

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050464.D
 Acq On : 8 Aug 2018 17:18
 Operator : MD\SY
 Sample : PB111846ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#04

Quant Time: Aug 09 01:22:10 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	809803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1269435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1110352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	463277	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	519721	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
35) Dibromofluoromethane	7.60	113	469754	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
50) Toluene-d8	10.09	98	1740746	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.40	95	532023	40.76	ug/l	0.00
Spiked Amount			Recovery	=	81.52%	

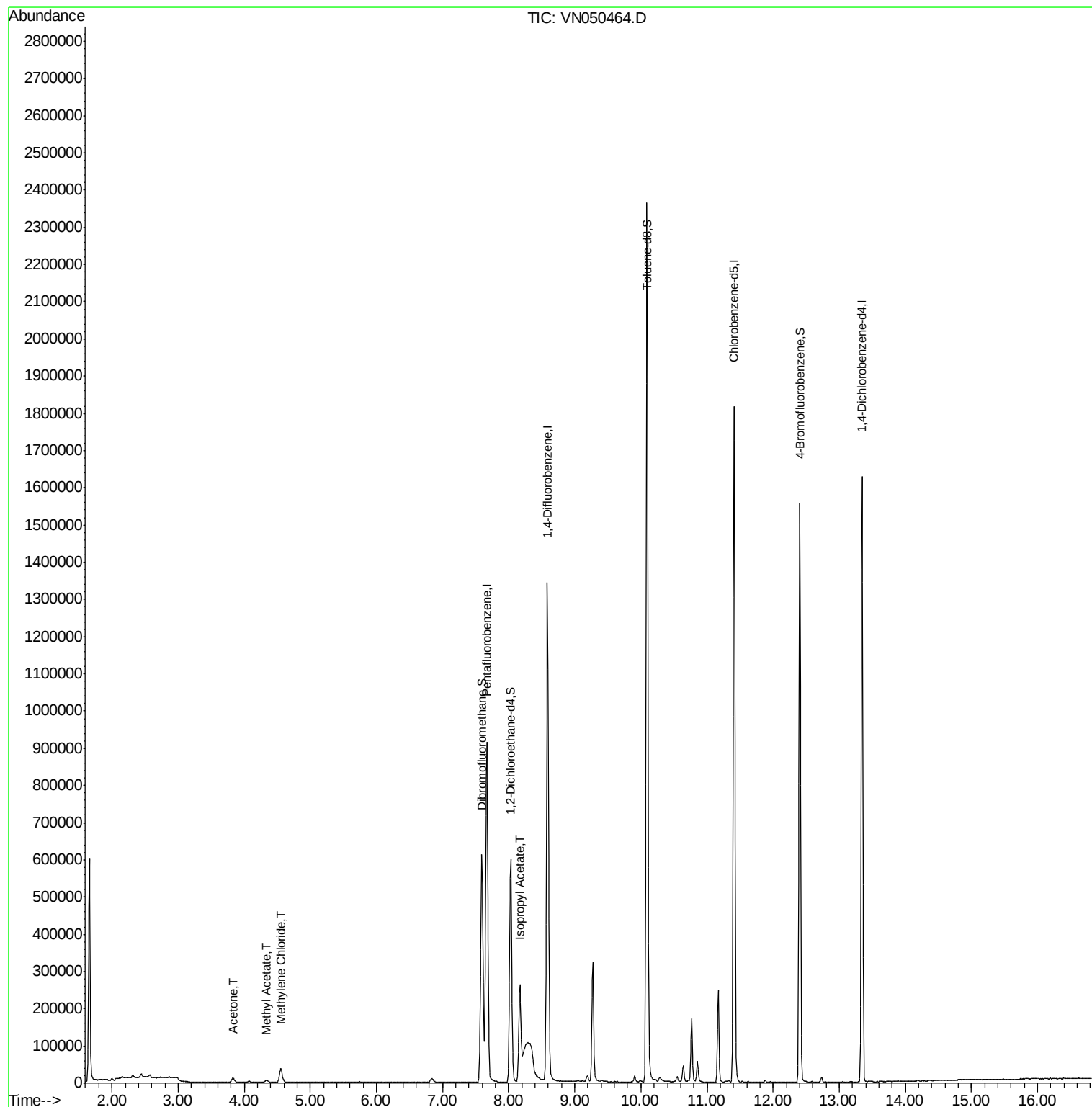
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23354	6.89	ug/l	97
18) Methyl Acetate	4.33	43	13700	1.45	ug/l	98
20) Methylene Chloride	4.55	84	29525	1.49	ug/l #	94
43) Isopropyl Acetate	8.17	43	330561	19.06	ug/l	99

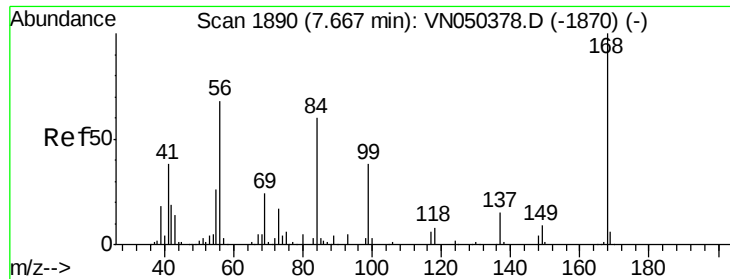
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050464.D

Acq: 8 Aug 2018 17:18

Instrument :

MSVOA_N

ClientSampleId :

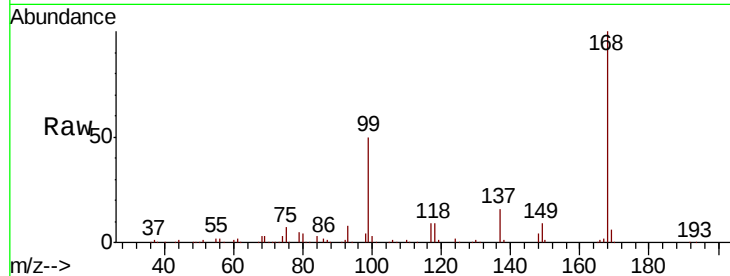
PB111846ZHE#04

Tot Ion:168 Resp: 809803

Ion Ratio Lower Upper

168 100

99 49.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

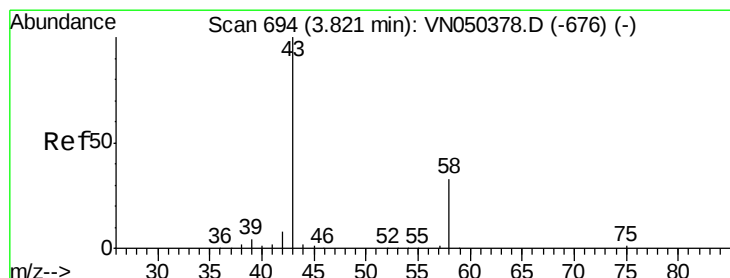
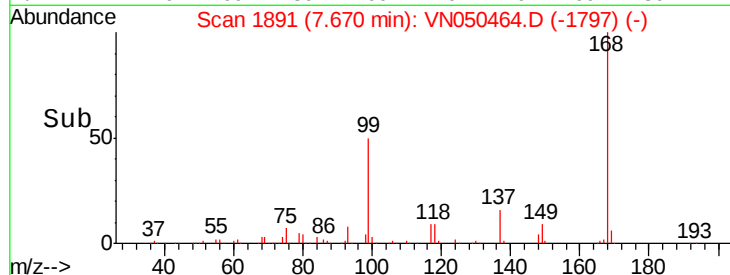
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.89 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050464.D

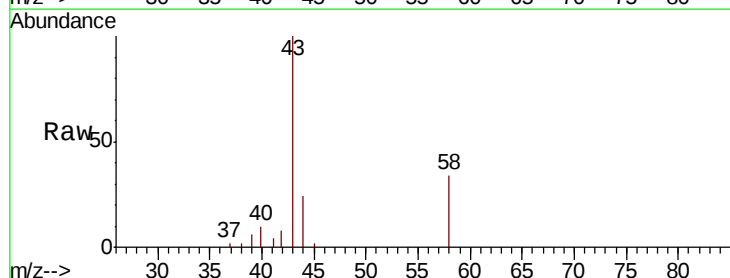
Acq: 8 Aug 2018 17:18

Tgt Ion: 43 Resp: 23354

Ion Ratio Lower Upper

43 100

58 33.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

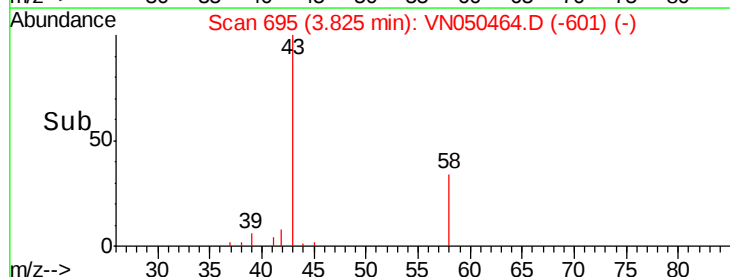
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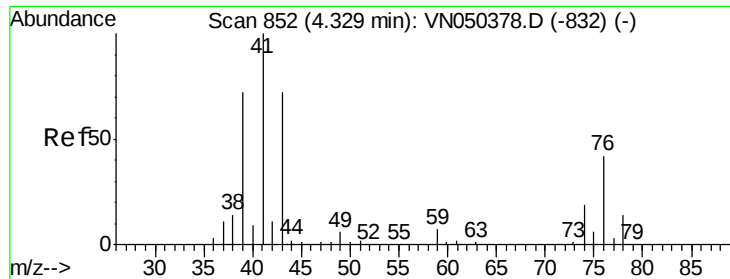
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0

Time-->

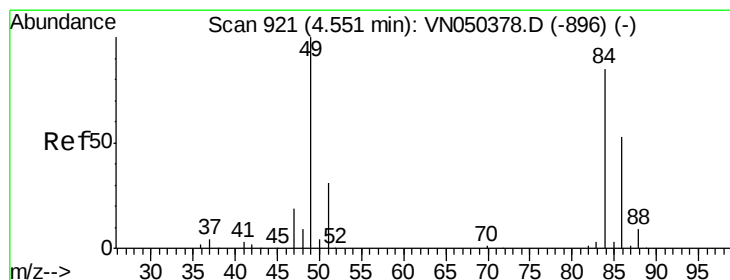
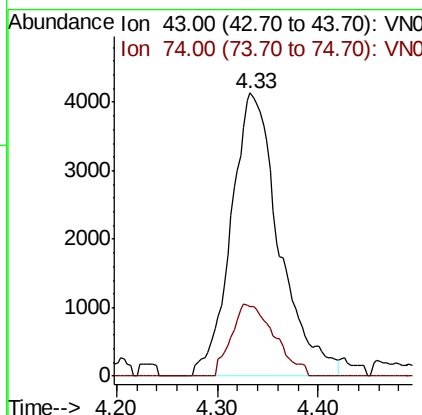
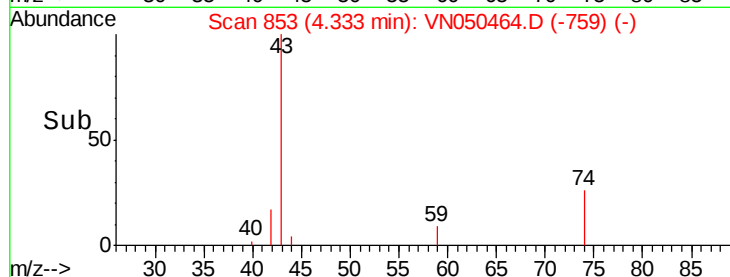
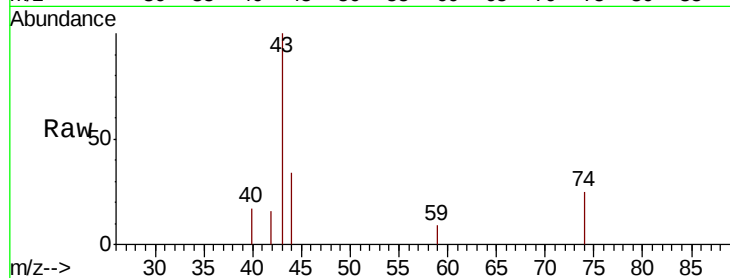




#18
Methyl Acetate
Concen: 1.45 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

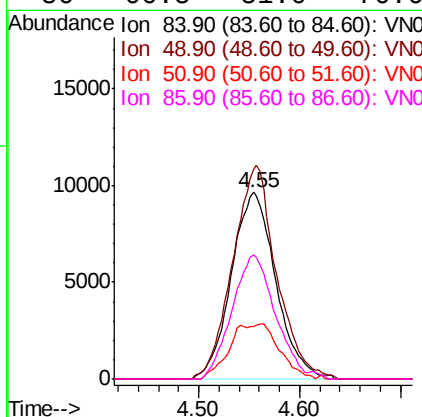
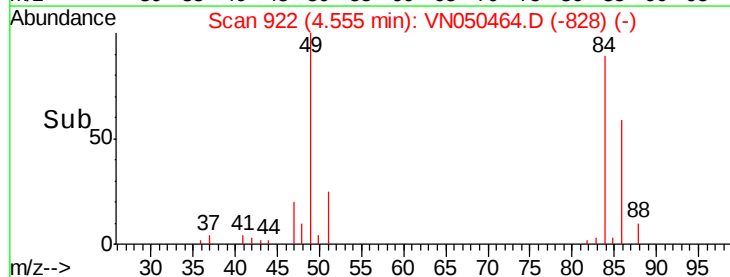
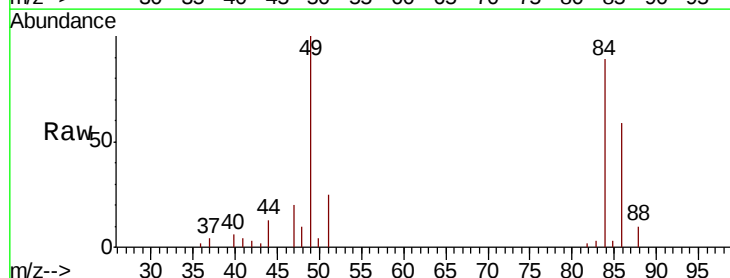
Instrument :
MSVOA_N
ClientSampleId :
PB111846ZHE#04

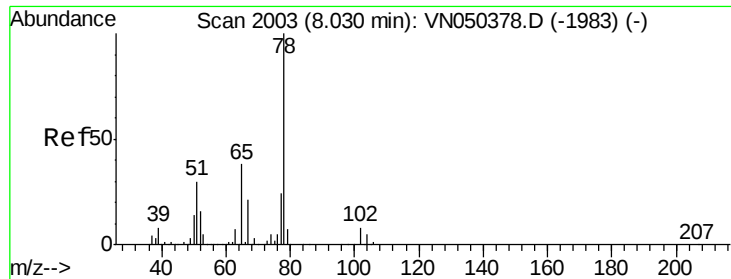
Tot Ion: 43 Resp: 13700
Ion Ratio Lower Upper
43 100
74 22.8 19.2 28.8



#20
Methylene Chloride
Concen: 1.49 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

Tgt Ion: 84 Resp: 29525
Ion Ratio Lower Upper
84 100
49 112.5 94.8 142.2
51 28.2 28.3 42.5#
86 66.5 51.0 76.6

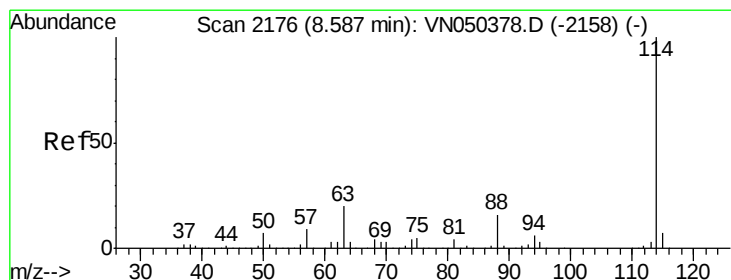
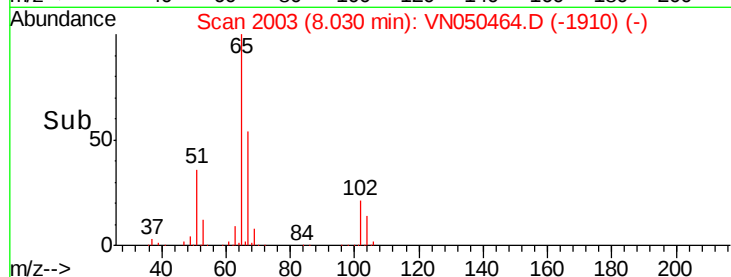
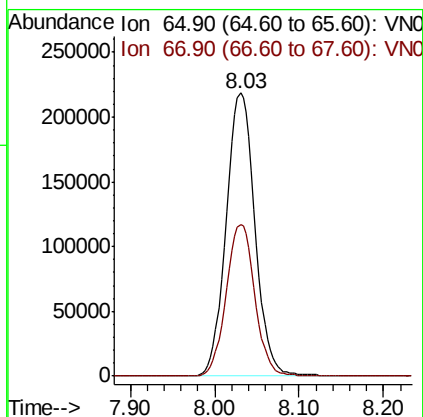
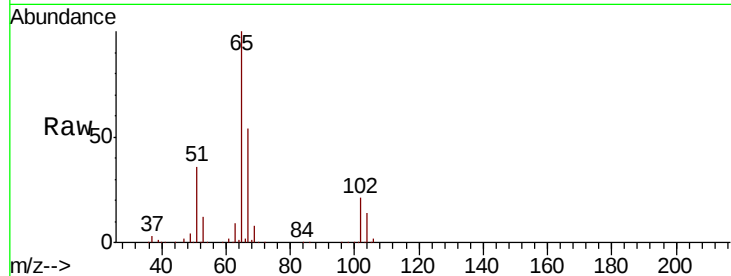




#33
 1,2-Dichloroethane-d4
 Concen: 48.03 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050464.D
 Acq: 8 Aug 2018 17:18

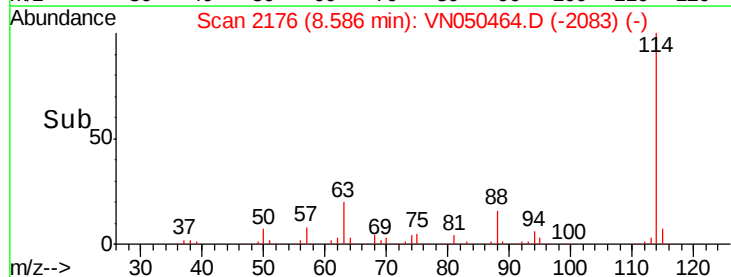
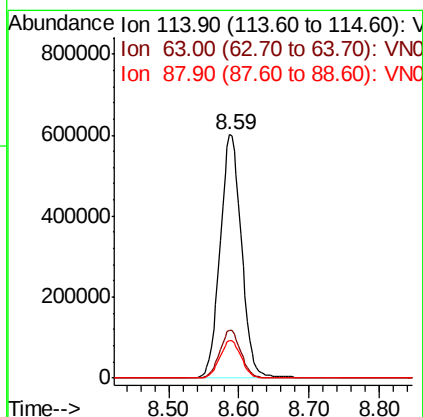
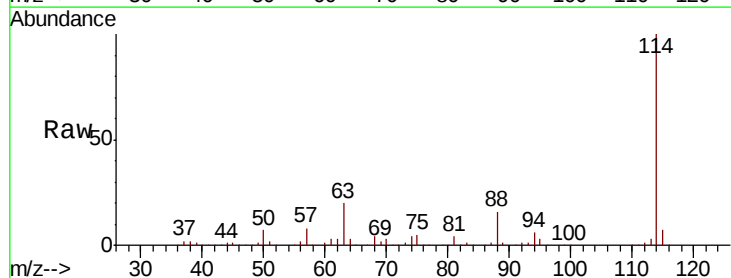
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#04

Tot Ion: 65 Resp: 519721
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050464.D
 Acq: 8 Aug 2018 17:18

Tgt Ion: 114 Resp: 1269435
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2

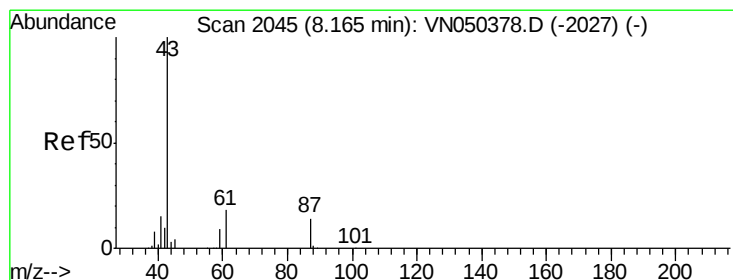
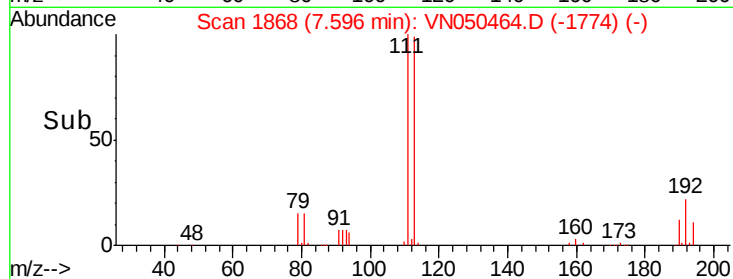
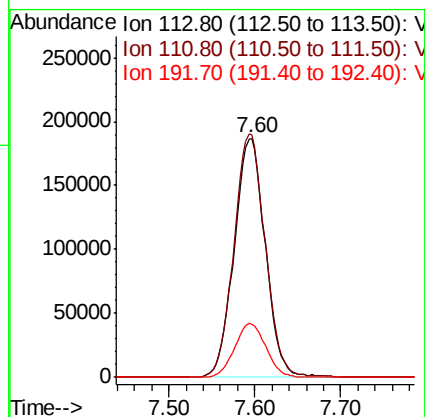
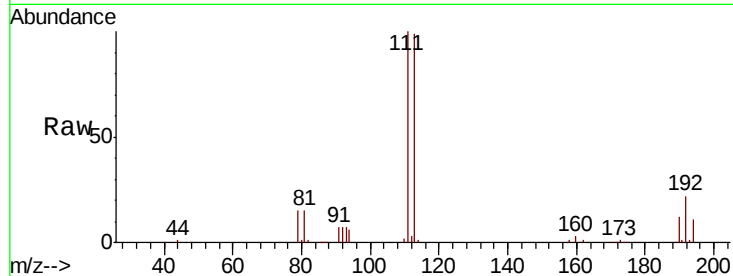




#35
 Dibromofluoromethane
 Concen: 46.12 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050464.D
 Acq: 8 Aug 2018 17:18

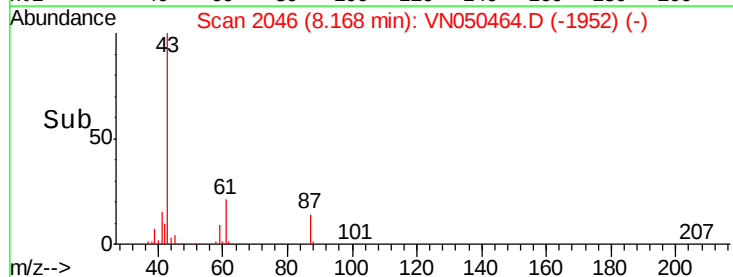
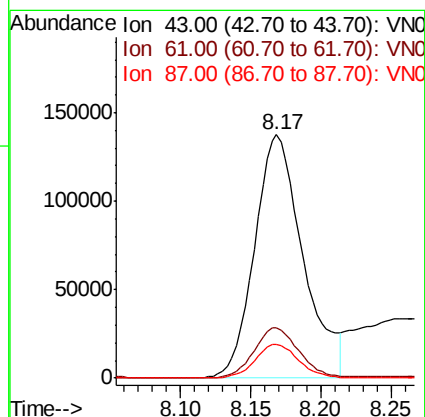
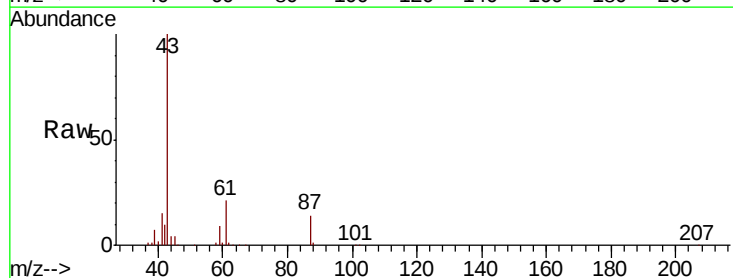
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846ZHE#04

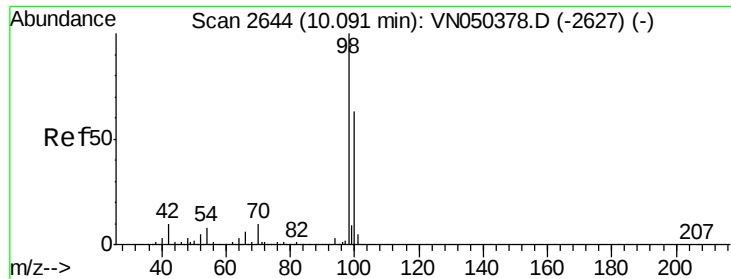
Tot Ion:113 Resp: 469754
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.7 121.1
 192 22.7 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.06 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050464.D
 Acq: 8 Aug 2018 17:18

Tgt Ion: 43 Resp: 330561
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.8 23.6
 87 12.5 10.3 15.5

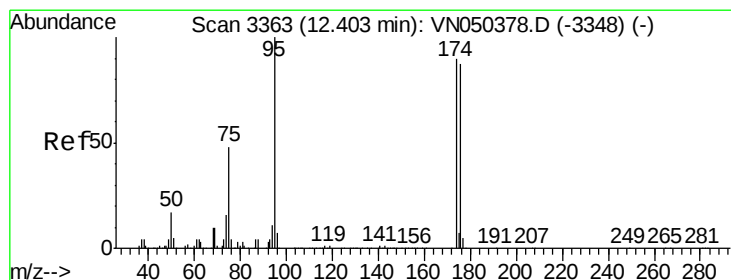
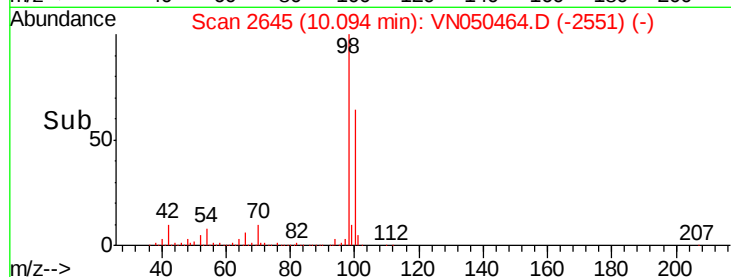
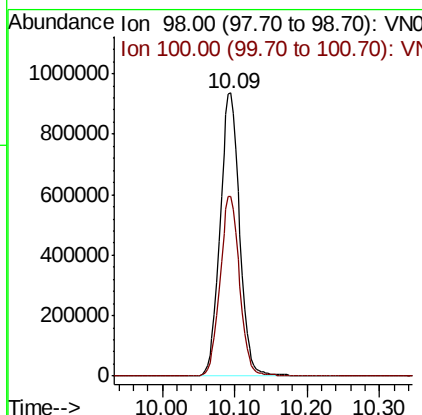
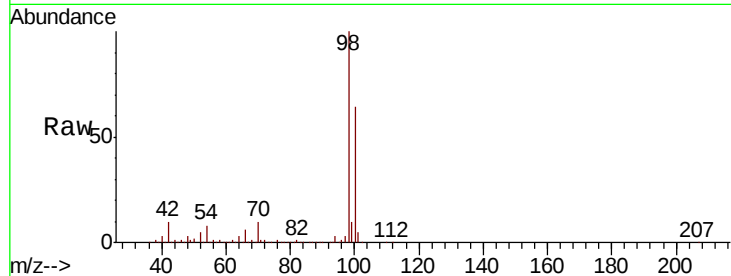




#50
Toluene-d8
Concen: 45.45 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

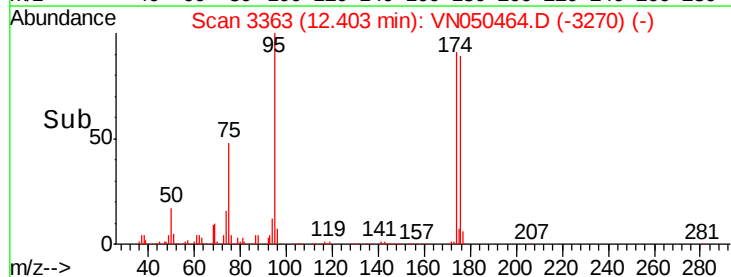
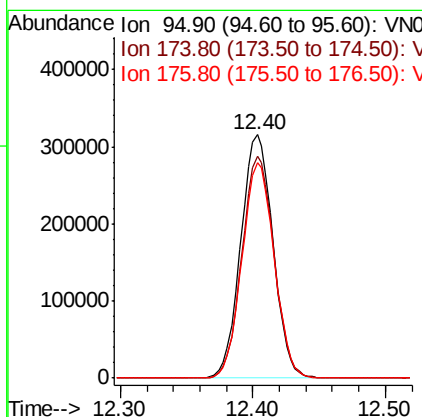
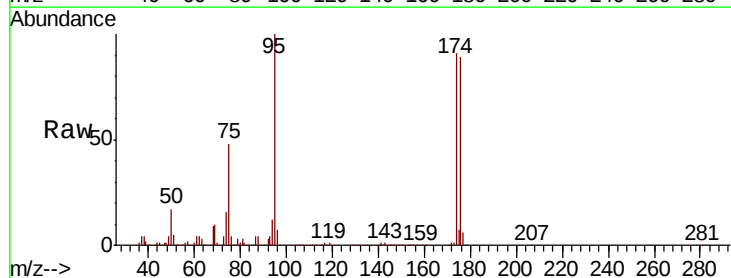
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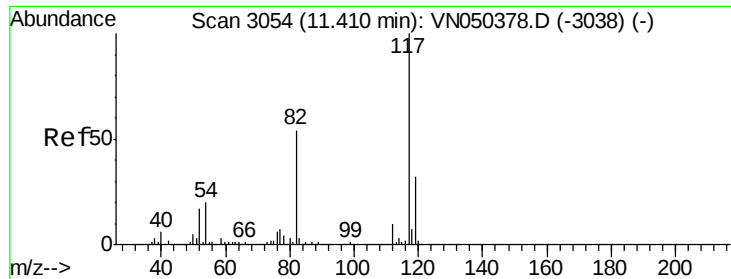
Tot Ion: 98 Resp: 1740746
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

Tgt Ion: 95 Resp: 532023
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 88.6 0.0 173.4

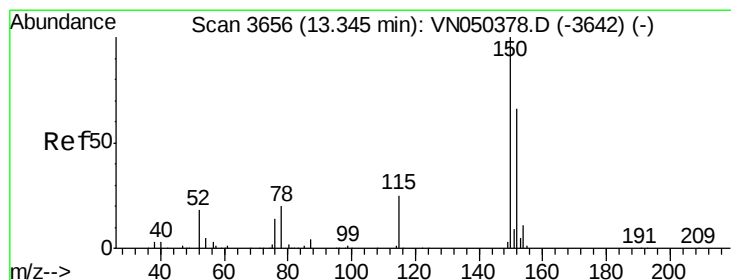
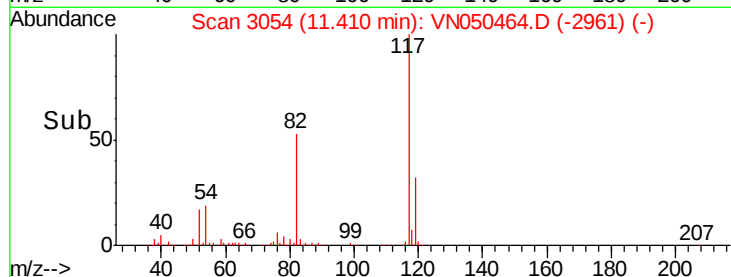
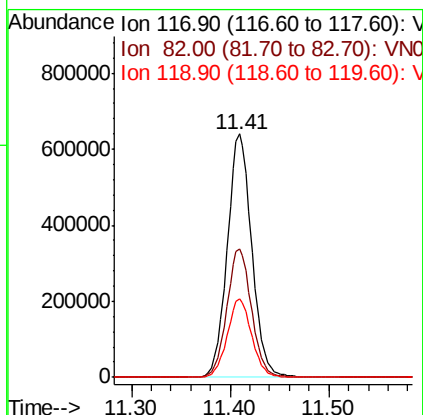
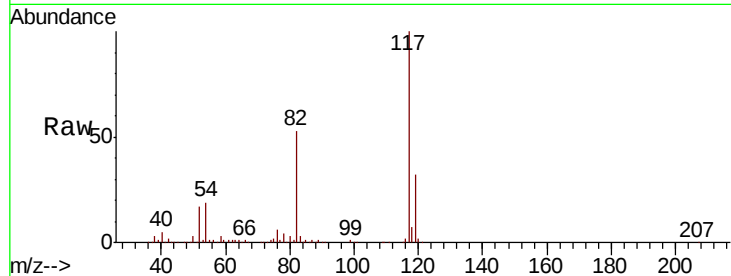




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB111846ZHE#04

Tot Ion:117 Resp: 1110352
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050464.D
Acq: 8 Aug 2018 17:18

Tgt Ion:152 Resp: 463277
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 155.6 0.0 348.6

