

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051554.D
 Acq On : 26 Sep 2018 23:16
 Operator : MD\SY
 Sample : PB113219ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#11

Quant Time: Sep 27 08:44:10 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

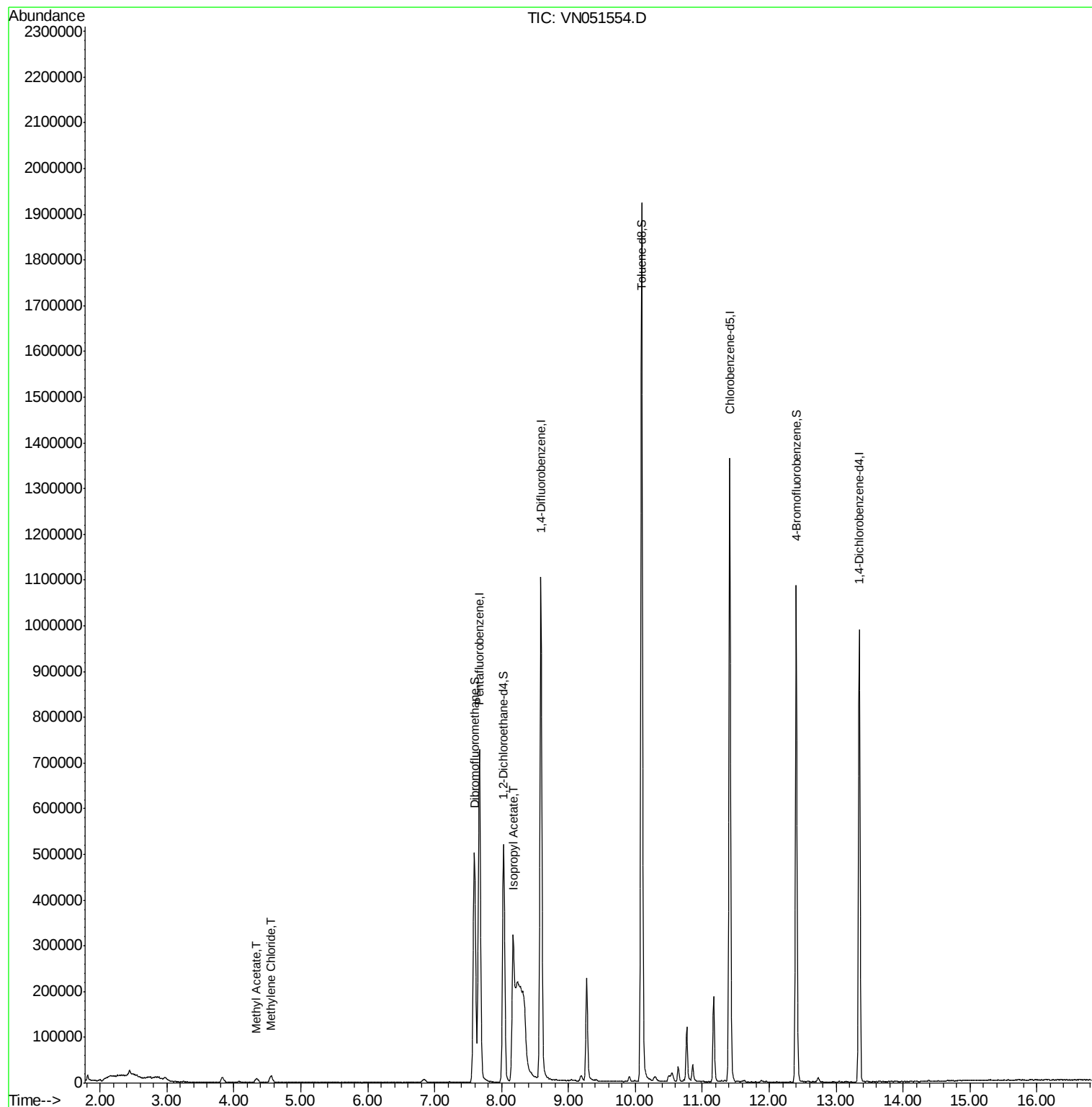
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	827431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	449786	58.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.72%	
35) Dibromofluoromethane	7.59	113	386929	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1385135	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	363588	36.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.90%	
Target Compounds						
18) Methyl Acetate	4.34	43	19698	3.385	ug/l #	71
20) Methylene Chloride	4.56	84	10299	1.362	ug/l	94
43) Isopropyl Acetate	8.17	43	396155	32.573	ug/l #	88

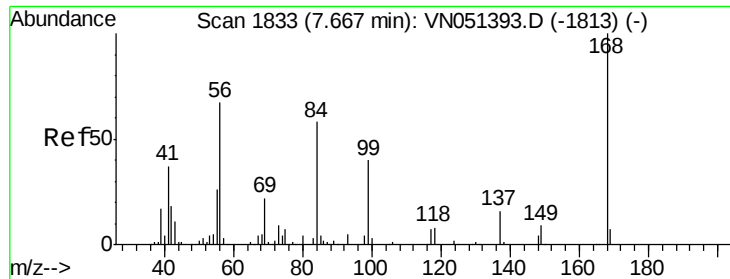
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051554.D

Acq: 26 Sep 2018 23:16

Instrument :

MSVOA_N

ClientSampleId :

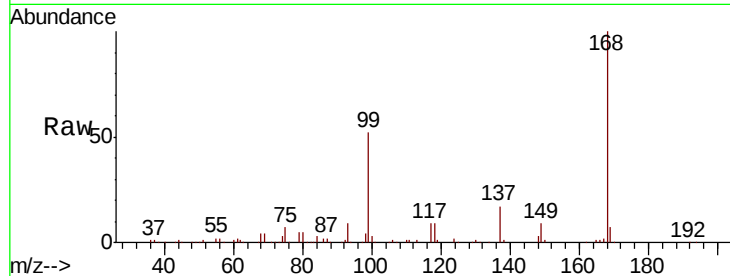
PB113219ZHE#11

Tot Ion:168 Resp: 610018

Ion Ratio Lower Upper

168 100

99 52.3 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

250000

200000

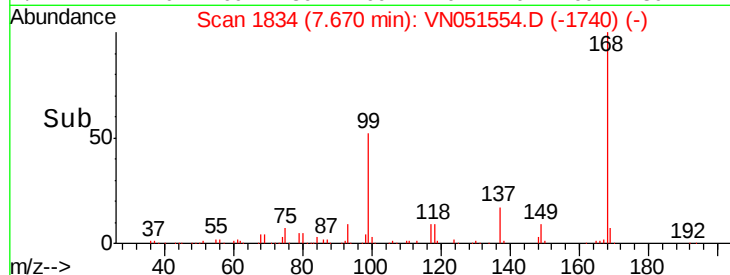
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 3.385 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051554.D

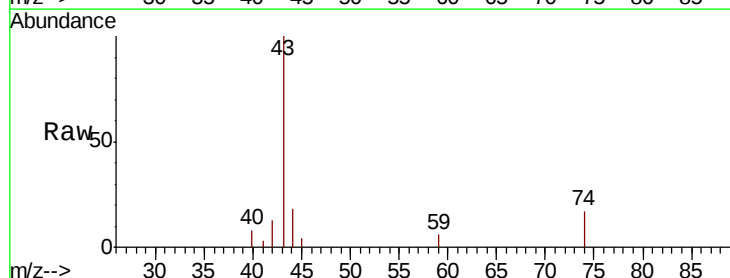
Acq: 26 Sep 2018 23:16

Tgt Ion: 43 Resp: 19698

Ion Ratio Lower Upper

43 100

74 9.3 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) (-)

4.34

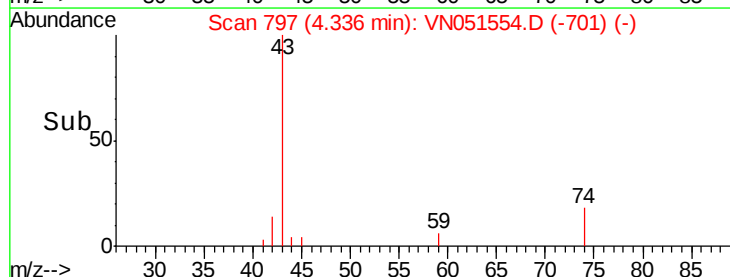
6000

4000

2000

0

Time-->

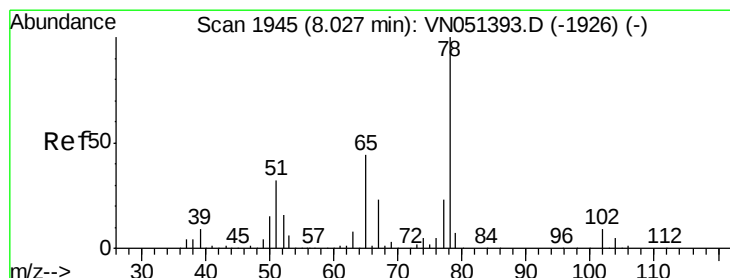
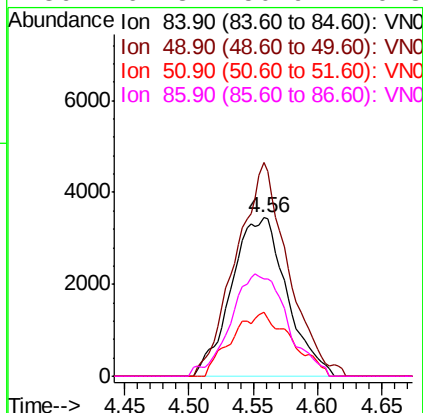
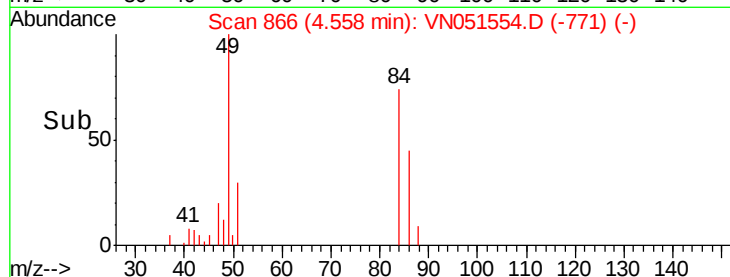
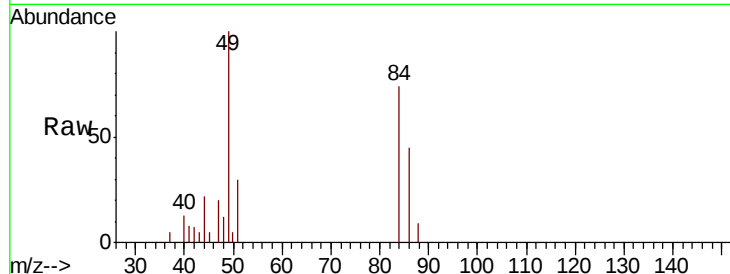




#20
Methvlene Chloride
Concen: 1.362 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051554.D
Acq: 26 Sep 2018 23:16

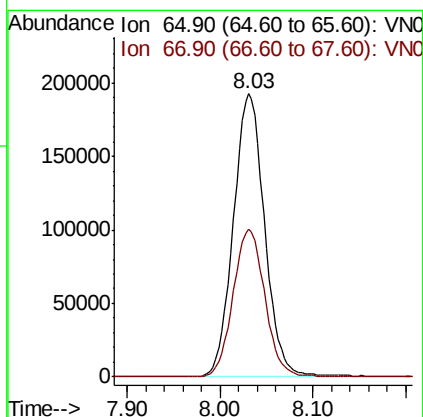
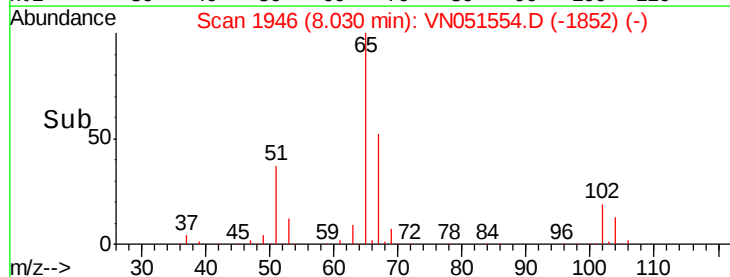
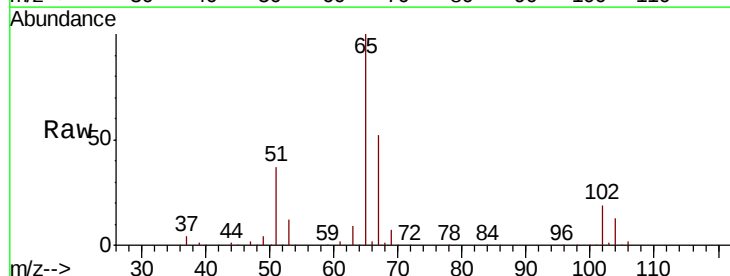
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#11

Tot Ion: 84 Resp: 10299
Ion Ratio Lower Upper
84 100
49 134.9 99.9 149.9
51 40.1 31.4 47.2
86 61.3 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.860 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051554.D
Acq: 26 Sep 2018 23:16

Tgt Ion: 65 Resp: 449786
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.8

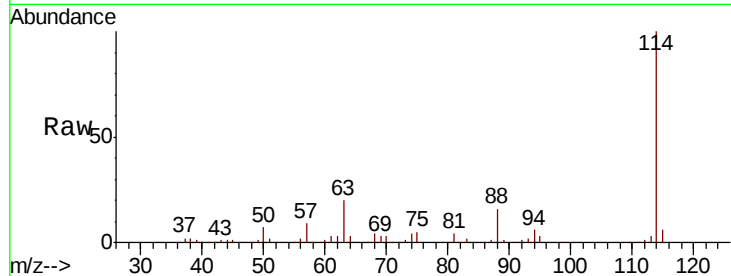




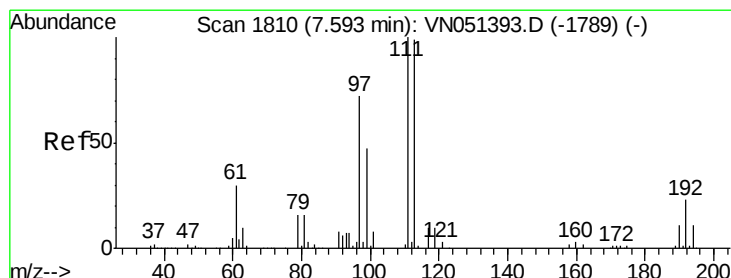
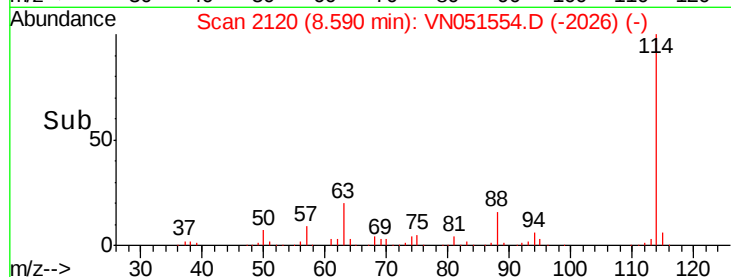
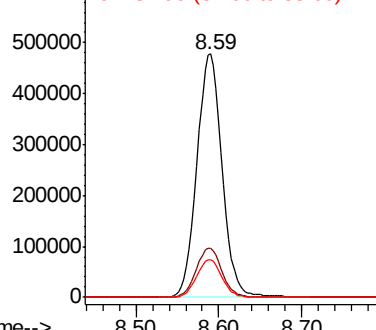
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051554.D
 Acq: 26 Sep 2018 23:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#11

Tot Ion:114 Resp: 1010148
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.6 0.0 31.4

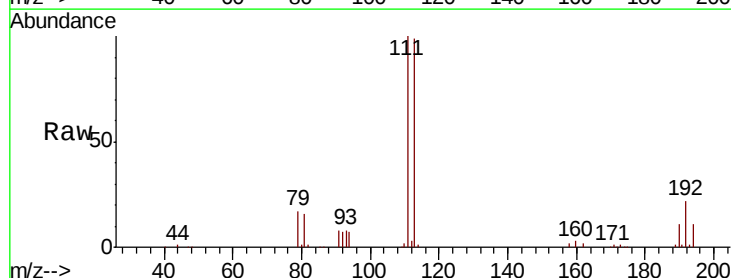


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

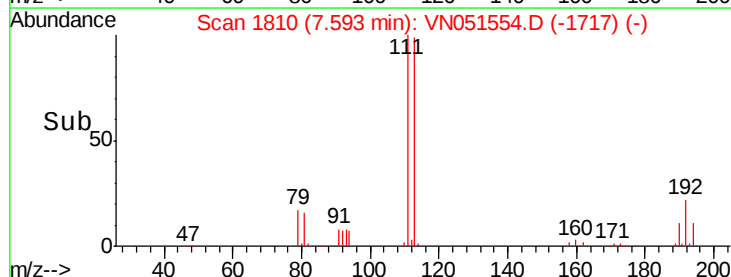
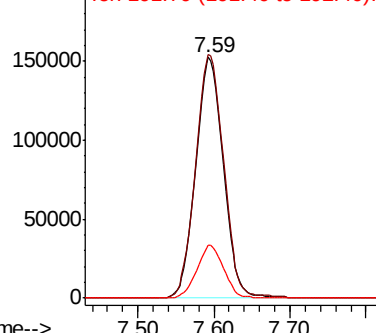


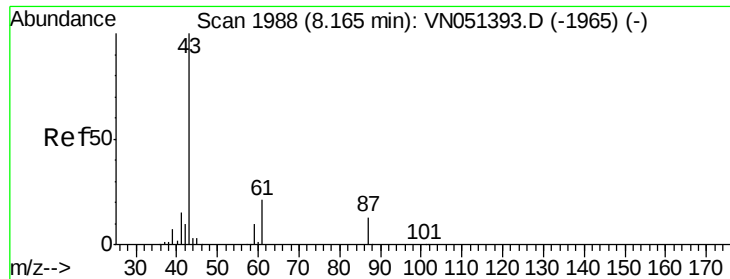
#35
 Dibromofluoromethane
 Concen: 47.901 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051554.D
 Acq: 26 Sep 2018 23:16

Tgt Ion:113 Resp: 386929
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 21.3 18.0 27.0



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: 32.573 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051554.D

Acq: 26 Sep 2018 23:16

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#11

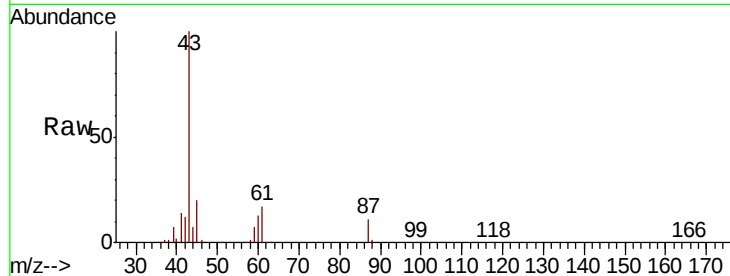
Tot Ion: 43 Resp: 396155

Ion Ratio Lower Upper

43 100

61 14.9 16.8 25.2#

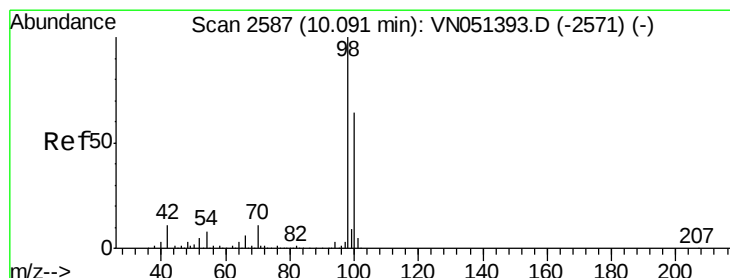
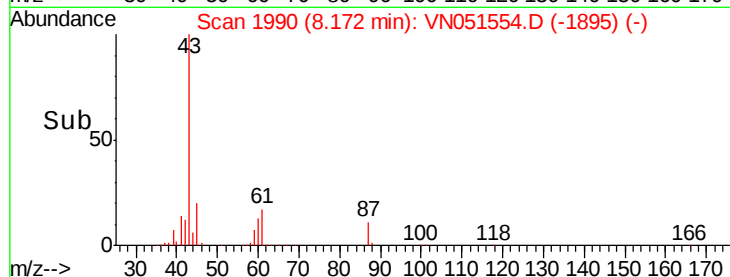
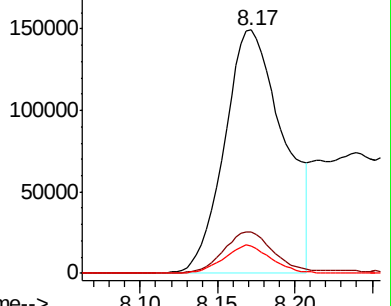
87 9.3 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#50

Toluene-d8

Concen: 45.537 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051554.D

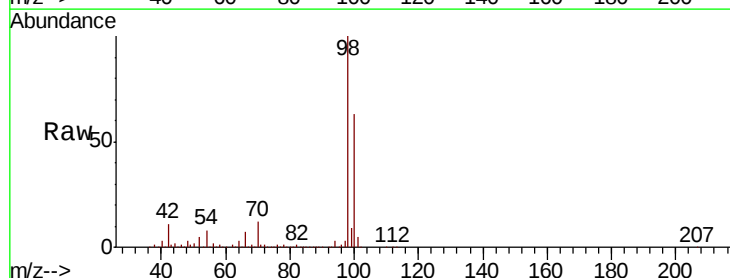
Acq: 26 Sep 2018 23:16

Tgt Ion: 98 Resp: 1385135

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

Ion 112.00 (111.70 to 112.70): VN051393.D (-2571) (-)

Ion 207.00 (206.70 to 207.70): VN051393.D (-2571) (-)

Ion 229.00 (228.70 to 229.70): VN051393.D (-2571) (-)

Ion 252.00 (251.70 to 252.70): VN051393.D (-2571) (-)

Ion 275.00 (274.70 to 275.70): VN051393.D (-2571) (-)

Ion 299.00 (298.70 to 299.70): VN051393.D (-2571) (-)

Ion 322.00 (321.70 to 322.70): VN051393.D (-2571) (-)

Ion 346.00 (345.70 to 346.70): VN051393.D (-2571) (-)

Ion 370.00 (369.70 to 370.70): VN051393.D (-2571) (-)

Ion 394.00 (393.70 to 394.70): VN051393.D (-2571) (-)

Ion 418.00 (417.70 to 418.70): VN051393.D (-2571) (-)

Ion 442.00 (441.70 to 442.70): VN051393.D (-2571) (-)

Ion 466.00 (465.70 to 466.70): VN051393.D (-2571) (-)

Ion 490.00 (489.70 to 490.70): VN051393.D (-2571) (-)

Ion 514.00 (513.70 to 514.70): VN051393.D (-2571) (-)

Ion 538.00 (537.70 to 538.70): VN051393.D (-2571) (-)

Ion 562.00 (561.70 to 562.70): VN051393.D (-2571) (-)

Ion 586.00 (585.70 to 586.70): VN051393.D (-2571) (-)

Ion 610.00 (609.70 to 610.70): VN051393.D (-2571) (-)

Ion 634.00 (633.70 to 634.70): VN051393.D (-2571) (-)

Ion 658.00 (657.70 to 658.70): VN051393.D (-2571) (-)

Ion 682.00 (681.70 to 682.70): VN051393.D (-2571) (-)

Ion 706.00 (705.70 to 706.70): VN051393.D (-2571) (-)

Ion 730.00 (729.70 to 730.70): VN051393.D (-2571) (-)

Ion 754.00 (753.70 to 754.70): VN051393.D (-2571) (-)

Ion 778.00 (777.70 to 778.70): VN051393.D (-2571) (-)

Ion 802.00 (801.70 to 802.70): VN051393.D (-2571) (-)

Ion 826.00 (825.70 to 826.70): VN051393.D (-2571) (-)

Ion 850.00 (849.70 to 850.70): VN051393.D (-2571) (-)

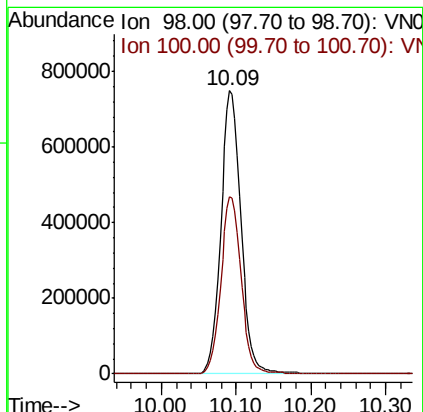
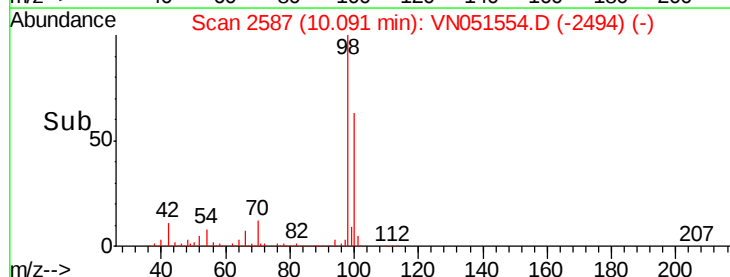
Ion 874.00 (873.70 to 874.70): VN051393.D (-2571) (-)

Ion 898.00 (897.70 to 898.70): VN051393.D (-2571) (-)

Ion 922.00 (921.70 to 922.70): VN051393.D (-2571) (-)

Ion 946.00 (945.70 to 946.70): VN051393.D (-2571) (-)

Ion 970.00 (969.70 to 970.70): VN051393.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 36.950 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051554.D

Acq: 26 Sep 2018 23:16

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#11

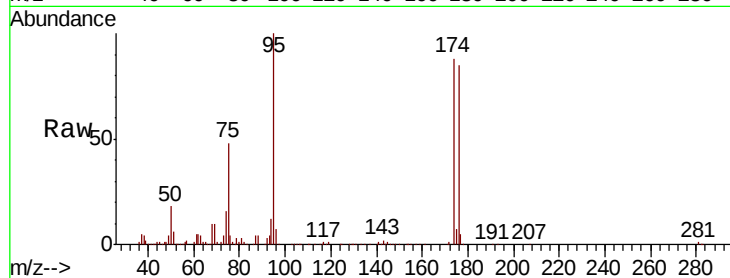
Tot Ion: 95 Resp: 363588

Ion Ratio Lower Upper

95 100

174 89.7 0.0 181.6

176 85.3 0.0 176.4



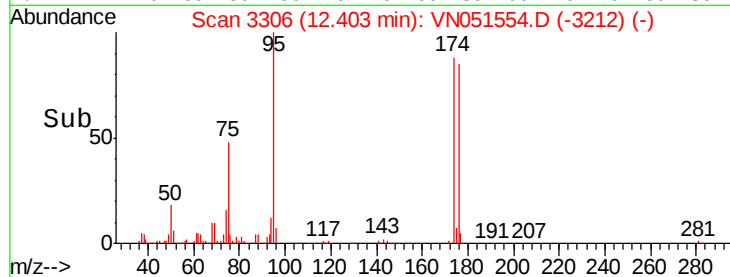
Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

Time-->



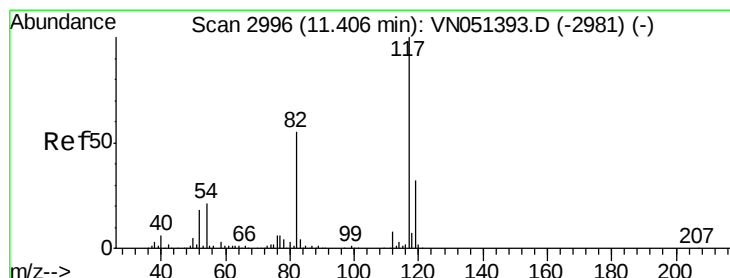
Abundance Ion 94.90 (94.60 to 95.60): VN051554.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051554.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051554.D (-3212) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051554.D

Acq: 26 Sep 2018 23:16

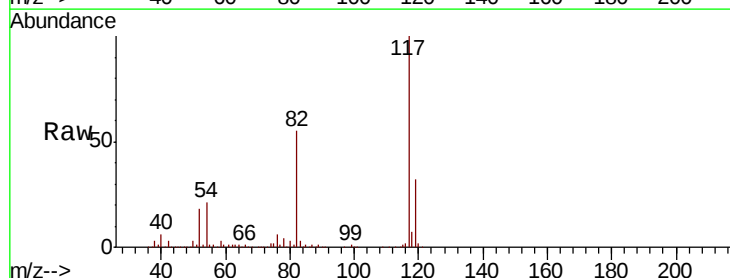
Tgt Ion: 117 Resp: 827431

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.2 25.9 38.9



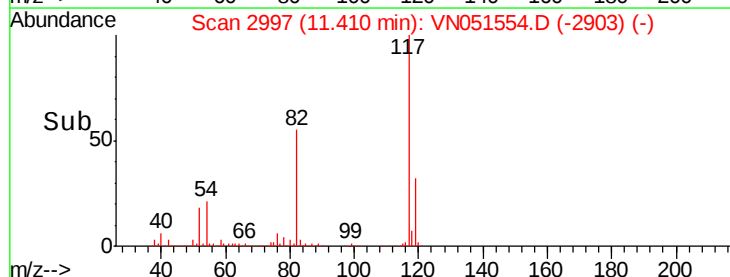
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

11.41

Time-->



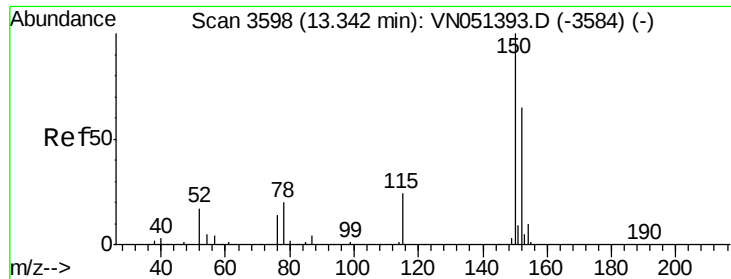
Abundance Ion 116.90 (116.60 to 117.60): VN051554.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051554.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051554.D (-2903) (-)

11.41

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051554.D

Acq: 26 Sep 2018 23:16

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#11

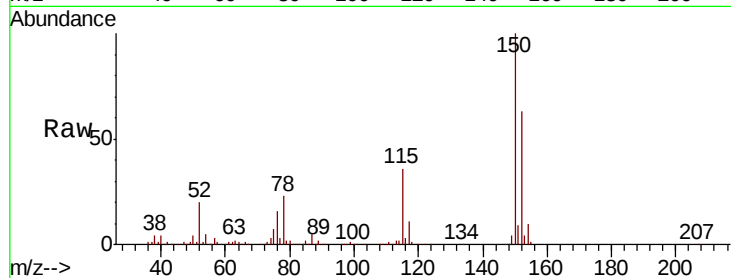
Tot Ion:152 Resp: 278764

Ion Ratio Lower Upper

152 100

115 56.5 28.3 84.9

150 158.8 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

