

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052805.D
 Acq On : 11 Dec 2018 16:35
 Operator : MD\SY
 Sample : PB115504ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#10

Quant Time: Dec 12 02:17:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

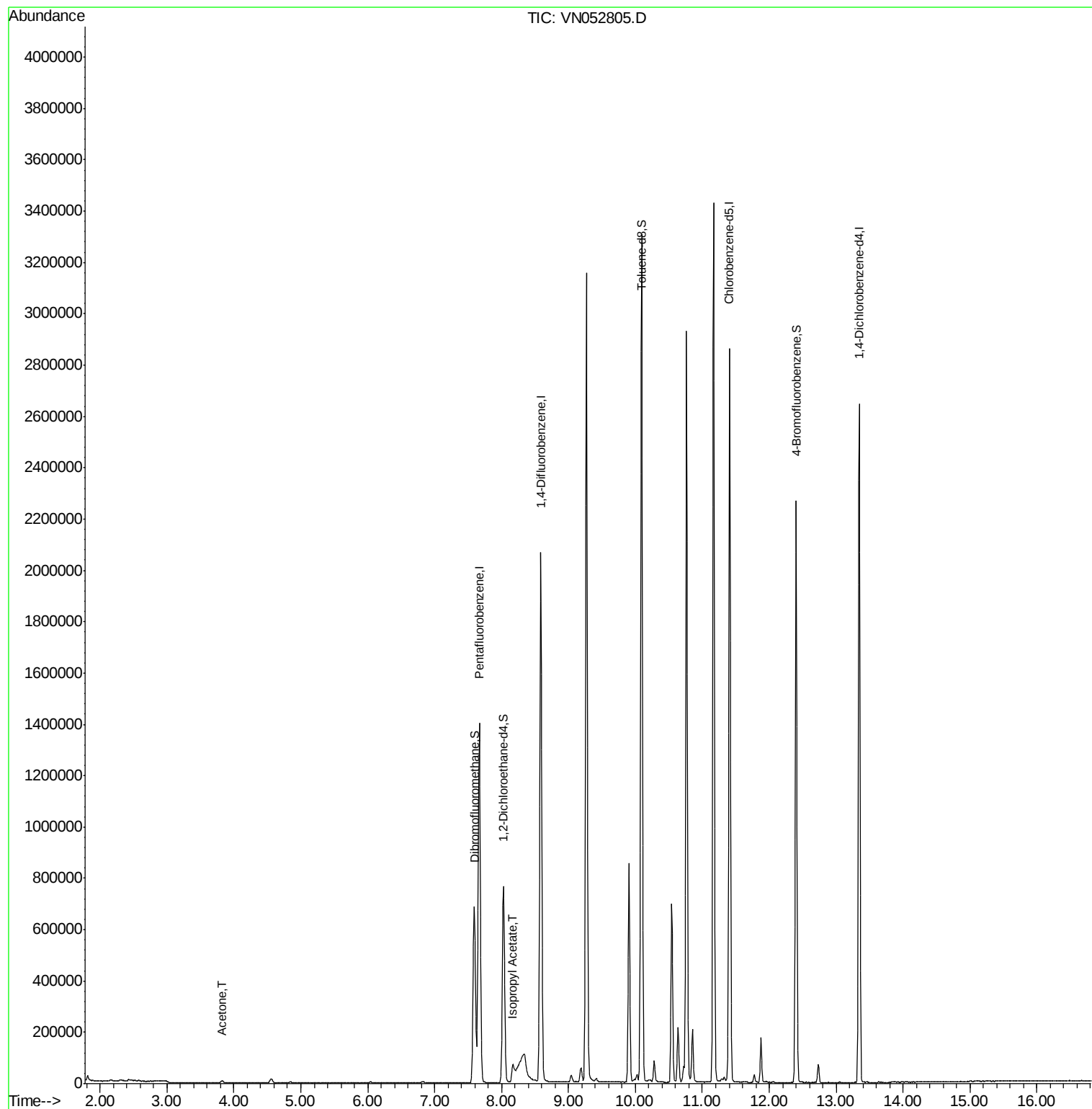
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1219351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1919479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1737373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	740021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	653496	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	7.59	113	534867	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
50) Toluene-d8	10.09	98	2353006	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	786241	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
16) Acetone	3.82	43	17428	4.977	ug/l	100
43) Isopropyl Acetate	8.17	43	86405	4.615	ug/l #	76

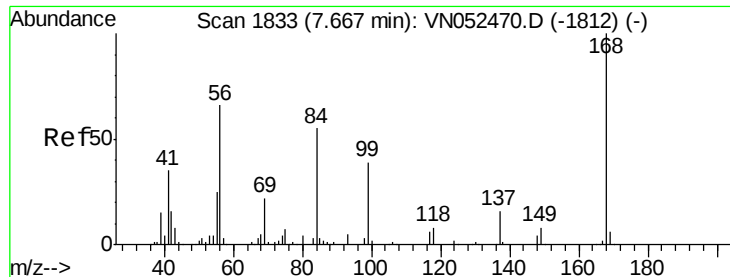
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121118\
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QLast Update : Mon Dec 03 03:24:02 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: VN052805.D

Acq: 11 Dec 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

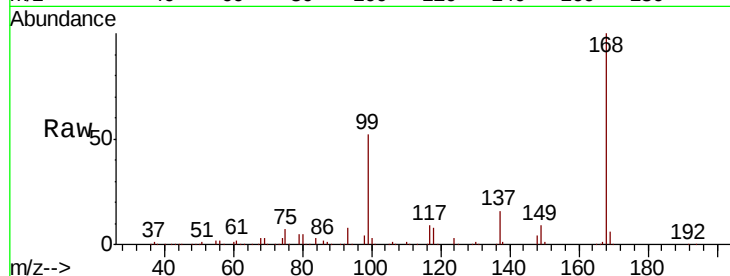
PB115504ZHE#10

Tot Ion:168 Resp: 1219351

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052805.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052805.D (-1740) (-)

600000

500000

400000

300000

200000

100000

0

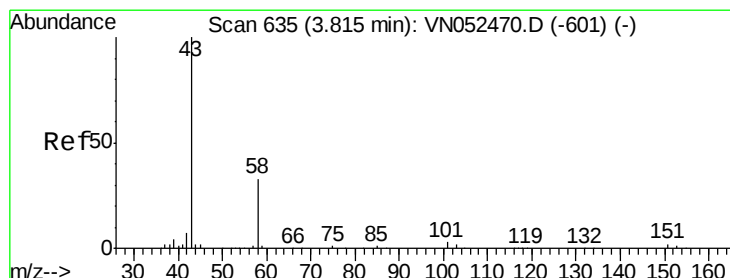
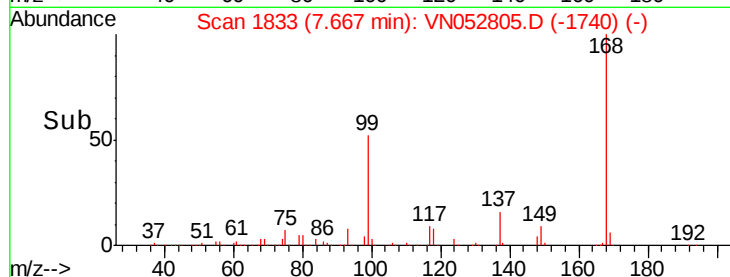
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 4.977 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052805.D

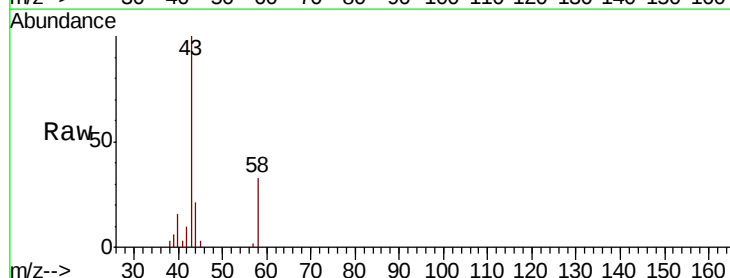
Acq: 11 Dec 2018 16:35

Tgt Ion: 43 Resp: 17428

Ion Ratio Lower Upper

43 100

58 32.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052805.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052805.D (-542) (-)

6000

4000

2000

0

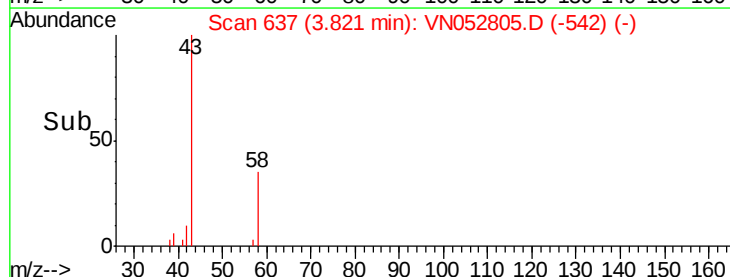
3.82

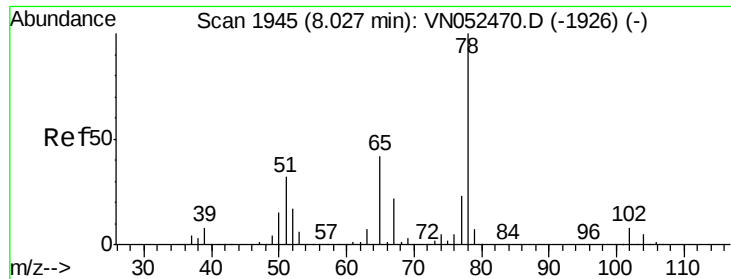
3.75

3.85

3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052805.D

Acq: 11 Dec 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

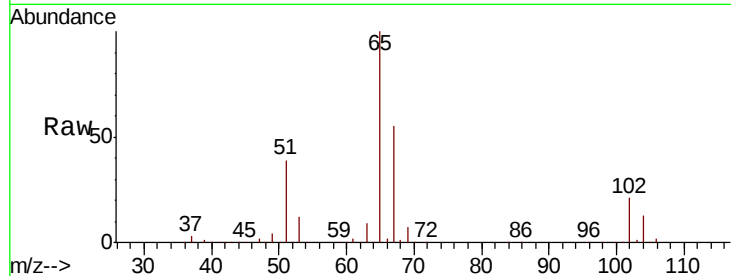
PB115504ZHE#10

Tot Ion: 65 Resp: 653496

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052805.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052805.D (-1852) (-)

8.03

300000

250000

200000

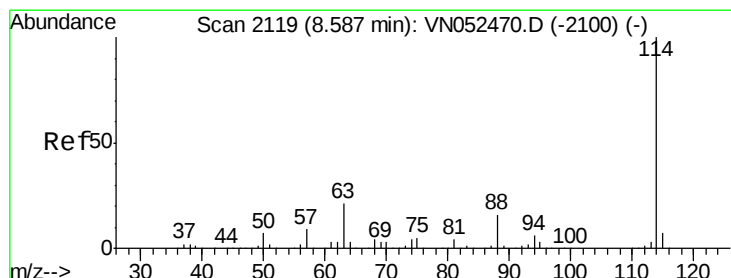
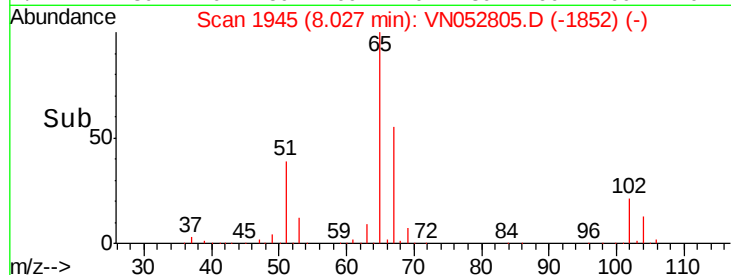
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052805.D

Acq: 11 Dec 2018 16:35

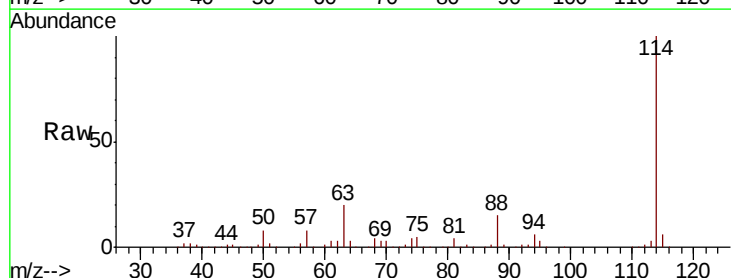
Tgt Ion: 114 Resp: 1919479

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

88 15.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN052805.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN052805.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN052805.D (-2026) (-)

8.59

1200000

1000000

800000

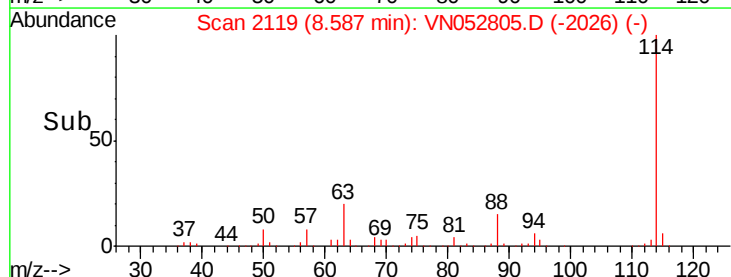
600000

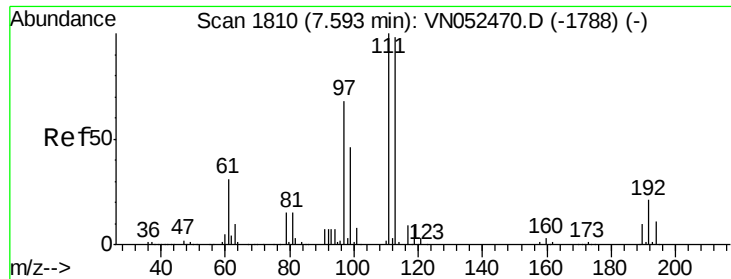
400000

200000

0

Time--> 8.50 8.60 8.70

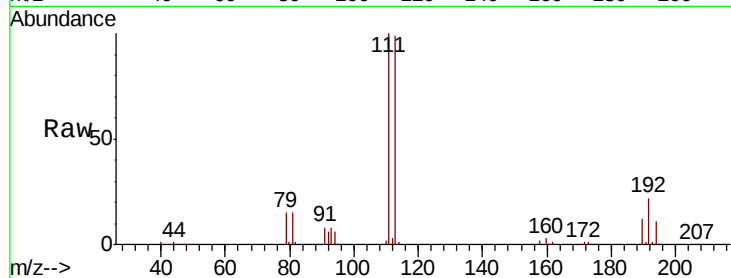




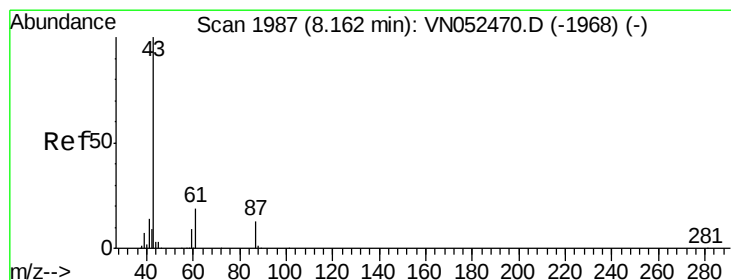
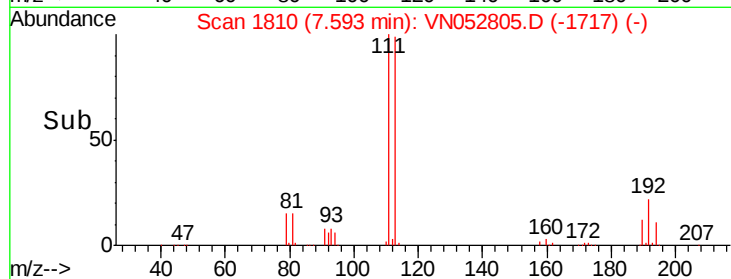
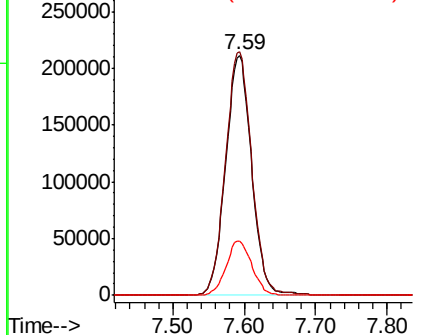
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052805.D
 Acq: 11 Dec 2018 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	22.5	17.0	25.6

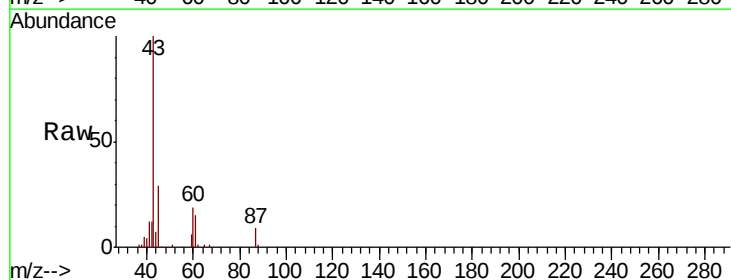


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

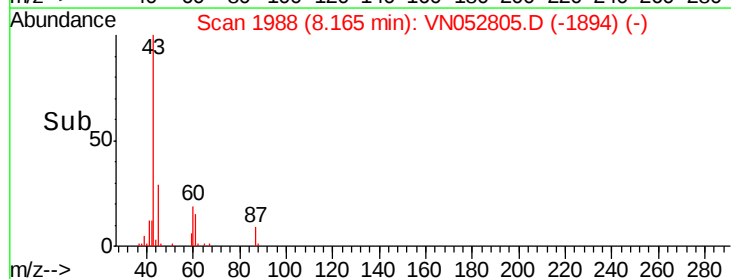
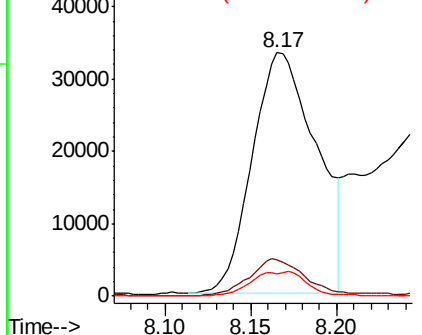


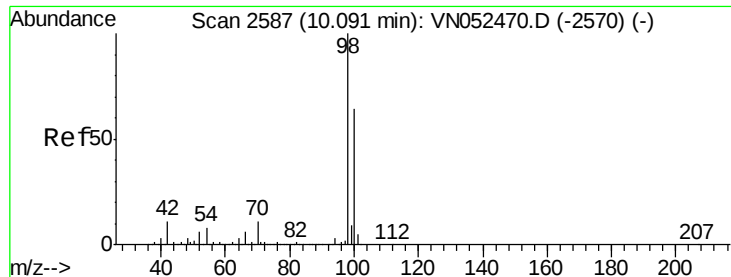
#43
 Isopropyl Acetate
 Concen: 4.615 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052805.D
 Acq: 11 Dec 2018 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	24.1	36.1#
87	8.8	10.6	15.8#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052805.D

Acq: 11 Dec 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

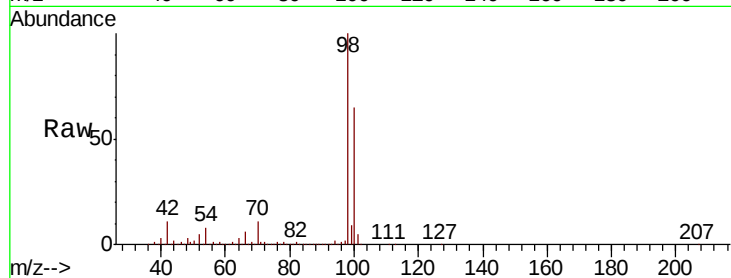
PB115504ZHE#10

Tot Ion: 98 Resp: 2353006

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052805.D (-2494) (-)

10.09

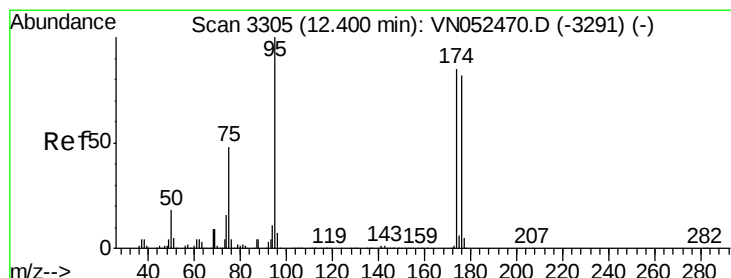
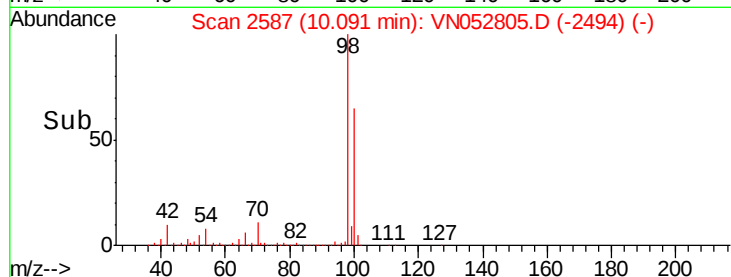
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052805.D

Acq: 11 Dec 2018 16:35

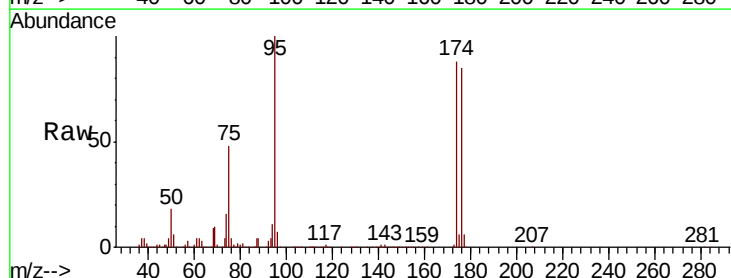
Tgt Ion: 95 Resp: 786241

Ion Ratio Lower Upper

95 100

174 88.6 0.0 173.0

176 85.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052805.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052805.D (-3212) (-)

12.40

600000

500000

400000

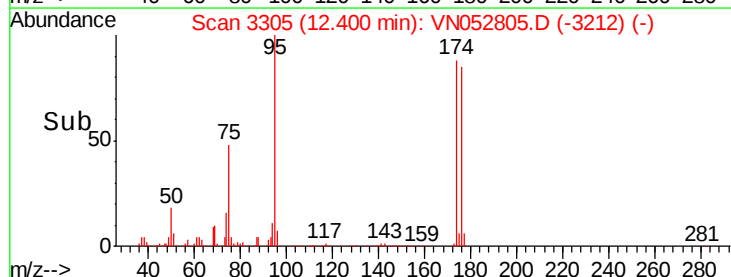
300000

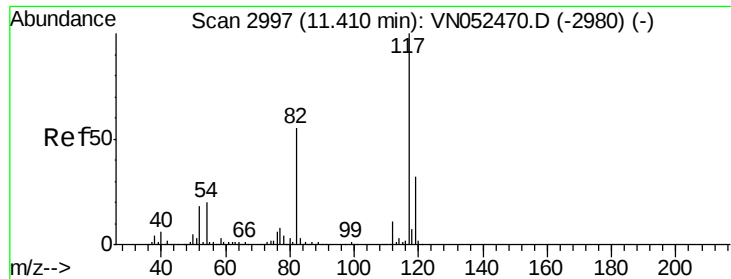
200000

100000

0

Time-->

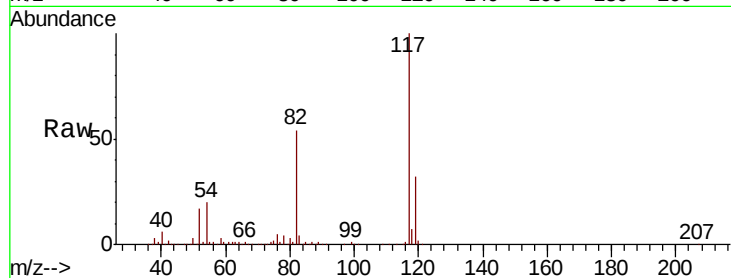




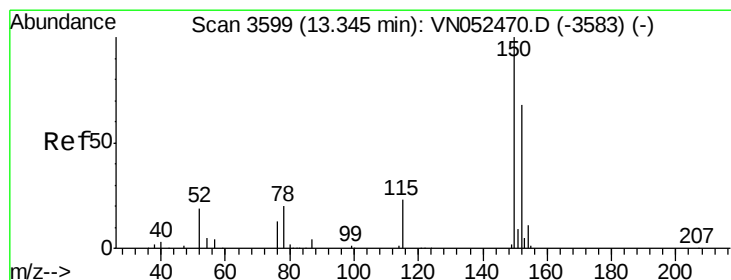
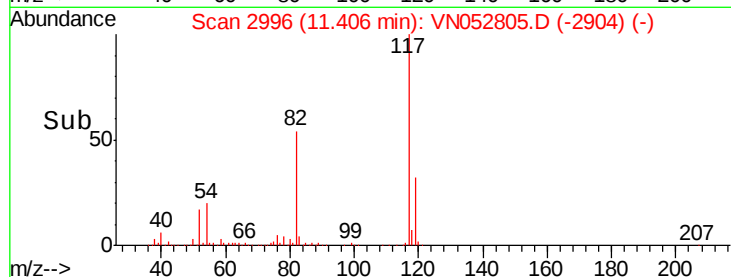
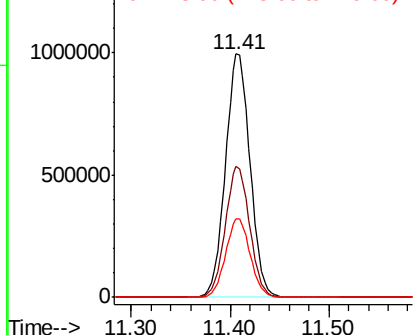
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052805.D
Acq: 11 Dec 2018 16:35

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#10

Tot Ion:117 Resp: 1737373
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.2 25.4 38.2

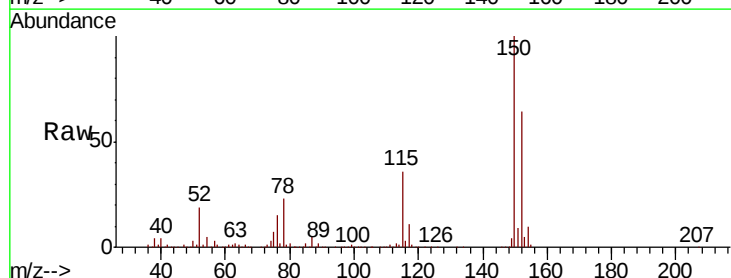


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052805.D
Acq: 11 Dec 2018 16:35

Tgt Ion:152 Resp: 740021
Ion Ratio Lower Upper
152 100
115 56.5 28.4 85.2
150 156.8 0.0 346.0



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

