

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052028.D
 Acq On : 26 Oct 2018 15:13
 Operator : MD\SY
 Sample : PB114195ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#05

Quant Time: Oct 27 00:28:36 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

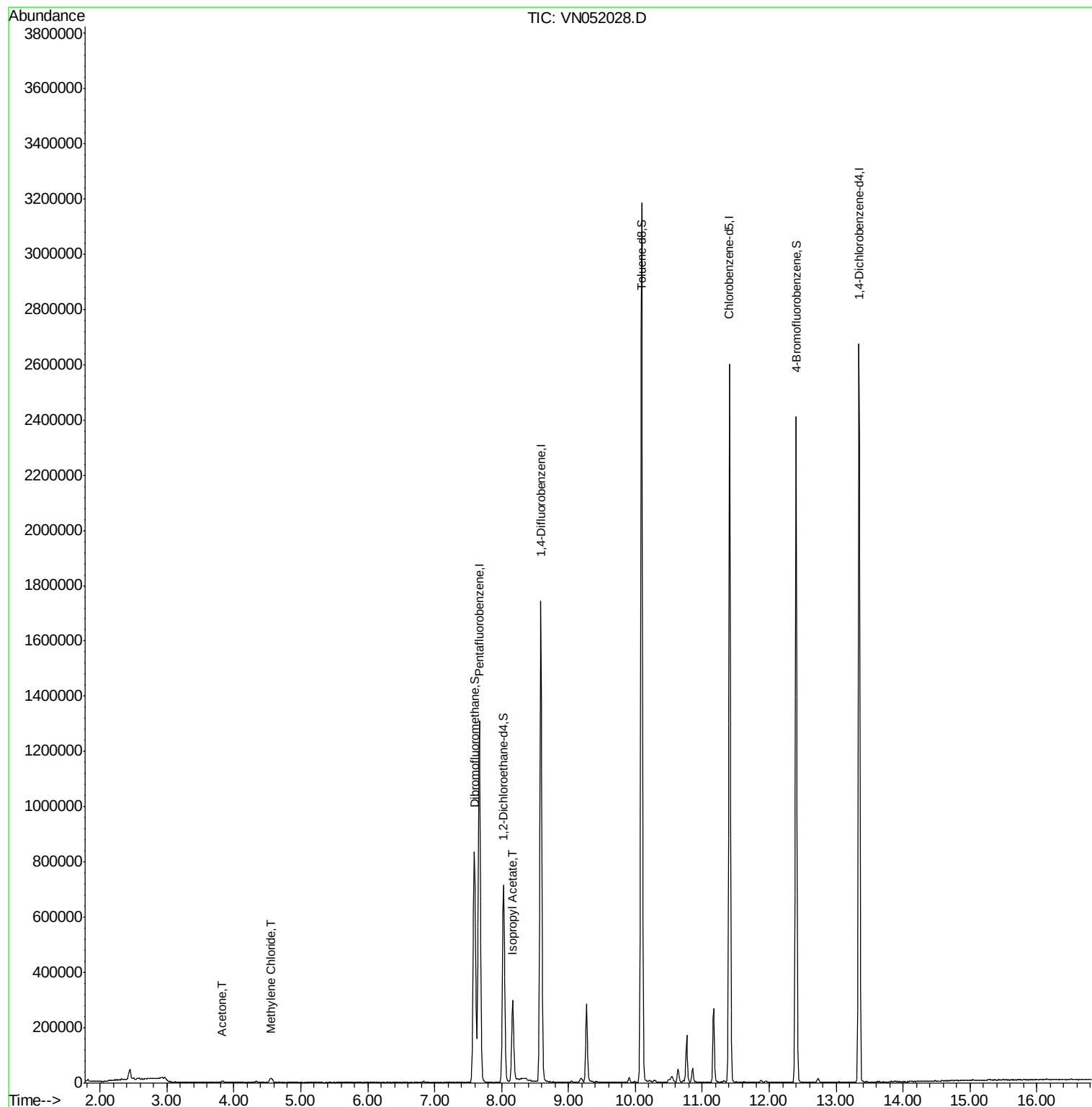
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1182294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1717407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	794338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	600049	56.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.98%	
35) Dibromofluoromethane	7.59	113	639086	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
50) Toluene-d8	10.09	98	2333531	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
62) 4-Bromofluorobenzene	12.40	95	765725	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
Target Compounds						
16) Acetone	3.82	43	9077	5.232	ug/l #	81
20) Methylene Chloride	4.55	84	13777	1.354	ug/l	95
43) Isopropyl Acetate	8.17	43	334144	30.286	ug/l	99

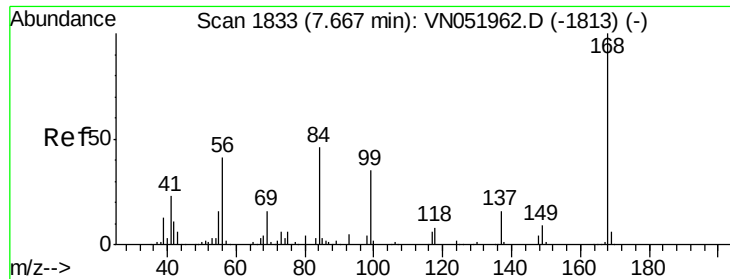
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052028.D

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Instrument :

MSVOA_N

ClientSampleId :

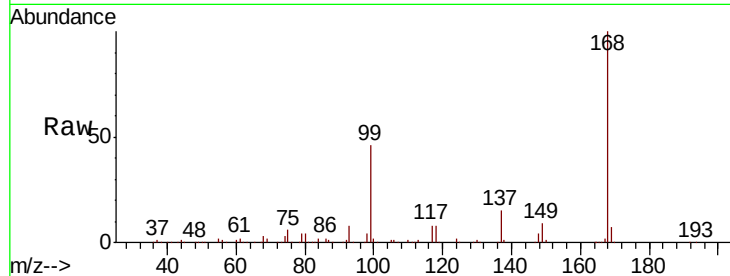
PB114195ZHE#05

Tot Ion:168 Resp: 1182294

Ion Ratio Lower Upper

168 100

99 45.6 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

600000

500000

400000

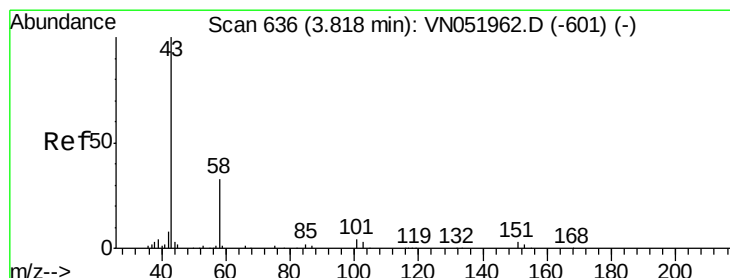
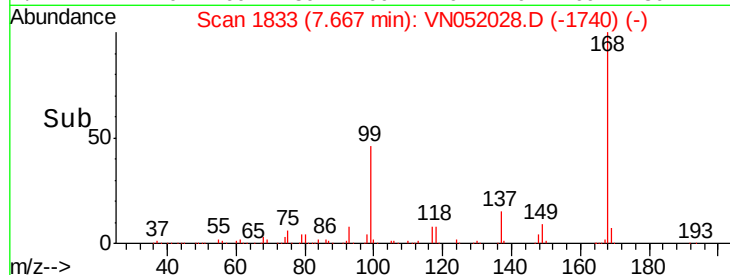
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.232 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052028.D

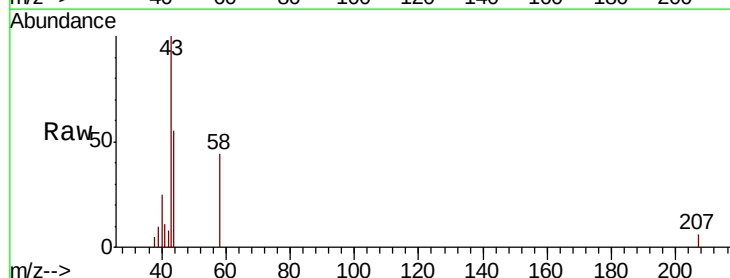
Acq: 26 Oct 2018 15:13

Tgt Ion: 43 Resp: 9077

Ion Ratio Lower Upper

43 100

58 44.2 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

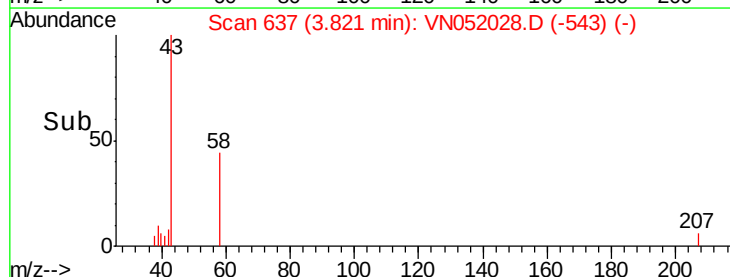
3000

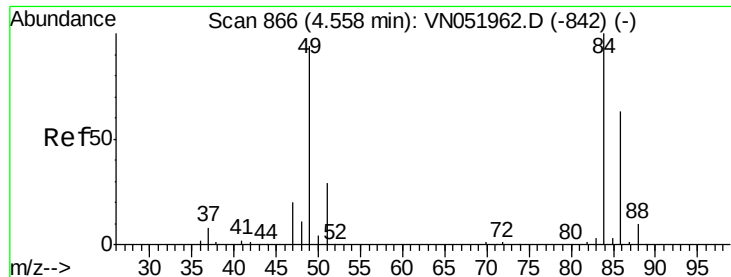
2000

1000

0

Time-->

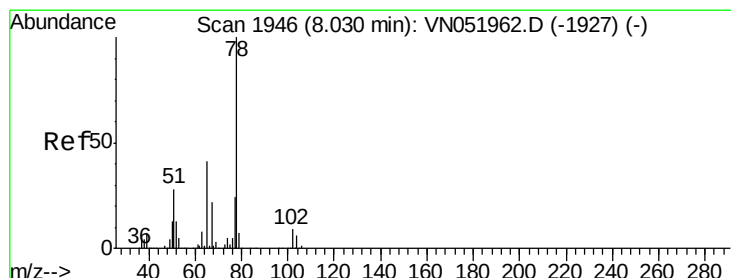
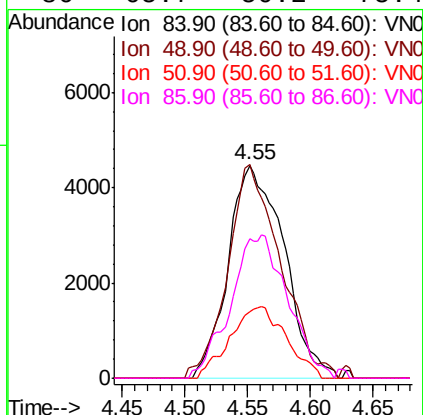
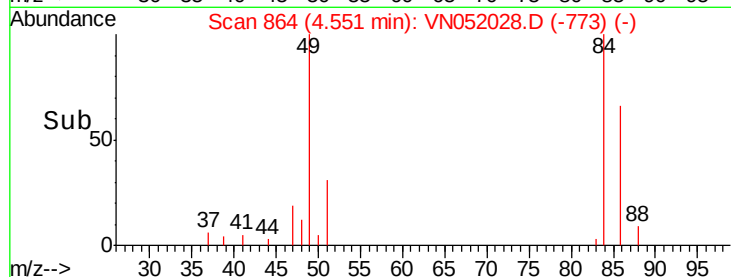
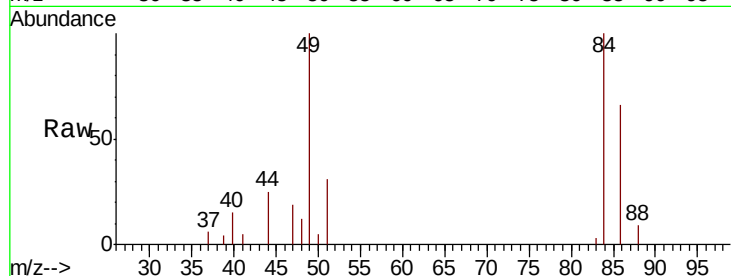




#20
Methylene Chloride
Concen: 1.354 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.01 min
Lab File: VN052028.D
Acq: 26 Oct 2018 15:13

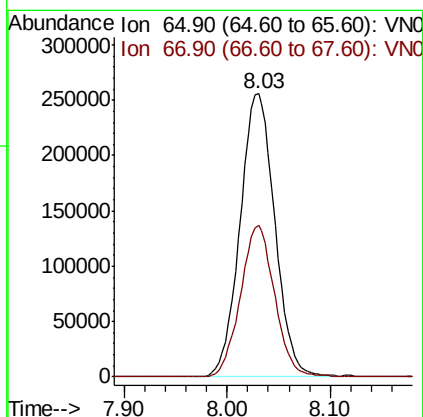
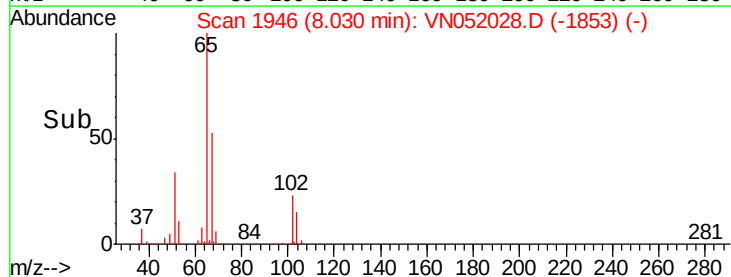
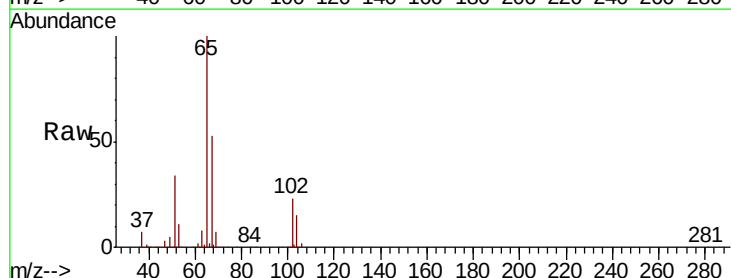
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#05

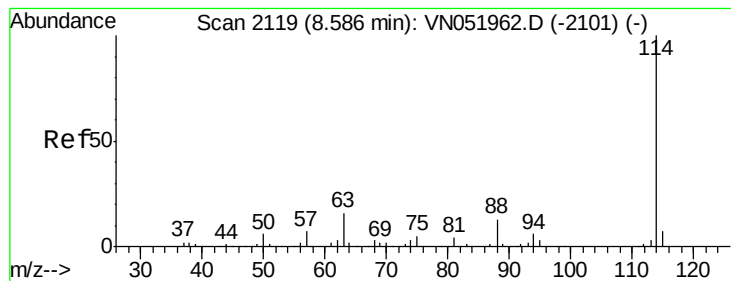
Tot Ion: 84 Resp: 13777
Ion Ratio Lower Upper
84 100
49 100.2 75.4 113.0
51 31.5 23.1 34.7
86 65.7 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052028.D
Acq: 26 Oct 2018 15:13

Tgt Ion: 65 Resp: 600049
Ion Ratio Lower Upper
65 100
67 52.6 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: VN052028.D

Acq: 26 Oct 2018 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#05

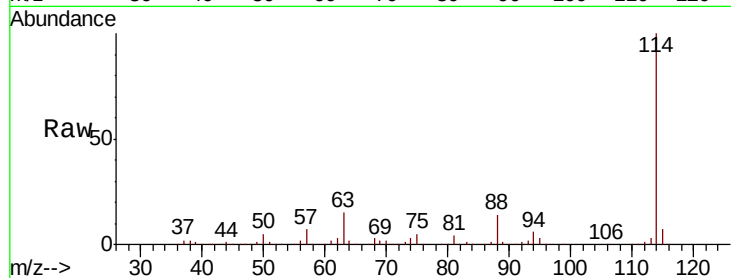
Tot Ion:114 Resp: 1717407

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.2

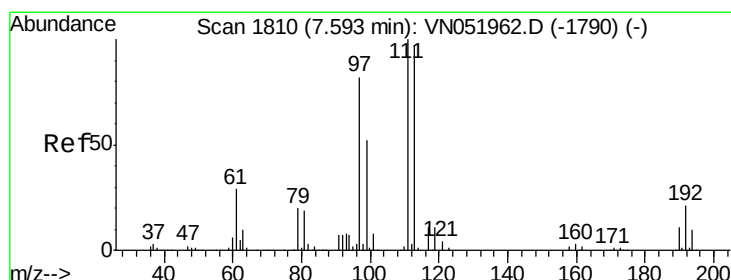
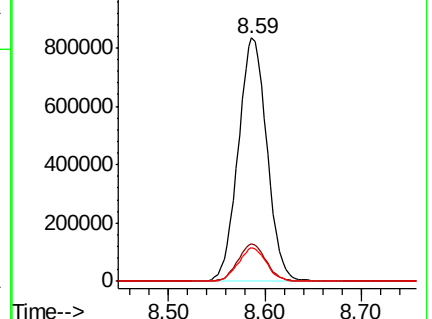
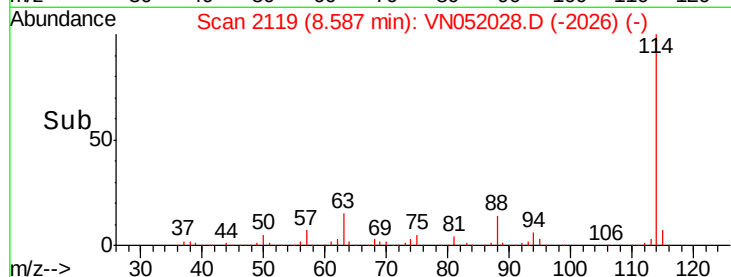
88 13.8 0.0 27.0



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: VN052028.D

Acq: 26 Oct 2018 15:13

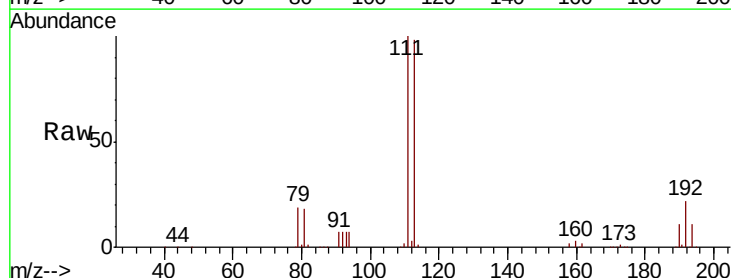
Tgt Ion:113 Resp: 639086

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

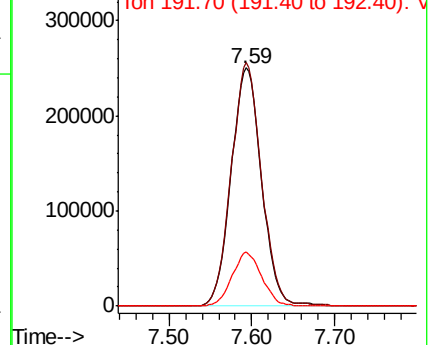
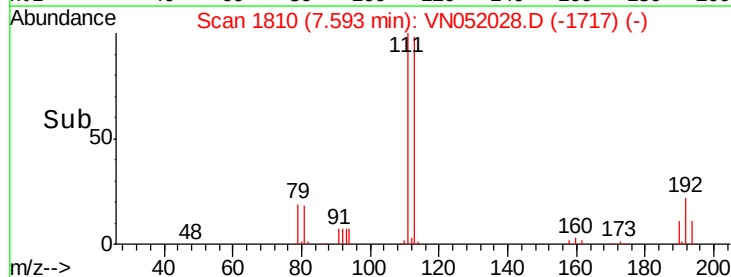
192 22.0 17.2 25.8

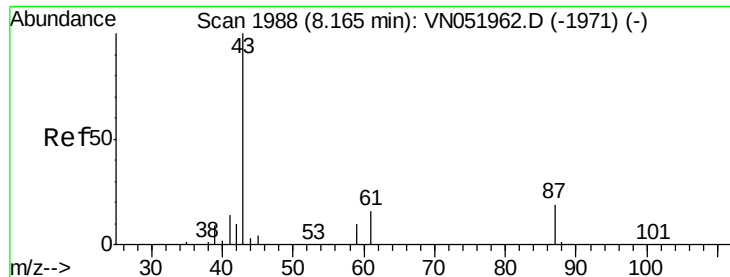


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 30.286 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052028.D

Acq: 26 Oct 2018 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#05

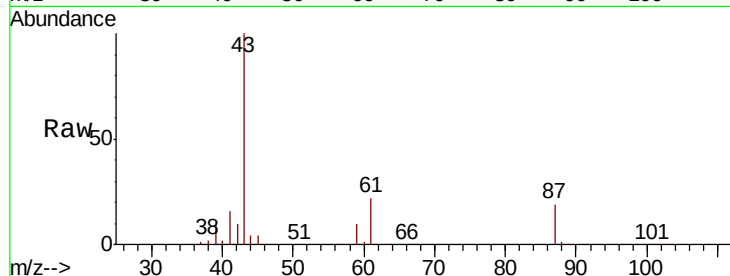
Tot Ion: 43 Resp: 334144

Ion Ratio Lower Upper

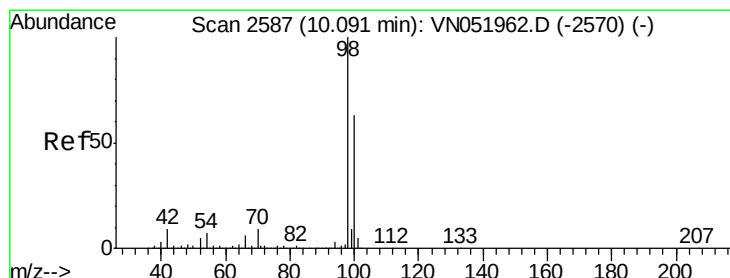
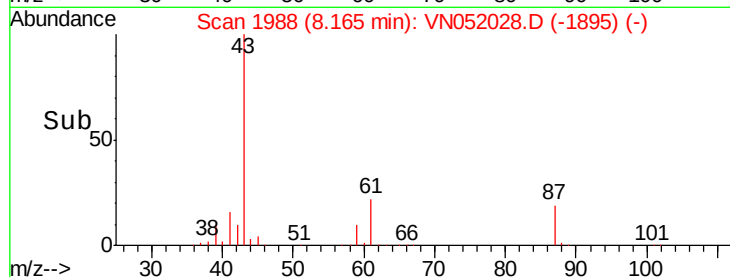
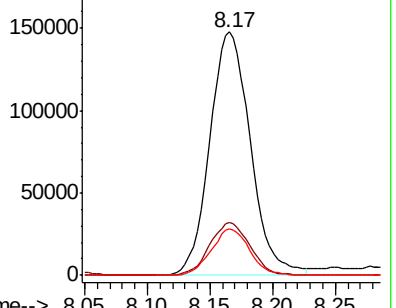
43 100

61 21.4 17.2 25.8

87 18.0 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052028.D

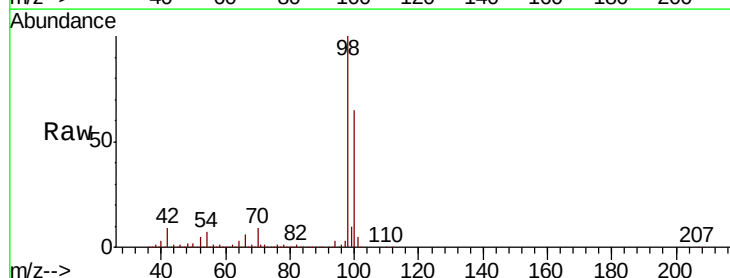
Acq: 26 Oct 2018 15:13

Tgt Ion: 98 Resp: 2333531

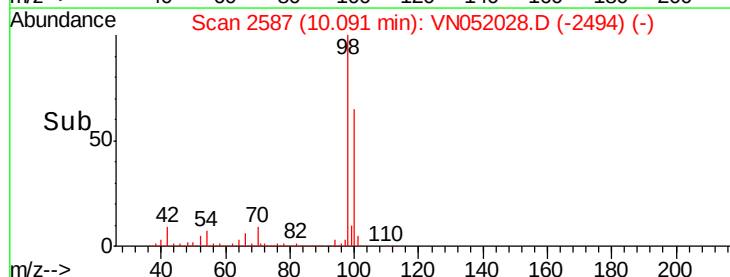
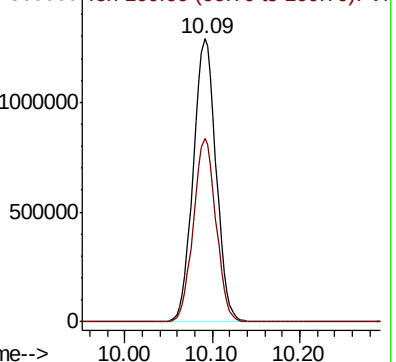
Ion Ratio Lower Upper

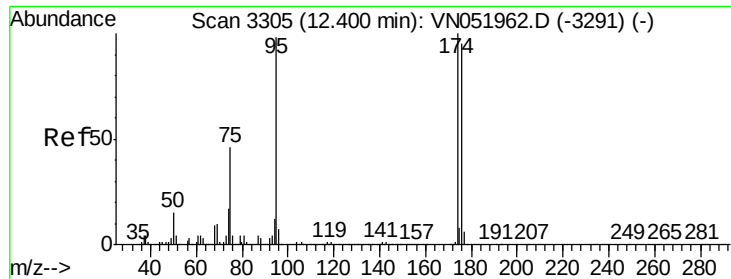
98 100

100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

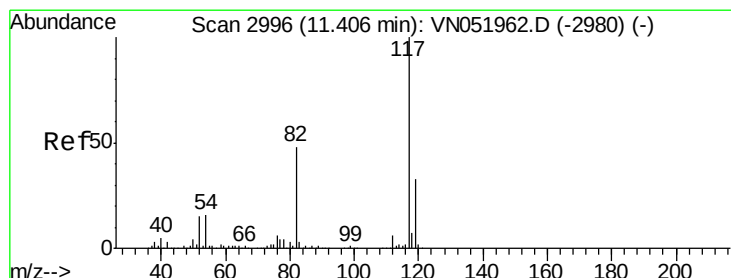
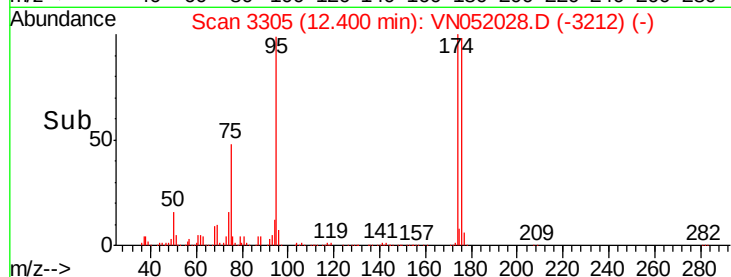
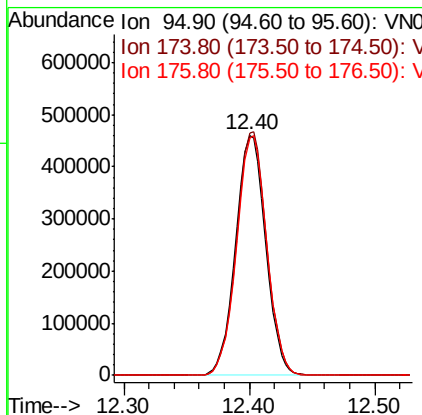
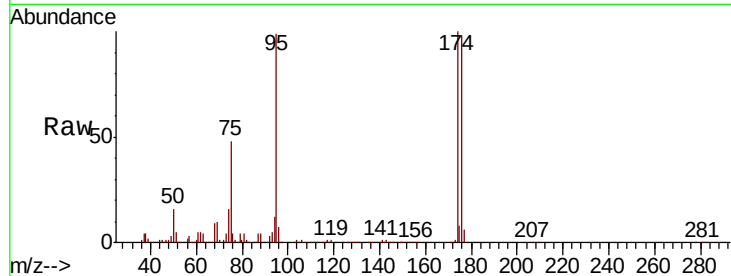




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052028.D
Acq: 26 Oct 2018 15:13

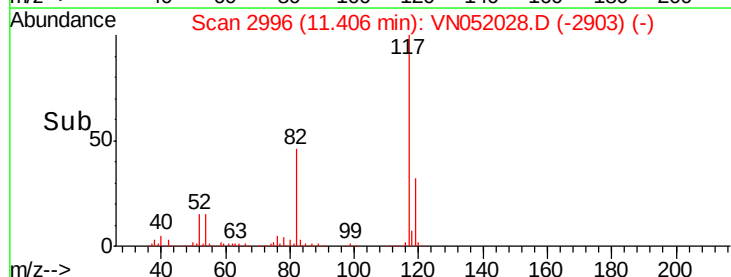
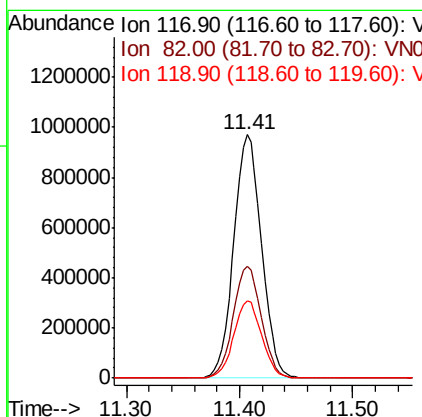
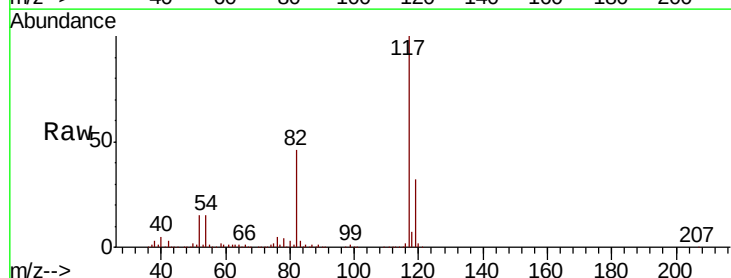
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#05

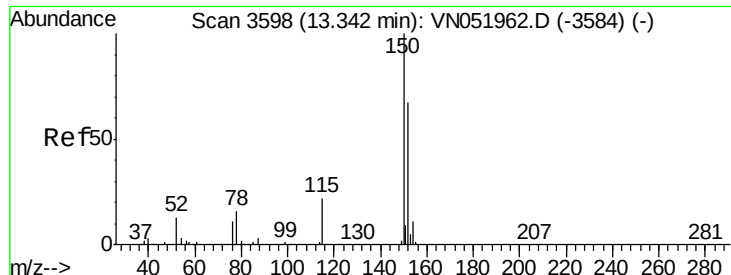
Tot Ion: 95 Resp: 765725
Ion Ratio Lower Upper
95 100
174 102.0 0.0 206.0
176 100.0 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052028.D
Acq: 26 Oct 2018 15:13

Tgt Ion: 117 Resp: 1659884
Ion Ratio Lower Upper
117 100
82 46.1 38.1 57.1
119 31.8 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: VN052028.D

Acq: 26 Oct 2018 15:13

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#05

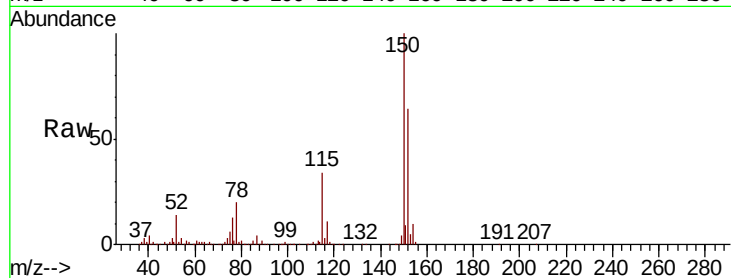
Tot Ion:152 Resp: 794338

Ion Ratio Lower Upper

152 100

115 52.9 25.8 77.3

150 156.2 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

