

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049802.D
 Acq On : 13 Jul 2018 17:27
 Operator : MD\SY
 Sample : PB111069ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#05

Quant Time: Jul 14 00:21:01 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	1165523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1879736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1556225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	579495	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	789272	58.21	ug/l	0.00
Spiked Amount			Recovery	=	116.42%	
35) Dibromofluoromethane	7.59	113	714097	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.09	98	2520826	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.40	95	698519	40.32	ug/l	0.00
Spiked Amount			Recovery	=	80.64%	

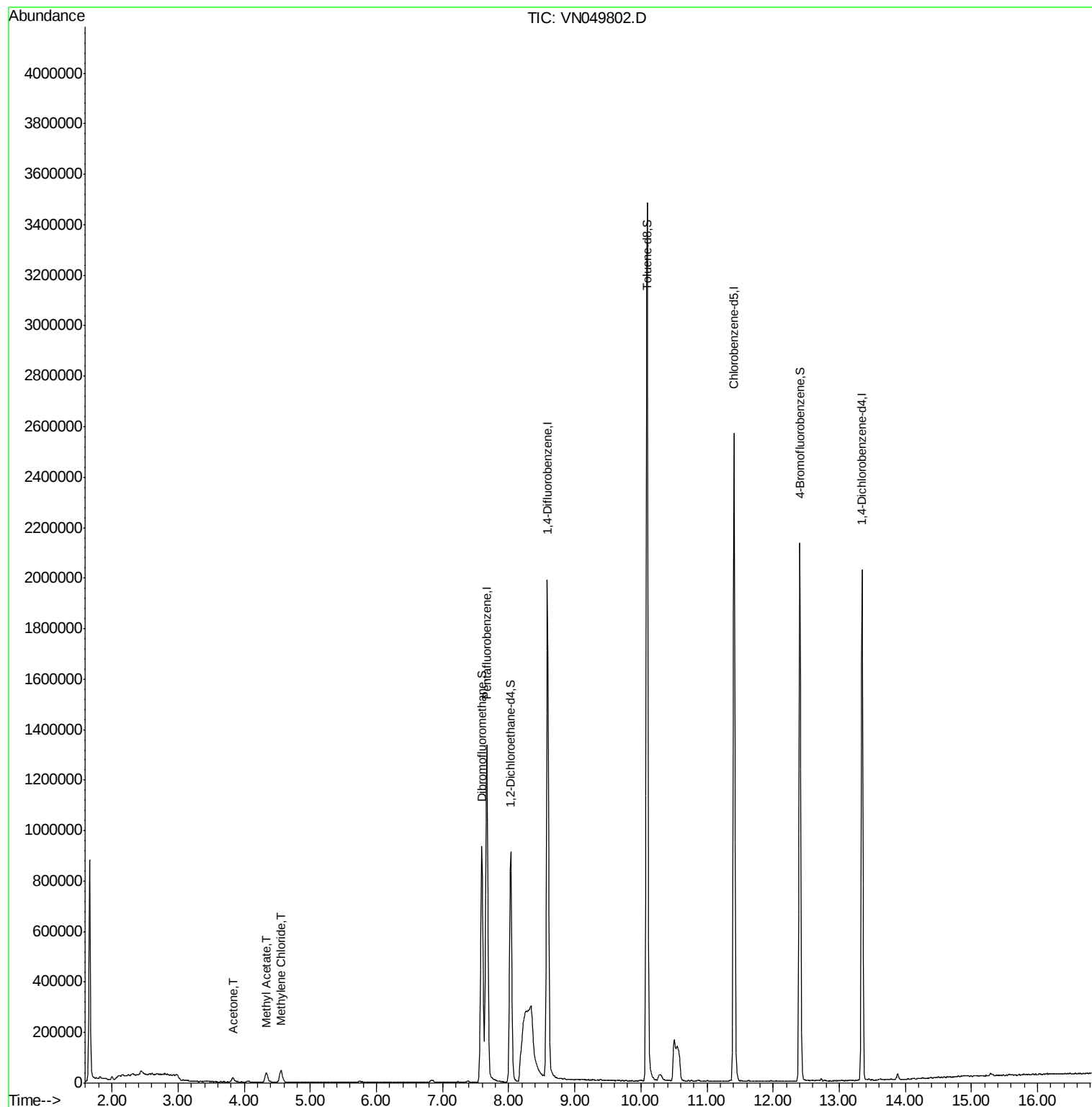
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	30025	6.98	ug/l	96
18) Methyl Acetate	4.33	43	71237	5.64	ug/l	97
20) Methylene Chloride	4.56	84	35677	1.68	ug/l	94

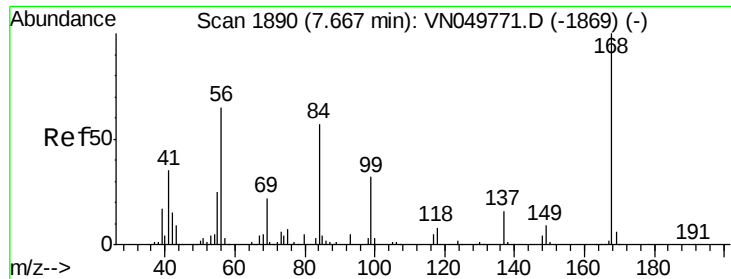
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049802.D

Acq: 13 Jul 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

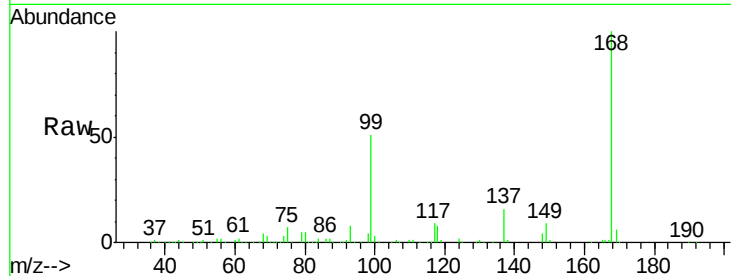
PB111069ZHE#05

Tot Ion:168 Resp: 1165523

Ion Ratio Lower Upper

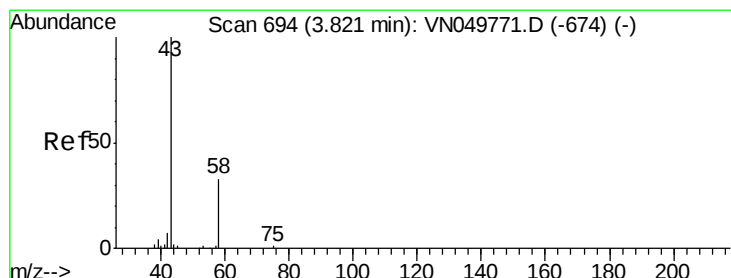
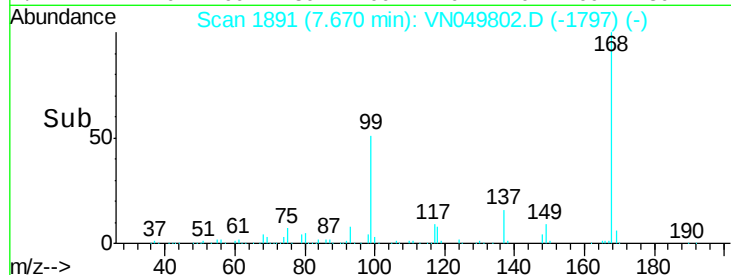
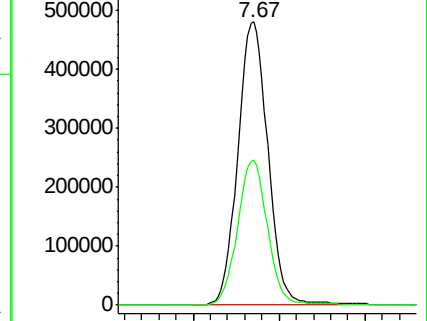
168 100

99 51.2 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: 6.98 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049802.D

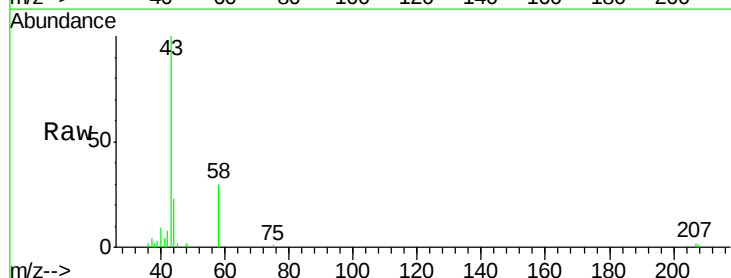
Acq: 13 Jul 2018 17:27

Tgt Ion: 43 Resp: 30025

Ion Ratio Lower Upper

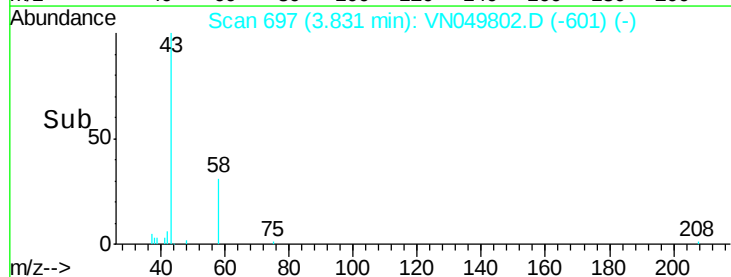
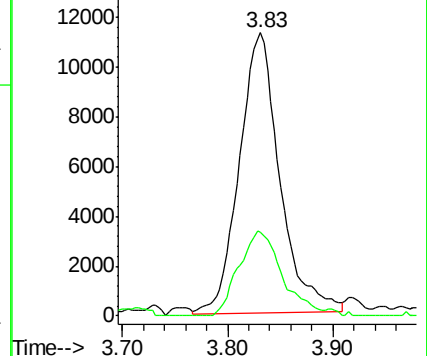
43 100

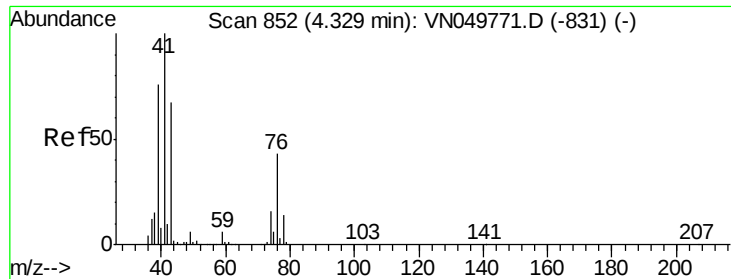
58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

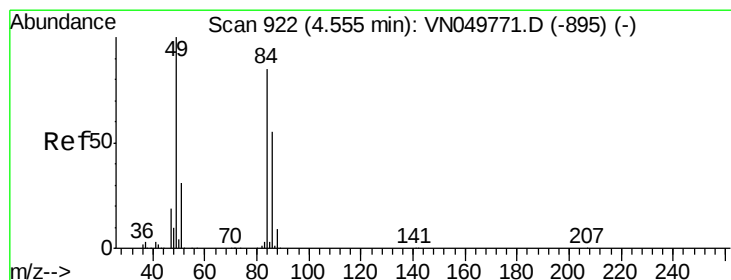
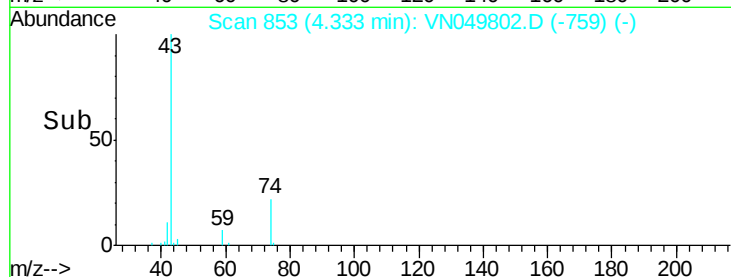
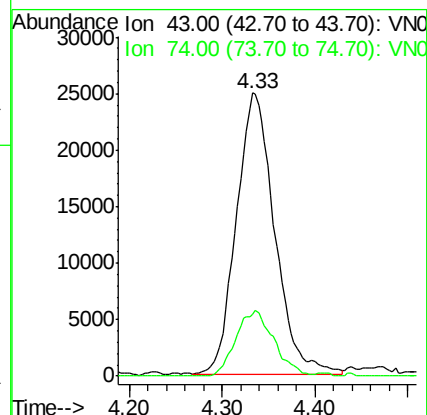
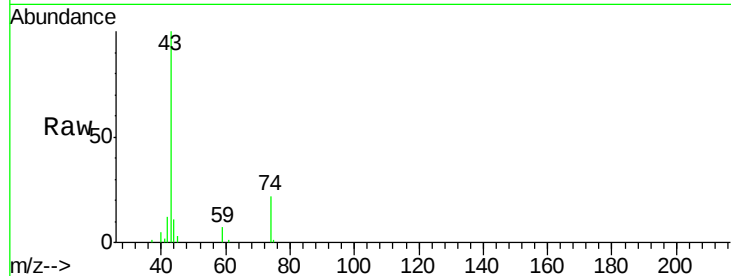




#18
Methvl Acetate
Concen: 5.64 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049802.D
Acq: 13 Jul 2018 17:27

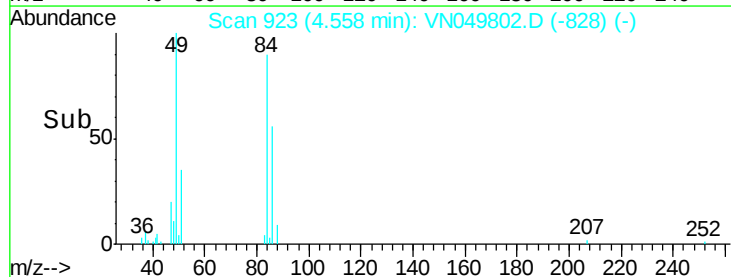
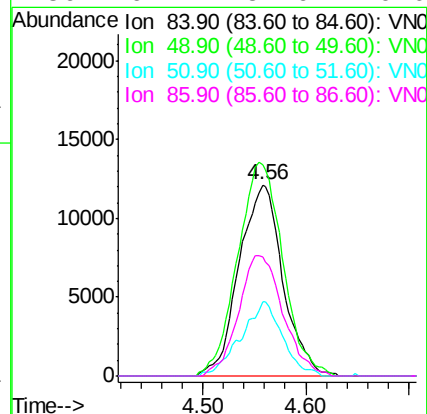
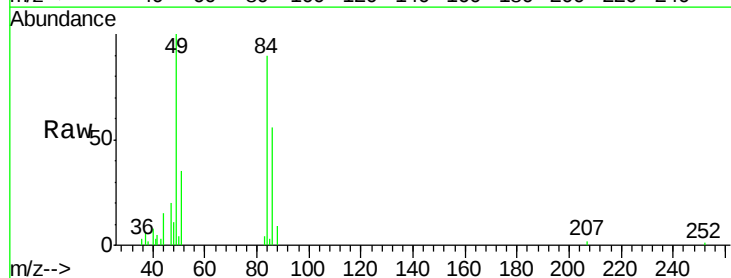
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#05

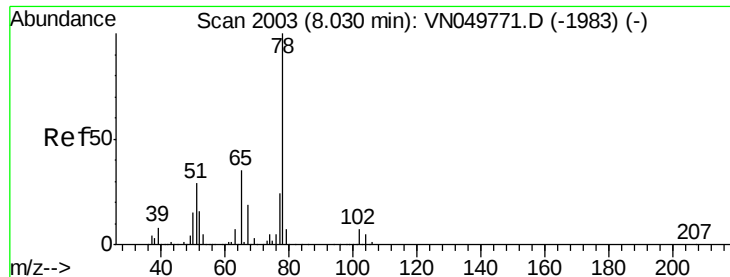
Tot Ion: 43 Resp: 71237
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 1.68 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN049802.D
Acq: 13 Jul 2018 17:27

Tgt Ion: 84 Resp: 35677
Ion Ratio Lower Upper
84 100
49 110.7 95.4 143.2
51 38.7 28.4 42.6
86 62.2 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 58.21 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049802.D

Acq: 13 Jul 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

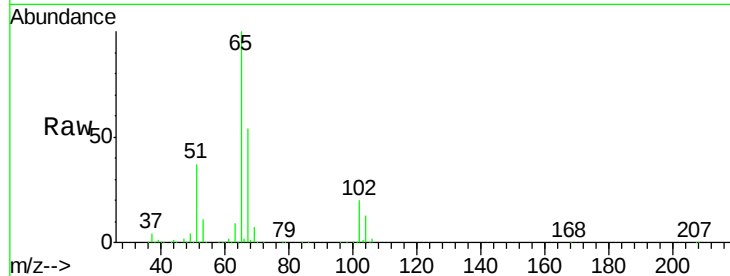
PB111069ZHE#05

Tot Ion: 65 Resp: 789272

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049802.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN049802.D (-1910) (-)

8.03

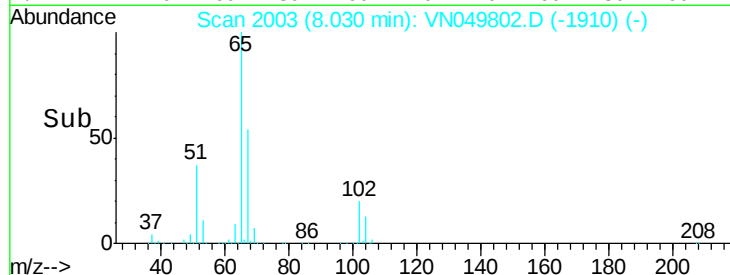
300000

200000

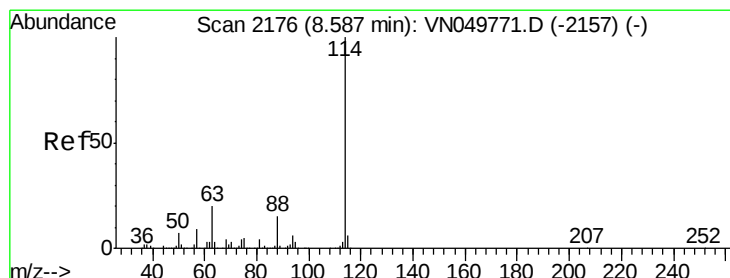
100000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049802.D

Acq: 13 Jul 2018 17:27

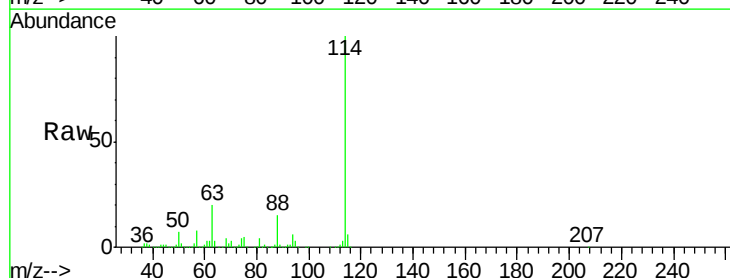
Tgt Ion: 114 Resp: 1879736

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049802.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049802.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049802.D (-2083) (-)

8.59

1200000

1000000

800000

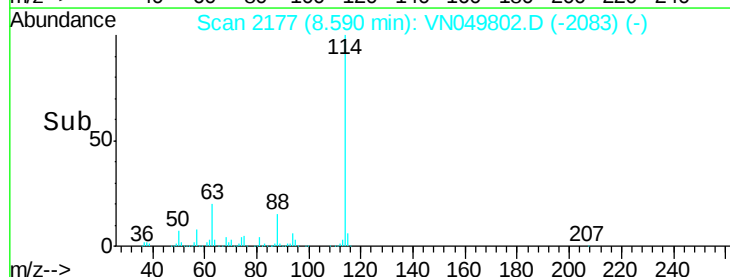
600000

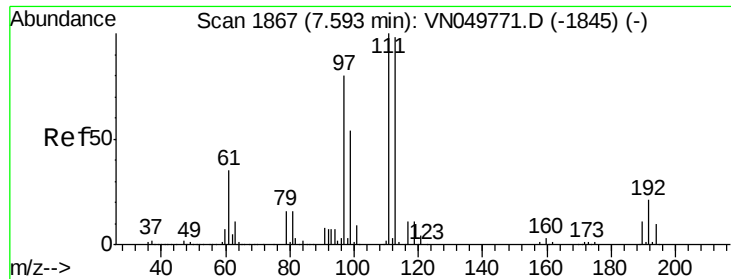
400000

200000

0

Time-->

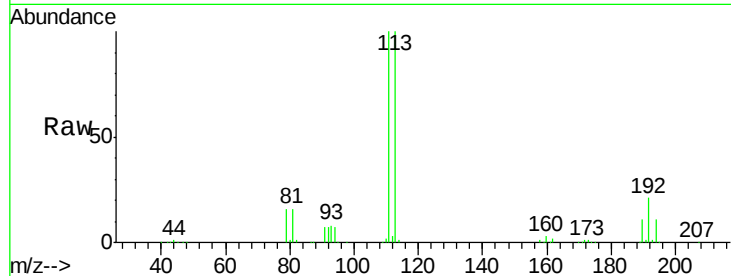




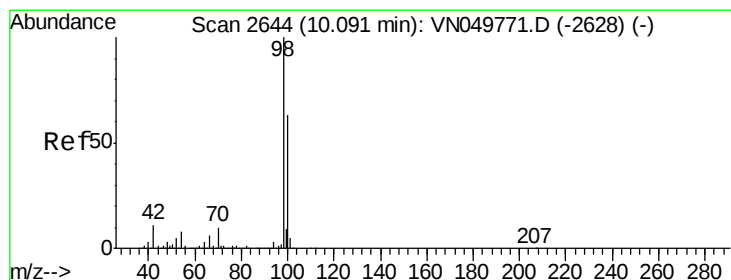
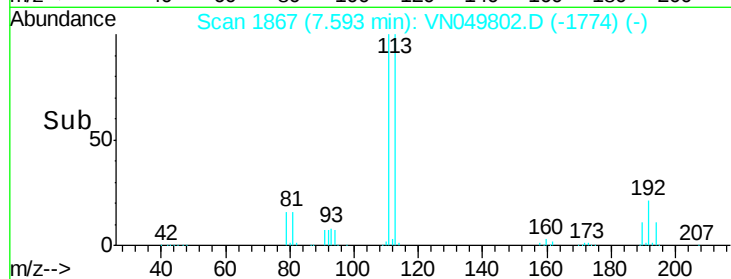
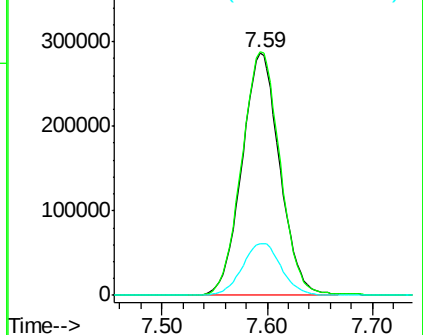
#35
 Dibromofluoromethane
 Concen: 50.40 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049802.D
 Acq: 13 Jul 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#05

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.2	17.8	26.6

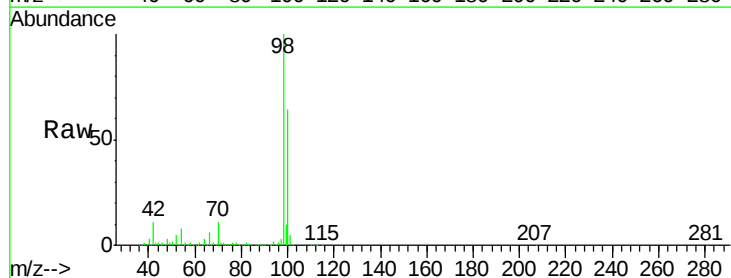


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

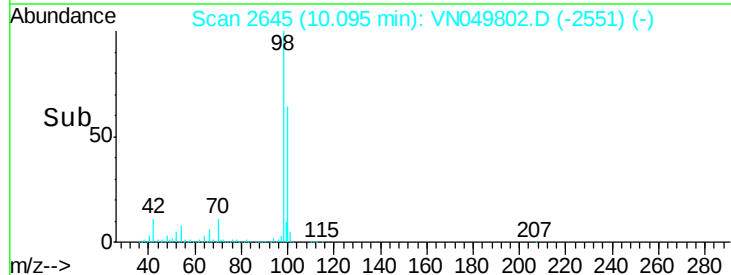
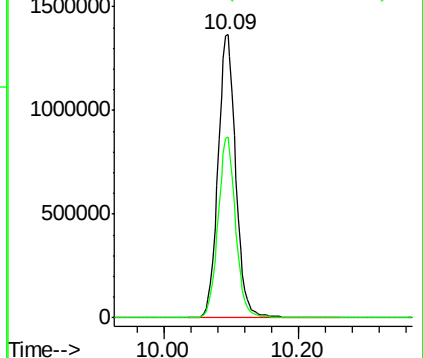


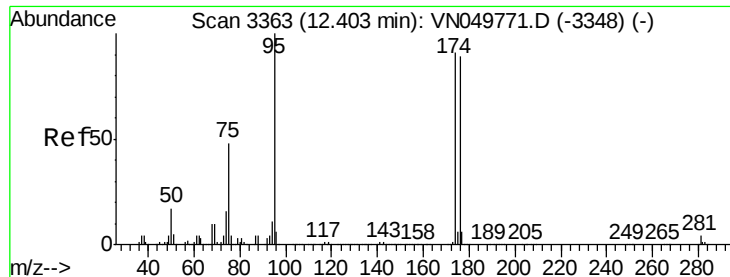
#50
 Toluene-d8
 Concen: 51.97 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049802.D
 Acq: 13 Jul 2018 17:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5



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

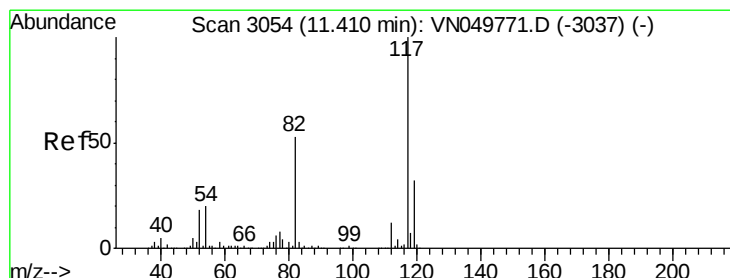
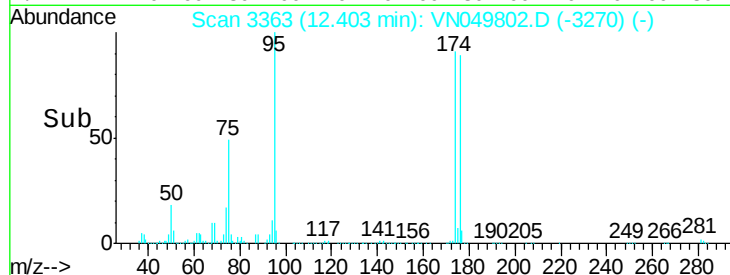
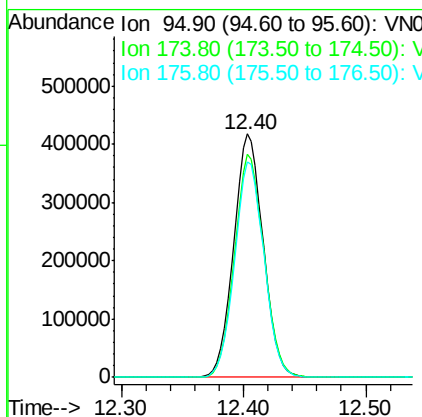
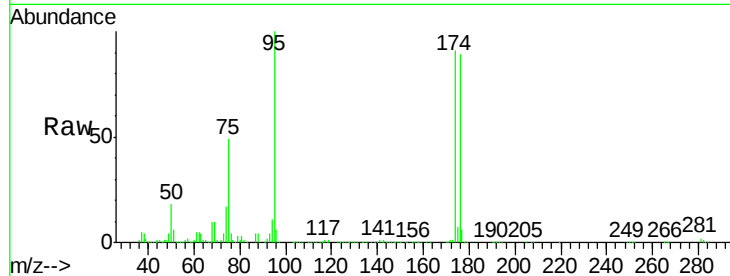




#62
4-Bromofluorobenzene
Concen: 40.32 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049802.D
Acq: 13 Jul 2018 17:27

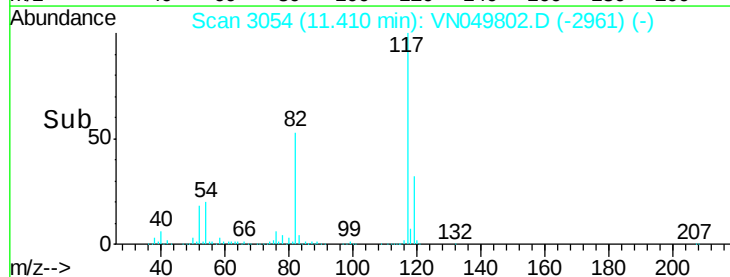
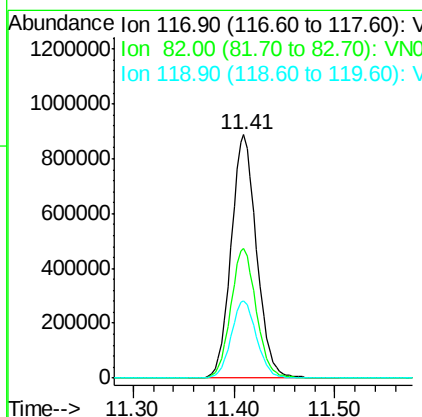
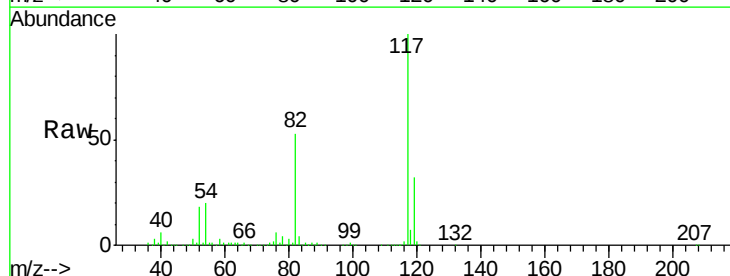
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#05

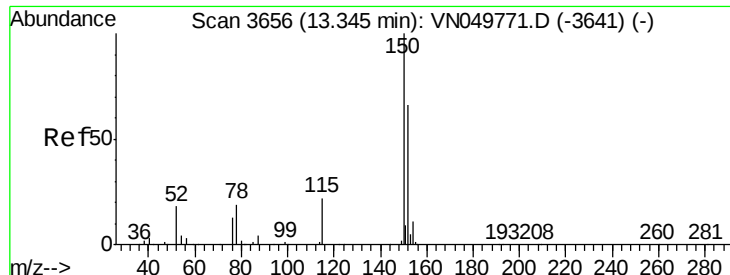
Tot Ion: 95 Resp: 698519
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.6
176 88.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049802.D
Acq: 13 Jul 2018 17:27

Tgt Ion: 117 Resp: 1556225
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049802.D

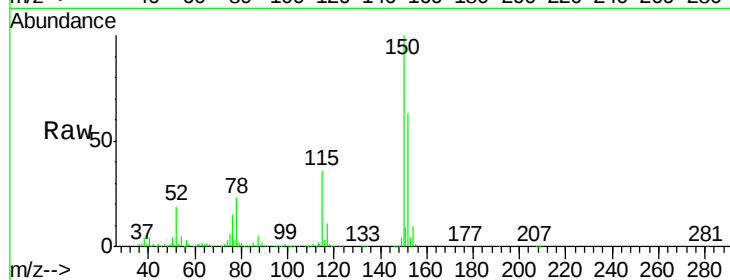
Acq: 13 Jul 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#05



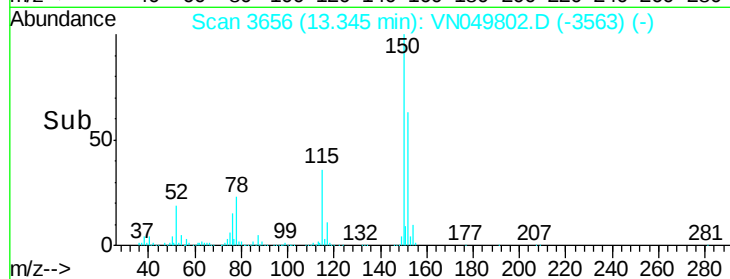
Tot Ion:152 Resp: 579495

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 155.7 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

