

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050524.D
 Acq On : 10 Aug 2018 17:51
 Operator : MD\SY
 Sample : PB111921ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#03

Quant Time: Aug 11 00:56:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	673036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	976891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	390042	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	464940	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	427314	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1524255	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	12.40	95	448458	39.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.34%	

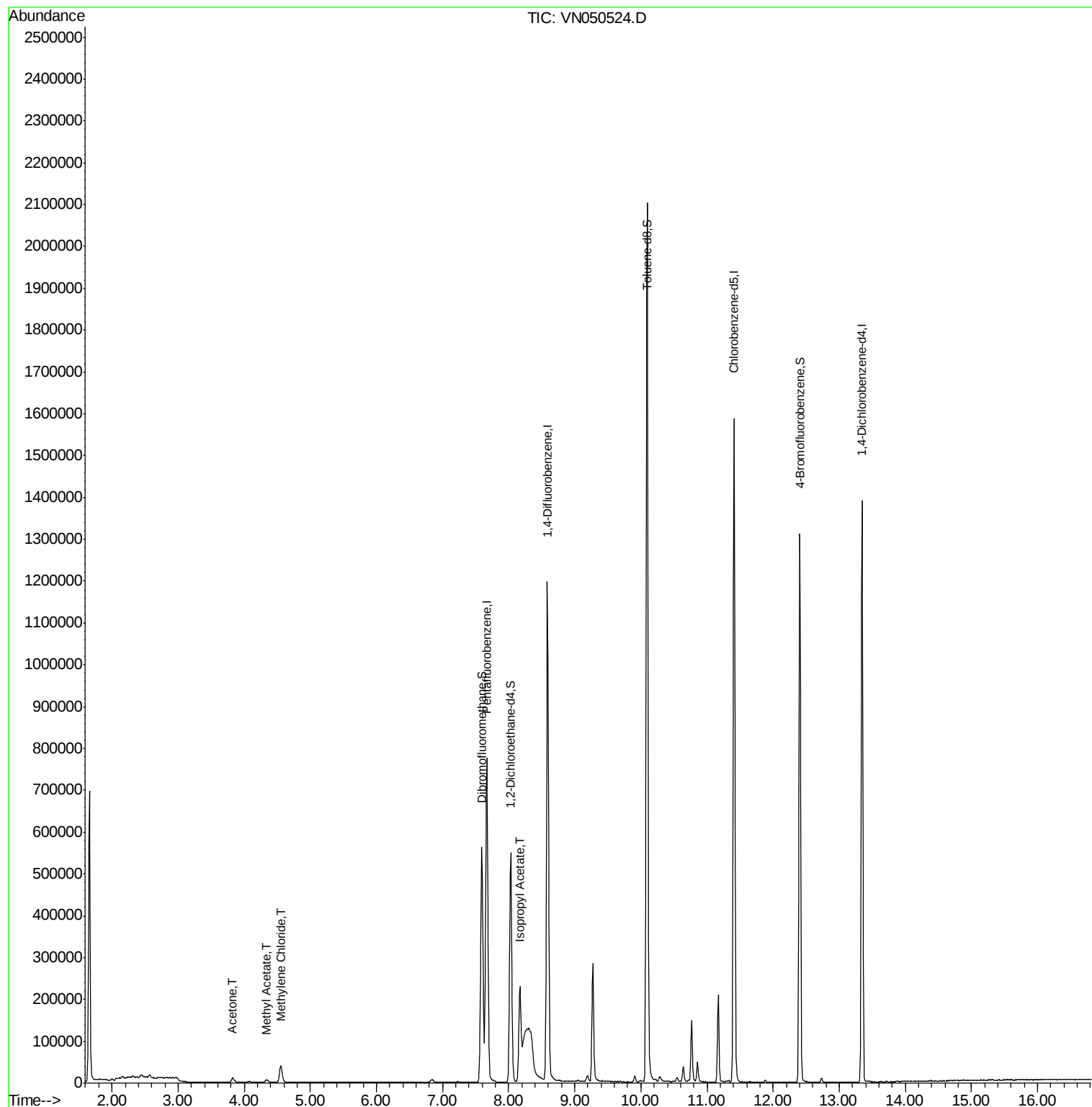
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20530	7.31	ug/l	98
18) Methyl Acetate	4.33	43	10509	1.32	ug/l	96
20) Methylene Chloride	4.55	84	29646	2.13	ug/l	97
43) Isopropyl Acetate	8.17	43	287582	18.91	ug/l	99

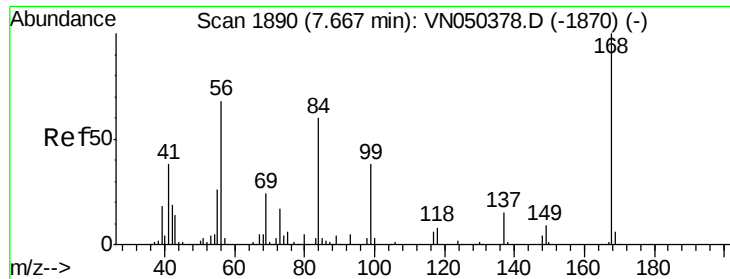
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050524.D

Acq: 10 Aug 2018 17:51

Instrument :

MSVOA_N

ClientSampleId :

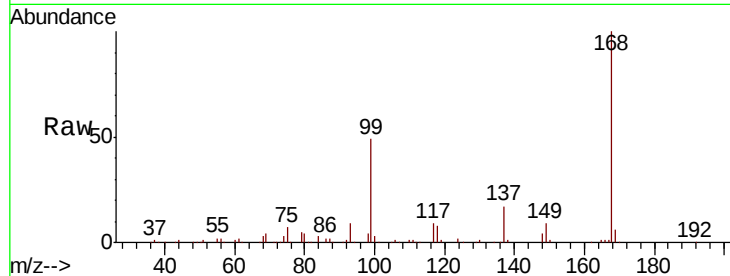
PB111921ZHE#03

Tot Ion:168 Resp: 673036

Ion Ratio Lower Upper

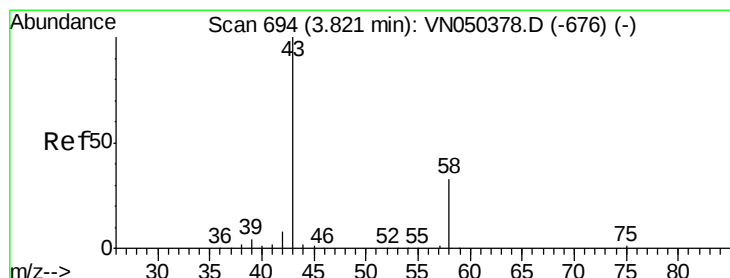
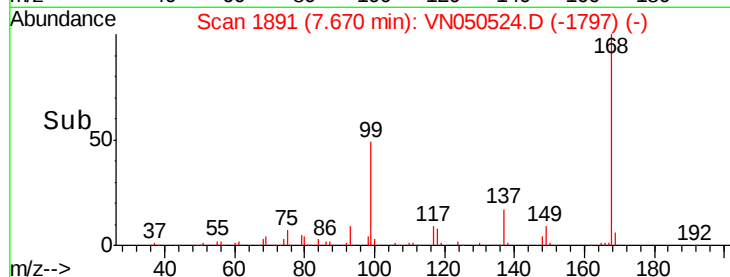
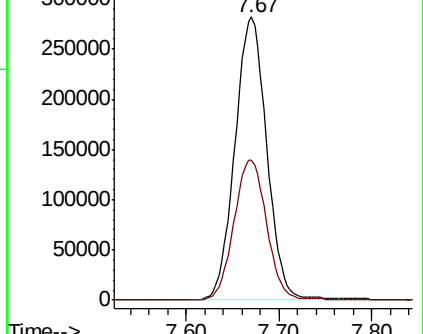
168 100

99 49.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.31 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050524.D

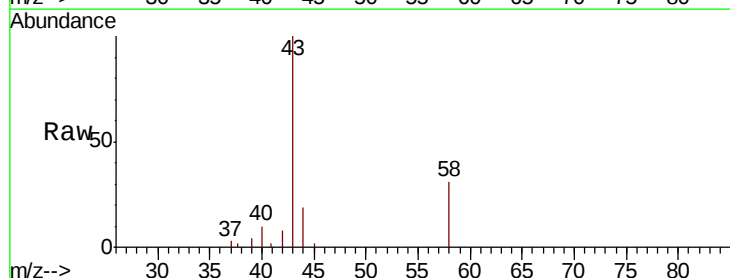
Acq: 10 Aug 2018 17:51

Tgt Ion: 43 Resp: 20530

Ion Ratio Lower Upper

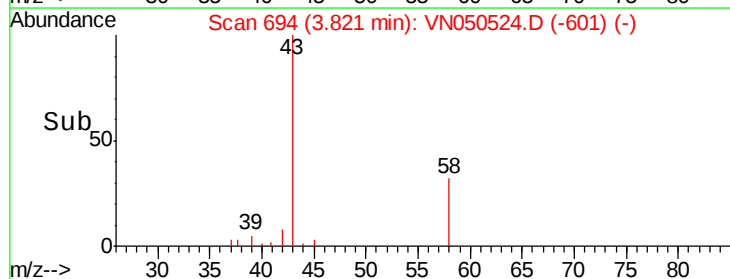
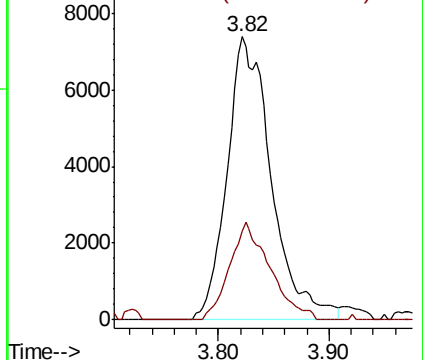
43 100

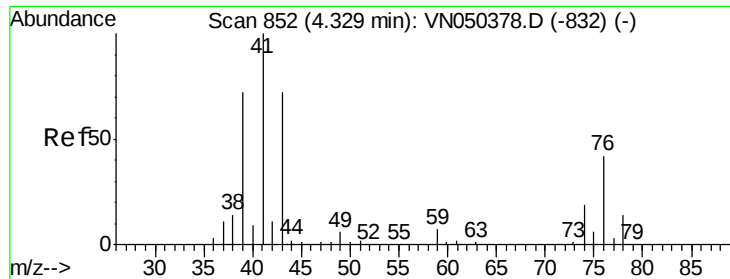
58 31.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

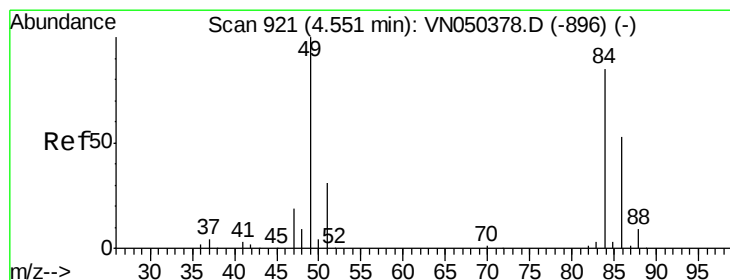
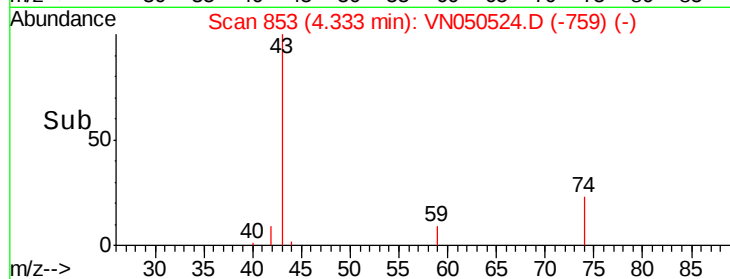
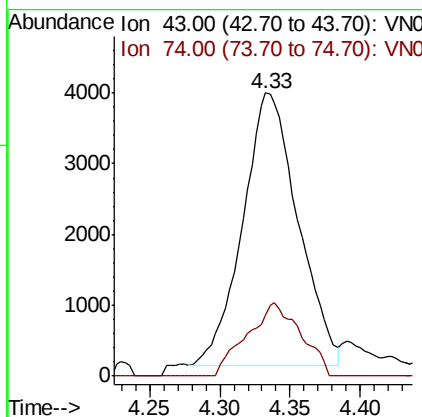
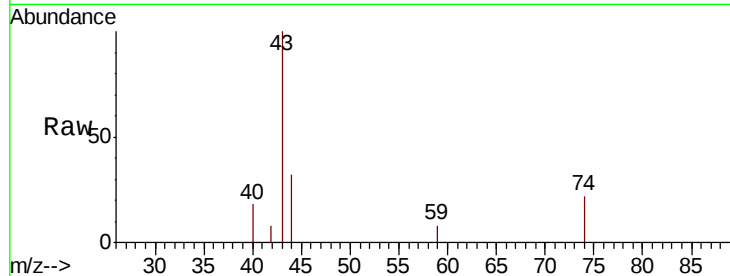




#18
Methyl Acetate
Concen: 1.32 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

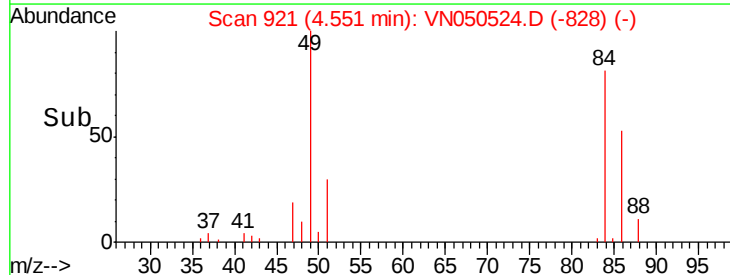
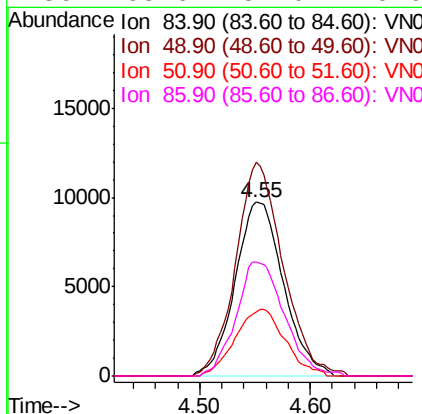
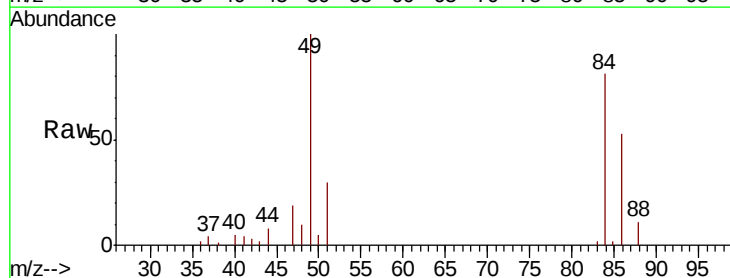
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#03

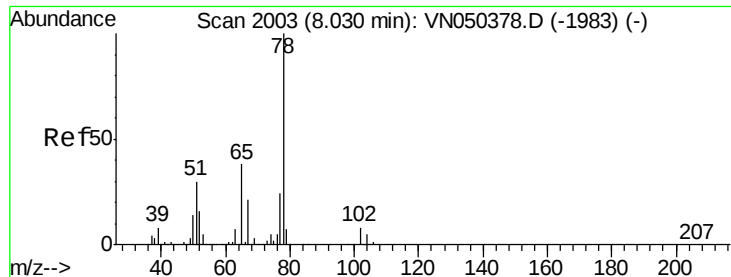
Tot Ion: 43 Resp: 10509
Ion Ratio Lower Upper
43 100
74 26.1 19.2 28.8



#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

Tgt Ion: 84 Resp: 29646
Ion Ratio Lower Upper
84 100
49 122.8 94.8 142.2
51 36.7 28.3 42.5
86 65.6 51.0 76.6

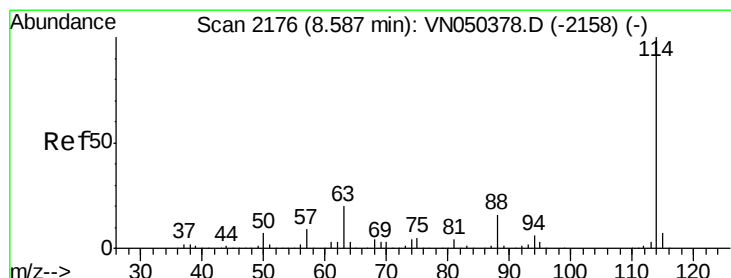
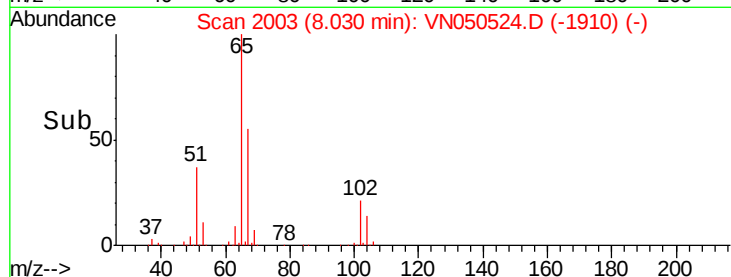
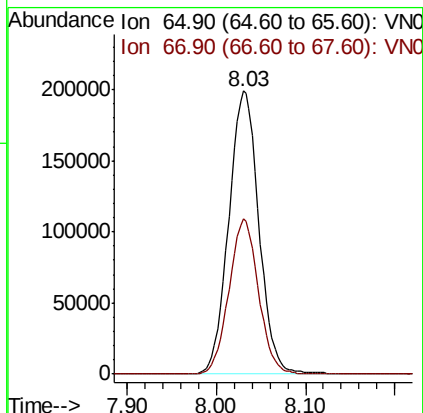
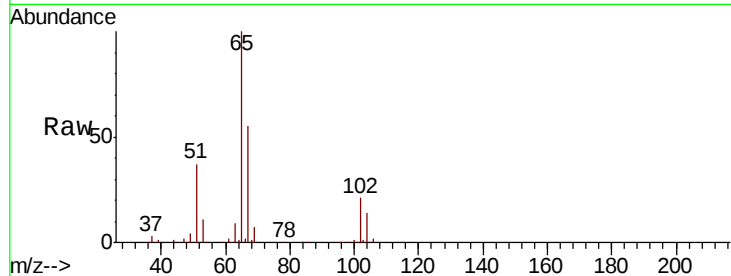




#33
 1,2-Dichloroethane-d4
 Concen: 51.70 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050524.D
 Acq: 10 Aug 2018 17:51

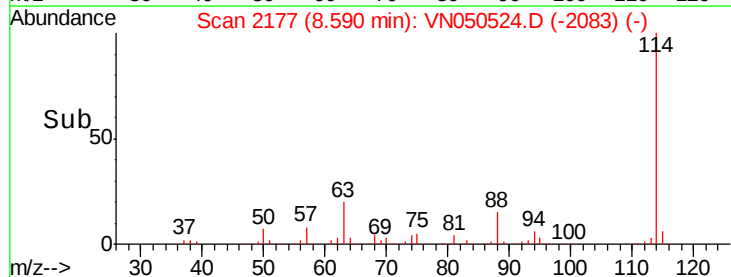
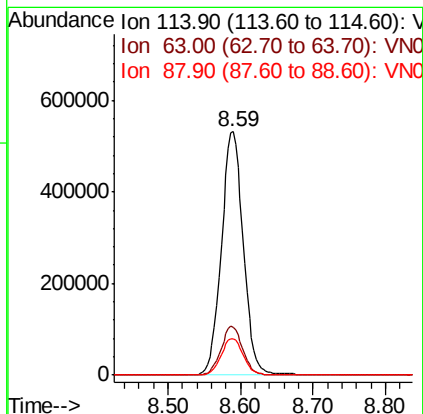
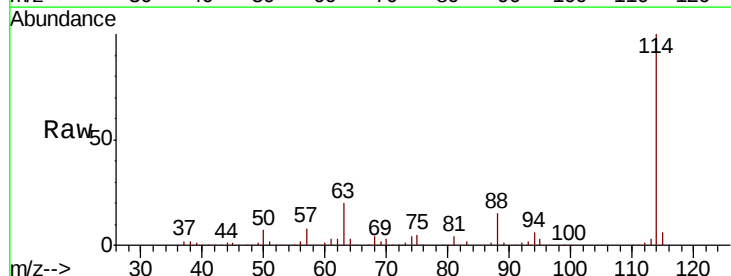
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#03

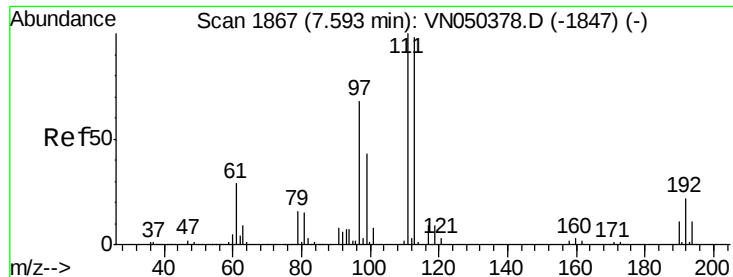
Tot Ion: 65 Resp: 464940
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050524.D
 Acq: 10 Aug 2018 17:51

Tgt Ion: 114 Resp: 1113355
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.1 0.0 31.2

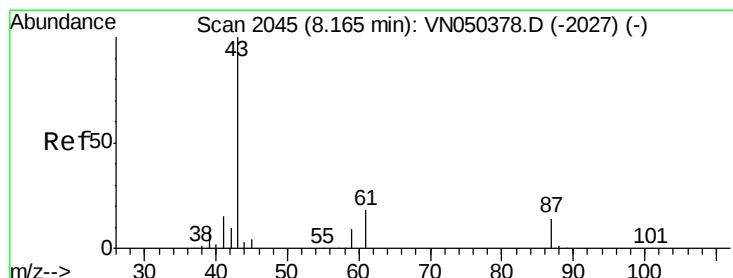
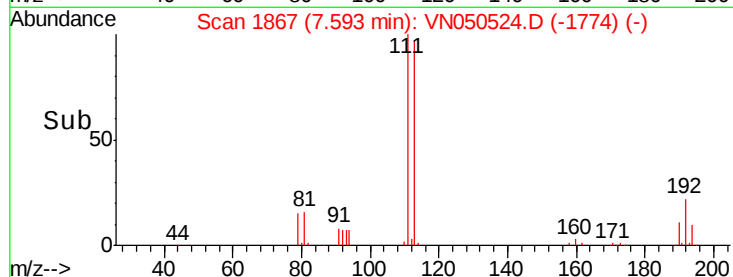
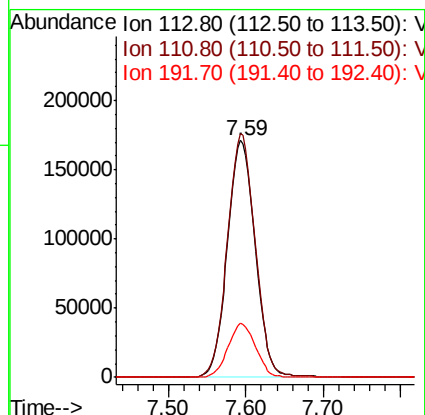
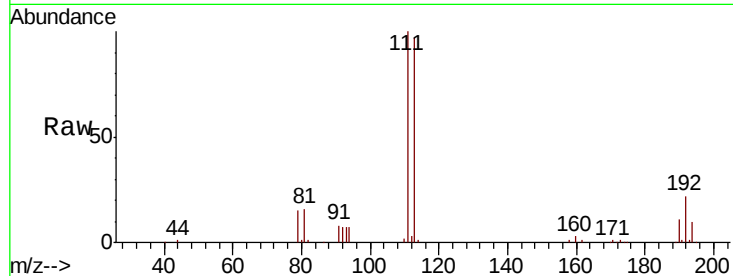




#35
 Dibromofluoromethane
 Concen: 47.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050524.D
 Acq: 10 Aug 2018 17:51

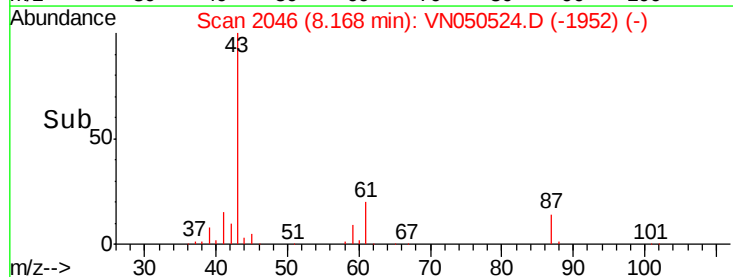
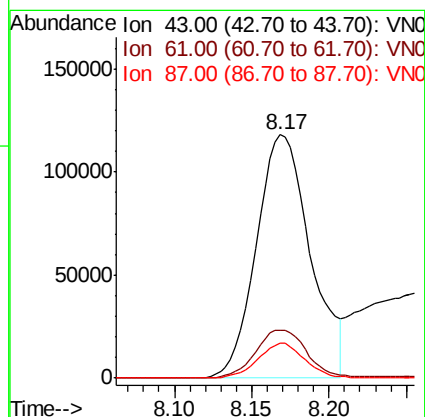
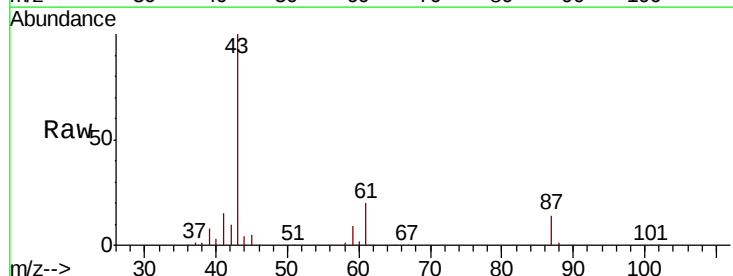
Instrument :
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 ClientSampleId :
 PB111921ZHE#03

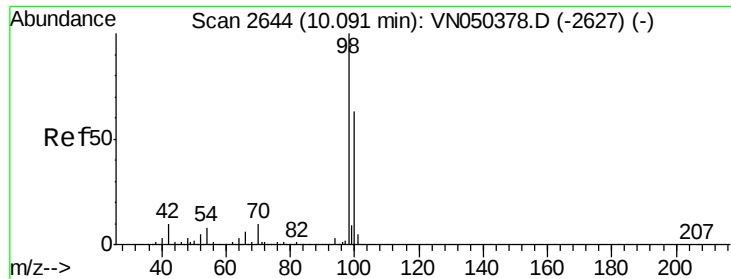
Tot Ion:113 Resp: 427314
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.5 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 18.91 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050524.D
 Acq: 10 Aug 2018 17:51

Tgt Ion: 43 Resp: 287582
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.8 23.6
 87 12.6 10.3 15.5

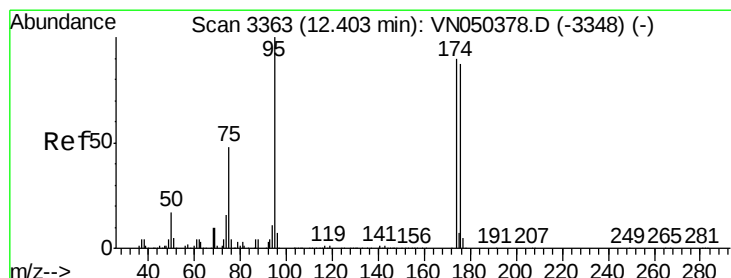
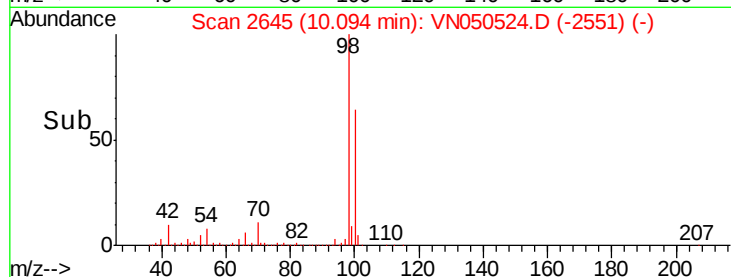
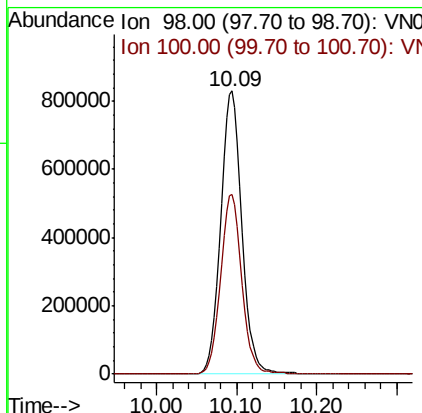
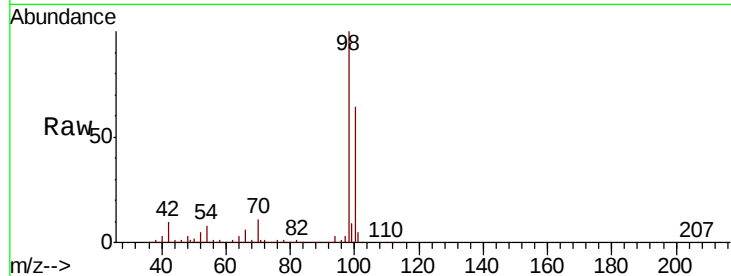




#50
Toluene-d8
Concen: 45.38 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

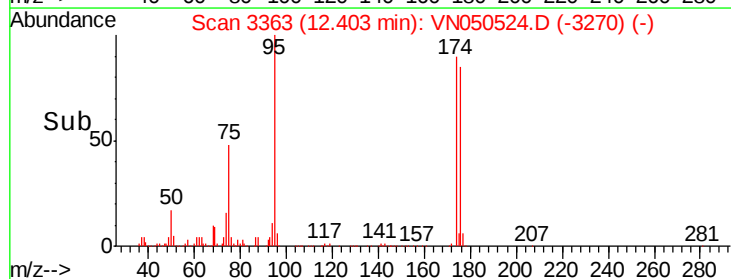
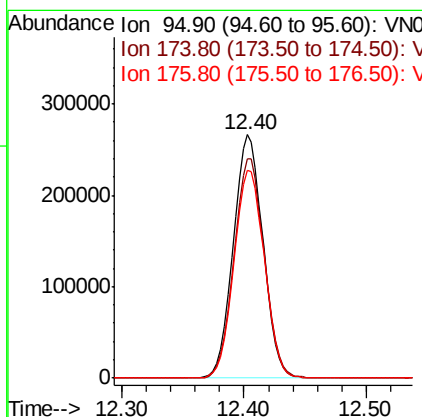
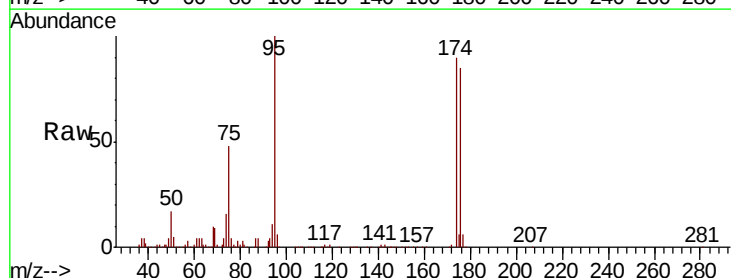
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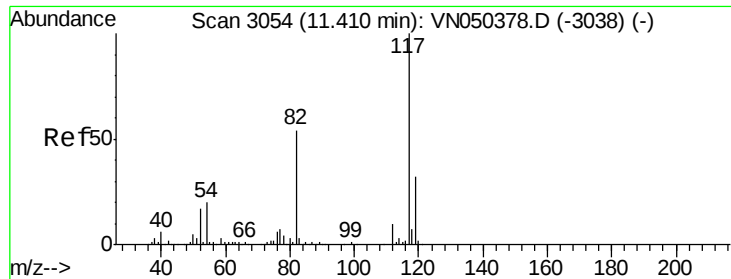
Tot Ion: 98 Resp: 1524255
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.17 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

Tgt Ion: 95 Resp: 448458
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 87.5 0.0 173.4

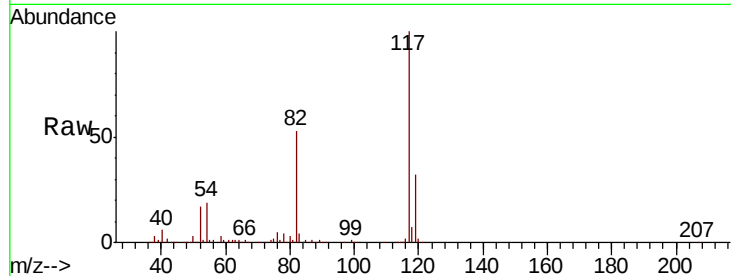




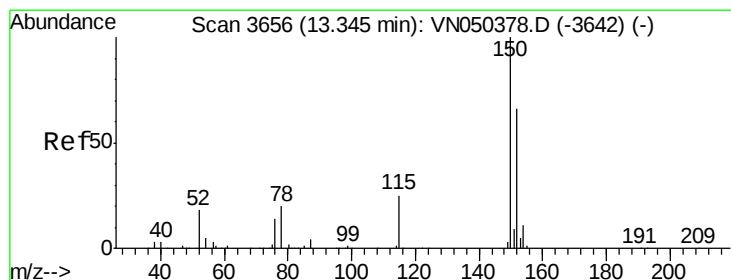
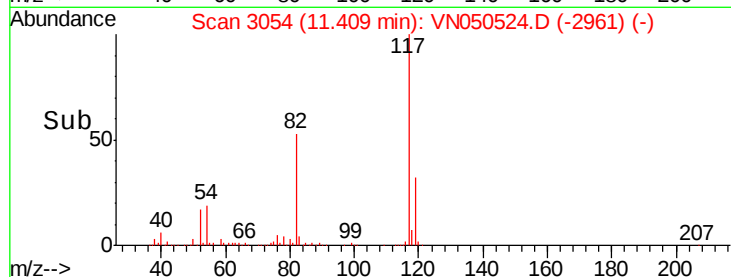
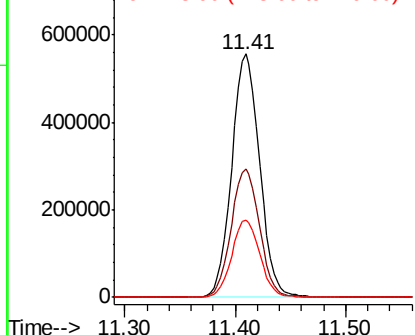
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#03

Tot Ion:117 Resp: 976891
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.0 26.1 39.1

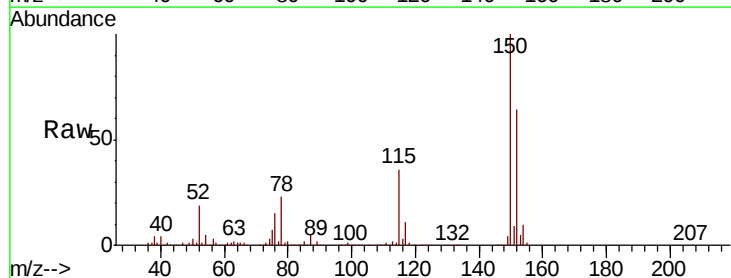


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050524.D
Acq: 10 Aug 2018 17:51

Tgt Ion:152 Resp: 390042
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 156.2 0.0 348.6



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

