

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049809.D
 Acq On : 13 Jul 2018 20:29
 Operator : MD\SY
 Sample : PB111069ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#12

Quant Time: Jul 14 00:41:15 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	1129570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1870150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1491344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	516897	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	765984	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	7.59	113	707809	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	2472518	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	650022	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	

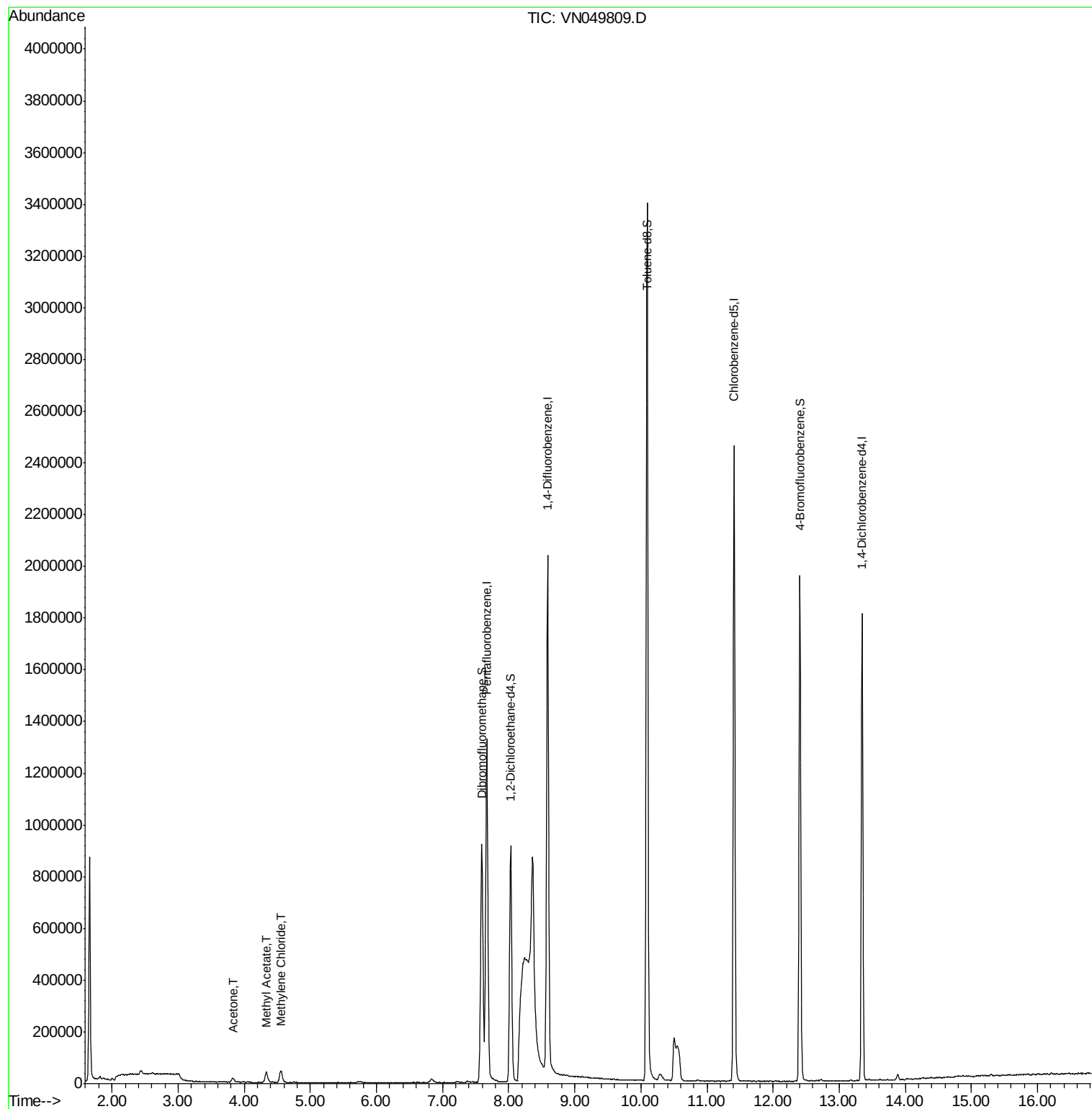
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	29570	7.13	ug/l	93
18) Methyl Acetate	4.33	43	76335	6.31	ug/l	99
20) Methylene Chloride	4.55	84	33145	1.57	ug/l	97

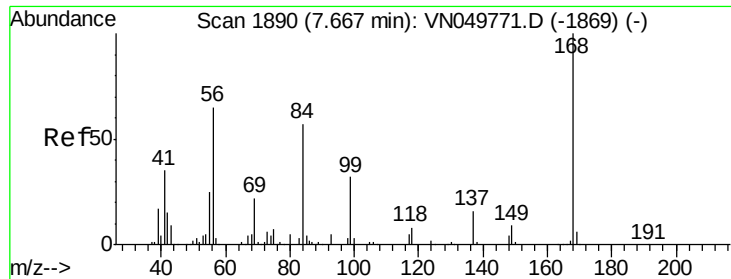
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049809.D

Acq: 13 Jul 2018 20:29

Instrument :

MSVOA_N

ClientSampleId :

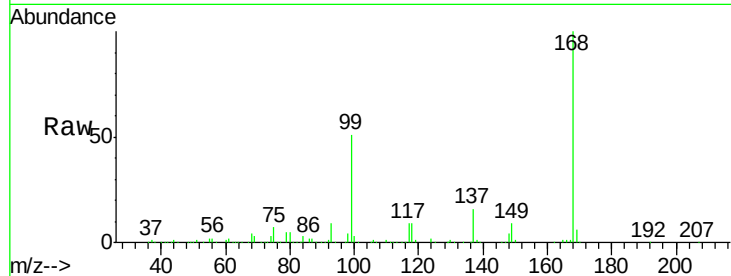
PB111069ZHE#12

Tot Ion:168 Resp: 1129570

Ion Ratio Lower Upper

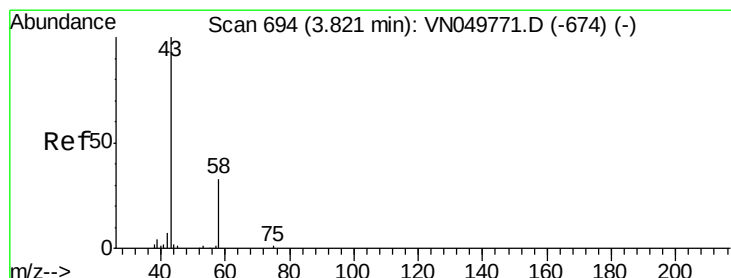
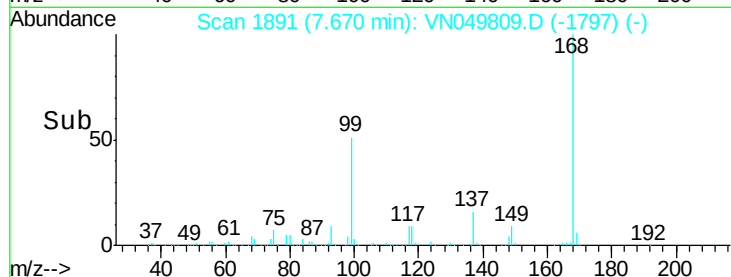
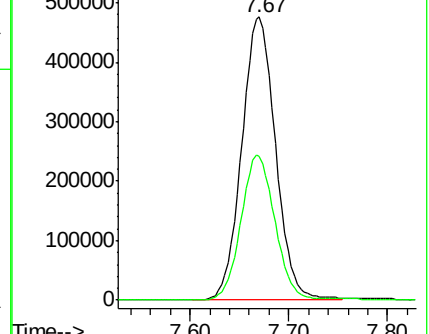
168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.13 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049809.D

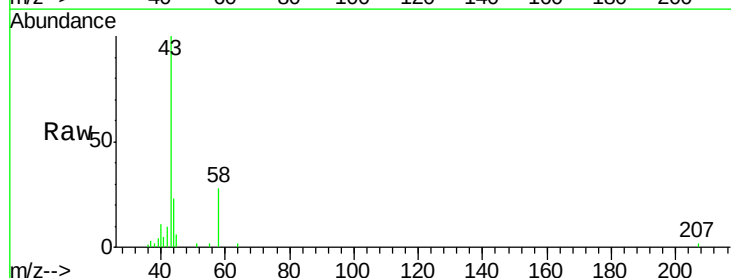
Acq: 13 Jul 2018 20:29

Tgt Ion: 43 Resp: 29570

Ion Ratio Lower Upper

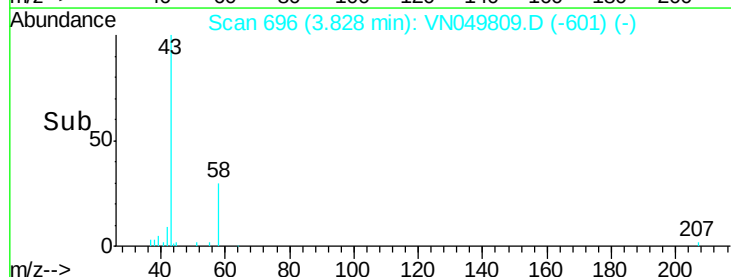
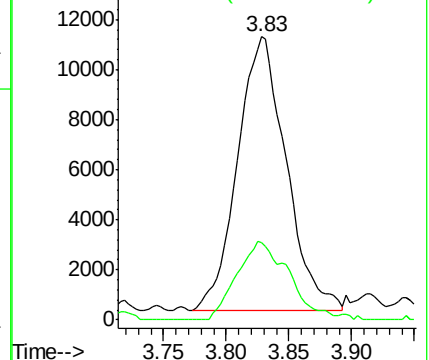
43 100

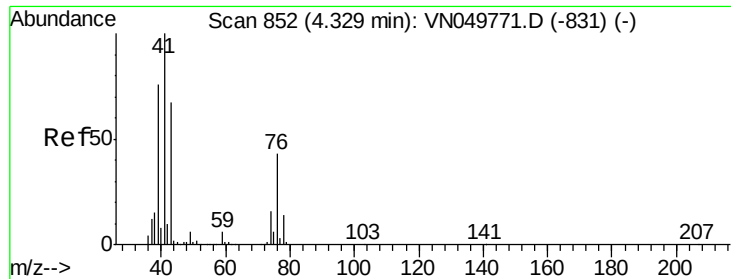
58 28.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

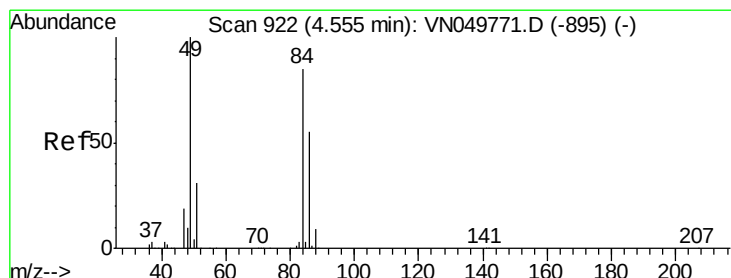
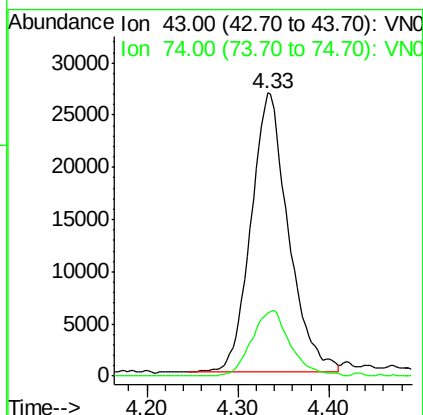
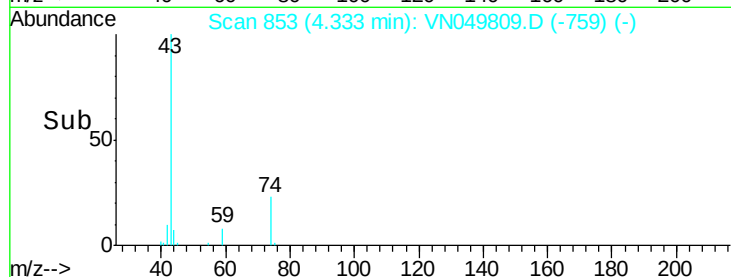
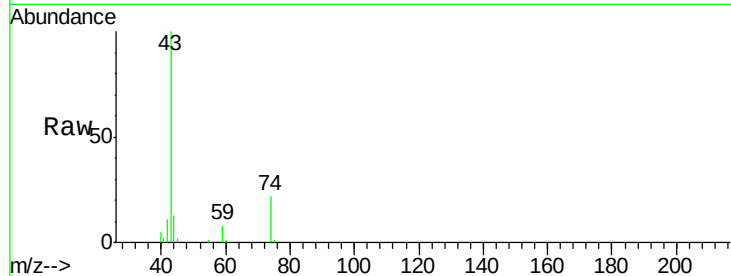




#18
Methvl Acetate
Concen: 6.31 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

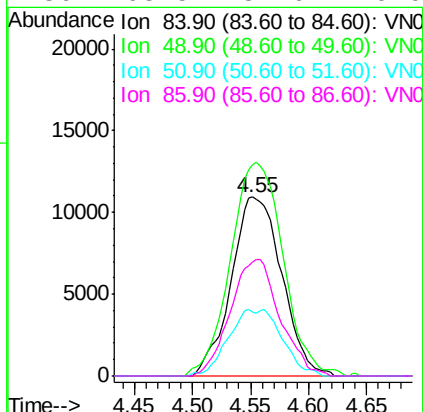
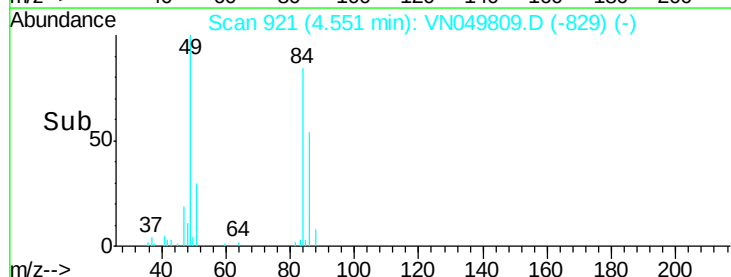
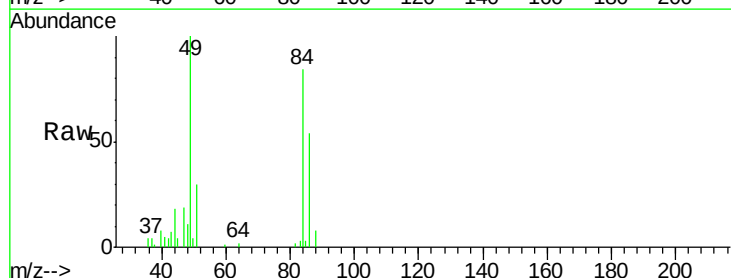
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#12

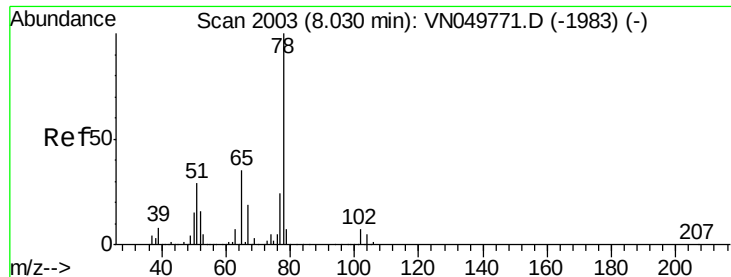
Tot Ion: 43 Resp: 76335
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



#20
Methylene Chloride
Concen: 1.57 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

Tgt Ion: 84 Resp: 33145
Ion Ratio Lower Upper
84 100
49 116.1 95.4 143.2
51 36.1 28.4 42.6
86 63.5 52.6 79.0

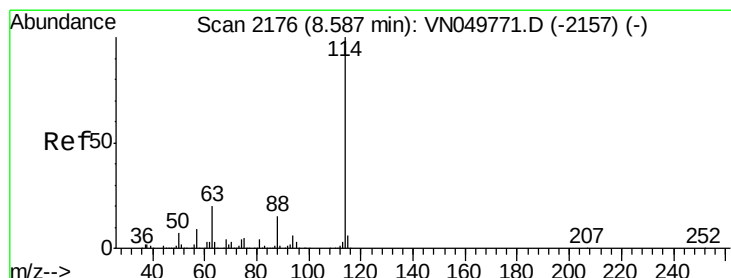
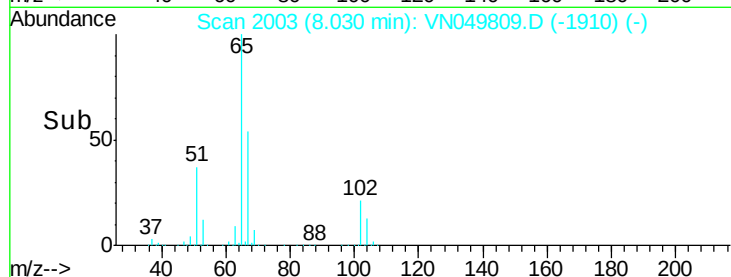
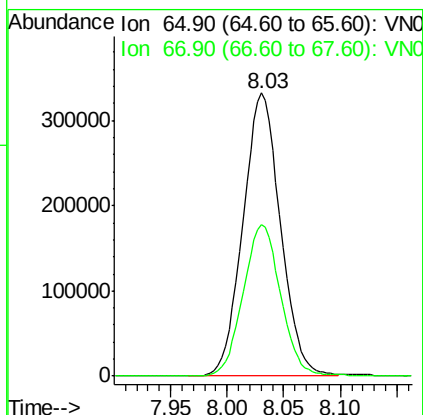
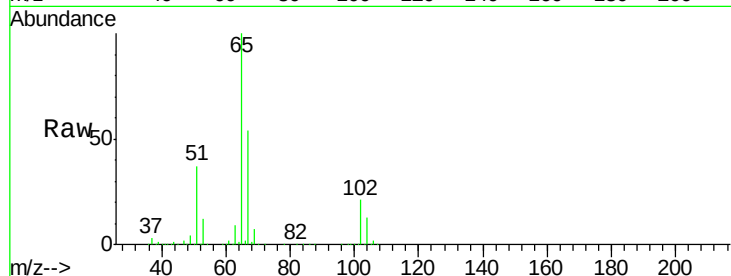




#33
 1,2-Dichloroethane-d4
 Concen: 58.29 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049809.D
 Acq: 13 Jul 2018 20:29

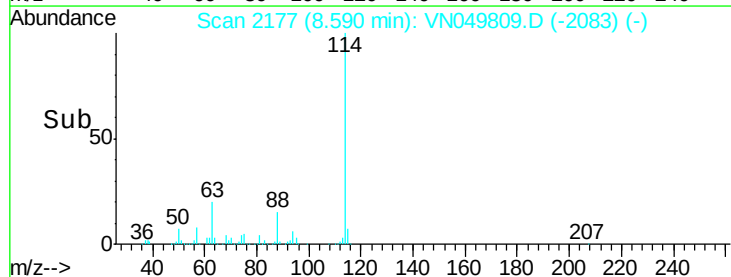
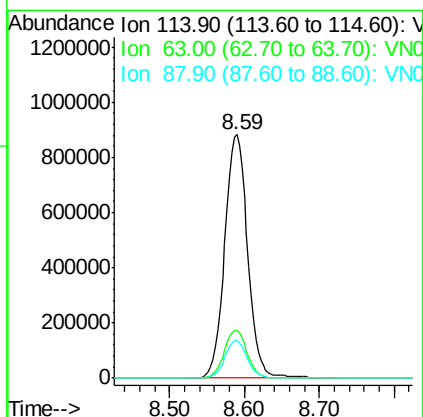
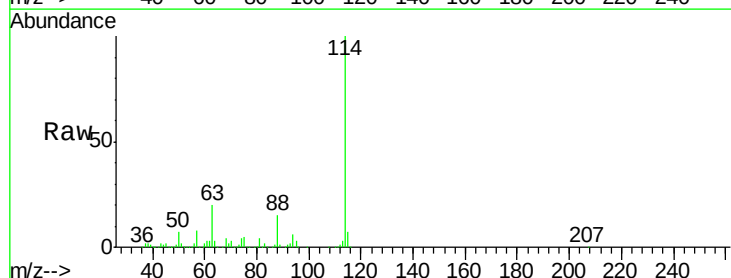
Instrument :
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 ClientSampleId :
 PB111069ZHE#12

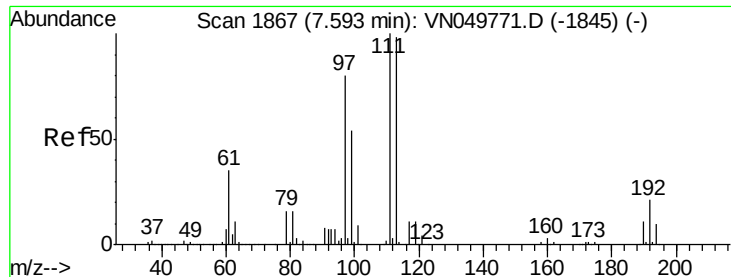
Tot Ion: 65 Resp: 765984
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049809.D
 Acq: 13 Jul 2018 20:29

Tgt Ion: 114 Resp: 1870150
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 30.6

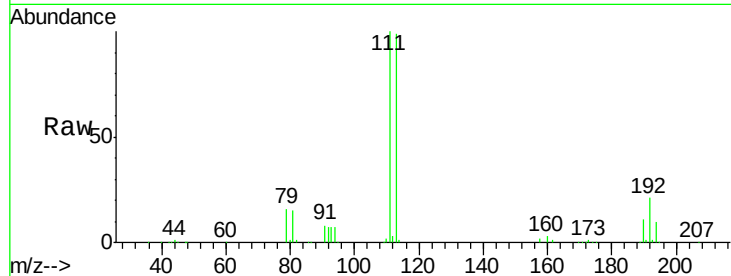




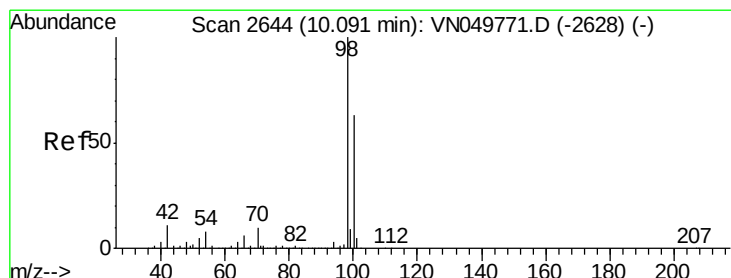
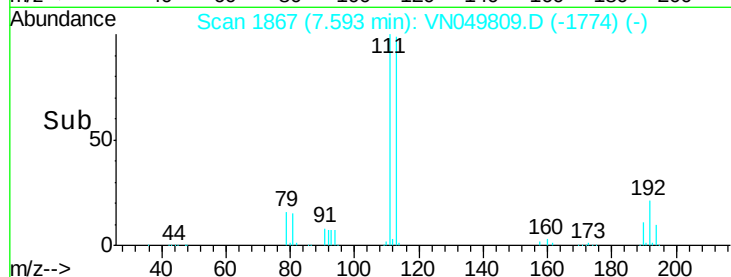
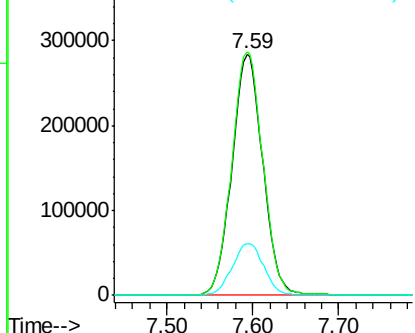
#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#12

Tot Ion:113 Resp: 707809
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 22.1 17.8 26.6

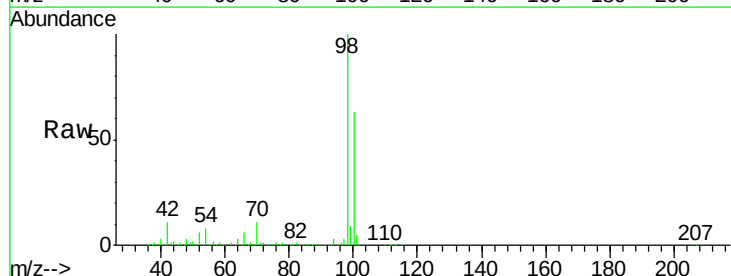


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

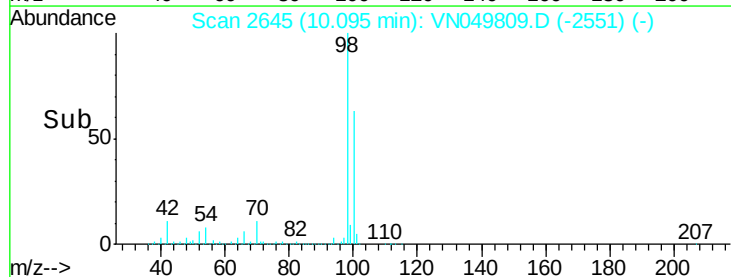
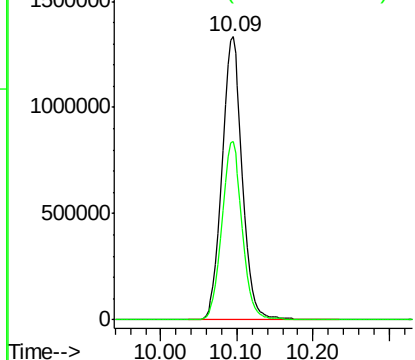


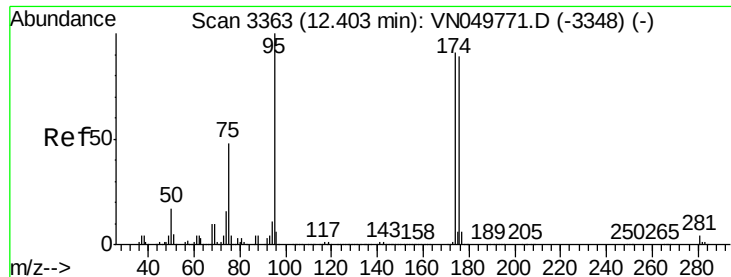
#50
Toluene-d8
Concen: 51.24 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

Tgt Ion: 98 Resp: 2472518
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

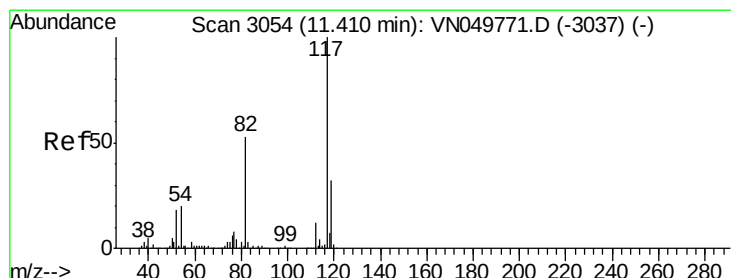
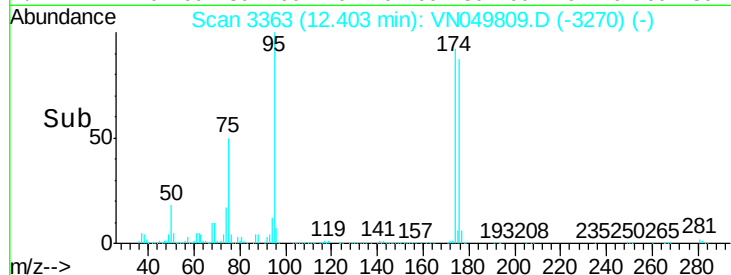
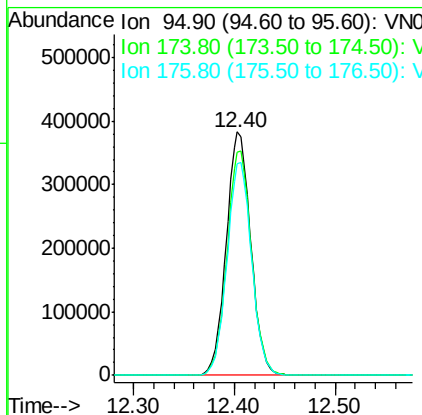
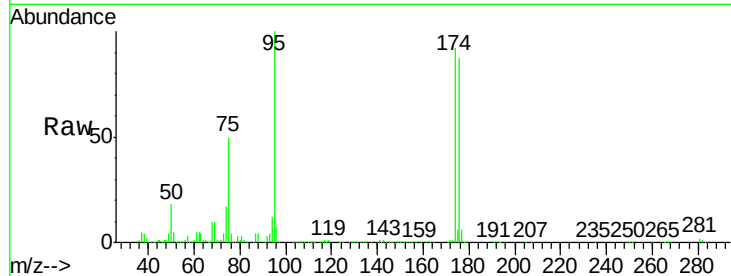




#62
4-Bromofluorobenzene
Concen: 37.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

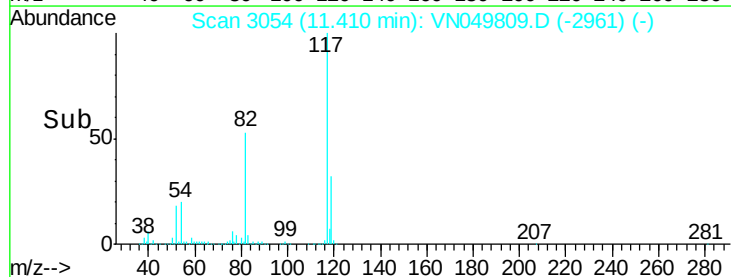
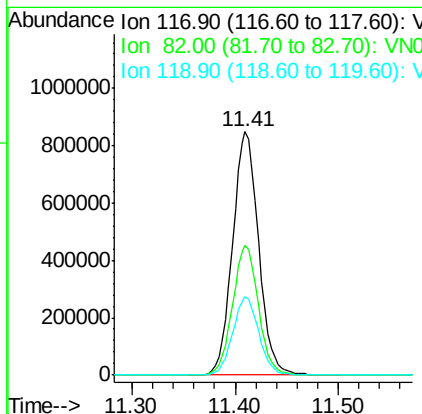
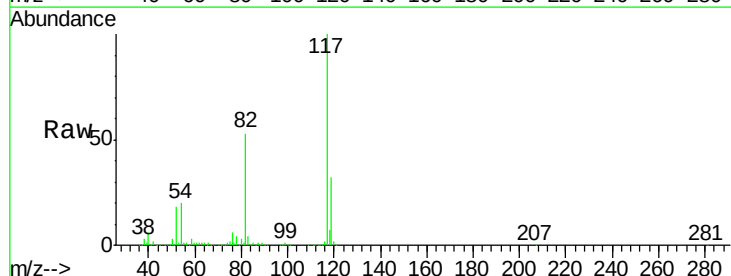
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#12

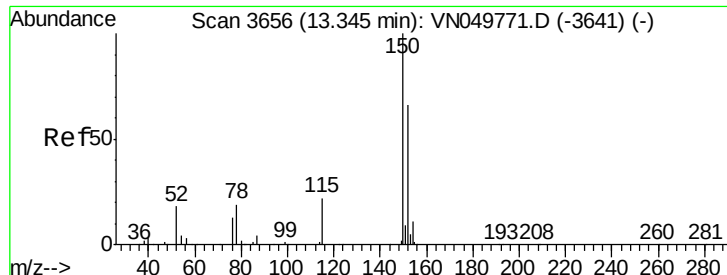
Tot Ion: 95 Resp: 650022
Ion Ratio Lower Upper
95 100
174 92.5 0.0 179.6
176 87.5 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049809.D
Acq: 13 Jul 2018 20:29

Tgt Ion: 117 Resp: 1491344
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 32.0 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: VN049809.D

Acq: 13 Jul 2018 20:29

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#12

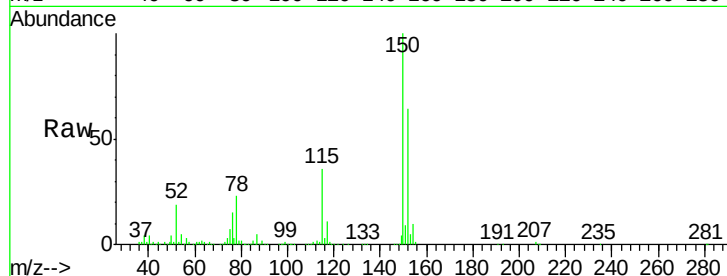
Tot Ion:152 Resp: 516897

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 157.2 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

