

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049282.D
 Acq On : 16 Jun 2018 1:17
 Operator : MD\SY
 Sample : PB110255ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#13

Quant Time: Jun 16 03:24:37 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	1201062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1934232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1527426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349328	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	795774	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	7.59	113	717120	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
50) Toluene-d8	10.09	98	2656715	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.40	95	573764	29.12	ug/l	0.00
Spiked Amount			Recovery	=	58.24%	

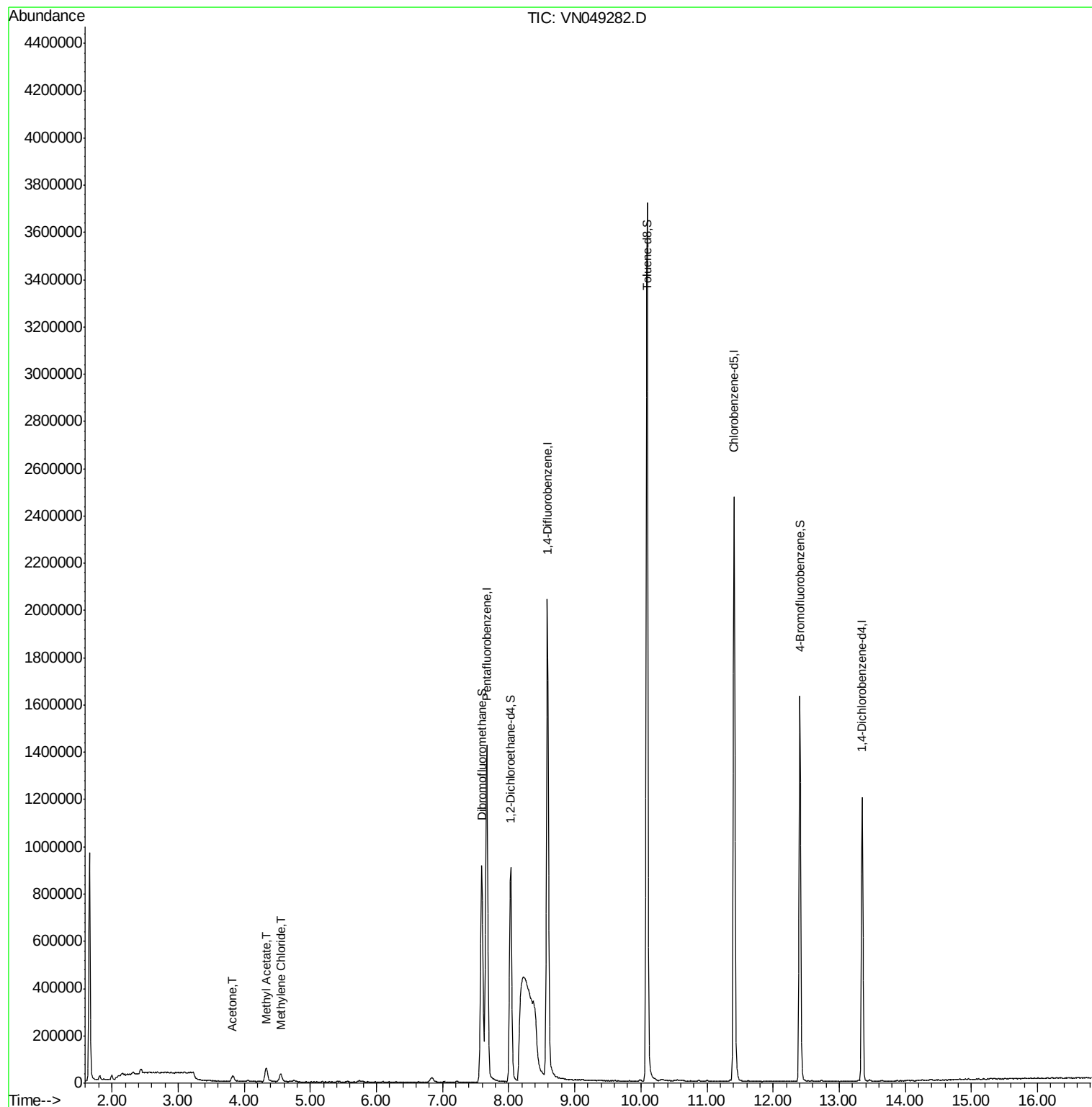
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	41026	10.61	ug/l	# 84
18) Methyl Acetate	4.33	43	117812	9.99	ug/l	96
20) Methylene Chloride	4.55	84	24452	1.51	ug/l	90

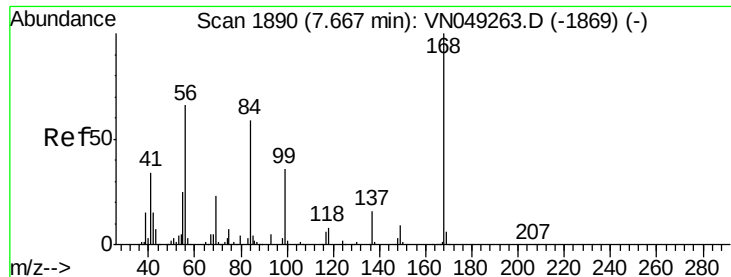
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049282.D

Acq: 16 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

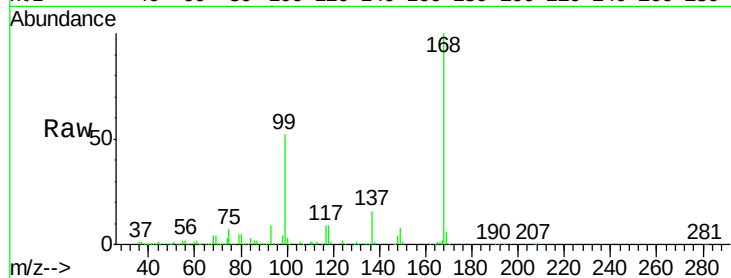
PB110255ZHE#13

Tot Ion:168 Resp: 1201062

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

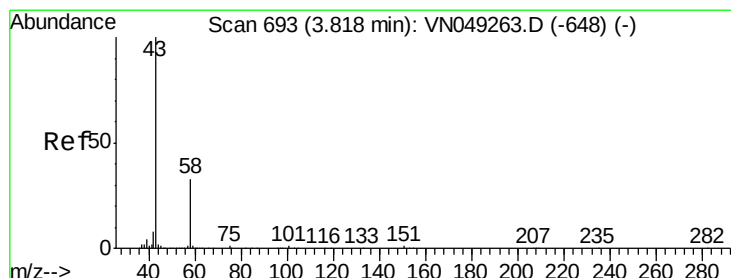
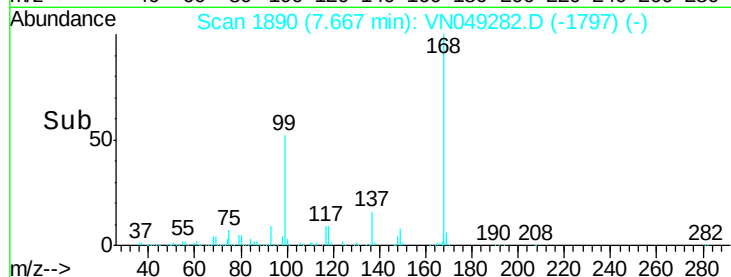
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.61 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049282.D

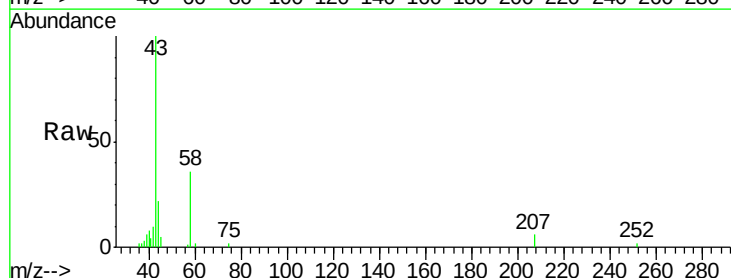
Acq: 16 Jun 2018 1:17

Tgt Ion: 43 Resp: 41026

Ion Ratio Lower Upper

43 100

58 36.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

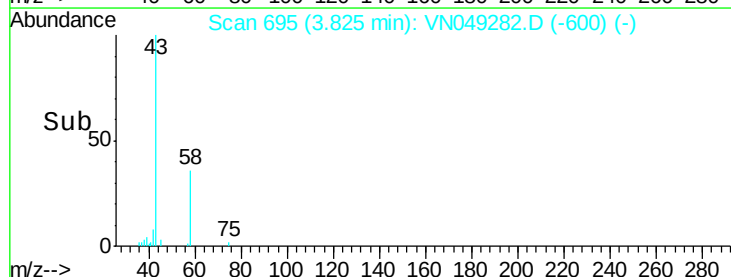
15000

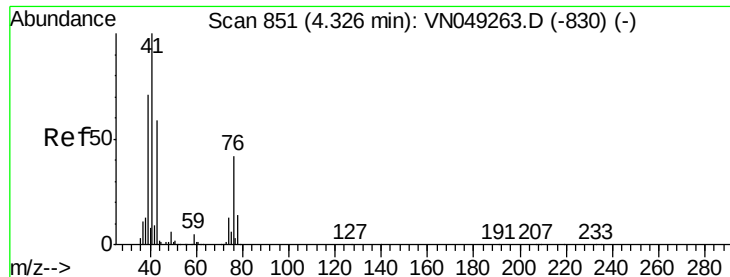
10000

5000

0

Time--> 3.70 3.80 3.90





#18

Methvl Acetate

Concen: 9.99 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049282.D

Acq: 16 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

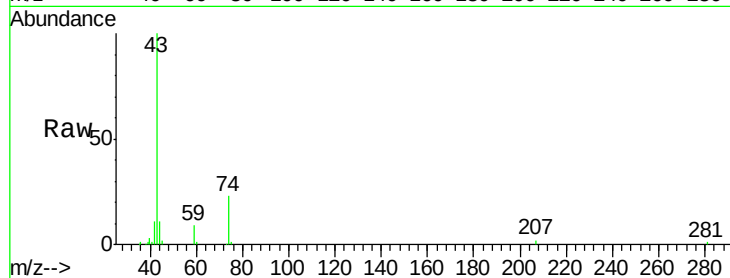
PB110255ZHE#13

Tot Ion: 43 Resp: 117812

Ion Ratio Lower Upper

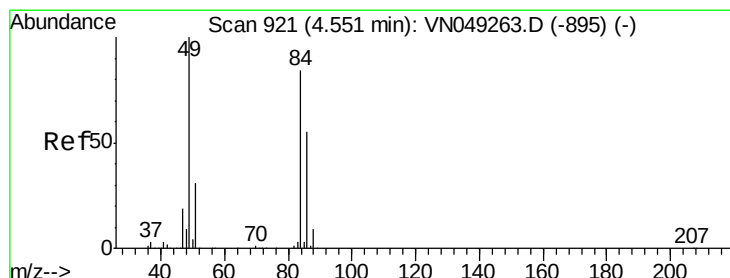
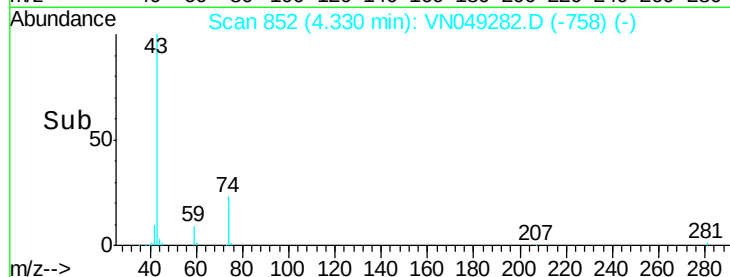
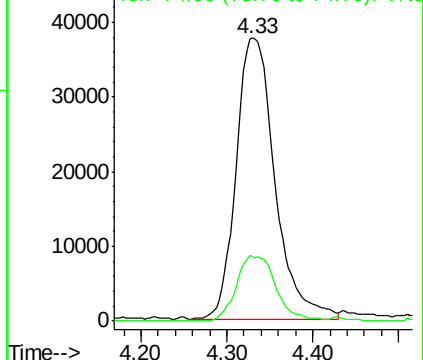
43 100

74 23.7 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 1.51 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049282.D

Acq: 16 Jun 2018 1:17

Tgt Ion: 84 Resp: 24452

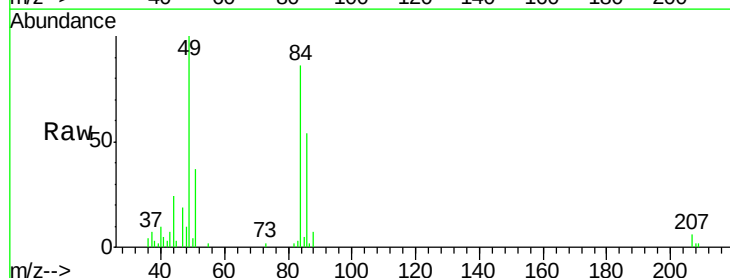
Ion Ratio Lower Upper

84 100

49 113.5 106.9 160.3

51 43.2 32.7 49.1

86 62.7 49.8 74.8

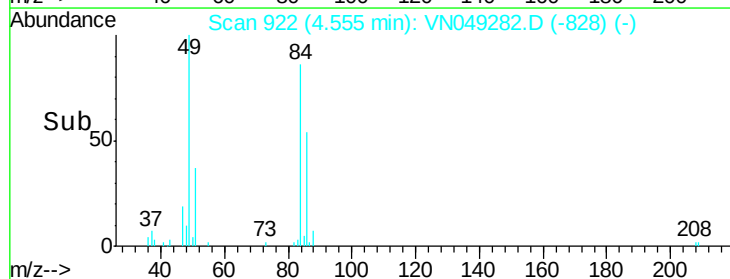
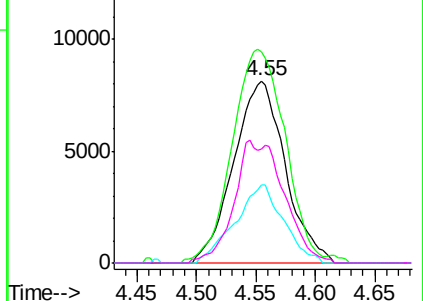


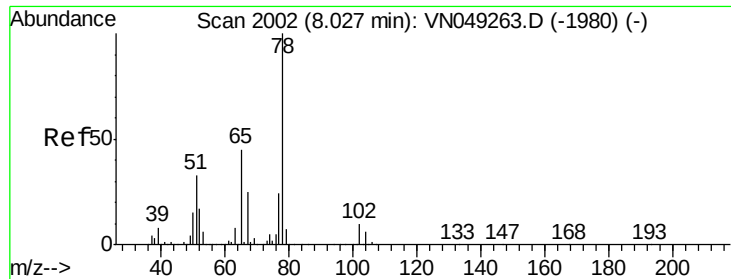
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

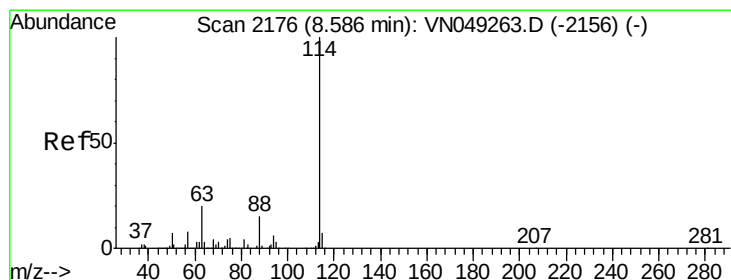
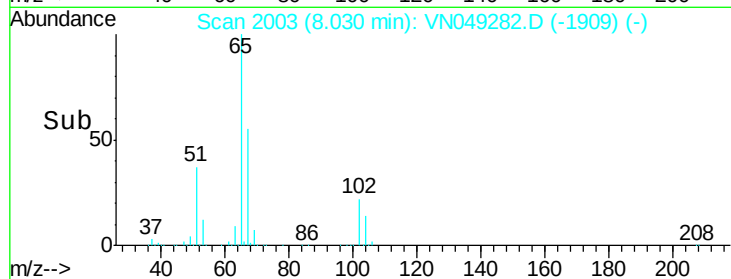
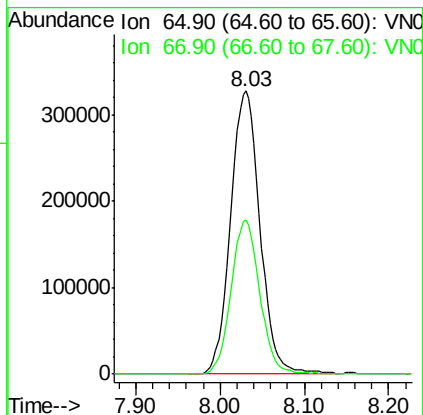
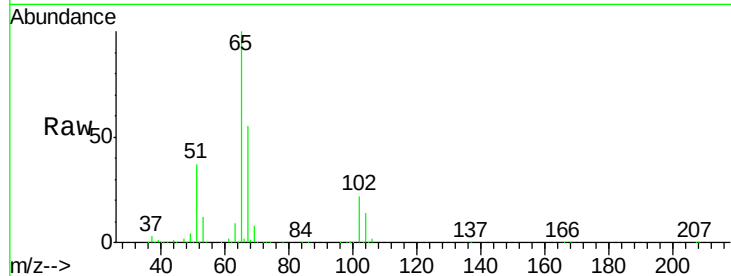




#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049282.D
 Acq: 16 Jun 2018 1:17

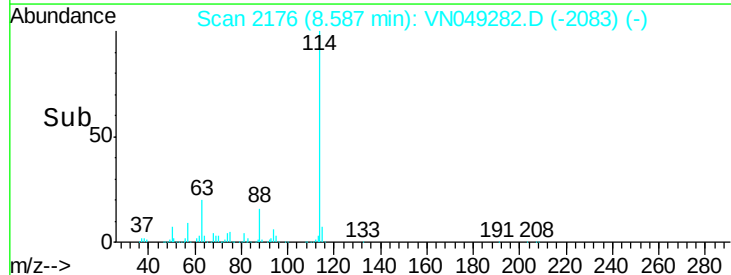
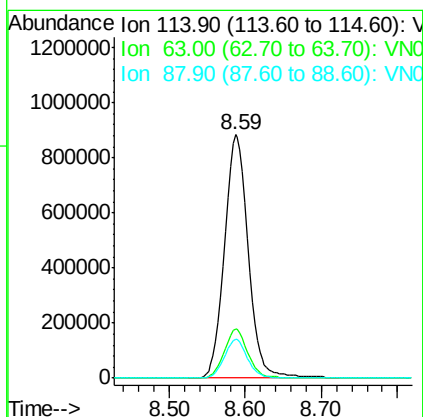
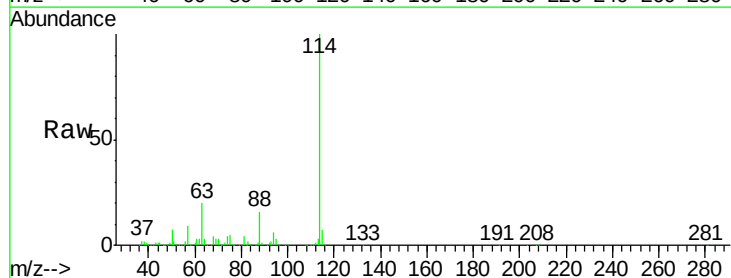
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#13

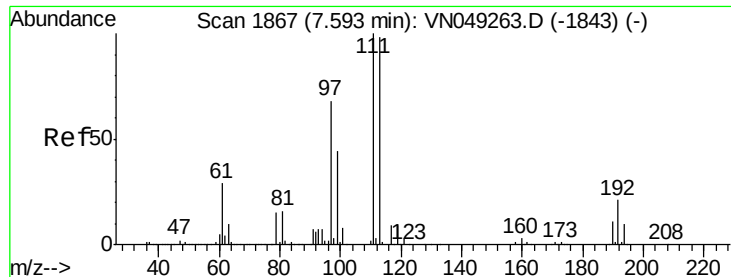
Tot Ion: 65 Resp: 795774
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049282.D
 Acq: 16 Jun 2018 1:17

Tgt Ion: 114 Resp: 1934232
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.4
 88 15.9 0.0 31.4

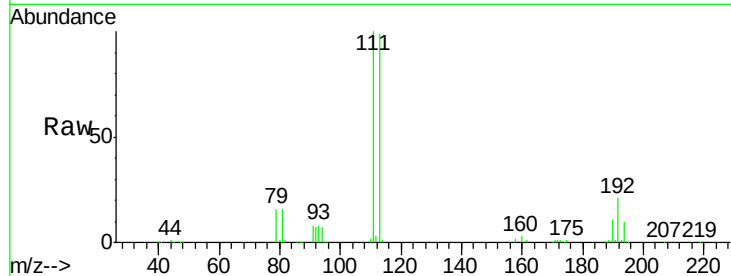




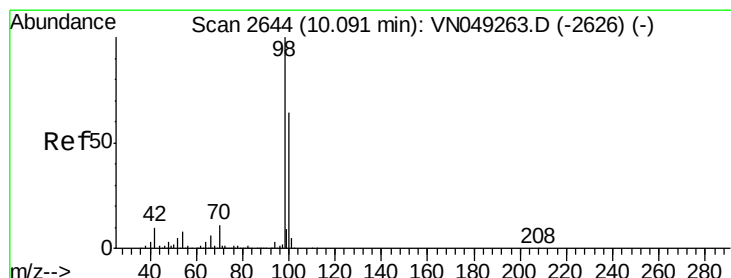
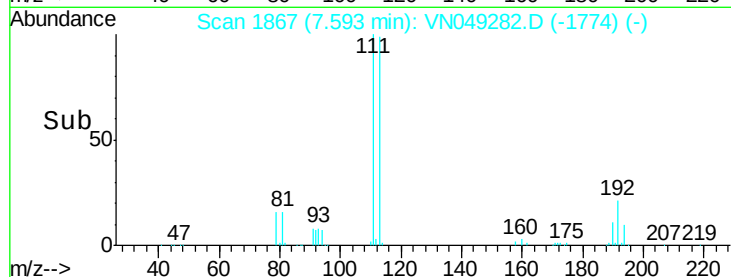
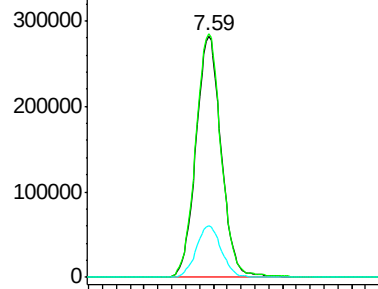
#35
 Dibromofluoromethane
 Concen: 45.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049282.D
 Acq: 16 Jun 2018 1:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#13

Tot Ion:113 Resp: 717120
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 21.4 15.0 22.6

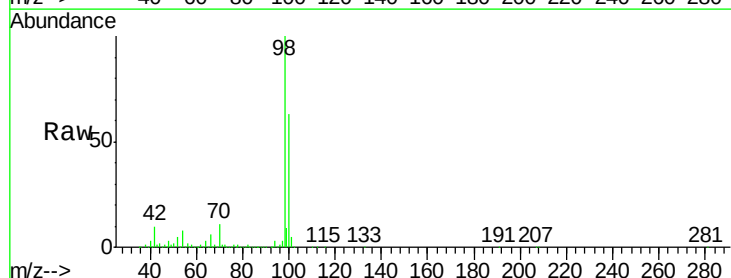


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

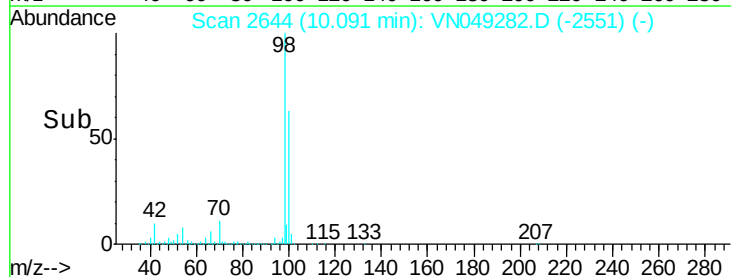
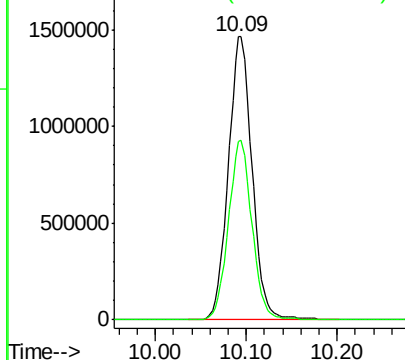


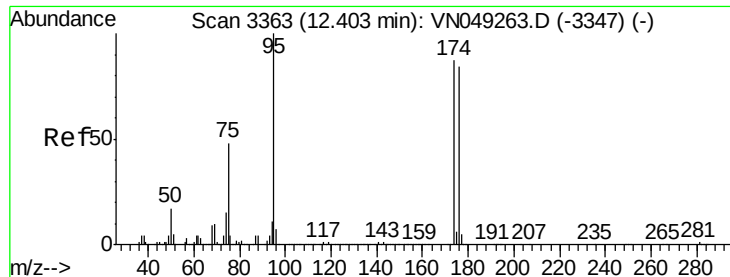
#50
 Toluene-d8
 Concen: 44.59 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049282.D
 Acq: 16 Jun 2018 1:17

Tgt Ion: 98 Resp: 2656715
 Ion Ratio Lower Upper
 98 100
 100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

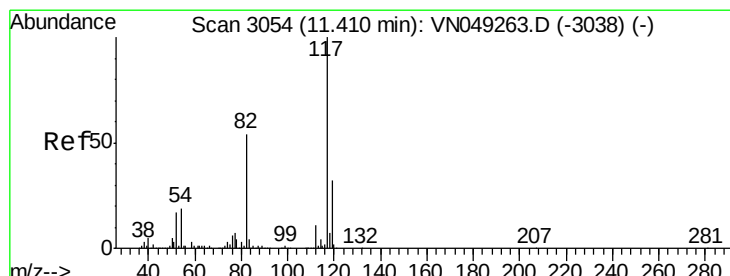
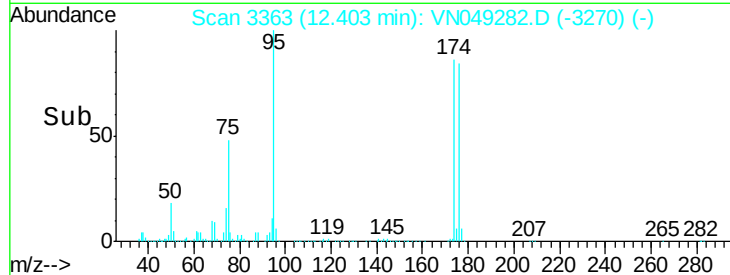
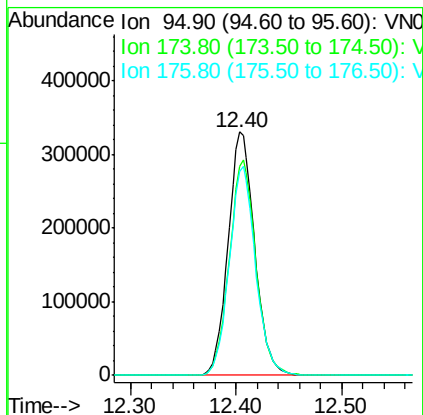
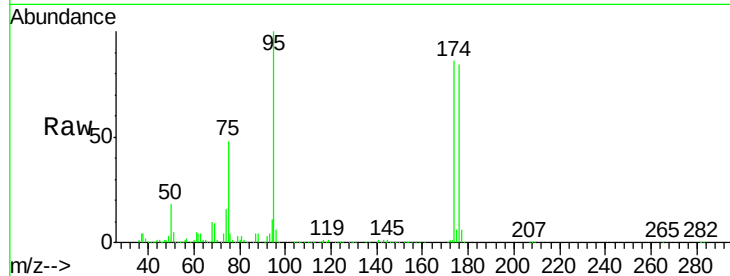




#62
4-Bromofluorobenzene
Concen: 29.12 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049282.D
Acq: 16 Jun 2018 1:17

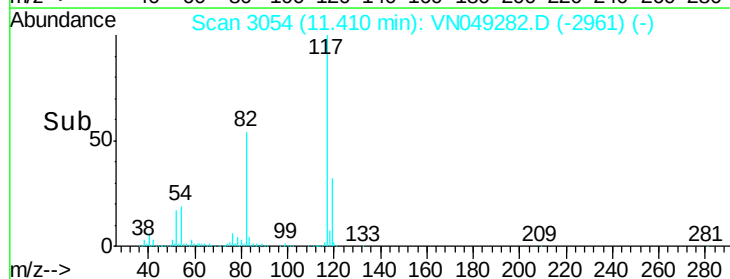
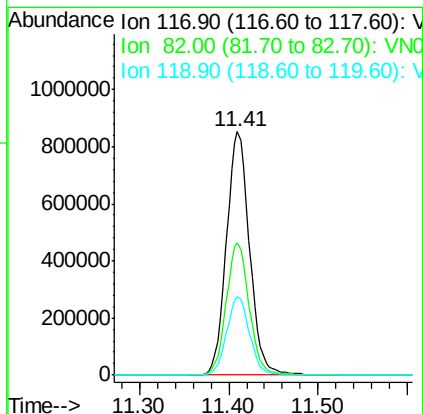
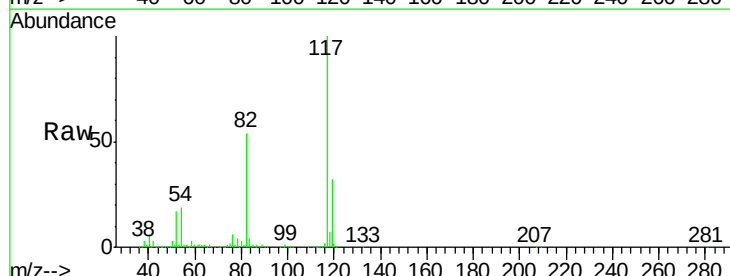
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#13

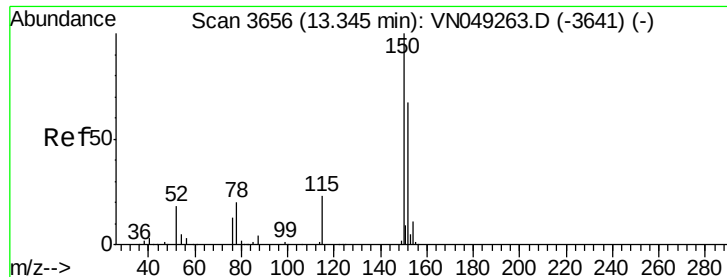
Tot Ion: 95 Resp: 573764
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.6
176 85.1 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049282.D
Acq: 16 Jun 2018 1:17

Tgt Ion: 117 Resp: 1527426
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.3 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: VN049282.D

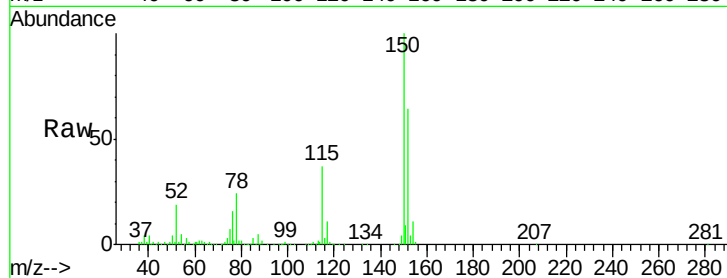
Acq: 16 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#13



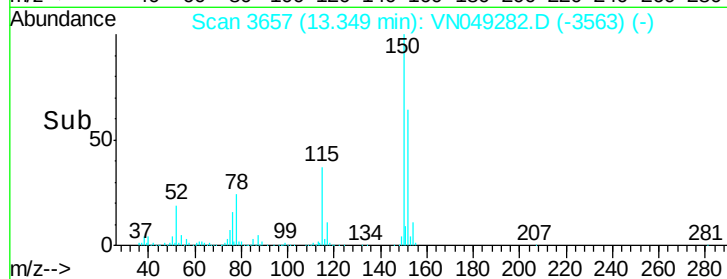
Tot Ion:152 Resp: 349328

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

150 157.9 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

