

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050521.D
 Acq On : 10 Aug 2018 16:36
 Operator : MD\SY
 Sample : PB111921ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#02

Quant Time: Aug 11 00:38:39 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	690425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1144203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	986579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394684	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	473753	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
35) Dibromofluoromethane	7.59	113	435895	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	10.09	98	1557596	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	452782	38.49	ug/l	0.00
Spiked Amount			Recovery	=	76.98%	

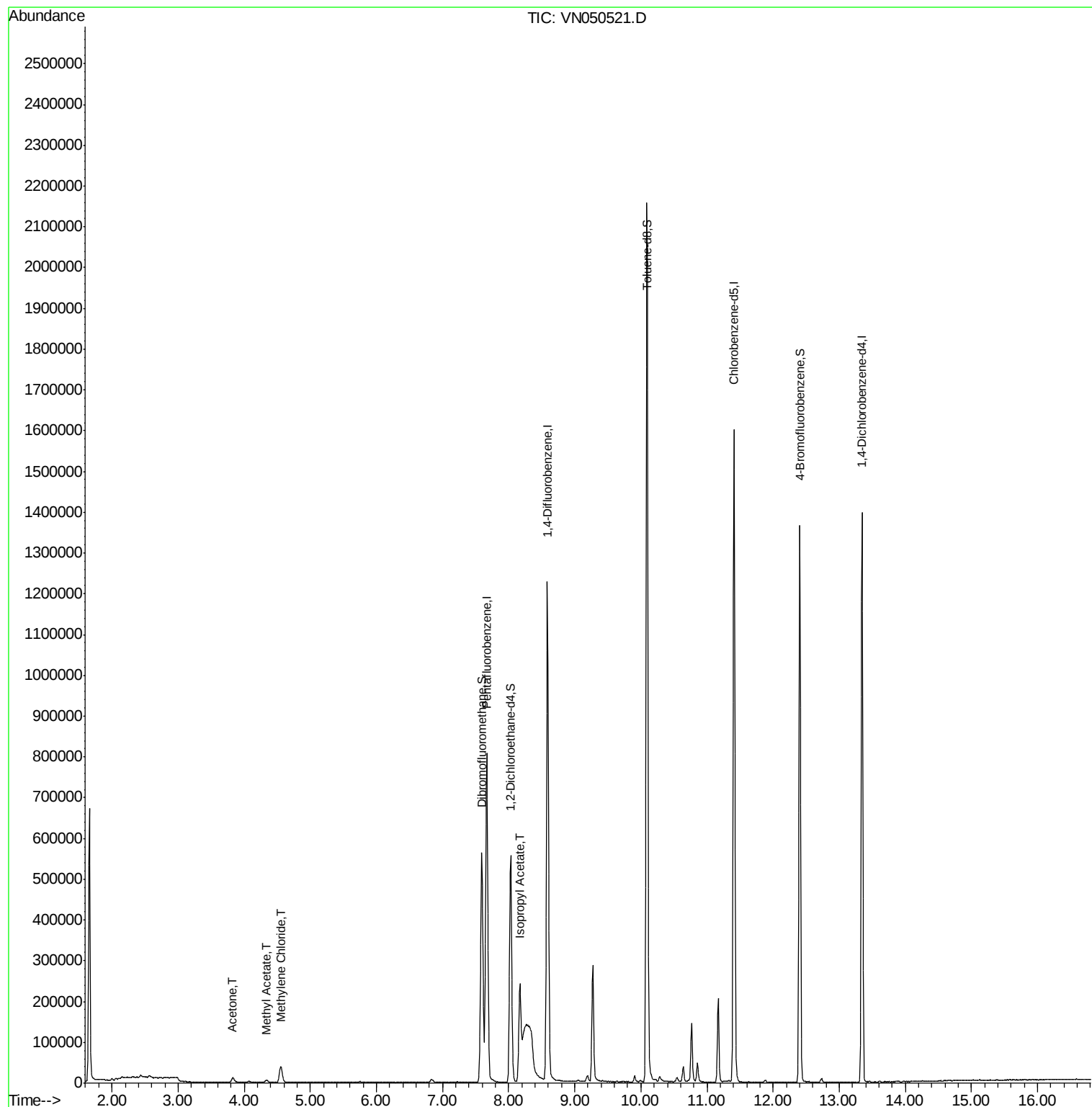
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21161	7.34	ug/l	98
18) Methyl Acetate	4.33	43	11396	1.41	ug/l	96
20) Methylene Chloride	4.55	84	30830	2.18	ug/l	94
43) Isopropyl Acetate	8.17	43	315787	20.21	ug/l	96

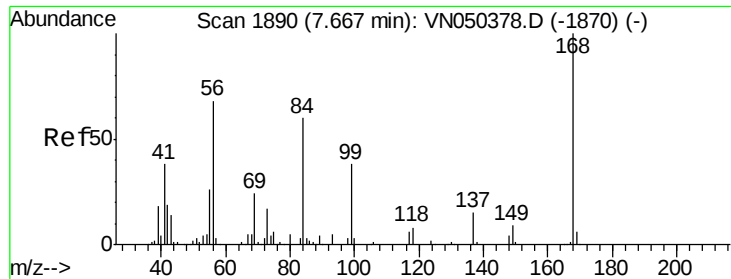
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050521.D

Acq: 10 Aug 2018 16:36

Instrument :

MSVOA_N

ClientSampleId :

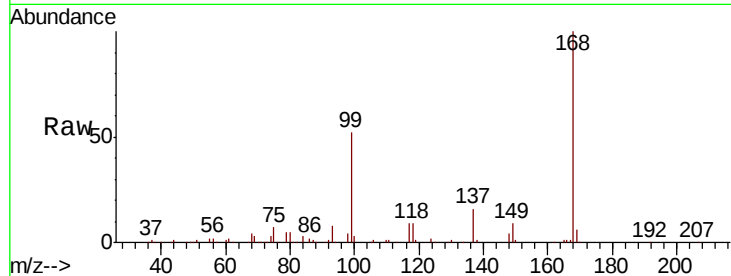
PB111921ZHE#02

Tot Ion:168 Resp: 690425

Ion Ratio Lower Upper

168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

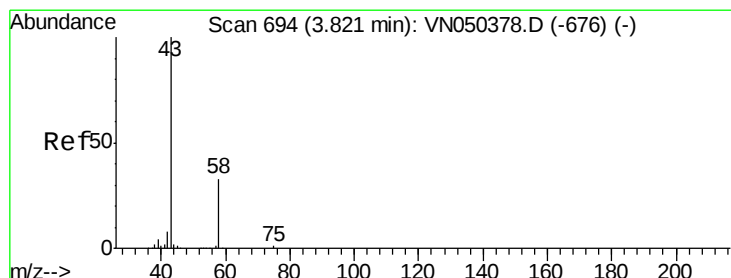
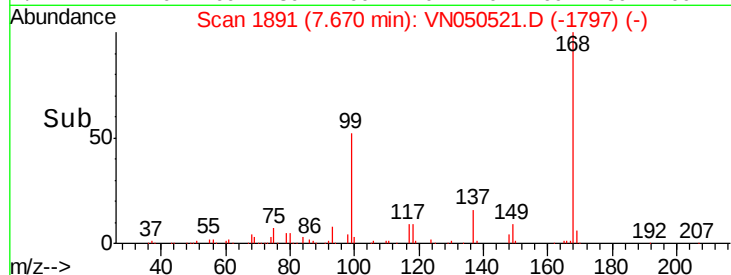
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.34 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050521.D

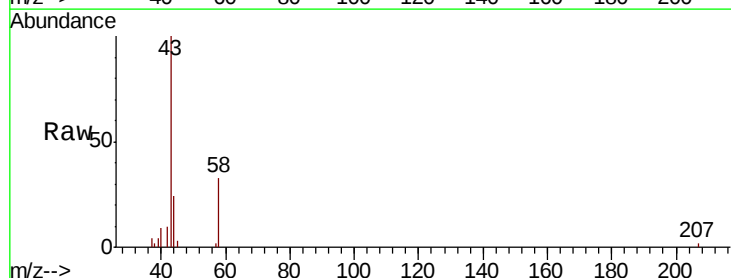
Acq: 10 Aug 2018 16:36

Tgt Ion: 43 Resp: 21161

Ion Ratio Lower Upper

43 100

58 33.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

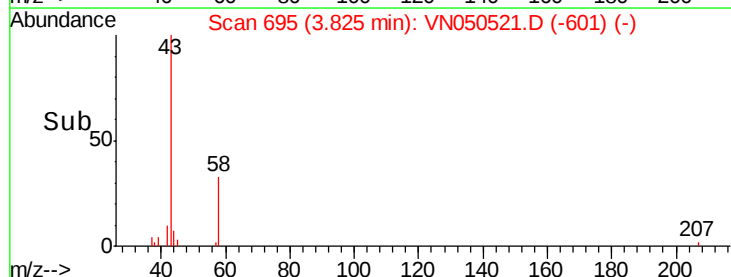
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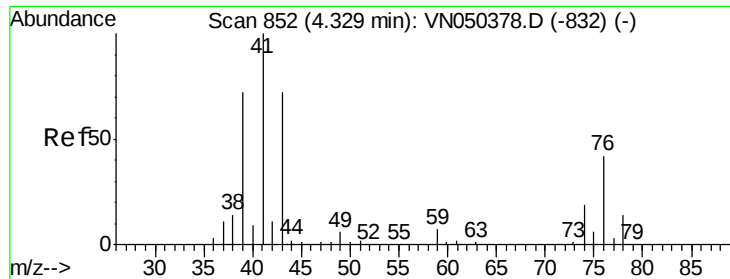
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2000

0

Time-->

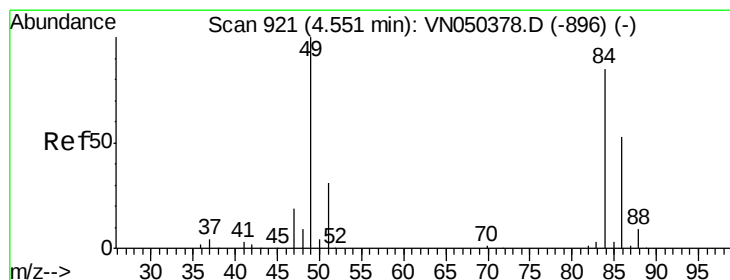
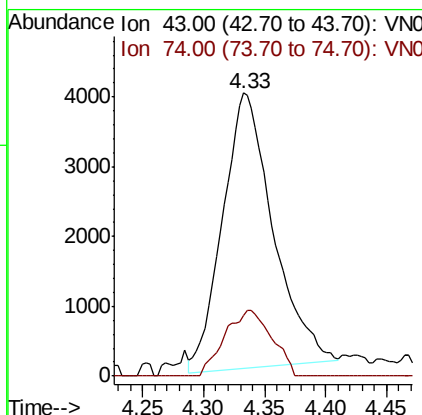
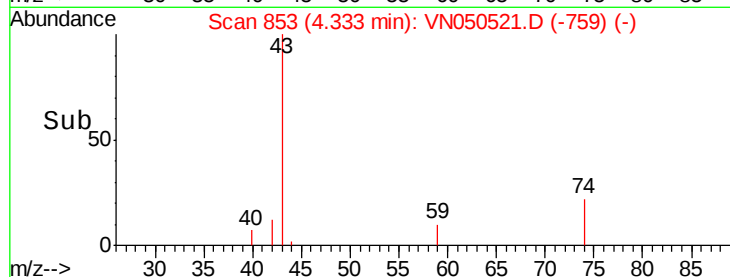
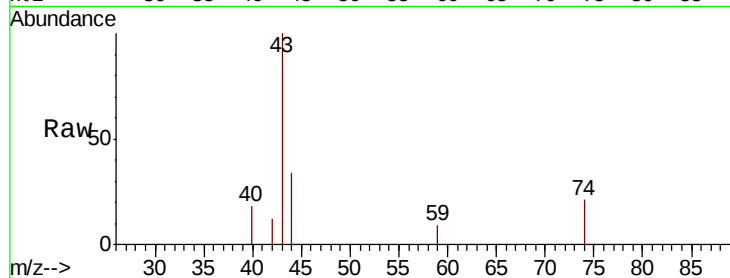




#18
Methyl Acetate
Concen: 1.41 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050521.D
Acq: 10 Aug 2018 16:36

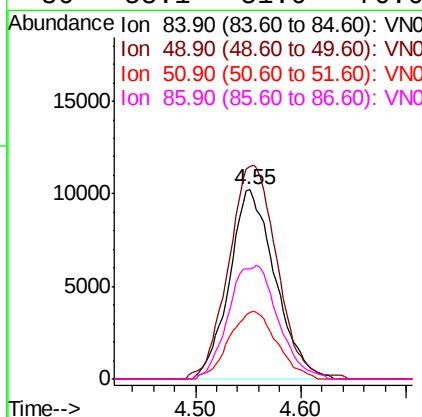
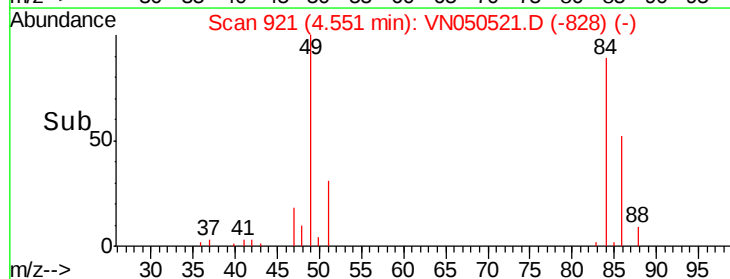
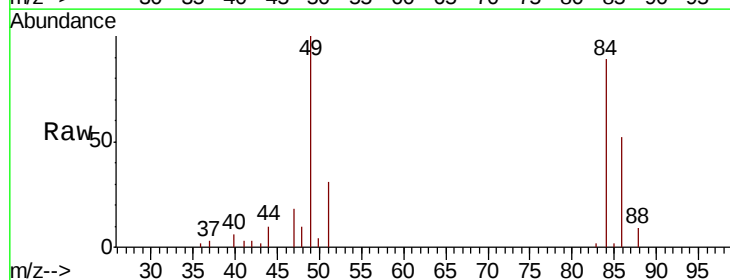
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#02

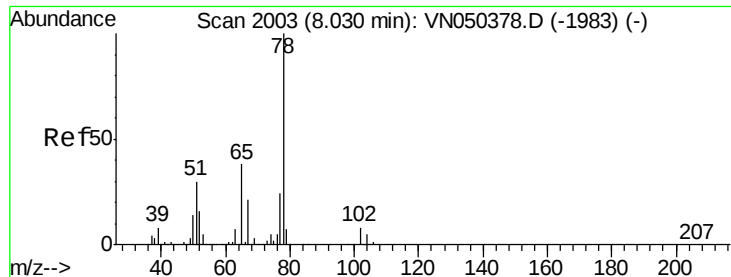
Tot Ion: 43 Resp: 11396
Ion Ratio Lower Upper
43 100
74 22.2 19.2 28.8



#20
Methylene Chloride
Concen: 2.18 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050521.D
Acq: 10 Aug 2018 16:36

Tgt Ion: 84 Resp: 30830
Ion Ratio Lower Upper
84 100
49 110.4 94.8 142.2
51 35.3 28.3 42.5
86 58.1 51.0 76.6

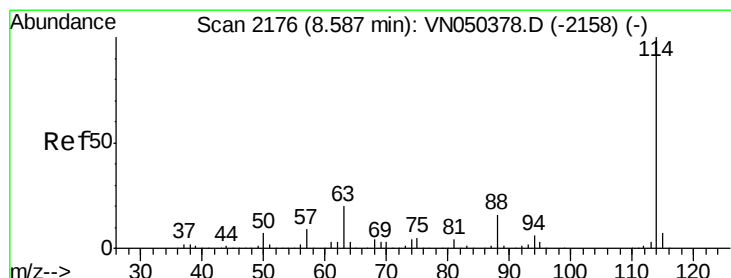
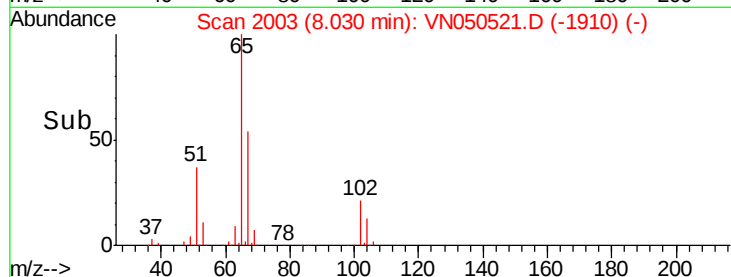
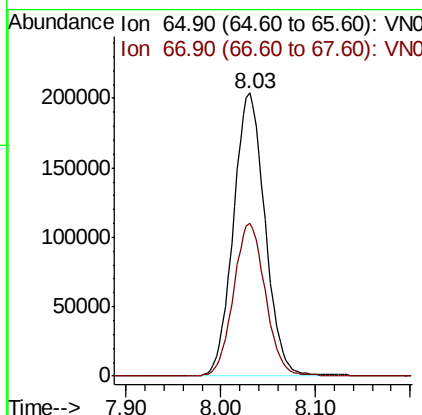
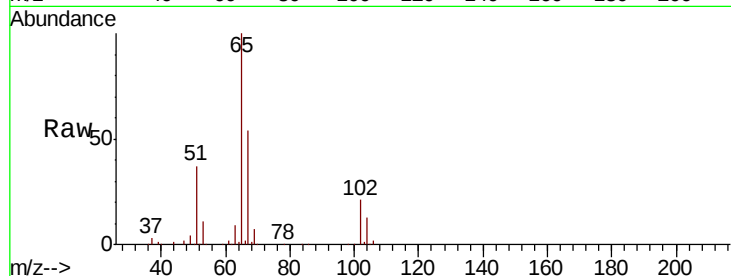




#33
 1,2-Dichloroethane-d4
 Concen: 51.36 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050521.D
 Acq: 10 Aug 2018 16:36

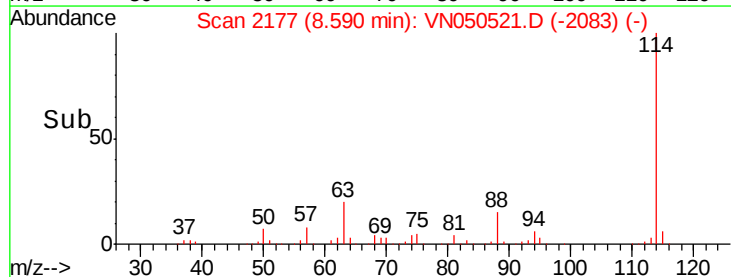
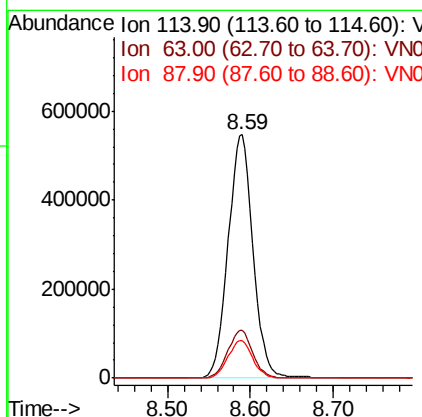
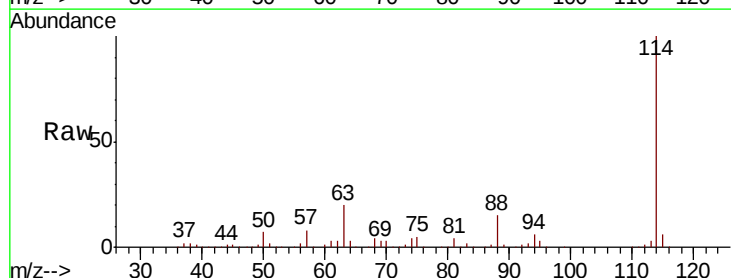
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#02

Tot Ion: 65 Resp: 473753
 Ion Ratio Lower Upper
 65 100
 67 54.4 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: VN050521.D
 Acq: 10 Aug 2018 16:36

Tgt Ion: 114 Resp: 1144203
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.2 0.0 31.2

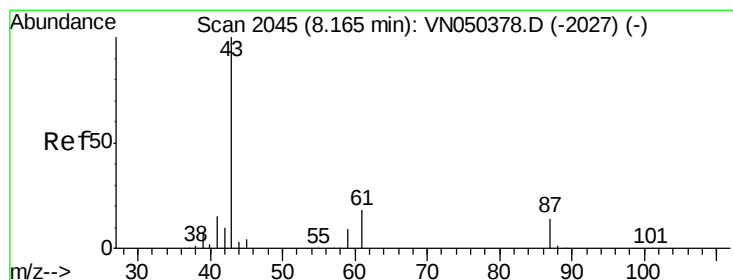
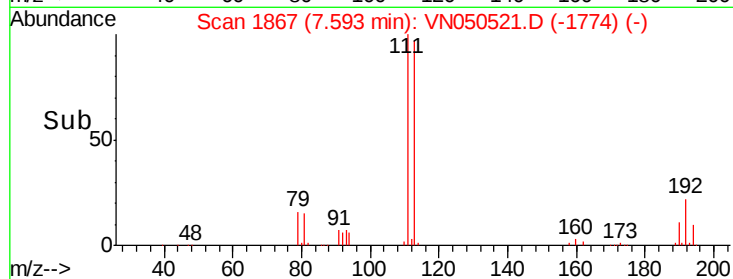
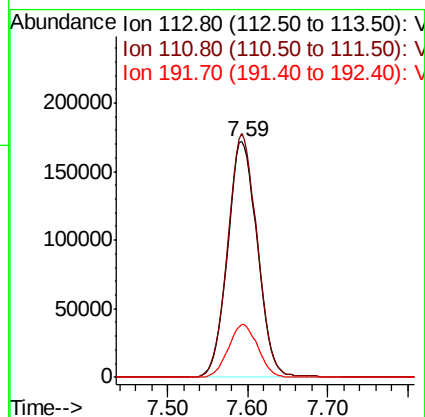
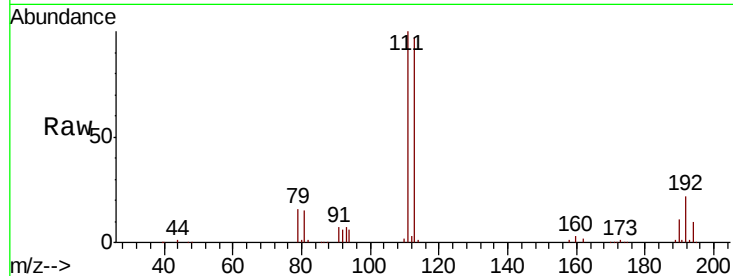




#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050521.D
 Acq: 10 Aug 2018 16:36

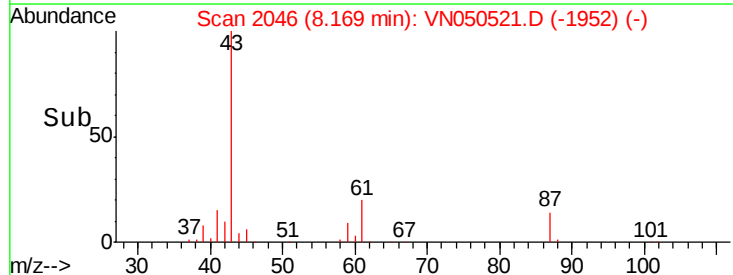
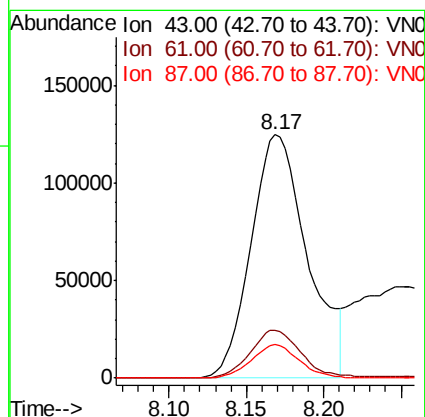
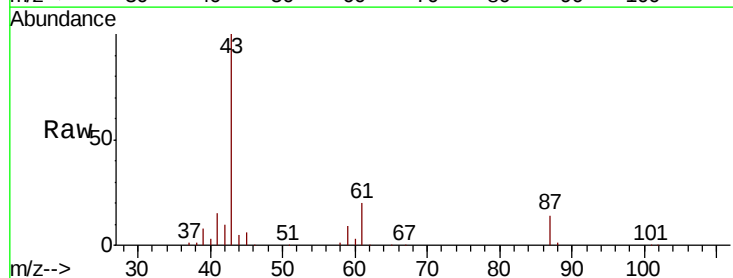
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#02

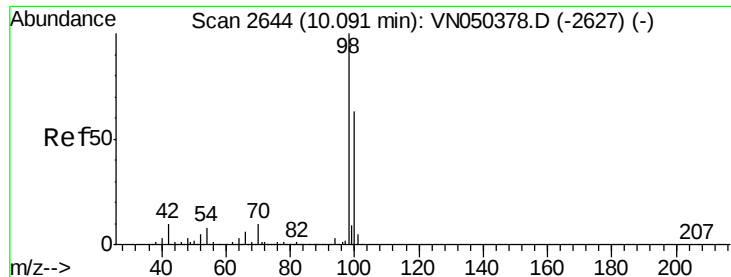
Tot Ion:113 Resp: 435895
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 20.21 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050521.D
 Acq: 10 Aug 2018 16:36

Tgt Ion: 43 Resp: 315787
 Ion Ratio Lower Upper
 43 100
 61 17.9 15.8 23.6
 87 11.7 10.3 15.5

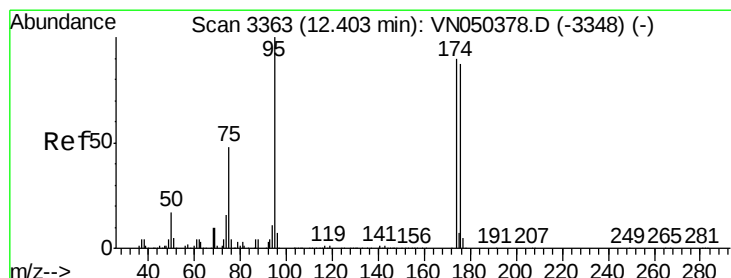
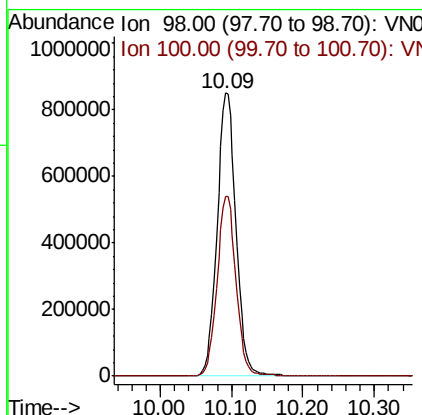
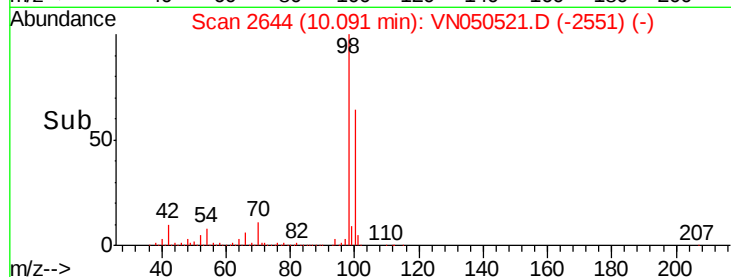
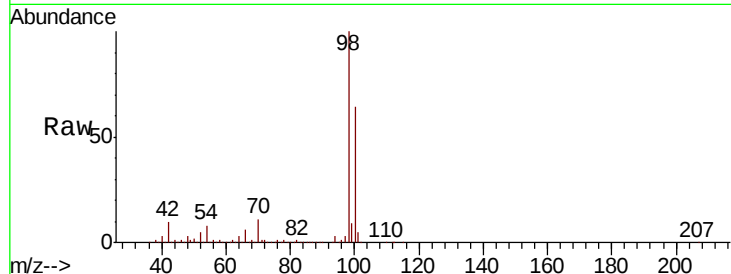




#50
Toluene-d8
Concen: 45.12 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050521.D
Acq: 10 Aug 2018 16:36

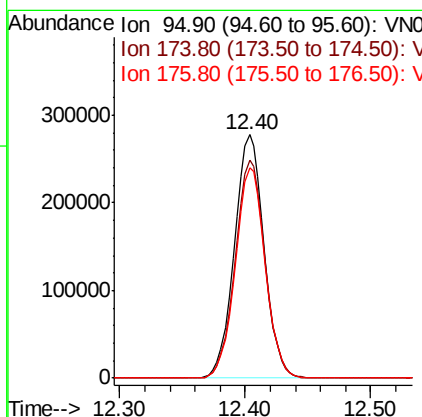
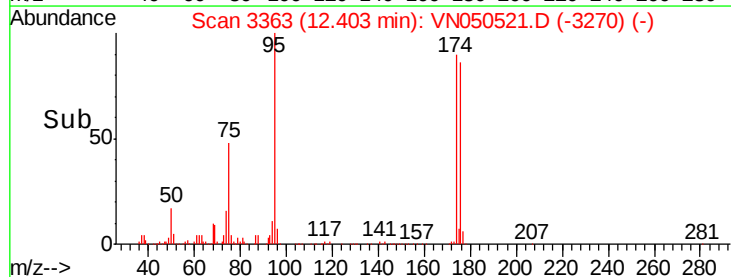
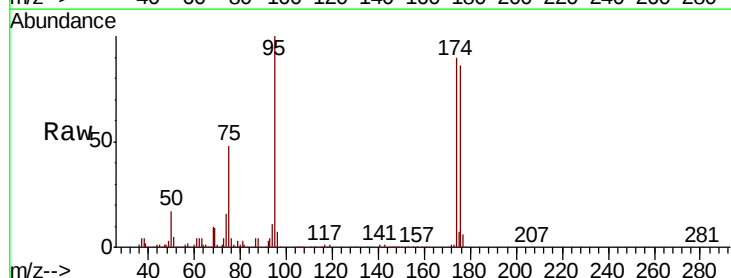
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#02

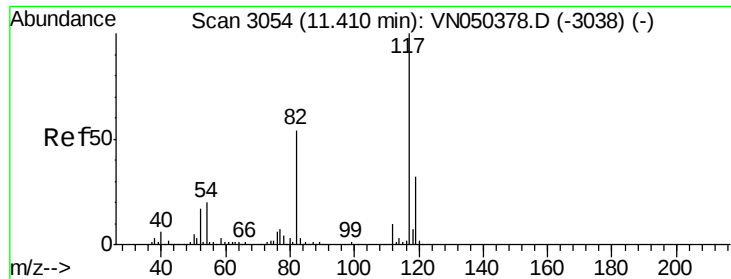
Tot Ion: 98 Resp: 1557596
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.49 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050521.D
Acq: 10 Aug 2018 16:36

Tgt Ion: 95 Resp: 452782
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.3 0.0 173.4

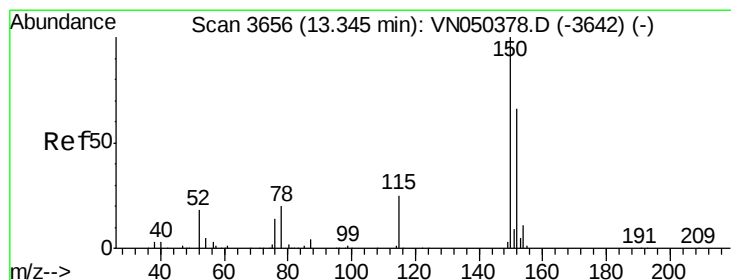
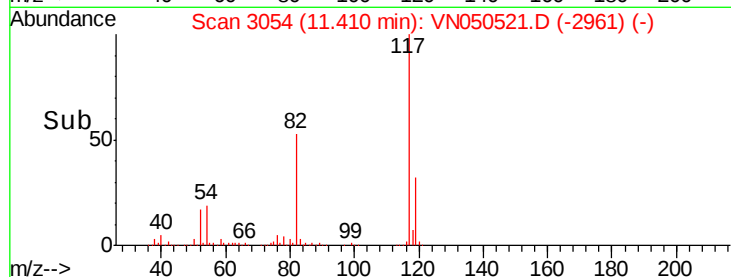
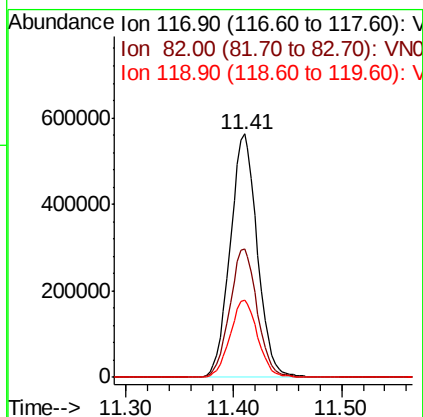
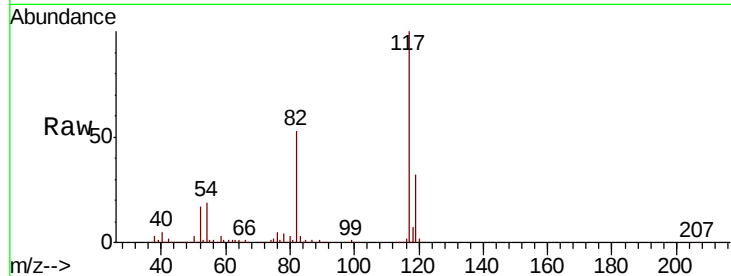




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050521.D
Acq: 10 Aug 2018 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#02

Tot Ion:117 Resp: 986579
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 31.9 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: VN050521.D
Acq: 10 Aug 2018 16:36

Tgt Ion:152 Resp: 394684
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 156.2 0.0 348.6

