

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051235.D
 Acq On : 15 Sep 2018 20:25
 Operator : MD\SY
 Sample : PB112879ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#16

Quant Time: Sep 17 04:14:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	402860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	653827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152129	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	226348	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	7.59	113	239239	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.09	98	816694	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
62) 4-Bromofluorobenzene	12.40	95	210409	34.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.24%	

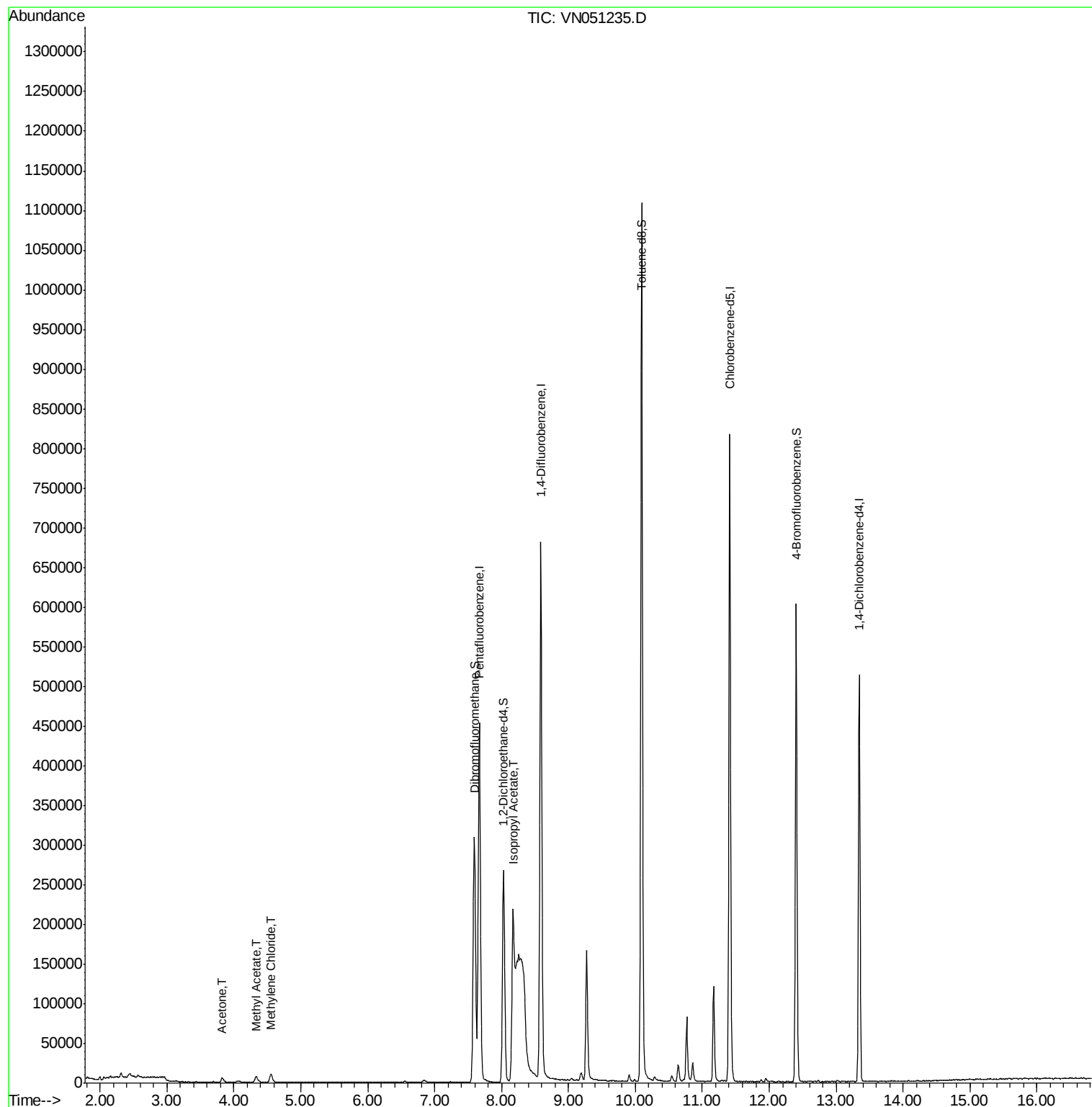
Target Compounds						Qvalue
16) Acetone	3.82	43	8893	2.24	ug/l	95
18) Methyl Acetate	4.33	43	15716	4.38	ug/l	96
20) Methylene Chloride	4.55	84	8209	1.66	ug/l	94
43) Isopropyl Acetate	8.17	43	299216	40.79	ug/l #	74

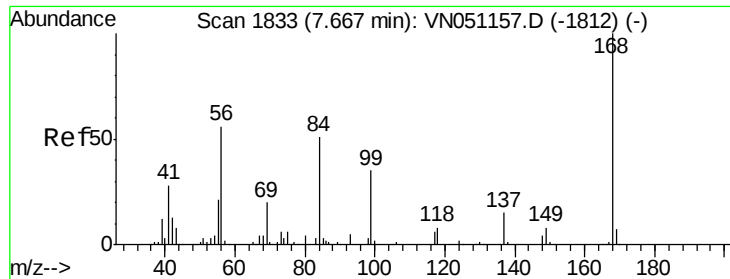
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051235.D

Acq: 15 Sep 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

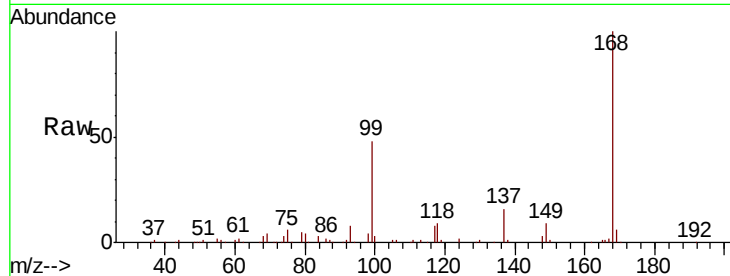
PB112879ZHE#16

Tot Ion:168 Resp: 402860

Ion Ratio Lower Upper

168 100

99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

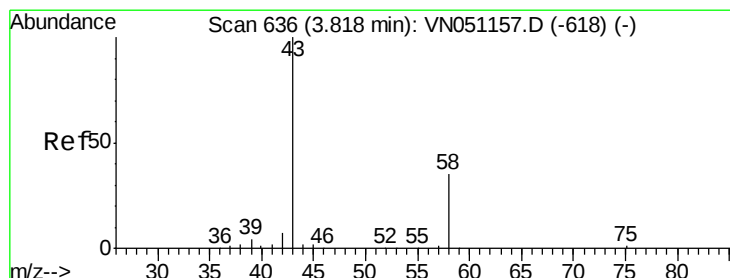
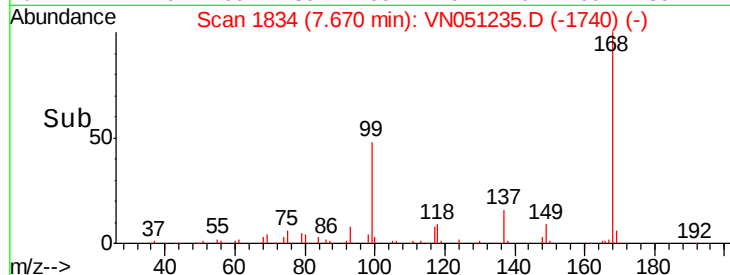
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.24 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051235.D

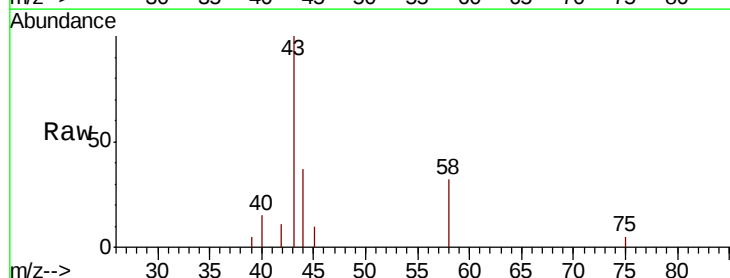
Acq: 15 Sep 2018 20:25

Tgt Ion: 43 Resp: 8893

Ion Ratio Lower Upper

43 100

58 32.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

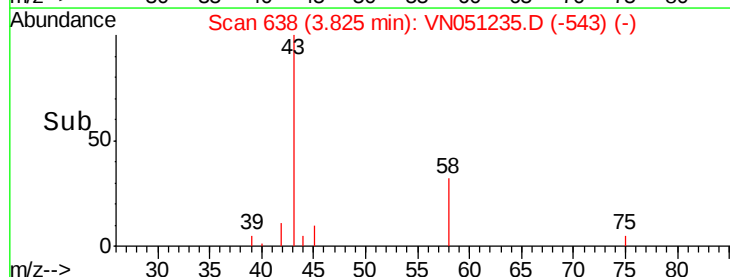
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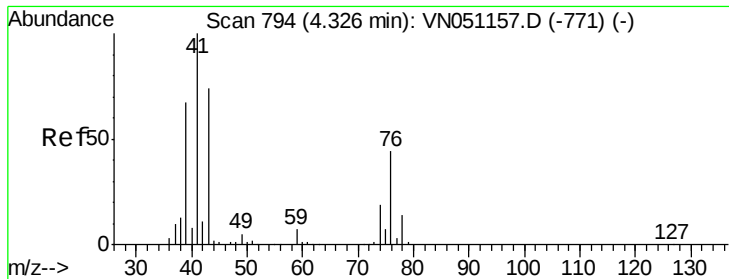
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Time-->

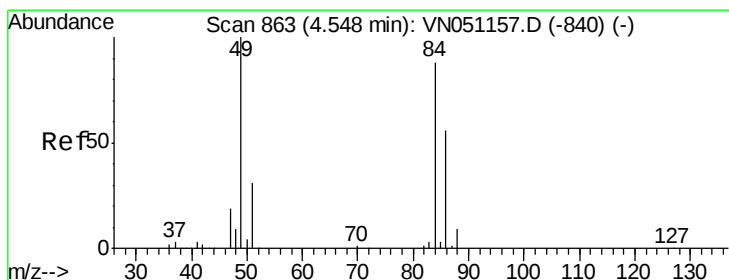
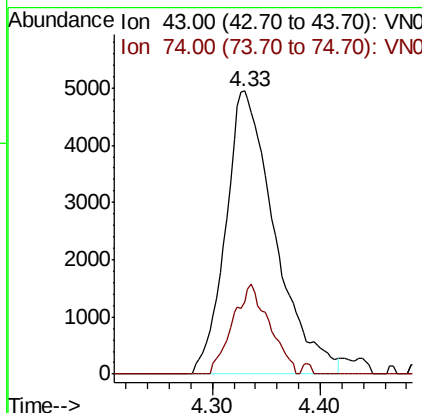
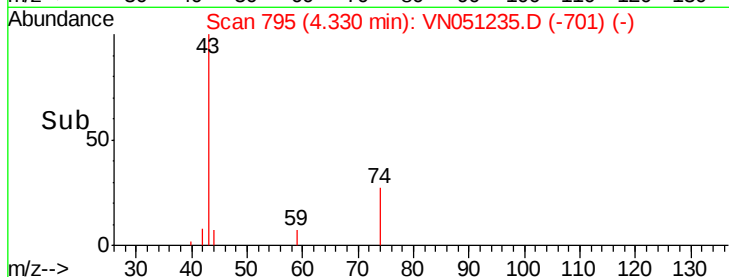
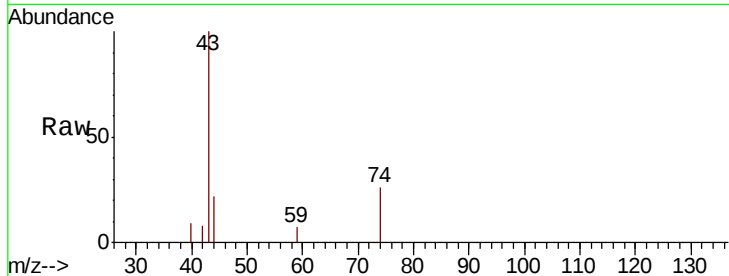




#18
Methyl Acetate
Concen: 4.38 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051235.D
Acq: 15 Sep 2018 20:25

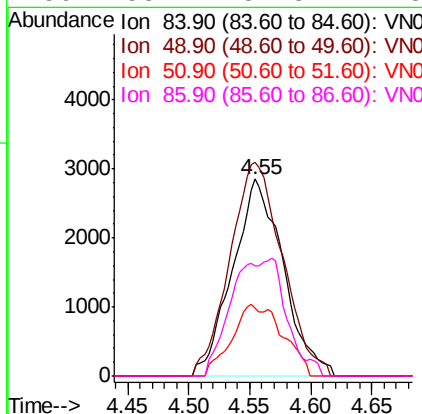
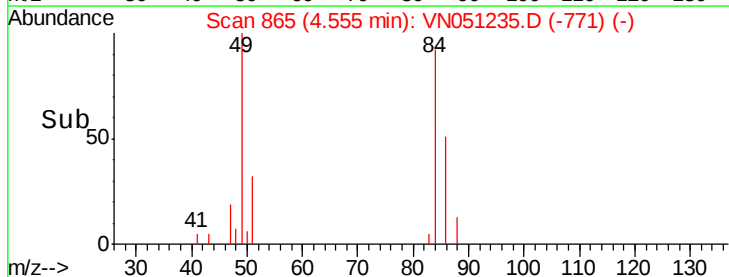
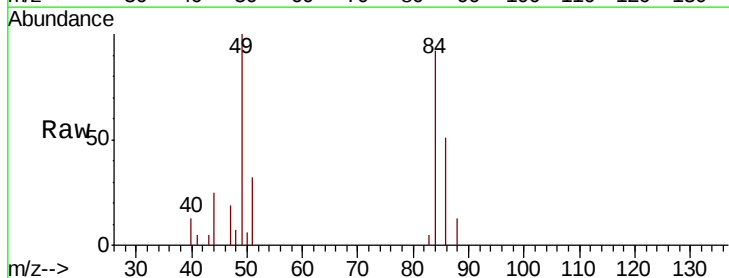
Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#16

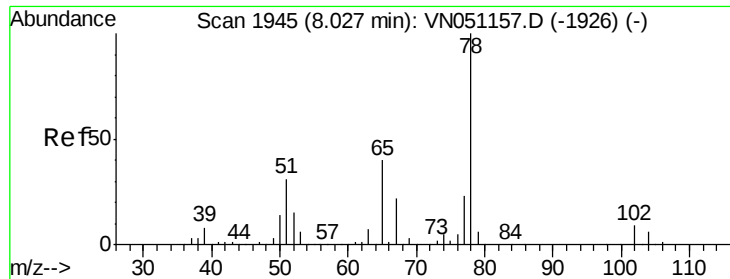
Tot Ion: 43 Resp: 15716
Ion Ratio Lower Upper
43 100
74 23.8 20.7 31.1



#20
Methylene Chloride
Concen: 1.66 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051235.D
Acq: 15 Sep 2018 20:25

Tgt Ion: 84 Resp: 8209
Ion Ratio Lower Upper
84 100
49 108.6 90.2 135.2
51 34.6 28.4 42.6
86 55.7 51.8 77.8

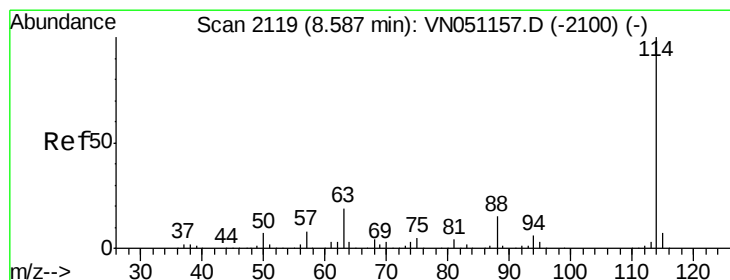
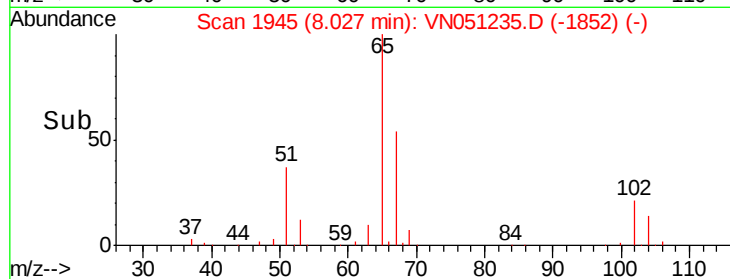
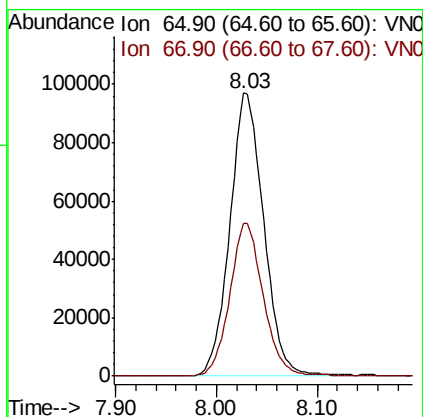
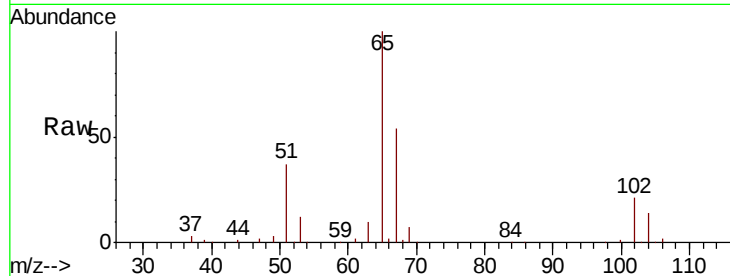




#33
 1,2-Dichloroethane-d4
 Concen: 50.49 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051235.D
 Acq: 15 Sep 2018 20:25

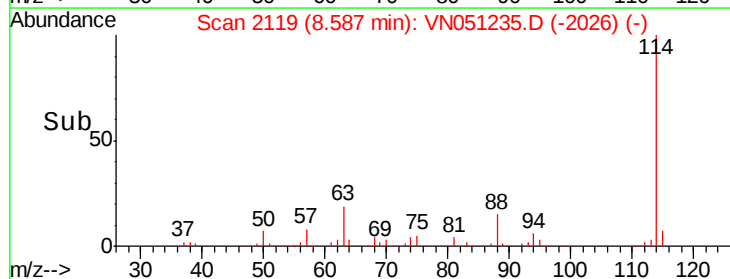
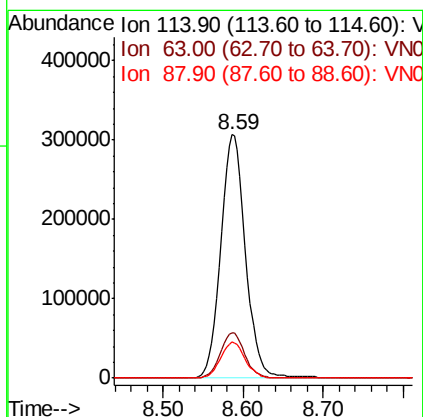
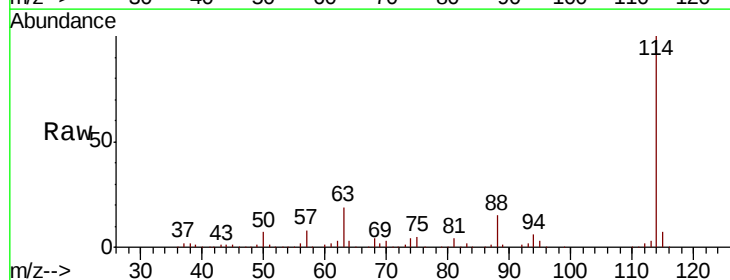
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#16

Tot Ion: 65 Resp: 226348
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051235.D
 Acq: 15 Sep 2018 20:25

Tgt Ion: 114 Resp: 653827
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 14.6 0.0 30.8

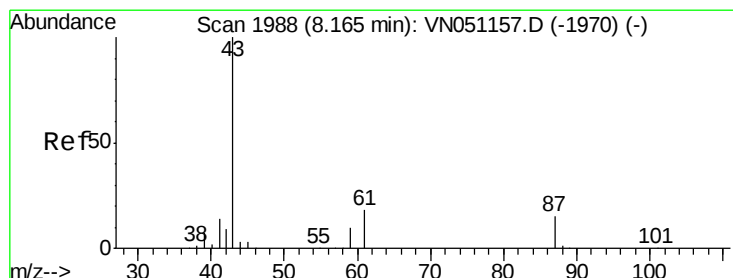
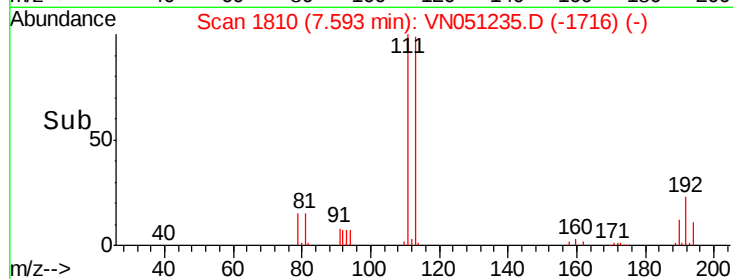
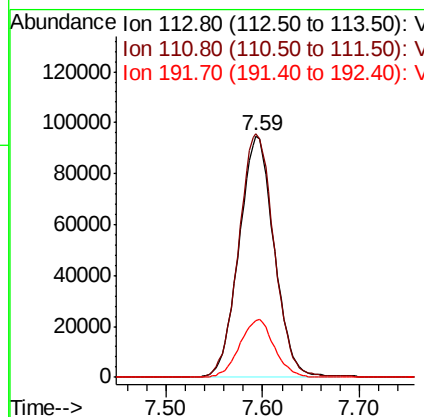
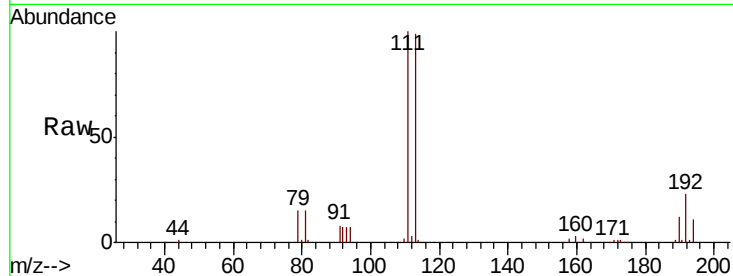




#35
 Dibromofluoromethane
 Concen: 48.70 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051235.D
 Acq: 15 Sep 2018 20:25

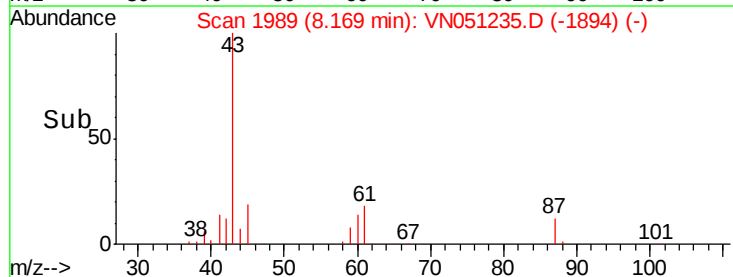
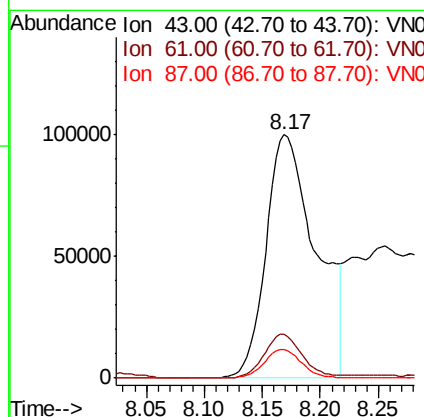
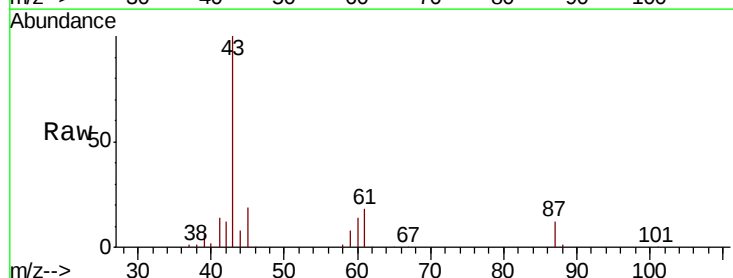
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112879ZHE#16

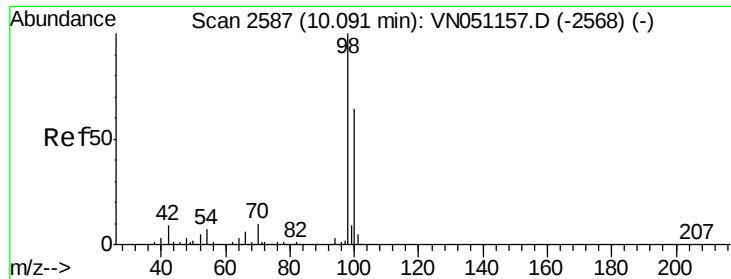
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.6
192	23.4	18.7	28.1



#43
 Isopropyl Acetate
 Concen: 40.79 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051235.D
 Acq: 15 Sep 2018 20:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	25.0	37.6#
87	8.9	11.8	17.8#





#50

Toluene-d8

Concen: 43.81 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051235.D

Acq: 15 Sep 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

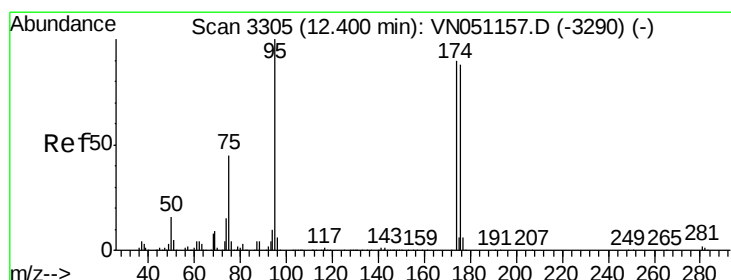
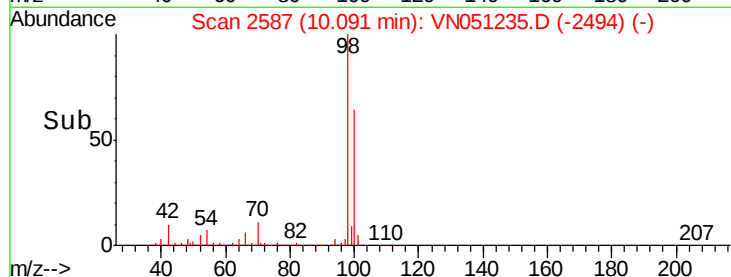
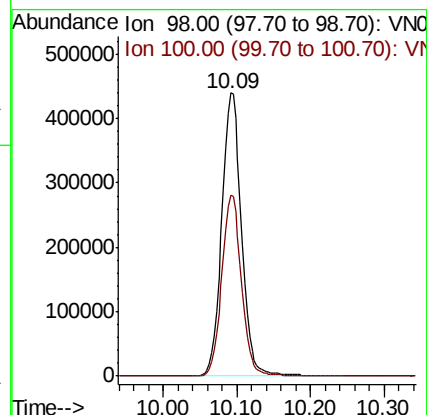
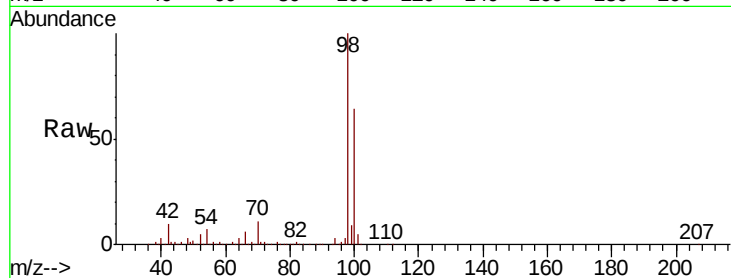
PB112879ZHE#16

Tot Ion: 98 Resp: 816694

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.12 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051235.D

Acq: 15 Sep 2018 20:25

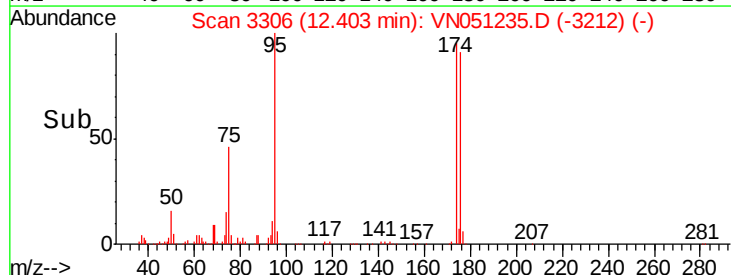
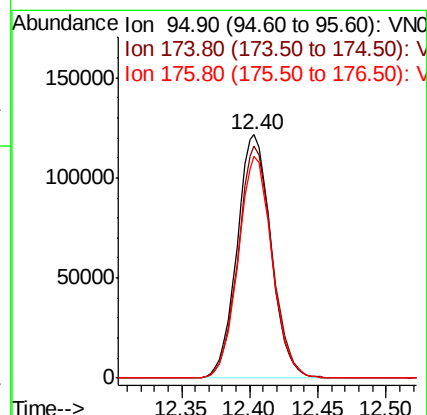
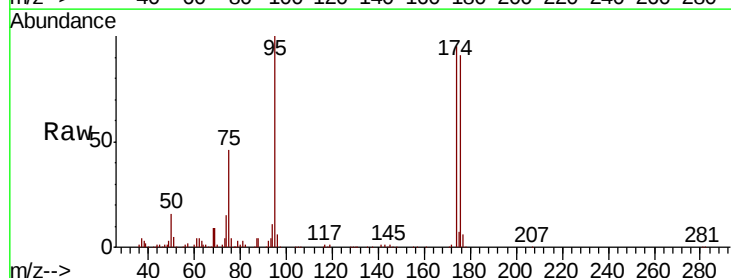
Tgt Ion: 95 Resp: 210409

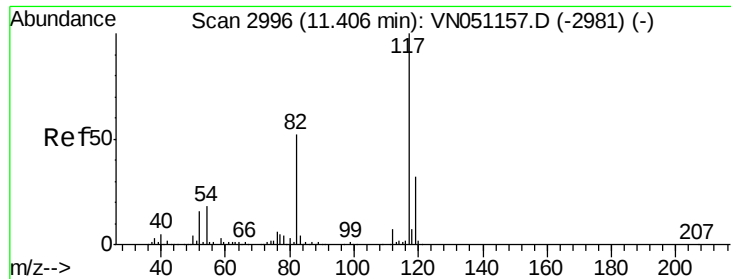
Ion Ratio Lower Upper

95 100

174 95.3 0.0 184.8

176 90.6 0.0 178.6

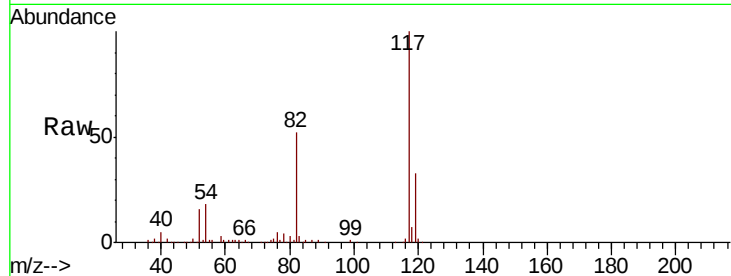




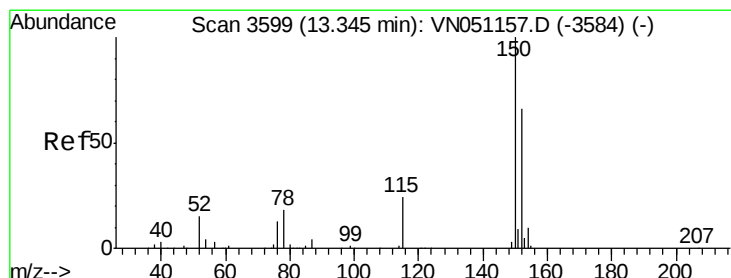
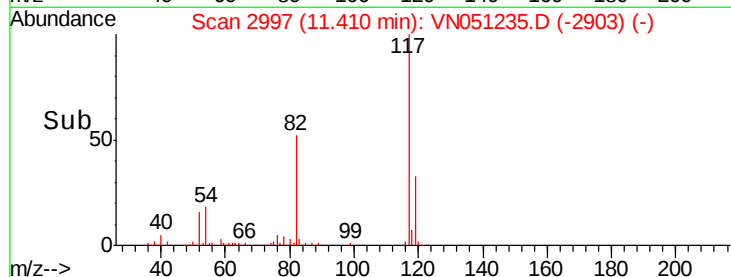
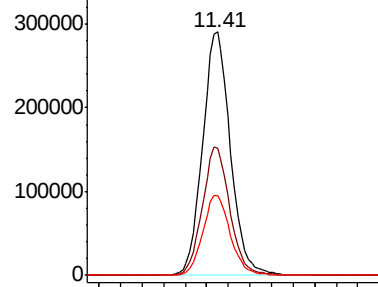
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051235.D
Acq: 15 Sep 2018 20:25

Instrument :
MSVOA_N
ClientSampleId :
PB112879ZHE#16

Tot Ion:117 Resp: 522022
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 33.0 26.2 39.2

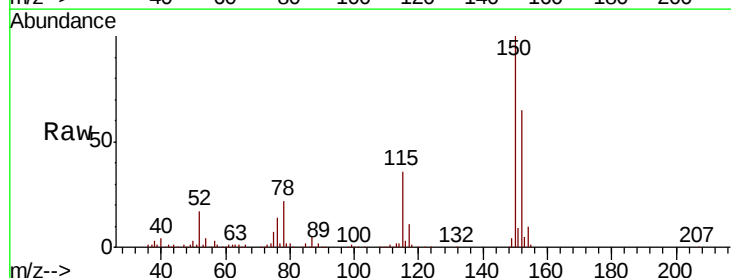


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051235.D
Acq: 15 Sep 2018 20:25

Tgt Ion:152 Resp: 152129
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.2 0.0 349.0



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

