

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049811.D
 Acq On : 13 Jul 2018 21:20
 Operator : MD\SY
 Sample : PB111069ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#01

Quant Time: Jul 14 00:47:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1165543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1925112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1588752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588122	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	807022	59.52	ug/l	0.00
Spiked Amount			Recovery	=	119.04%	
35) Dibromofluoromethane	7.60	113	724724	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	2597303	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	707666	39.89	ug/l	0.00
Spiked Amount			Recovery	=	79.78%	

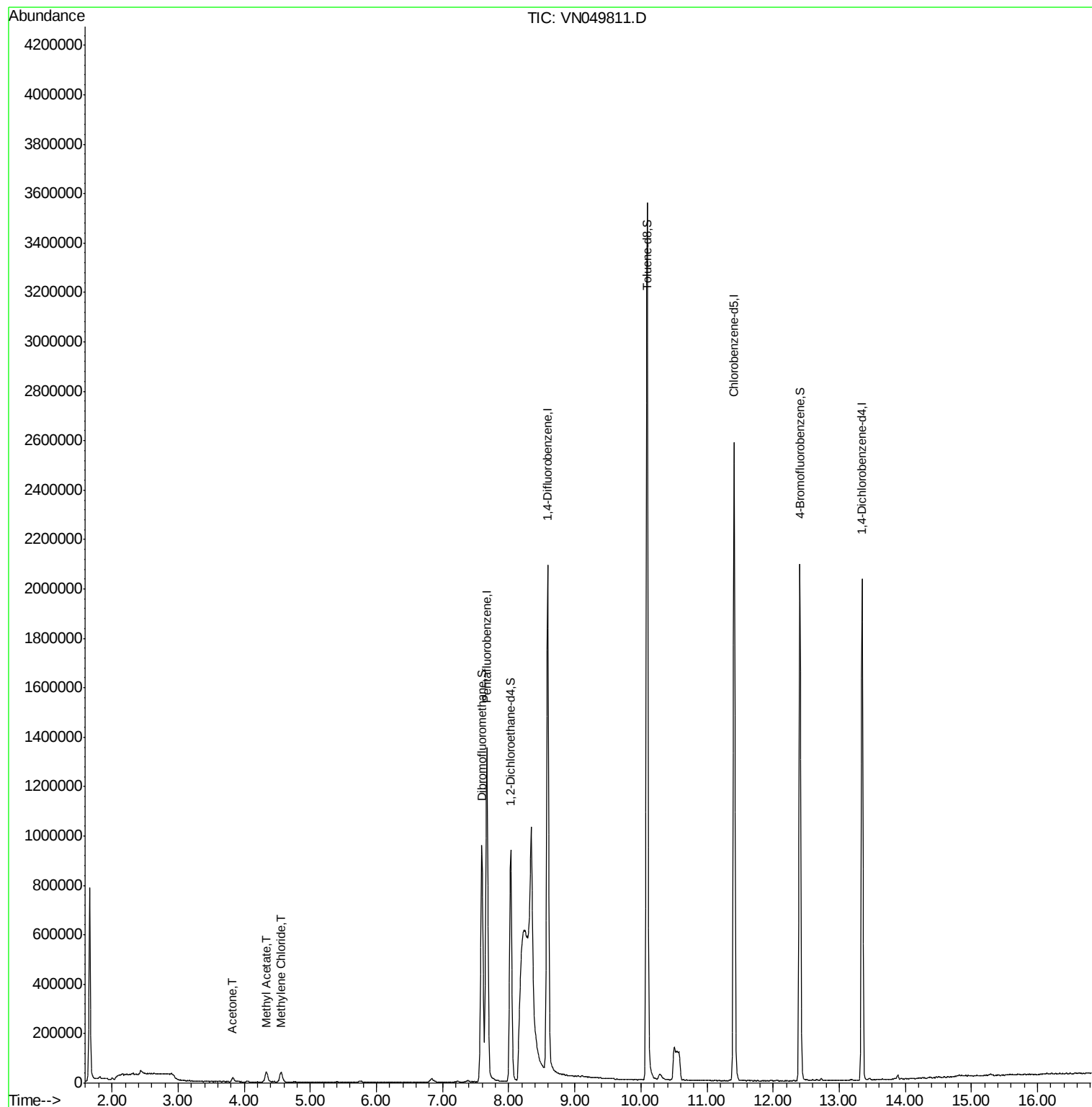
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25827	5.71	ug/l	89
18) Methyl Acetate	4.34	43	82107	6.61	ug/l	99
20) Methylene Chloride	4.56	84	30661	1.31	ug/l	88

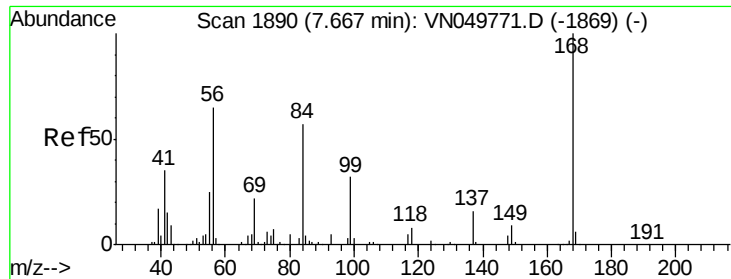
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

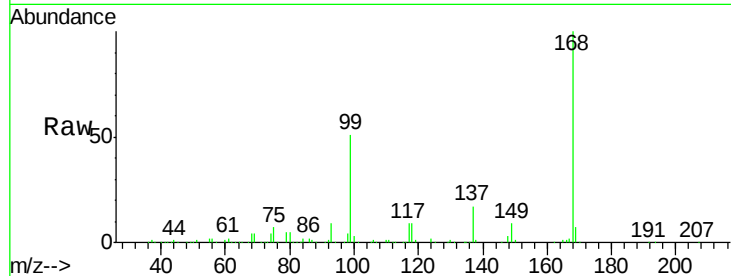
PB111069ZHE#01

Tot Ion:168 Resp: 1165543

Ion Ratio Lower Upper

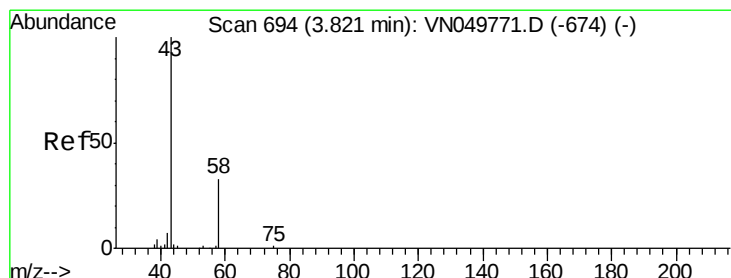
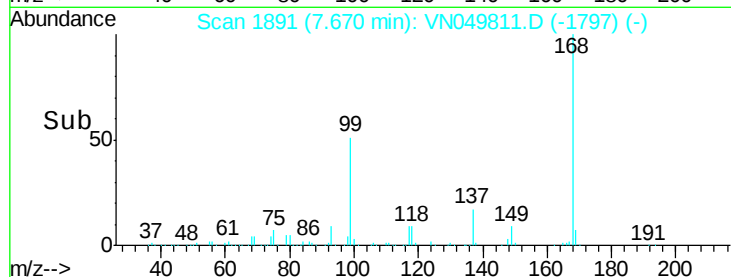
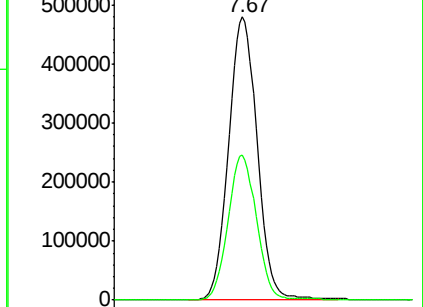
168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.71 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049811.D

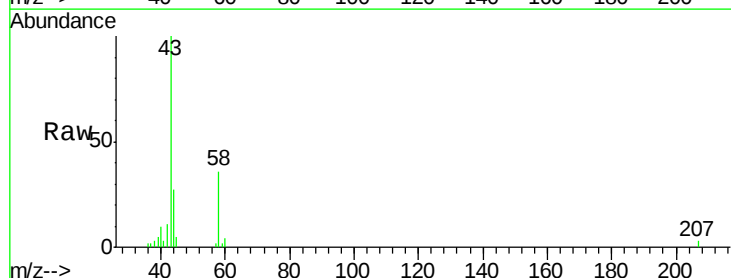
Acq: 13 Jul 2018 21:20

Tgt Ion: 43 Resp: 25827

Ion Ratio Lower Upper

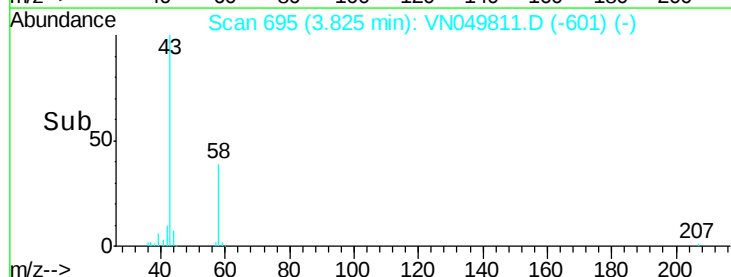
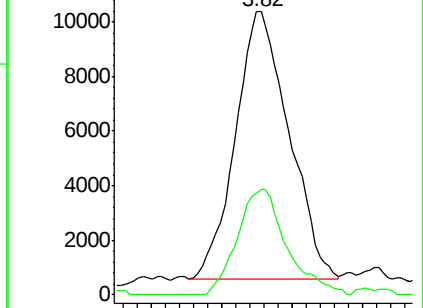
43 100

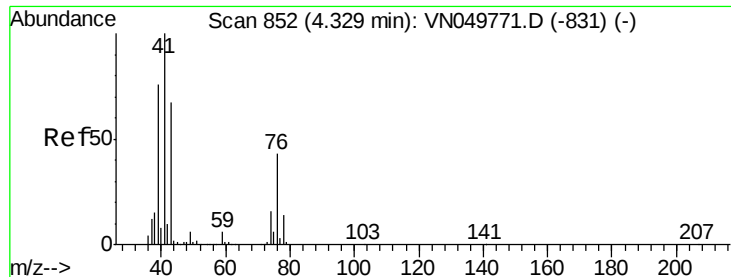
58 38.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

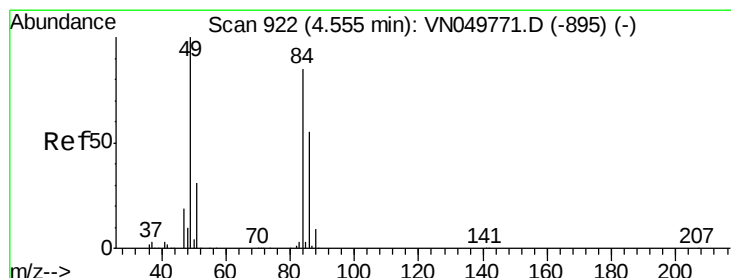
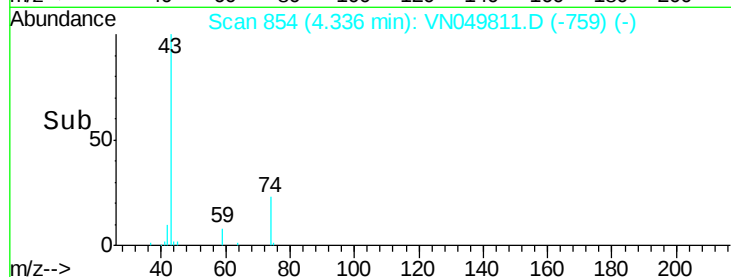
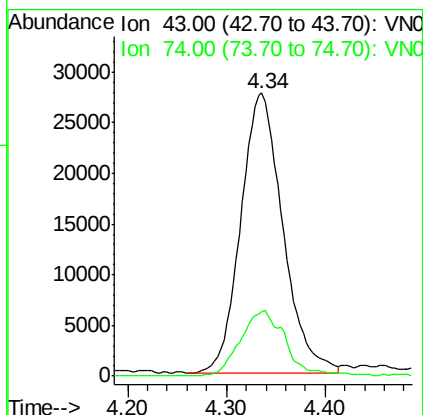
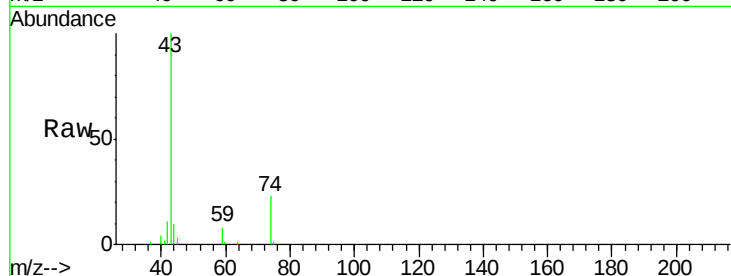




#18
Methvl Acetate
Concen: 6.61 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049811.D
Acq: 13 Jul 2018 21:20

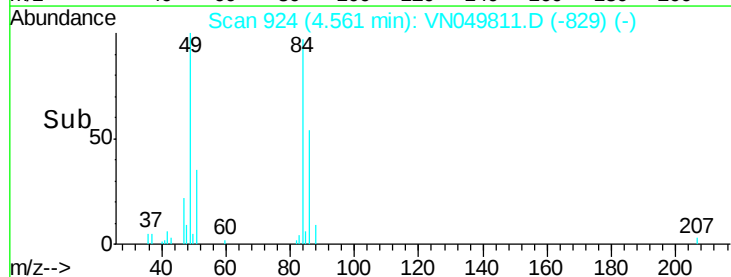
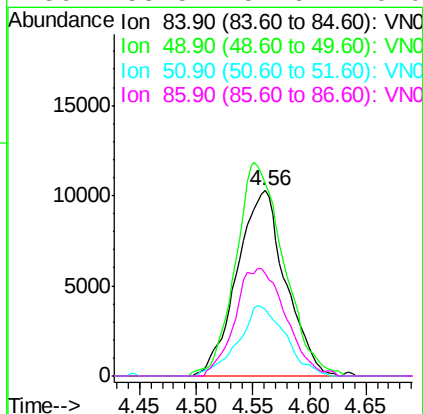
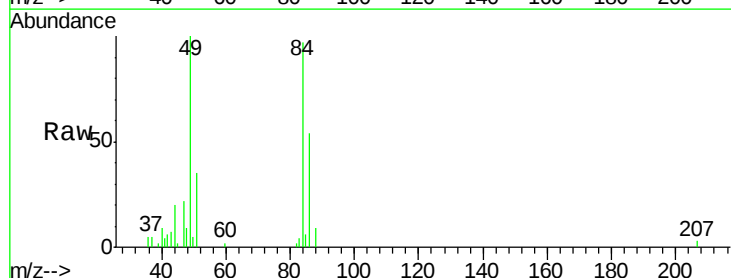
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#01

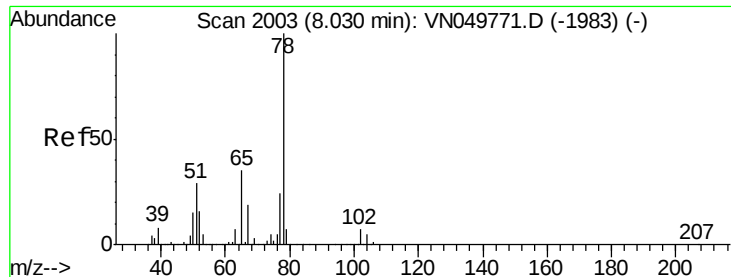
Tot Ion: 43 Resp: 82107
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#20
Methylene Chloride
Concen: 1.31 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN049811.D
Acq: 13 Jul 2018 21:20

Tgt Ion: 84 Resp: 30661
Ion Ratio Lower Upper
84 100
49 103.6 95.4 143.2
51 36.1 28.4 42.6
86 55.5 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 59.52 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

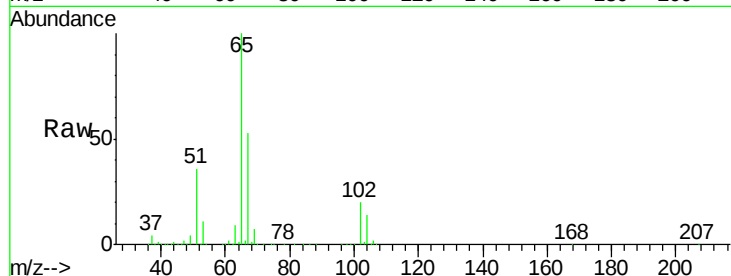
PB111069ZHE#01

Tot Ion: 65 Resp: 807022

Ion Ratio Lower Upper

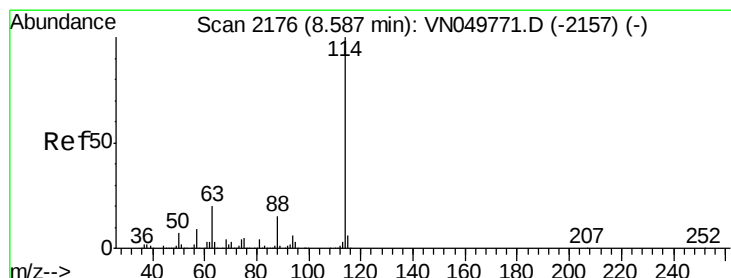
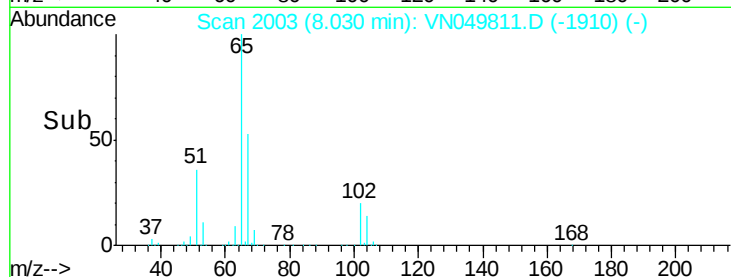
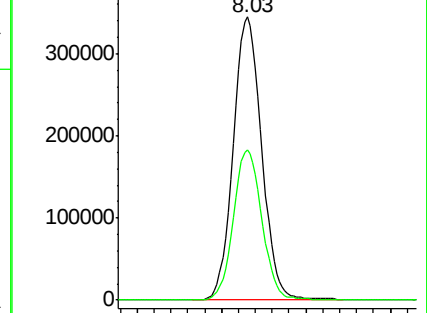
65 100

67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049811.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN049811.D (-1910) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

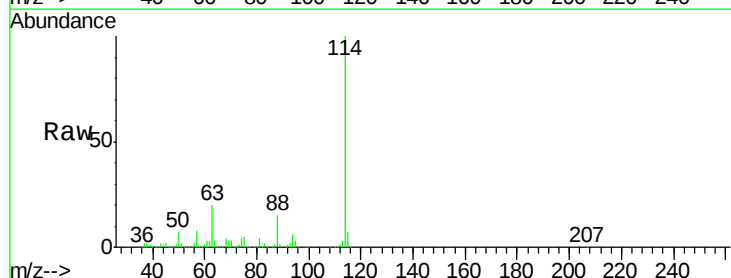
Tgt Ion: 114 Resp: 1925112

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

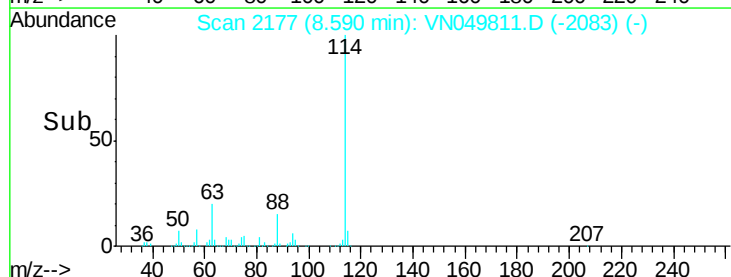
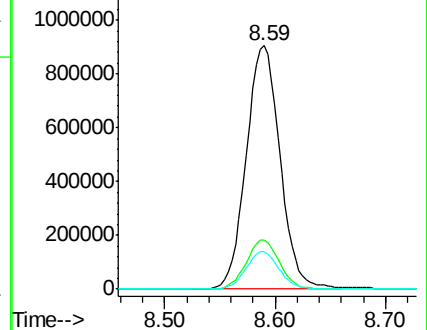
88 15.2 0.0 30.6

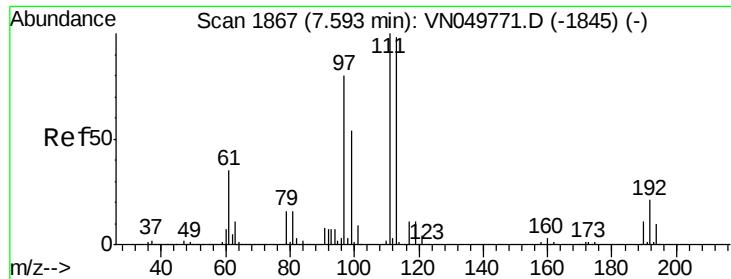


Abundance Ion 113.90 (113.60 to 114.60): VN049811.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049811.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049811.D (-2083) (-)

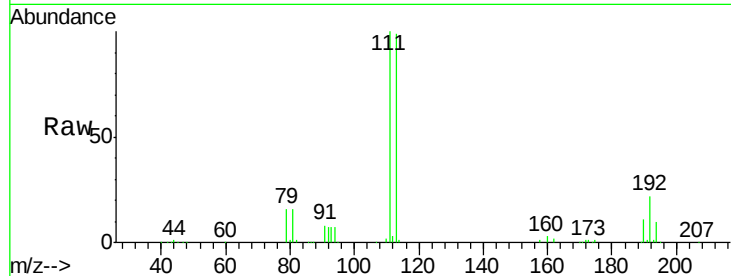




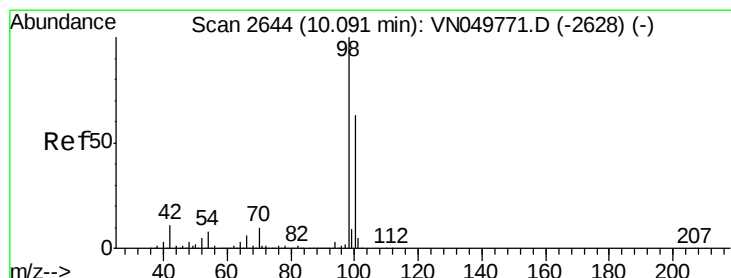
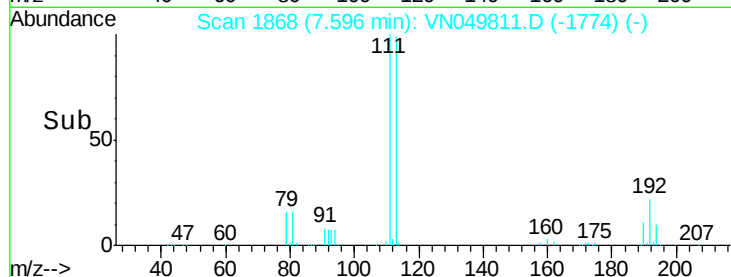
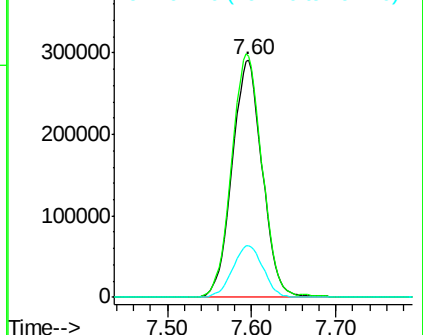
#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN049811.D
 Acq: 13 Jul 2018 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#01

Tot Ion:113 Resp: 724724
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 22.1 17.8 26.6

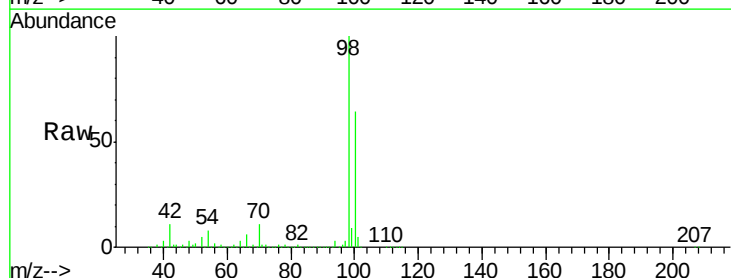


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

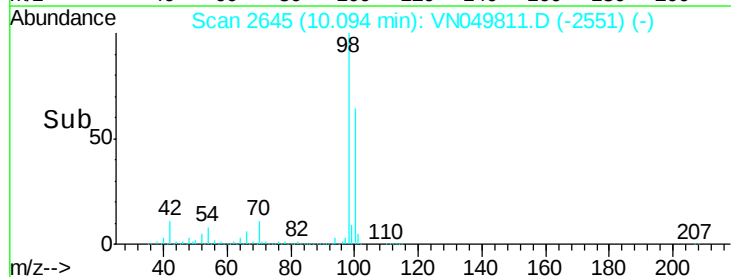
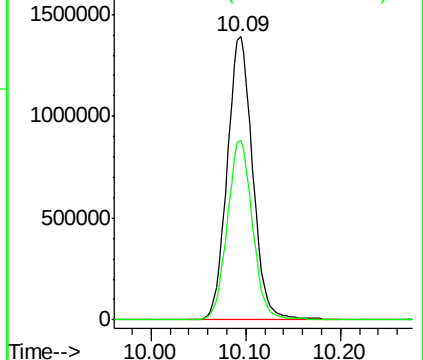


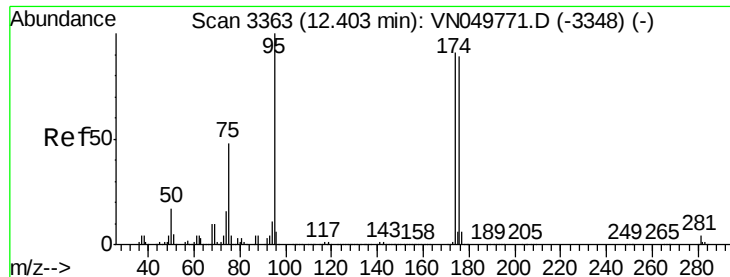
#50
 Toluene-d8
 Concen: 52.29 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049811.D
 Acq: 13 Jul 2018 21:20

Tgt Ion: 98 Resp: 2597303
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 39.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#01

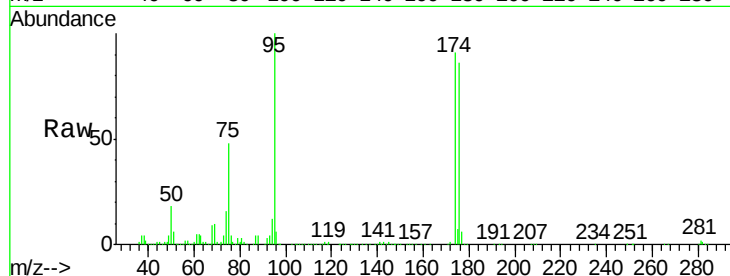
Tot Ion: 95 Resp: 707666

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 87.5 0.0 174.0

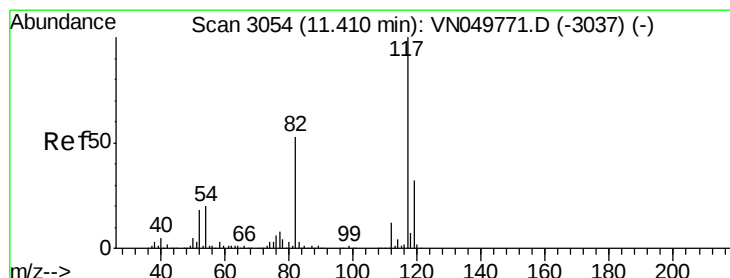
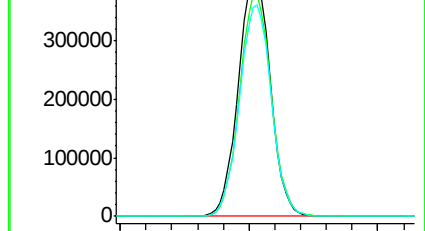
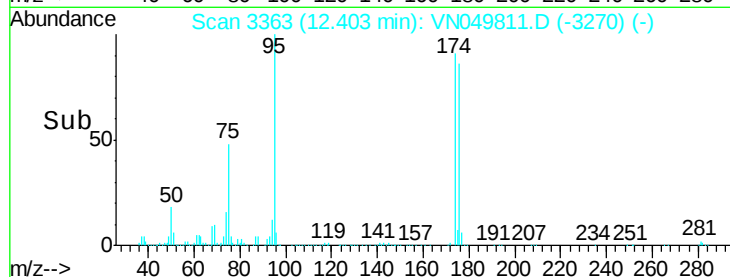


Abundance Ion 94.90 (94.60 to 95.60): VN049811.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049811.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049811.D (-3270) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

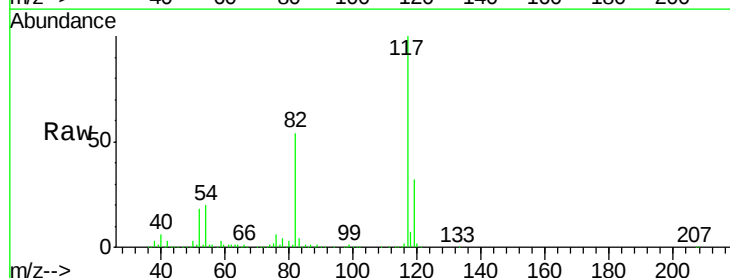
Tgt Ion: 117 Resp: 1588752

Ion Ratio Lower Upper

117 100

82 54.4 41.9 62.9

119 32.3 25.4 38.2

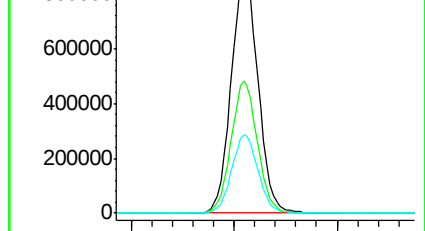
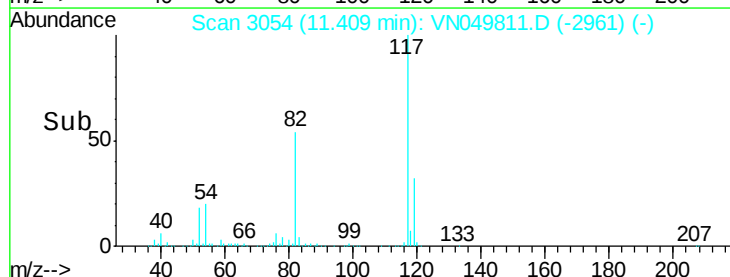


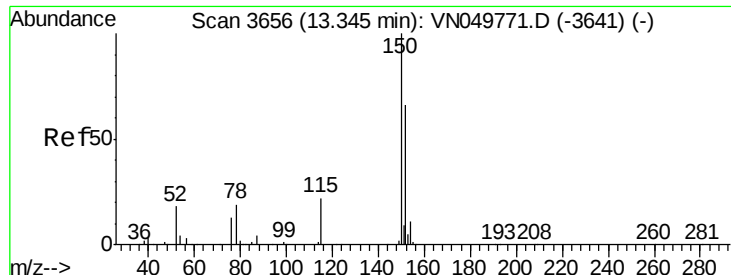
Abundance Ion 116.90 (116.60 to 117.60): VN049811.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049811.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049811.D (-2961) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049811.D

Acq: 13 Jul 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#01

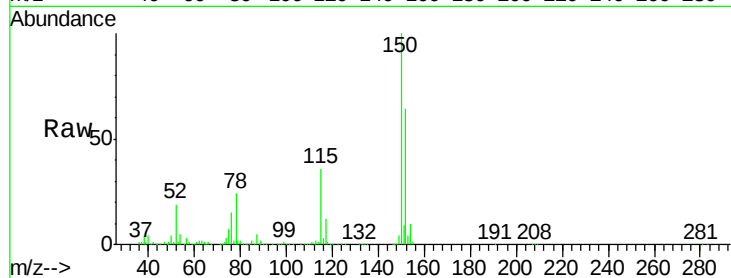
Tot Ion:152 Resp: 588122

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 156.9 0.0 347.6



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

