane	7.59	113	643698	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
50) Toluene-d8	10.09	98	2363737	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.04%	
62) 4-Bromofluorobenzene	12.40	95	740212	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
Target Compounds						
16) Acetone	3.82	43	10782	6.227	ug/l	91
20) Methylene Chloride	4.55	84	14591	1.437	ug/l #	96
43) Isopropyl Acetate	8.17	43	336361	30.400	ug/l	99

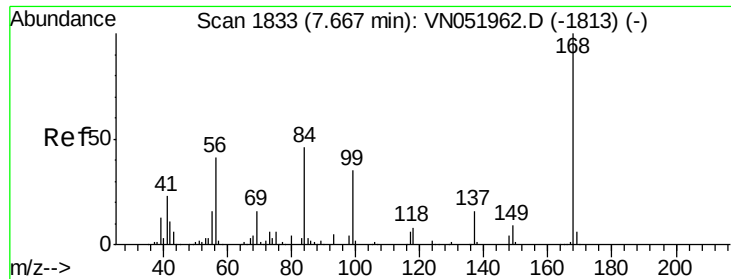
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
Data File : VN052022.D
Acq On : 26 Oct 2018 12:33
Operator : MD\SY
Sample : PB114195TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114195TB

Quant Time: Oct 27 00:02:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052022.D

Acq: 26 Oct 2018 12:33

Instrument :

MSVOA_N

ClientSampled :

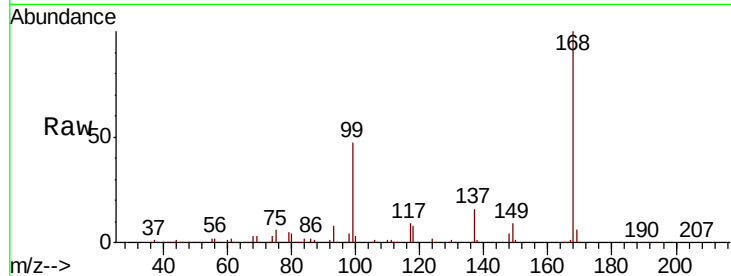
PB114195TB

Tot Ion:168 Resp: 1179939

Ion Ratio Lower Upper

168 100

99 46.6 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

500000

400000

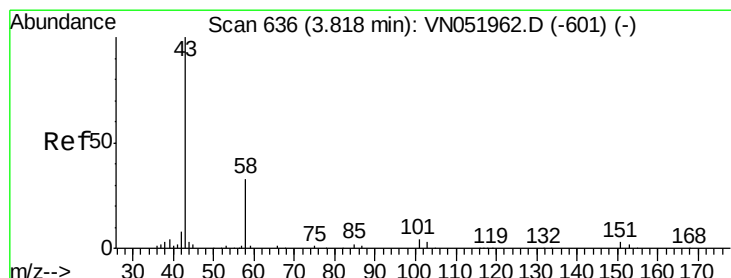
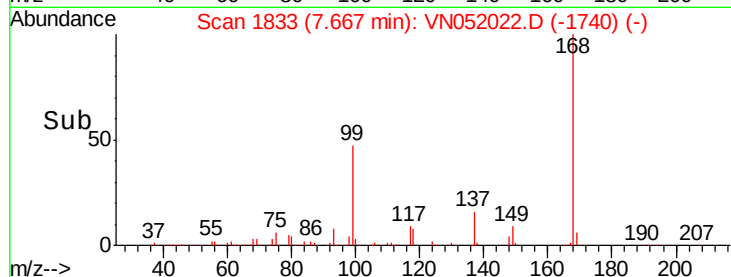
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.227 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052022.D

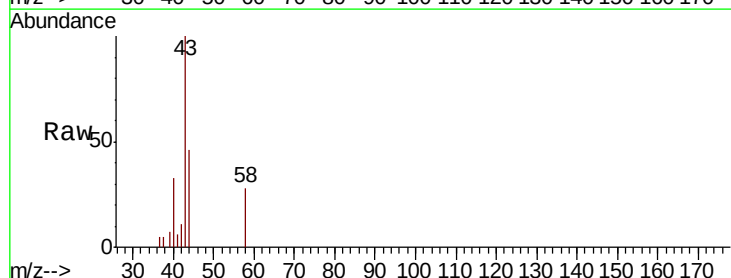
Acq: 26 Oct 2018 12:33

Tgt Ion: 43 Resp: 10782

Ion Ratio Lower Upper

43 100

58 28.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

3.82

4000

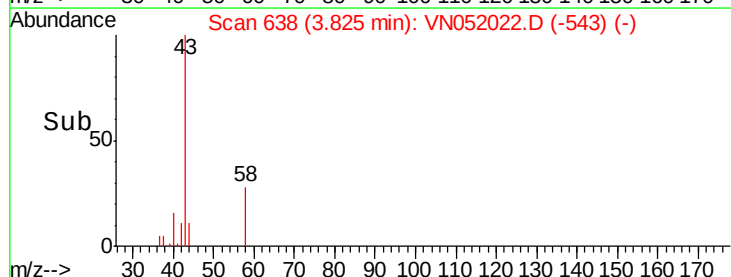
3000

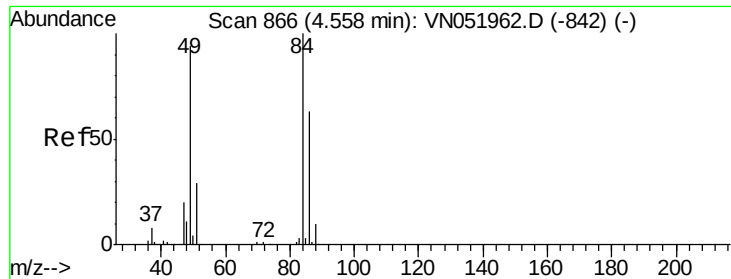
2000

1000

0

Time-->

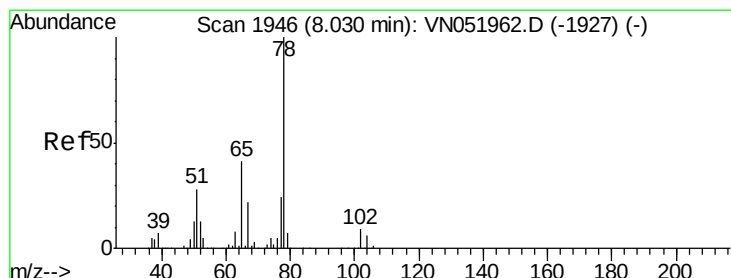
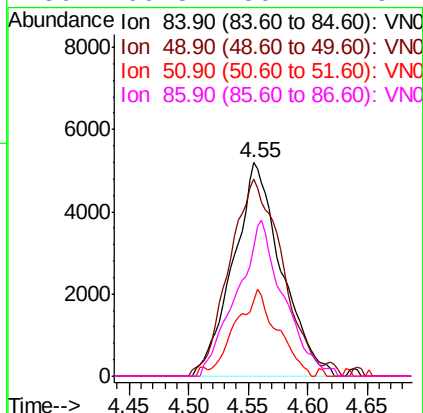
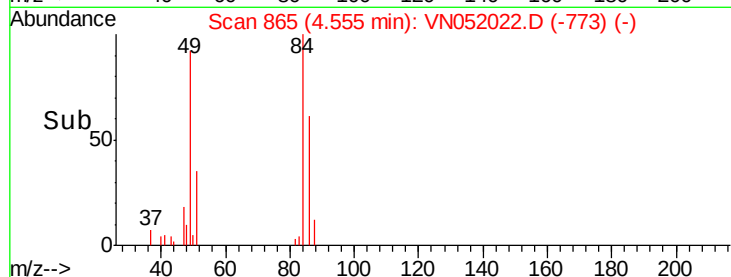
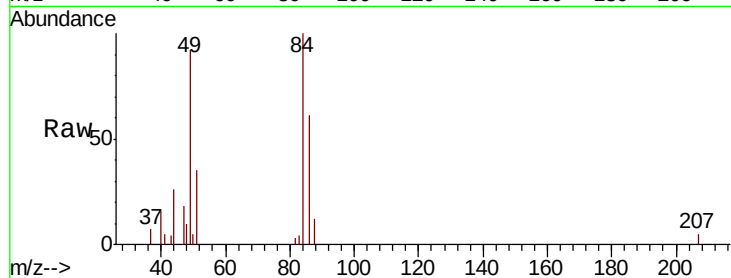




#20
Methvlene Chloride
Concen: 1.437 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052022.D
Acq: 26 Oct 2018 12:33

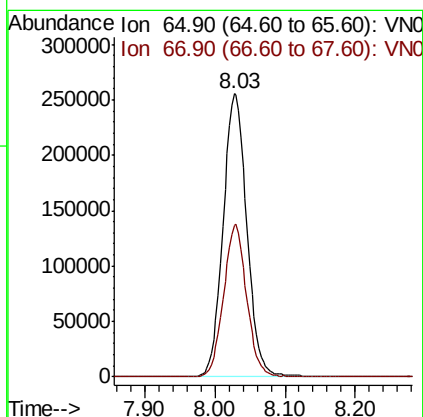
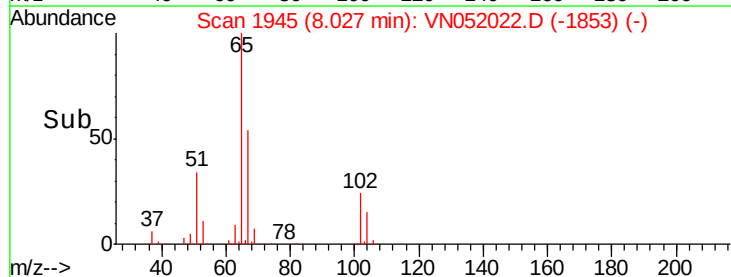
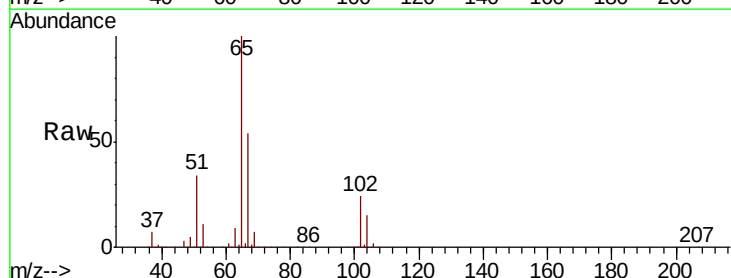
Instrument :
MSVOA_N
ClientSampleId :
PB114195TB

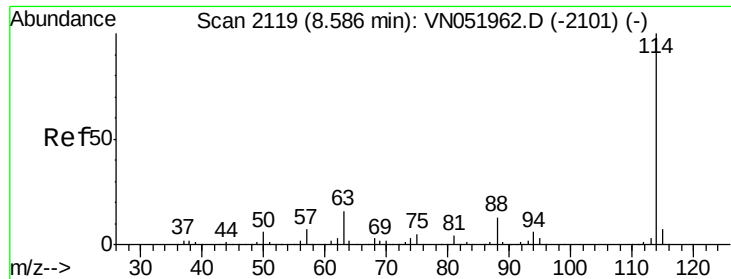
Tot Ion: 84 Resp: 14591
Ion Ratio Lower Upper
84 100
49 92.1 75.4 113.0
51 35.3 23.1 34.7#
86 60.8 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052022.D
Acq: 26 Oct 2018 12:33

Tgt Ion: 65 Resp: 601947
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

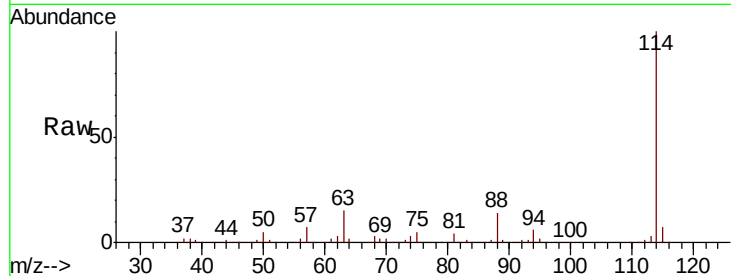




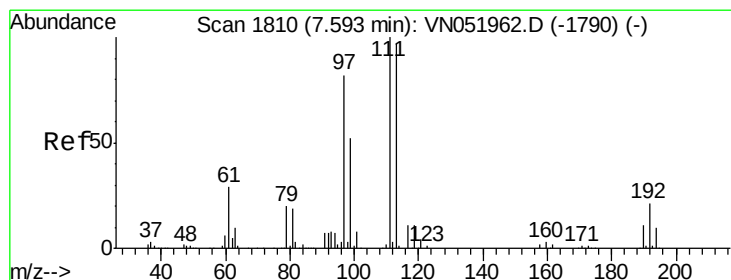
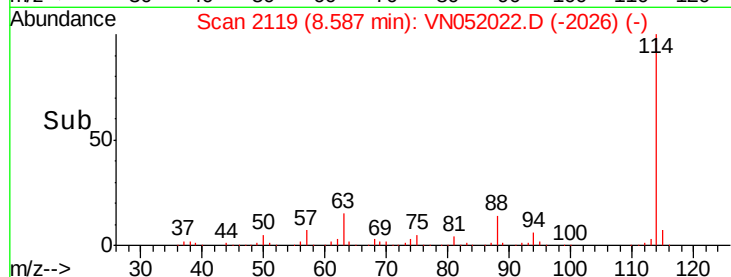
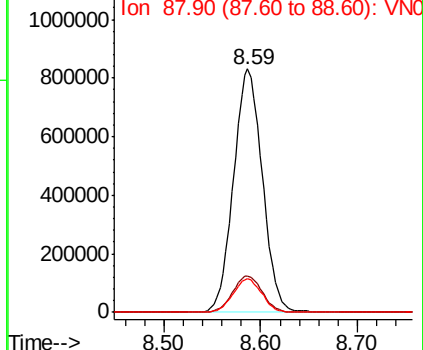
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052022.D
 Acq: 26 Oct 2018 12:33

Instrument :
 MSVOA_N
 ClientSampled :
 PB114195TB

Tot Ion:114 Resp: 1722307
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.2
 88 13.8 0.0 27.0

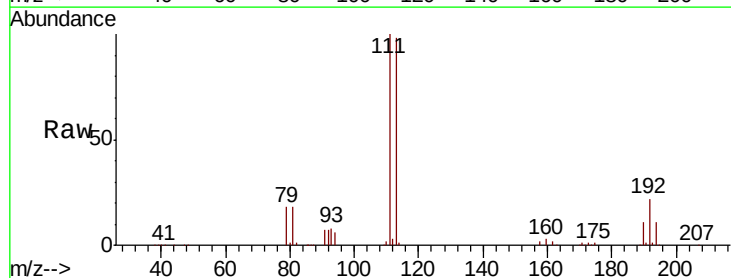


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

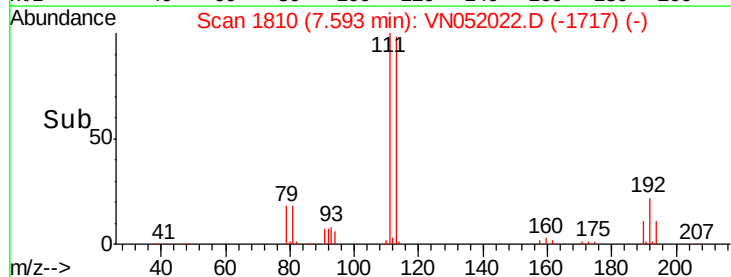
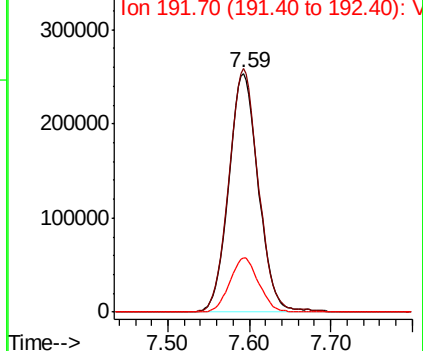


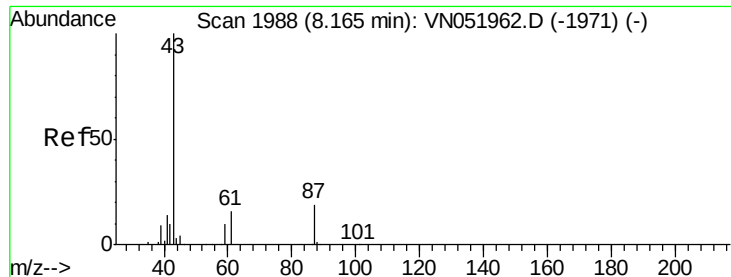
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052022.D
 Acq: 26 Oct 2018 12:33

Tgt Ion:113 Resp: 643698
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.2 17.2 25.8



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: 30.400 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052022.D

Acq: 26 Oct 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

PB114195TB

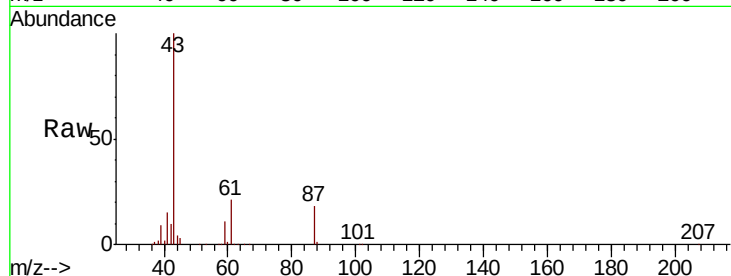
Tot Ion: 43 Resp: 336361

Ion Ratio Lower Upper

43 100

61 22.2 17.2 25.8

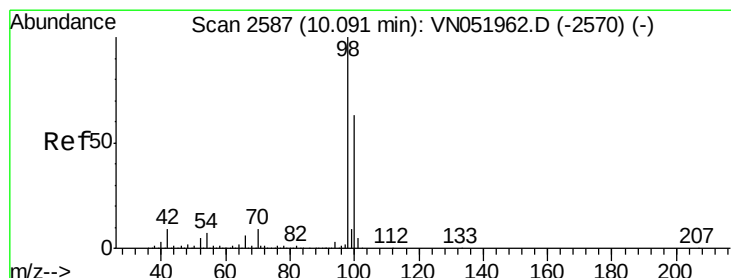
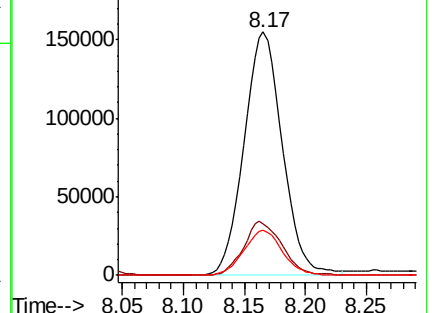
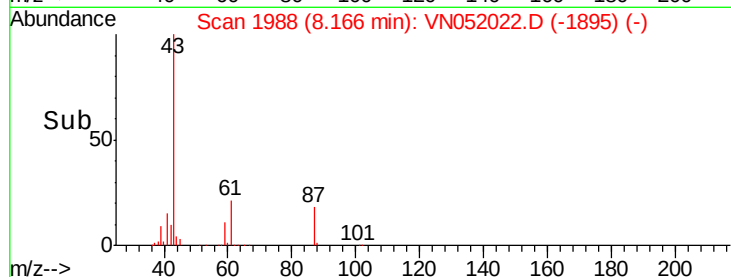
87 18.8 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN051962.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN051962.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052022.D

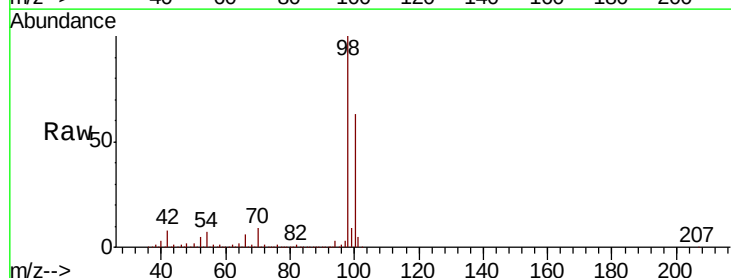
Acq: 26 Oct 2018 12:33

Tgt Ion: 98 Resp: 2363737

Ion Ratio Lower Upper

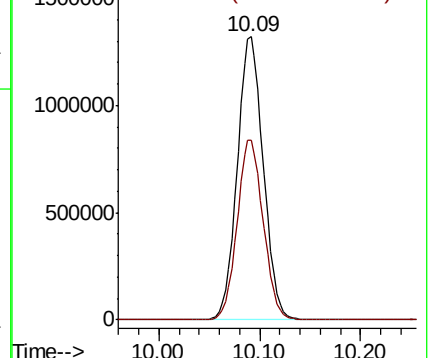
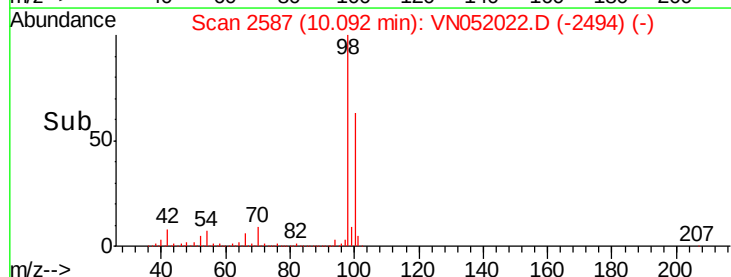
98 100

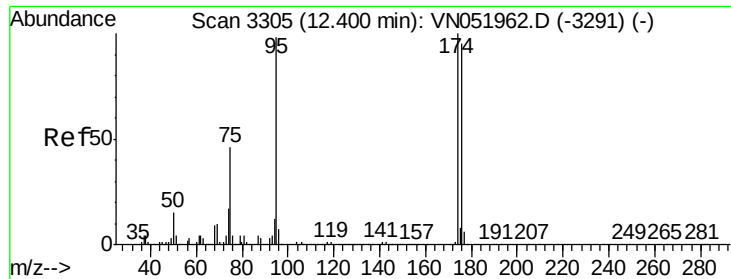
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN051962.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051962.D (-2570) (-)

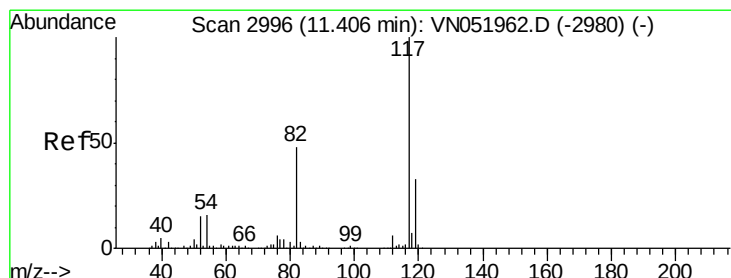
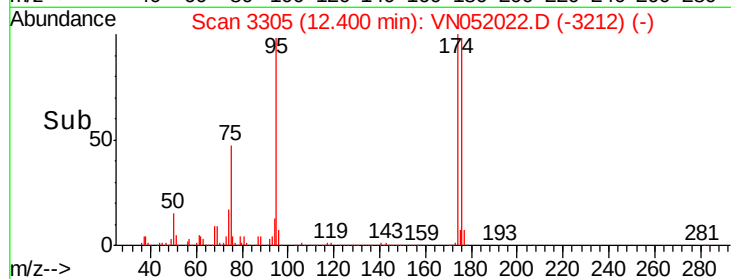
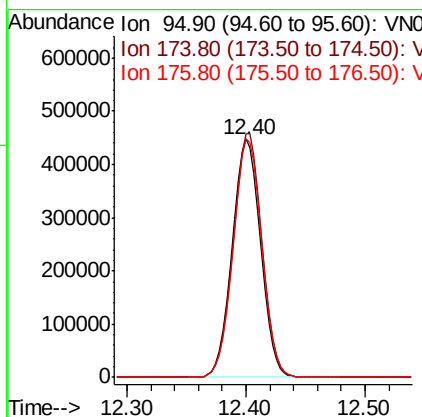
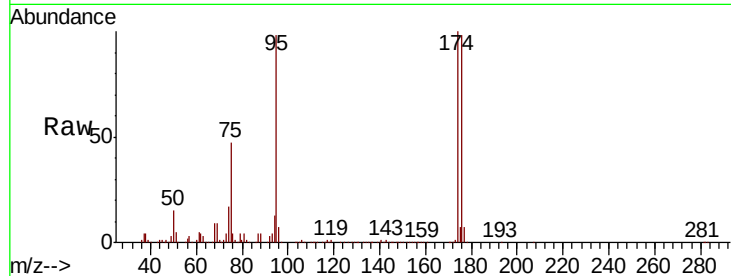




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052022.D
Acq: 26 Oct 2018 12:33

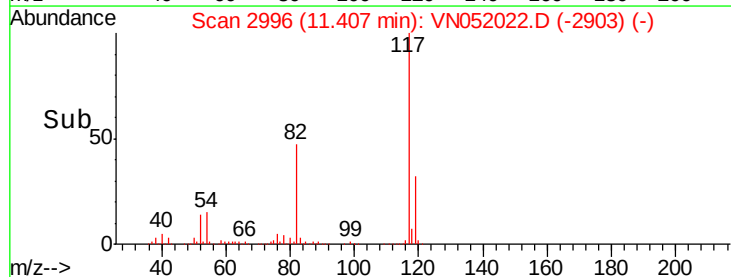
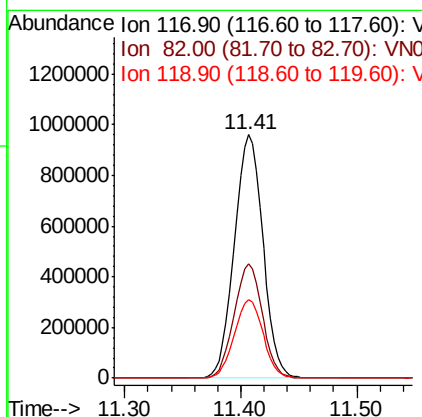
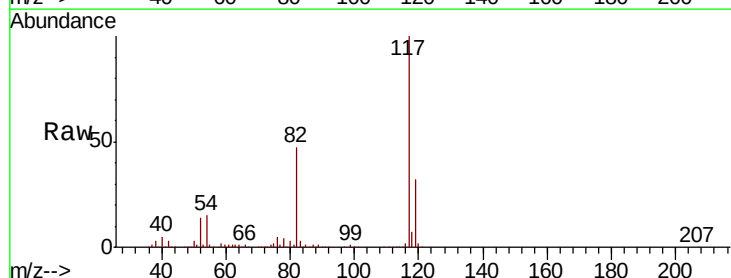
Instrument :
MSVOA_N
ClientSampleId :
PB114195TB

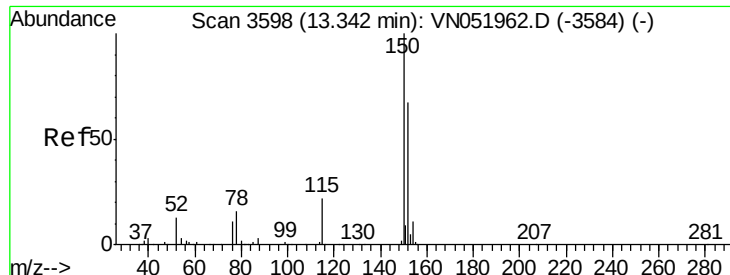
Tot Ion: 95 Resp: 740212
Ion Ratio Lower Upper
95 100
174 103.4 0.0 206.0
176 100.5 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052022.D
Acq: 26 Oct 2018 12:33

Tgt Ion: 117 Resp: 1636496
Ion Ratio Lower Upper
117 100
82 46.9 38.1 57.1
119 32.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052022.D

Acq: 26 Oct 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

PB114195TB

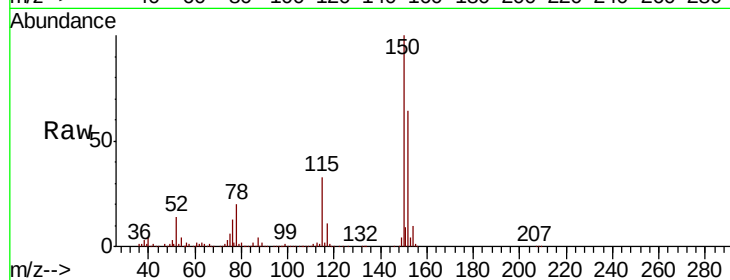
Tot Ion:152 Resp: 744140

Ion Ratio Lower Upper

152 100

115 52.5 25.8 77.3

150 157.1 0.0 344.4



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

