

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051545.D
 Acq On : 26 Sep 2018 19:33
 Operator : MD\SY
 Sample : PB113219ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#02

Quant Time: Sep 27 08:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

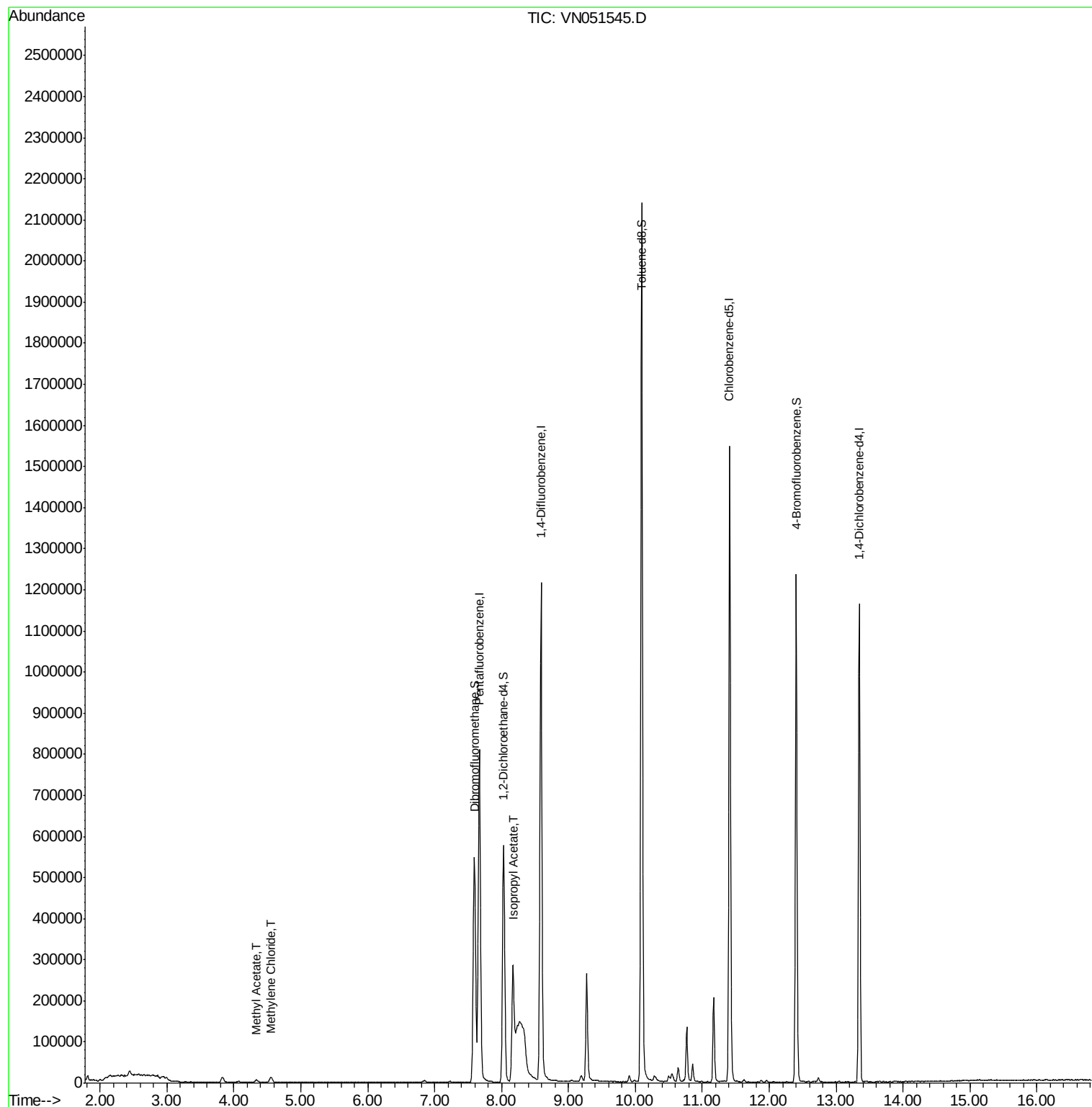
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	676031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1105789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	489436	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.58%	
35) Dibromofluoromethane	7.59	113	419416	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	10.09	98	1528633	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
62) 4-Bromofluorobenzene	12.40	95	422891	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
Target Compounds						
18) Methyl Acetate	4.33	43	13177	2.043	ug/l #	78
20) Methylene Chloride	4.55	84	9505	1.134	ug/l	92
43) Isopropyl Acetate	8.17	43	373201	28.032	ug/l	92

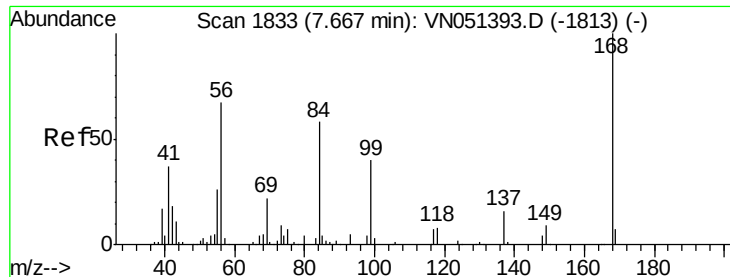
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051545.D

Acq: 26 Sep 2018 19:33

Instrument :

MSVOA_N

ClientSampleId :

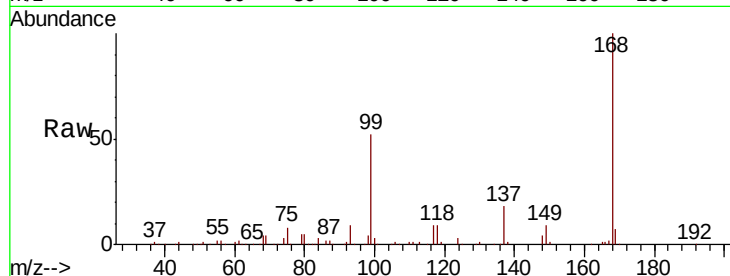
PB113219ZHE#02

Tot Ion:168 Resp: 676031

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

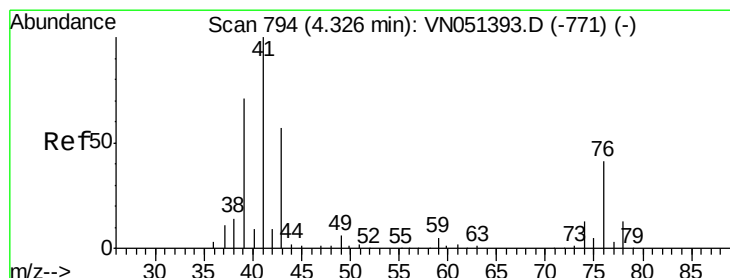
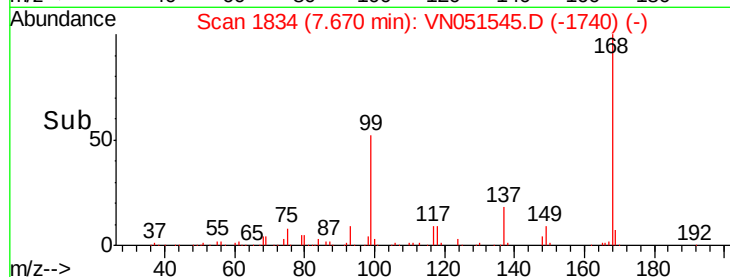
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.043 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051545.D

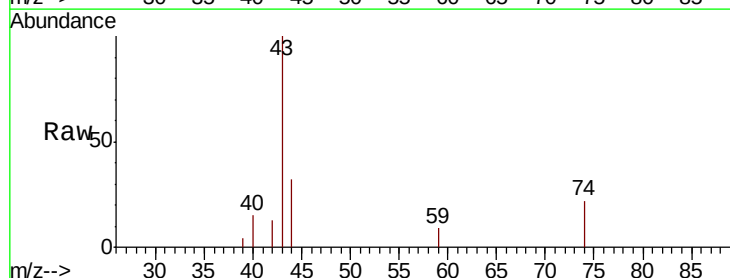
Acq: 26 Sep 2018 19:33

Tgt Ion: 43 Resp: 13177

Ion Ratio Lower Upper

43 100

74 12.5 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.33

5000

4000

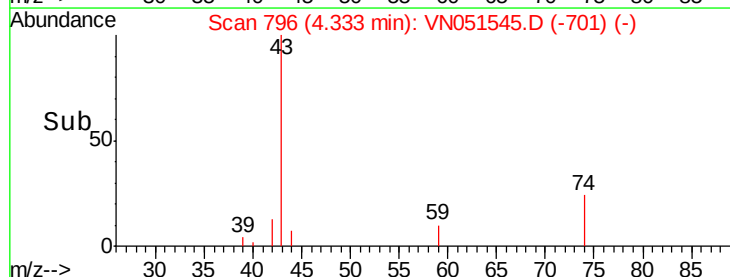
3000

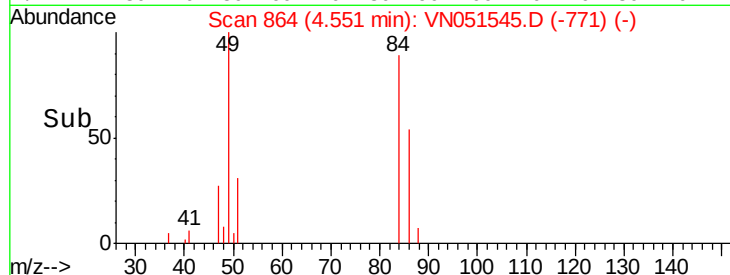
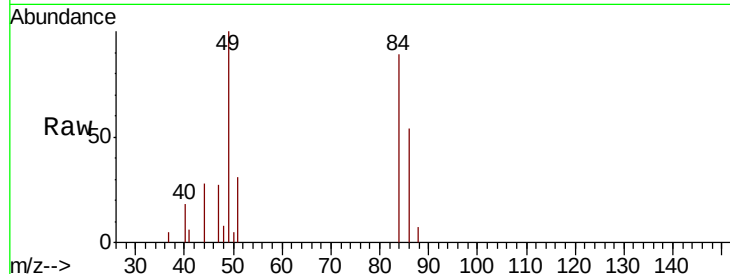
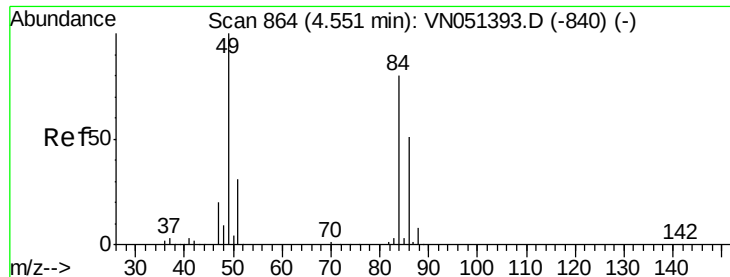
2000

1000

0

Time-->

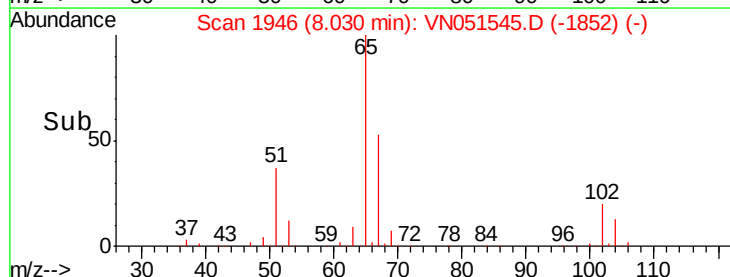
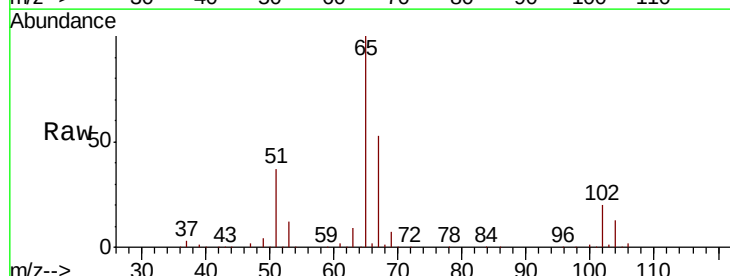
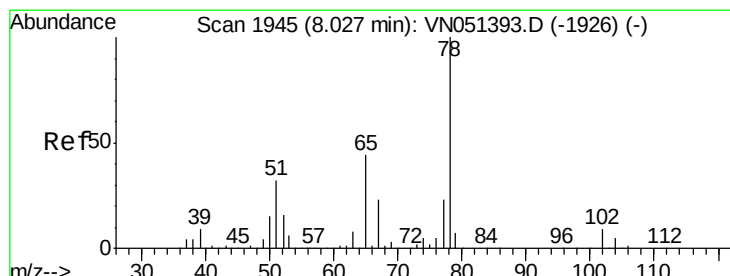
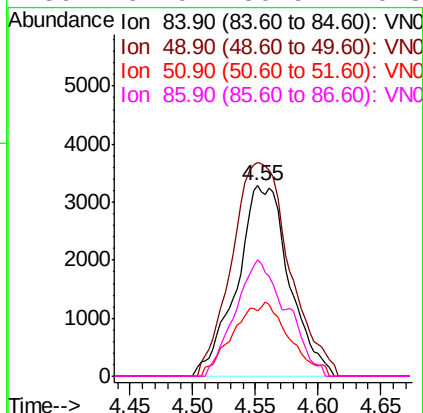




#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

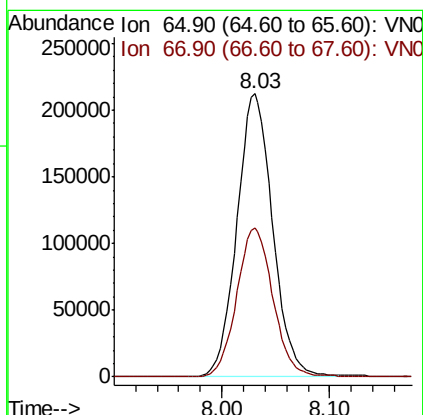
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

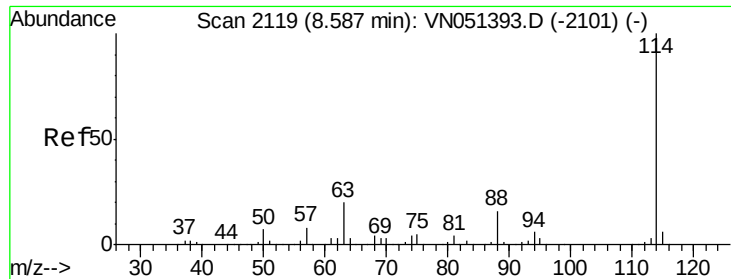
Tot Ion: 84 Resp: 9505
Ion Ratio Lower Upper
84 100
49 112.3 99.9 149.9
51 34.6 31.4 47.2
86 61.0 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 57.795 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 65 Resp: 489436
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.8

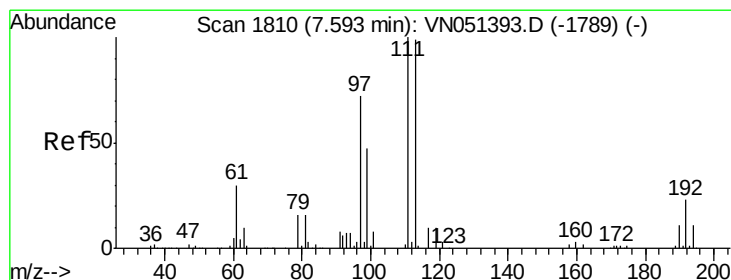
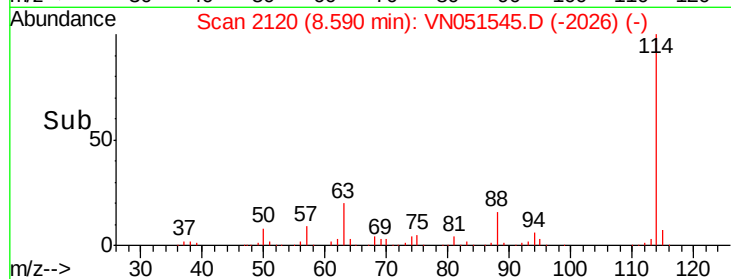
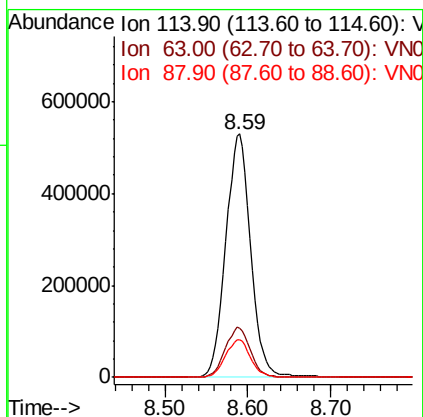
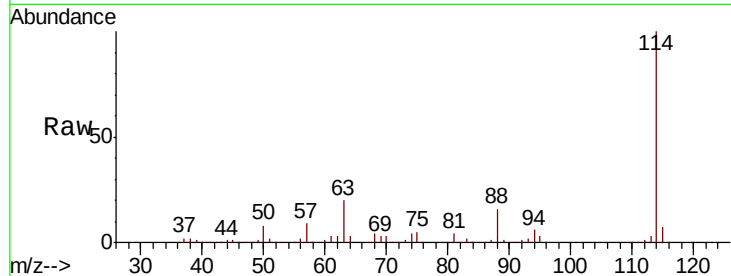




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051545.D
 Acq: 26 Sep 2018 19:33

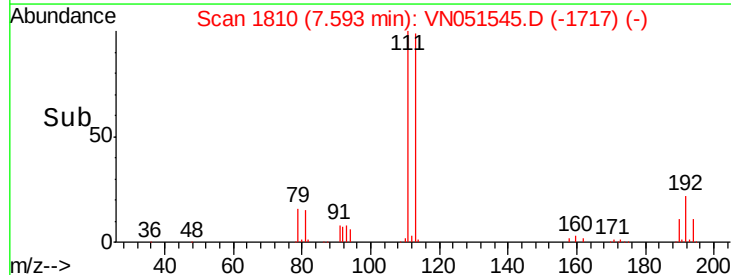
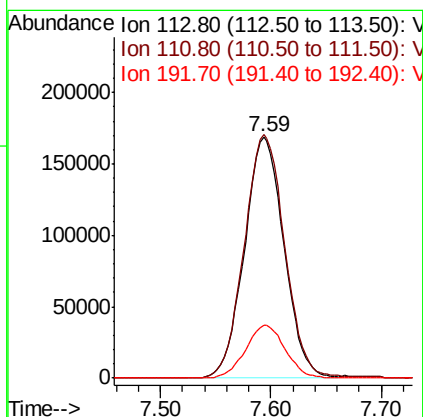
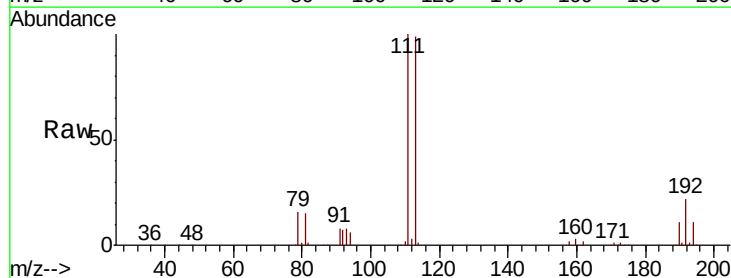
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#02

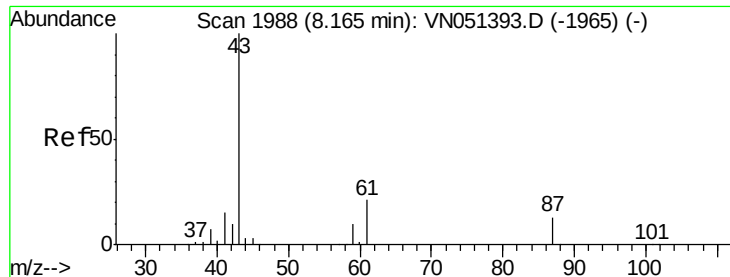
Tot Ion:114 Resp: 1105789
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.432 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051545.D
 Acq: 26 Sep 2018 19:33

Tgt Ion:113 Resp: 419416
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.6 123.8
 192 22.0 18.0 27.0





#43

Isopropyl Acetate

Concen: 28.032 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051545.D

Acq: 26 Sep 2018 19:33

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#02

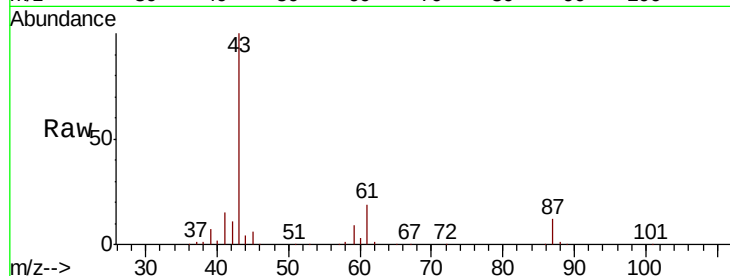
Tot Ion: 43 Resp: 373201

Ion Ratio Lower Upper

43 100

61 17.0 16.8 25.2

87 10.8 10.7 16.1



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

8.17

150000

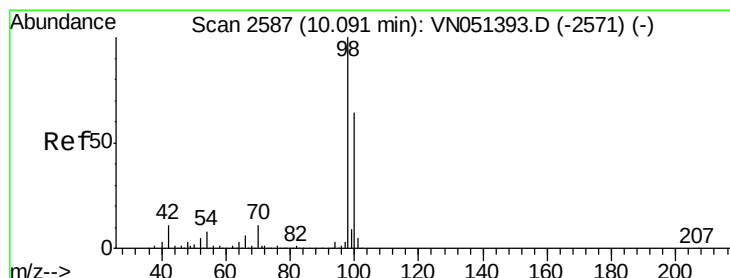
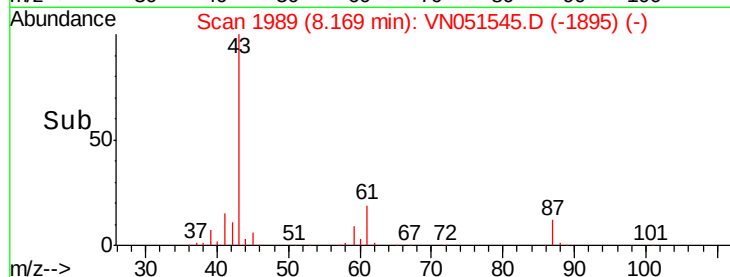
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 45.908 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051545.D

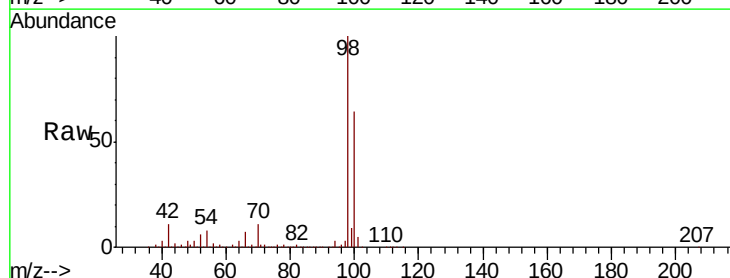
Acq: 26 Sep 2018 19:33

Tgt Ion: 98 Resp: 1528633

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.09

800000

600000

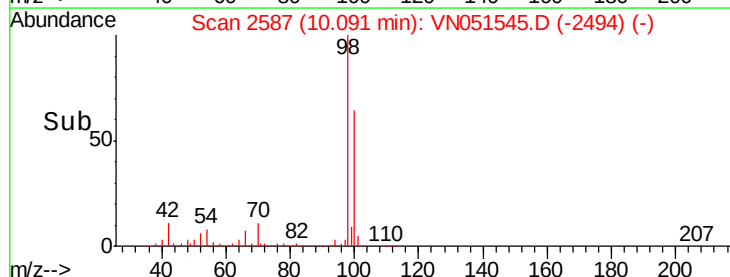
400000

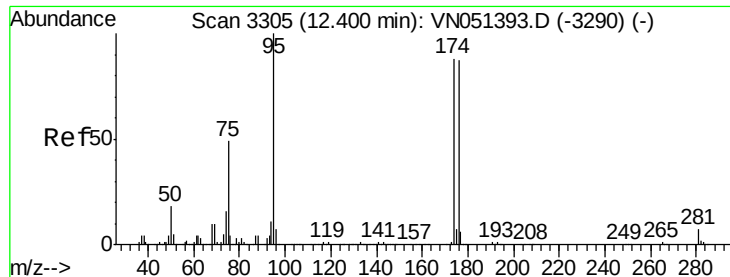
200000

0

10.00 10.10 10.20 10.30

Time-->

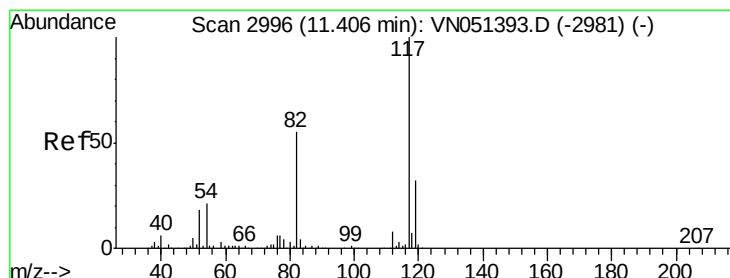
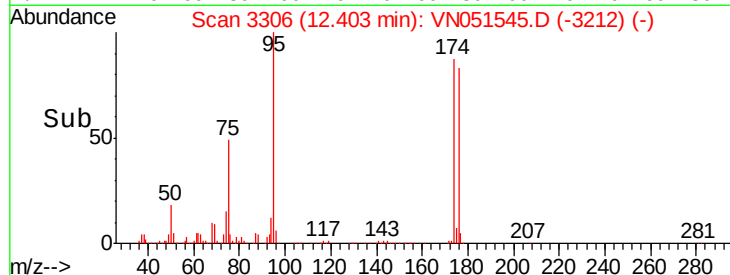
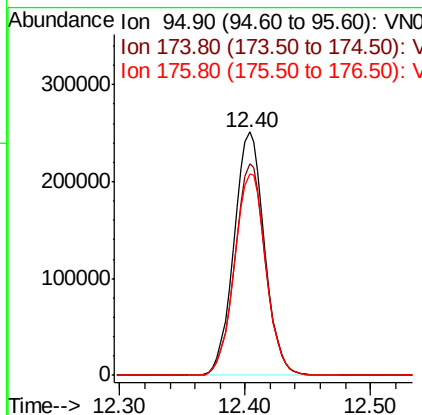
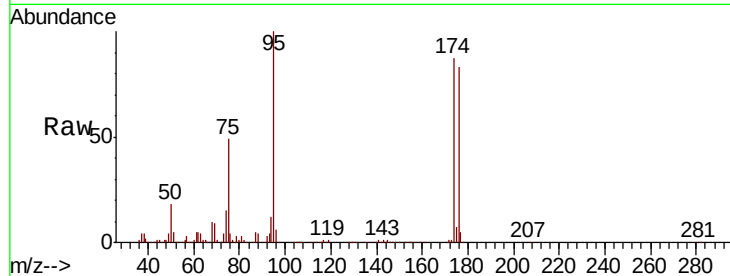




#62
4-Bromofluorobenzene
Concen: 39.259 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

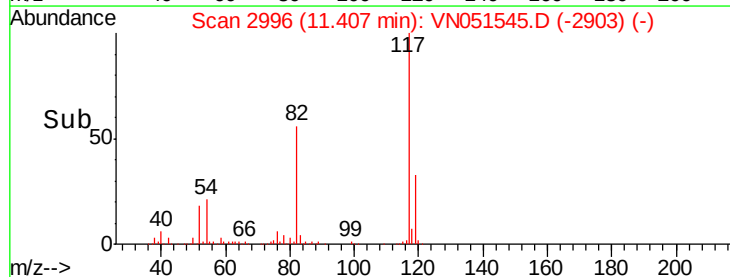
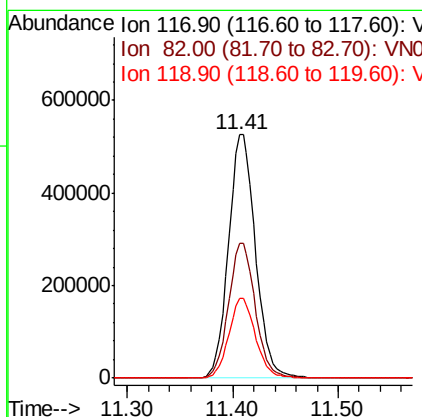
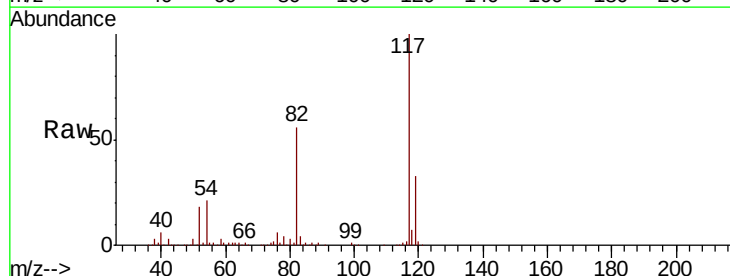
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

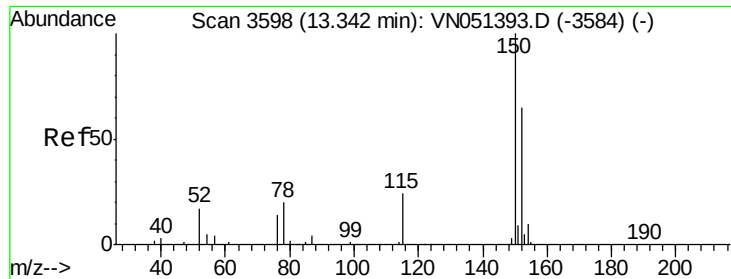
Tot Ion: 95 Resp: 422891
Ion Ratio Lower Upper
95 100
174 87.7 0.0 181.6
176 85.6 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 117 Resp: 931010
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.7 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: VN051545.D

Acq: 26 Sep 2018 19:33

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#02

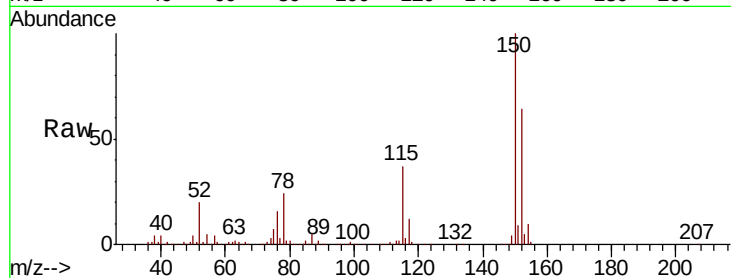
Tot Ion:152 Resp: 327009

Ion Ratio Lower Upper

152 100

115 56.6 28.3 84.9

150 156.9 0.0 353.6



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

