

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049276.D
 Acq On : 15 Jun 2018 22:43
 Operator : MD\SY
 Sample : PB110255ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#07

Quant Time: Jun 16 02:22:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1251858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2019251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399735	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	820032	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	731221	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
50) Toluene-d8	10.09	98	2724167	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	
62) 4-Bromofluorobenzene	12.40	95	609157	29.62	ug/l	0.00
Spiked Amount			Recovery	=	59.24%	

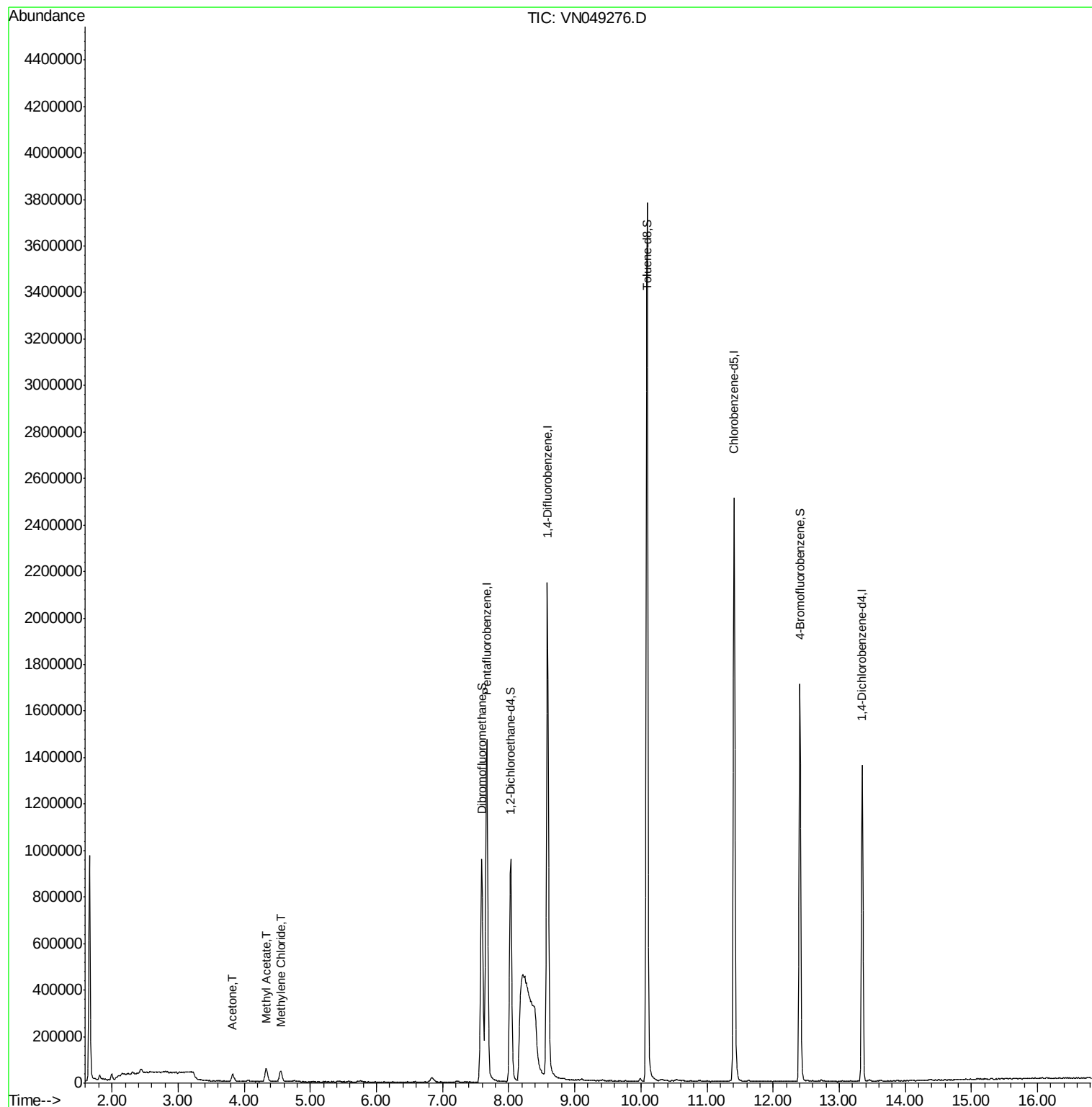
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	50039	12.41	ug/l #	80
18) Methyl Acetate	4.33	43	111339	9.06	ug/l	95
20) Methylene Chloride	4.55	84	33799	2.01	ug/l #	82

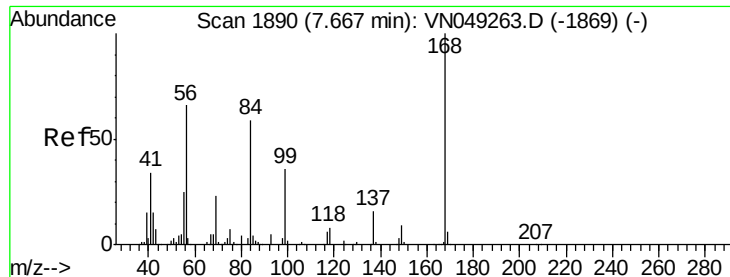
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

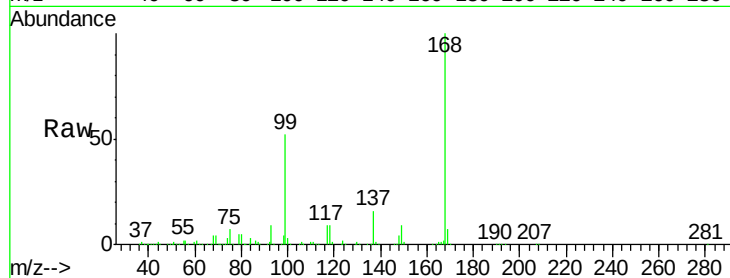
PB110255ZHE#07

Tot Ion:168 Resp: 1251858

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

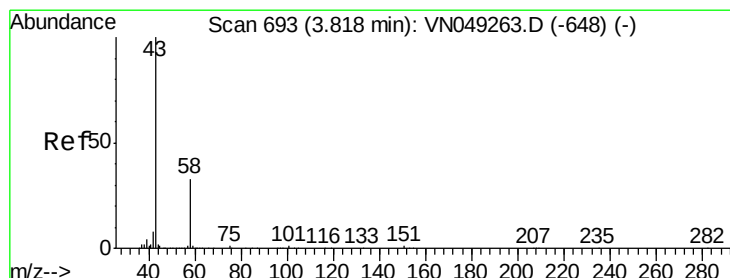
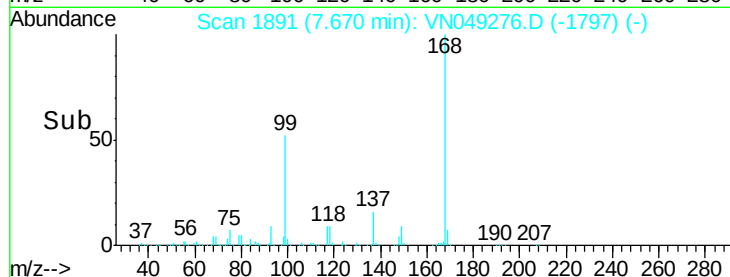
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.41 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049276.D

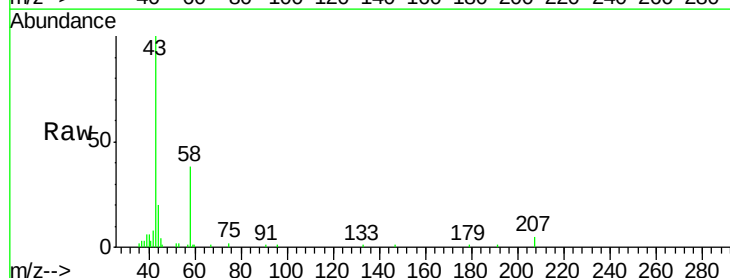
Acq: 15 Jun 2018 22:43

Tgt Ion: 43 Resp: 50039

Ion Ratio Lower Upper

43 100

58 38.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

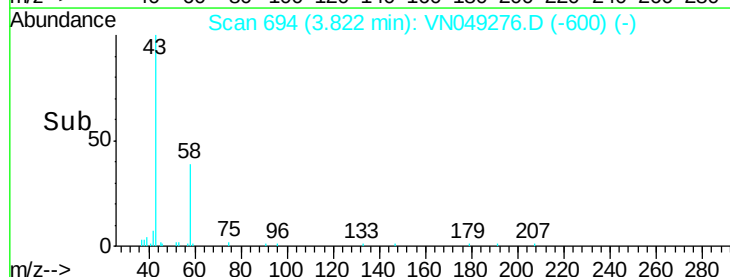
15000

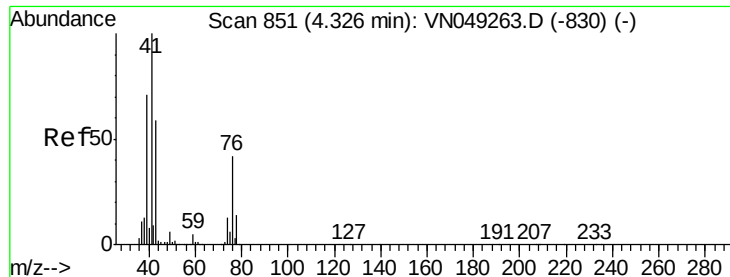
10000

5000

0

Time-->

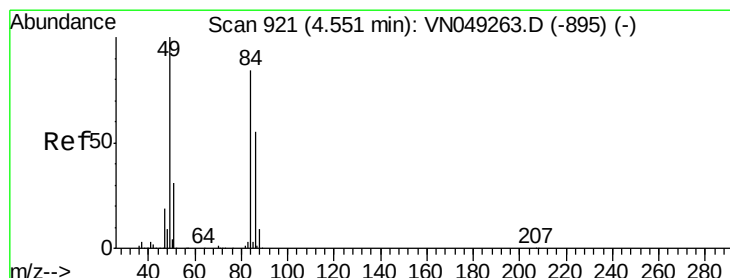
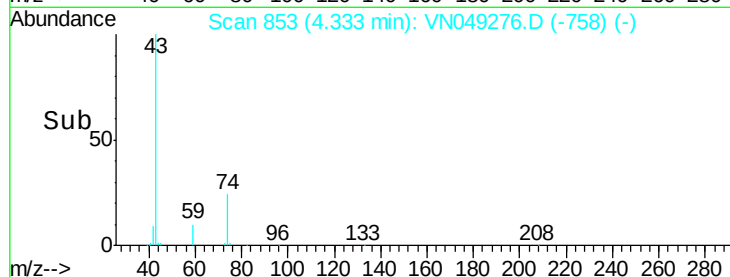
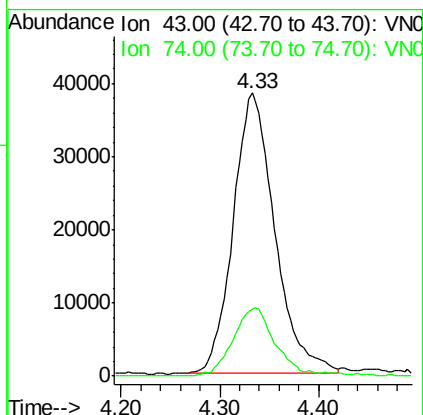
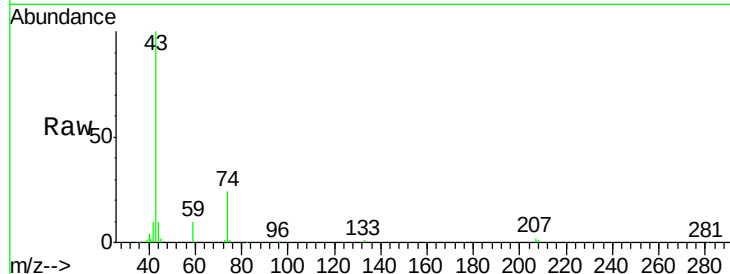




#18
Methvl Acetate
Concen: 9.06 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

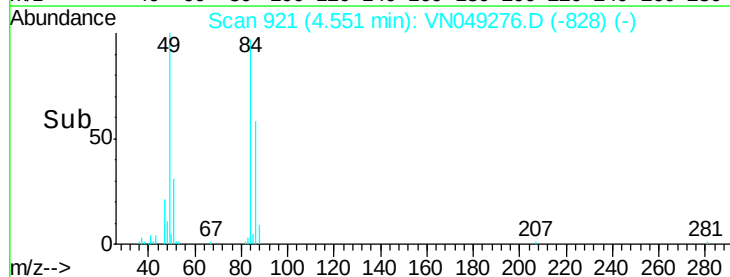
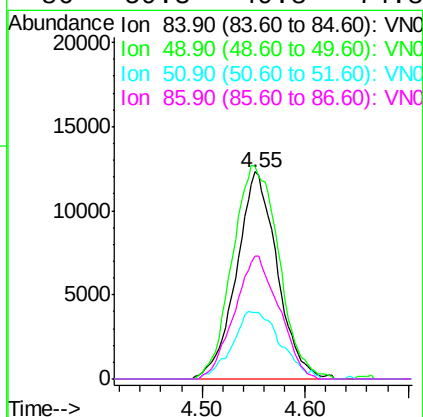
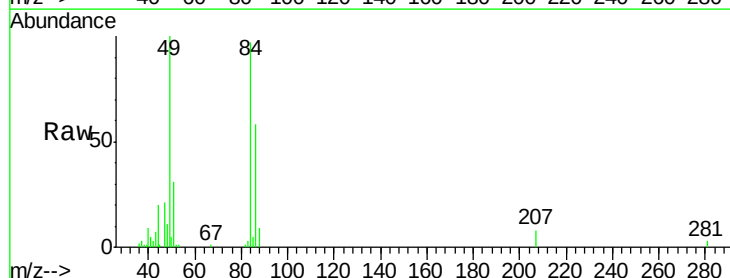
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#07

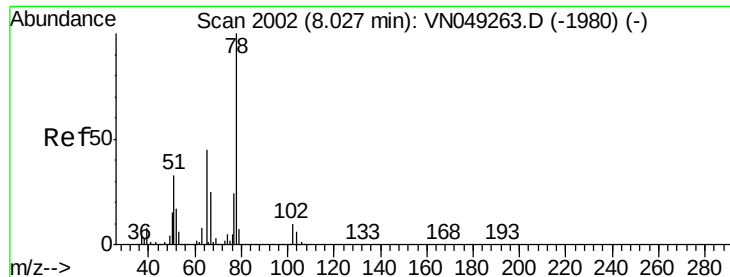
Tot Ion: 43 Resp: 111339
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 2.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Tgt Ion: 84 Resp: 33799
Ion Ratio Lower Upper
84 100
49 103.1 106.9 160.3#
51 32.2 32.7 49.1#
86 59.3 49.8 74.8

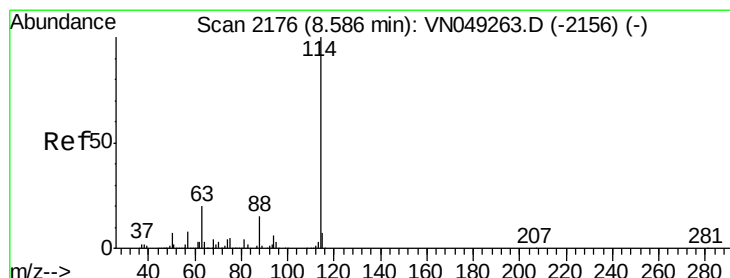
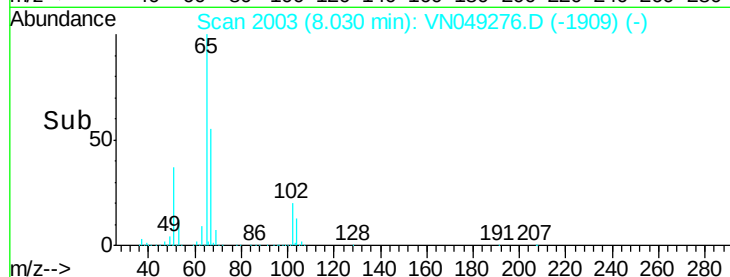
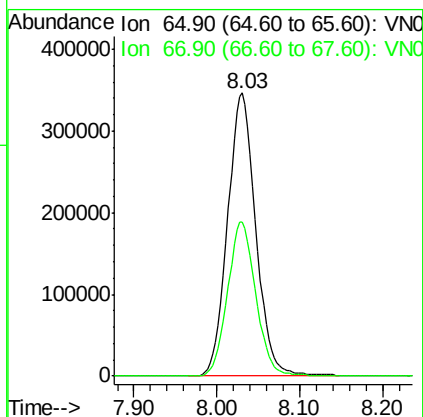
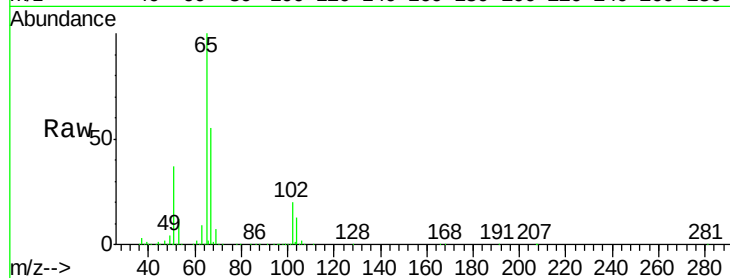




#33
 1,2-Dichloroethane-d4
 Concen: 49.39 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049276.D
 Acq: 15 Jun 2018 22:43

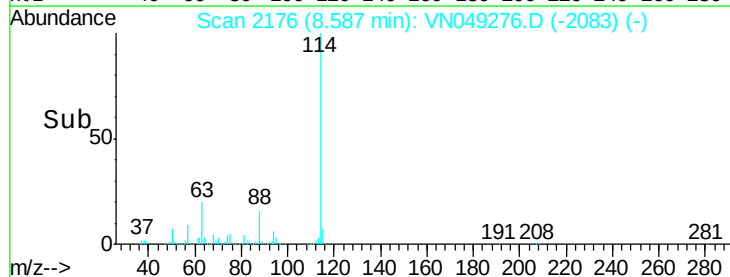
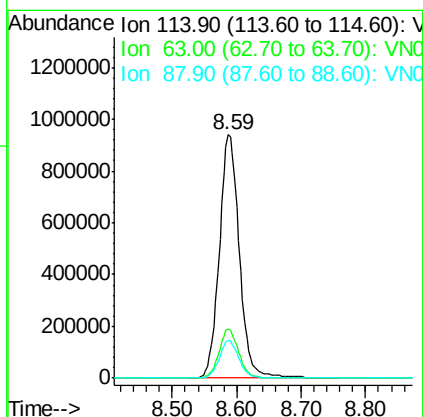
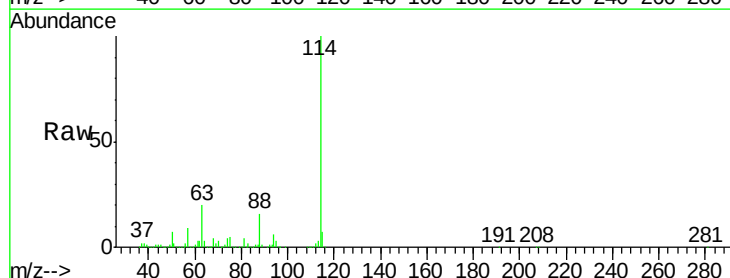
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#07

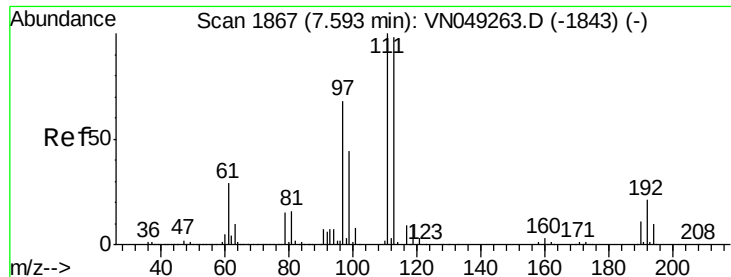
Tot Ion: 65 Resp: 820032
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049276.D
 Acq: 15 Jun 2018 22:43

Tgt Ion: 114 Resp: 2019251
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 44.76 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#07

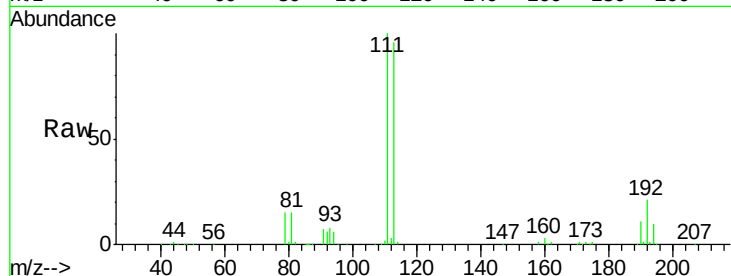
Tot Ion:113 Resp: 731221

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

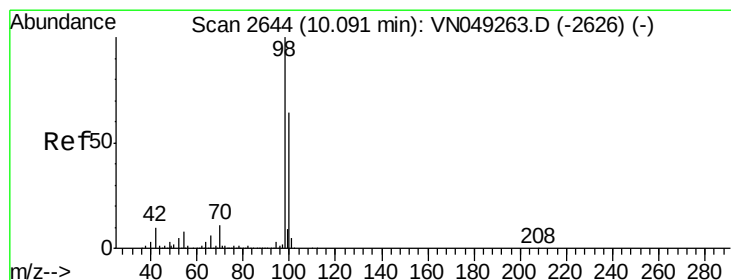
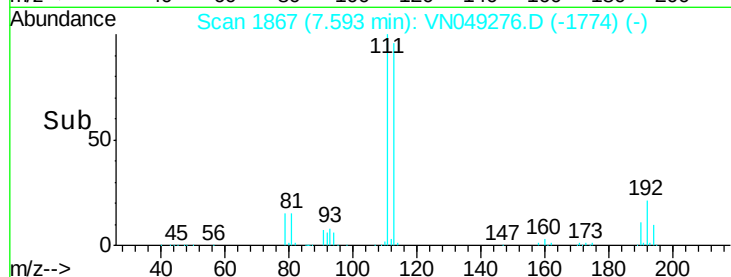
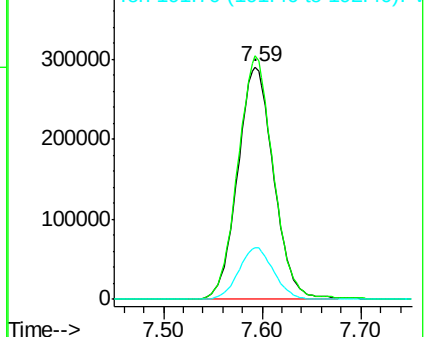
192 21.9 15.0 22.6



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: 43.79 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049276.D

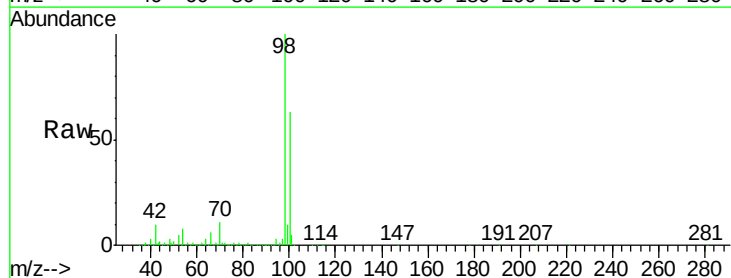
Acq: 15 Jun 2018 22:43

Tgt Ion: 98 Resp: 2724167

Ion Ratio Lower Upper

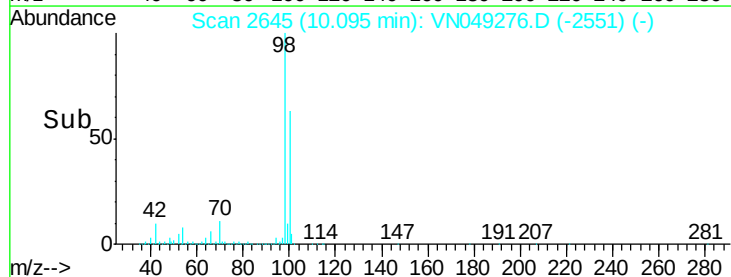
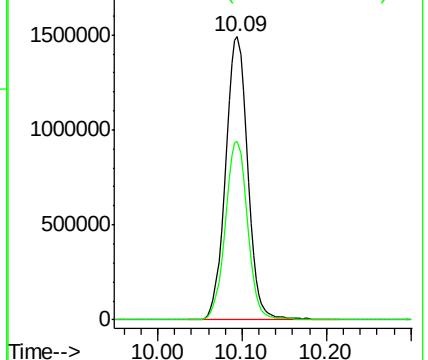
98 100

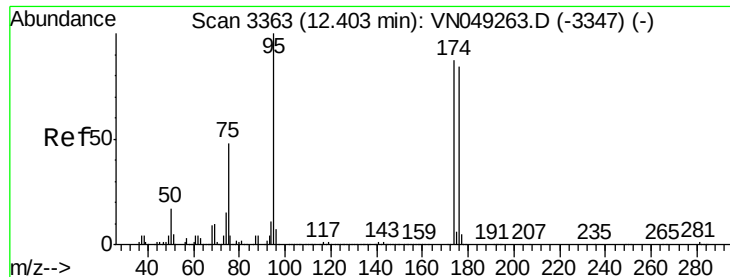
100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

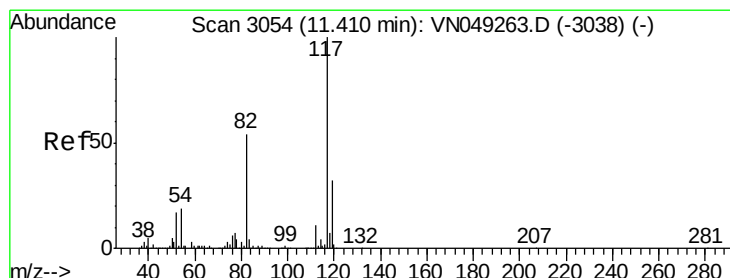
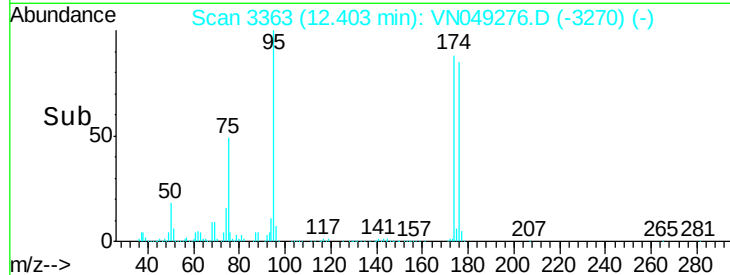
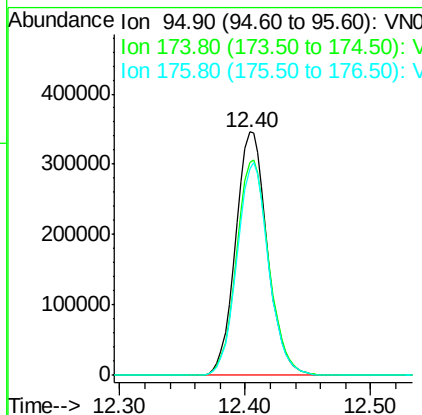
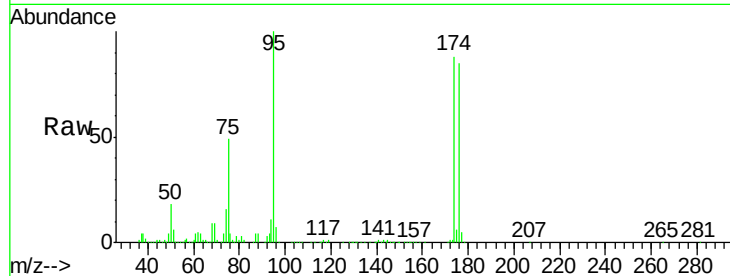




#62
4-Bromofluorobenzene
Concen: 29.62 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

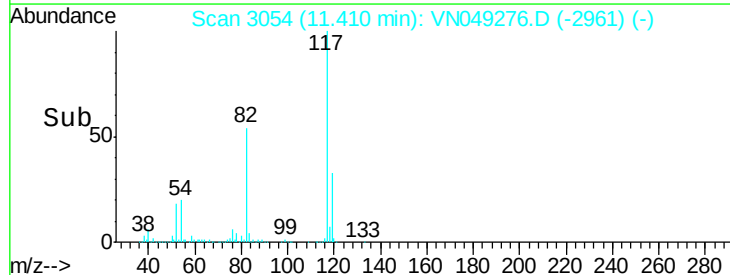
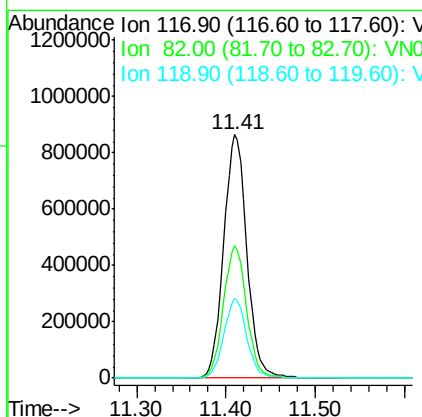
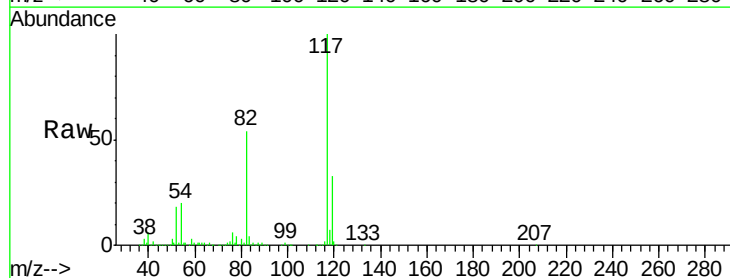
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#07

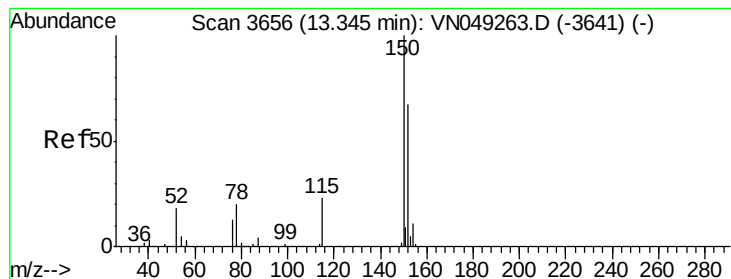
Tot Ion	95	Resp	609157
Ion Ratio	Lower	Upper	
95	100		
174	90.2	0.0	165.6
176	86.7	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Tgt Ion	117	Resp	1550826
Ion Ratio	Lower	Upper	
117	100		
82	54.3	45.9	68.9
119	32.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#07

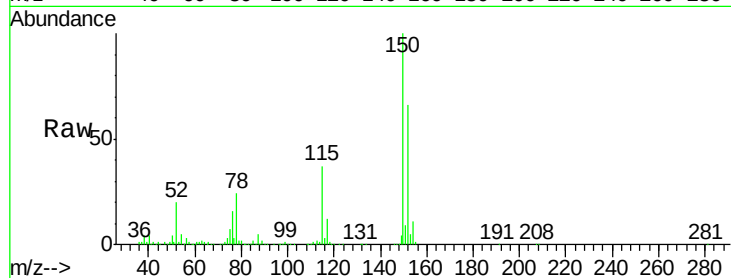
Tot Ion:152 Resp: 399735

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

150 157.0 0.0 351.0



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

