

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059356.D
 Acq On : 22 Nov 2019 12:07
 Operator : JC/SP
 Sample : PB124958TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

Quant Time: Nov 22 13:40:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

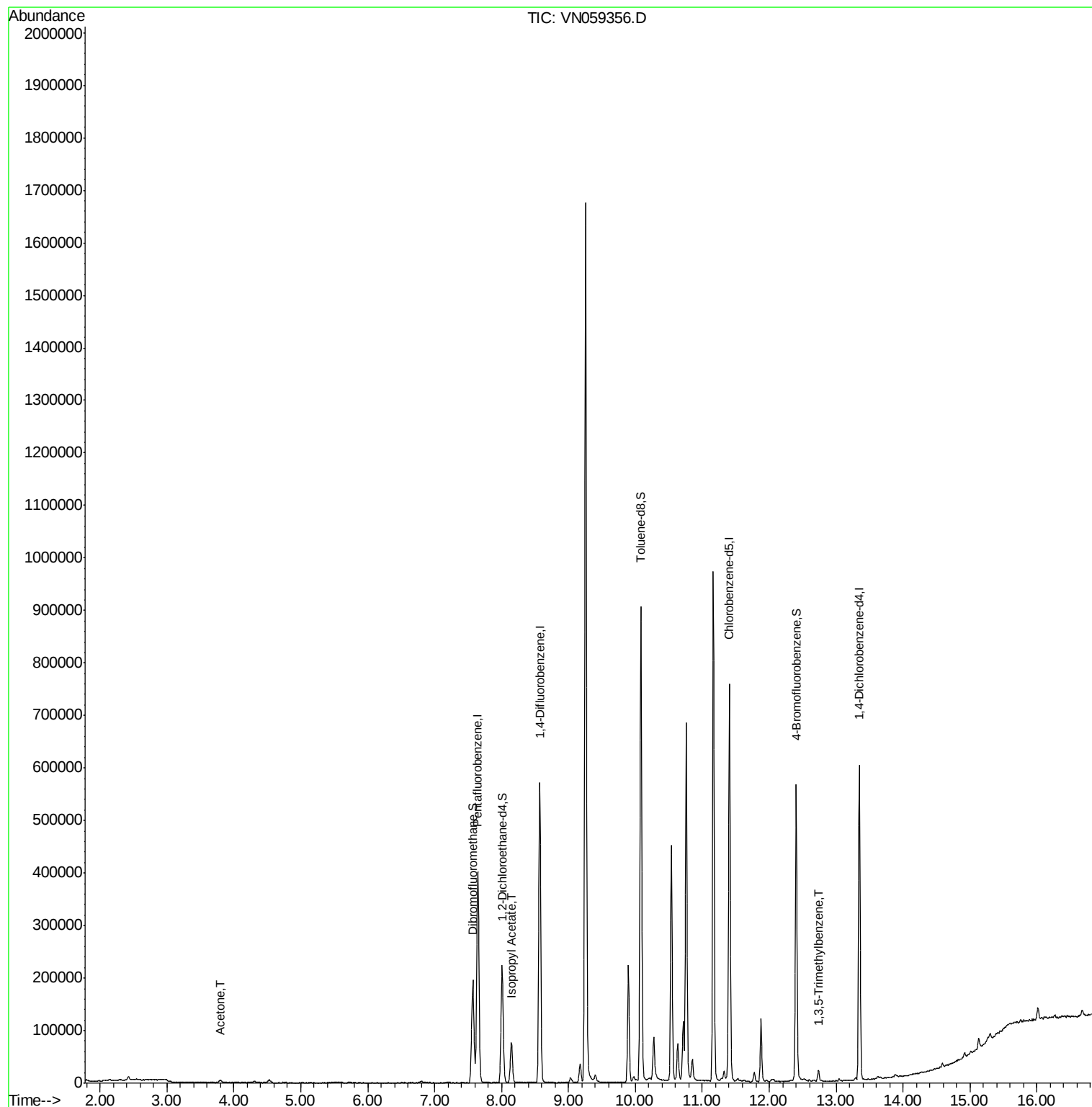
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	342041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	525270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	455349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	189767	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
35) Dibromofluoromethane	7.57	113	152772	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.08	98	638818	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	208400	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
16) Acetone	3.80	43	8302	4.512	ug/l	100
43) Isopropyl Acetate	8.15	43	92410	10.376	ug/l #	92
80) 1,3,5-Trimethylbenzene	12.74	105	12312	1.059	ug/l	99

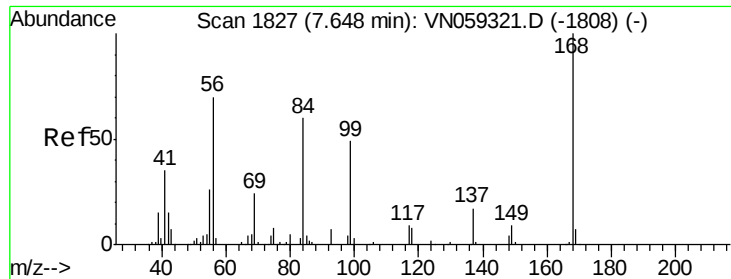
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

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MSVOA_N

ClientSampleId :

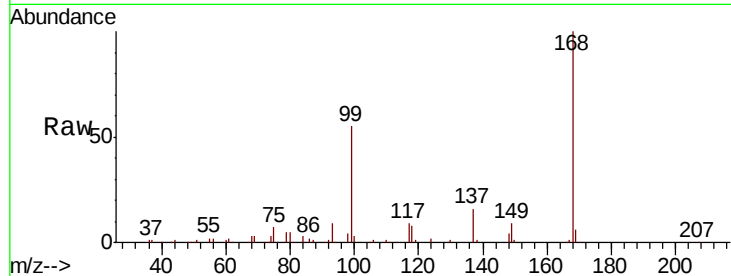
PB124958TB

Tot Ion:168 Resp: 342041

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.65

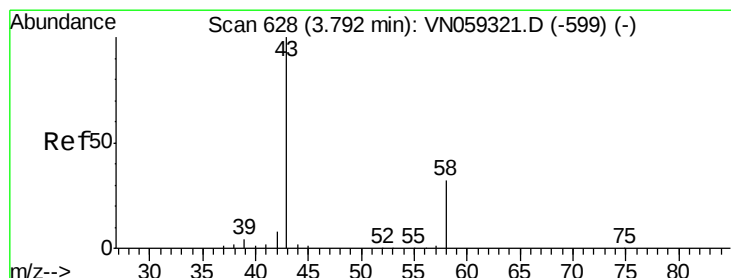
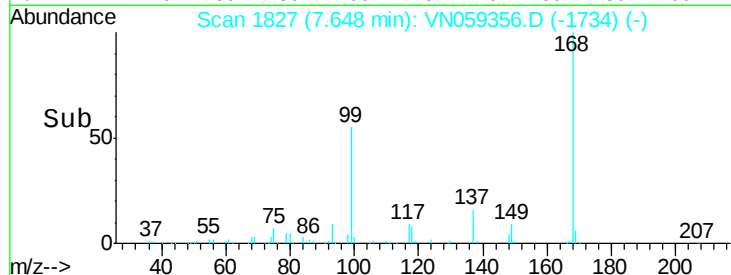
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.512 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059356.D

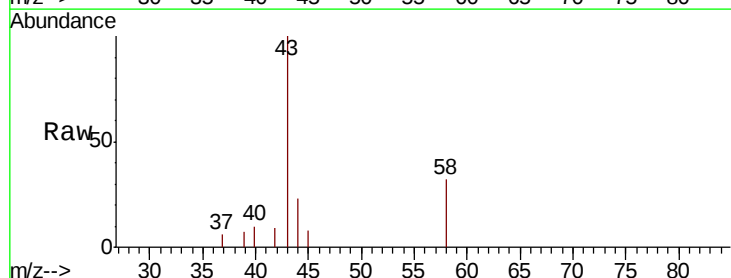
Acq: 22 Nov 2019 12:07

Tgt Ion: 43 Resp: 8302

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.80

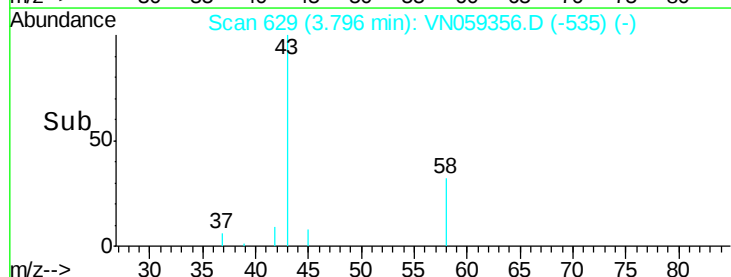
3000

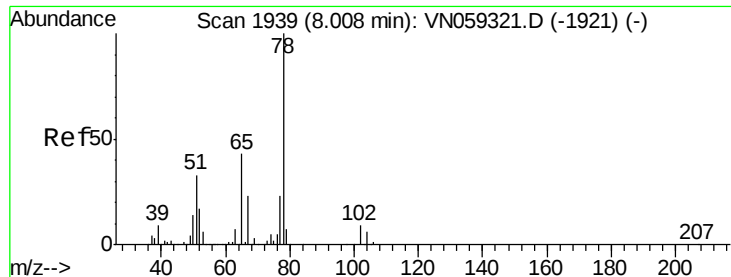
2000

1000

0

Time-->

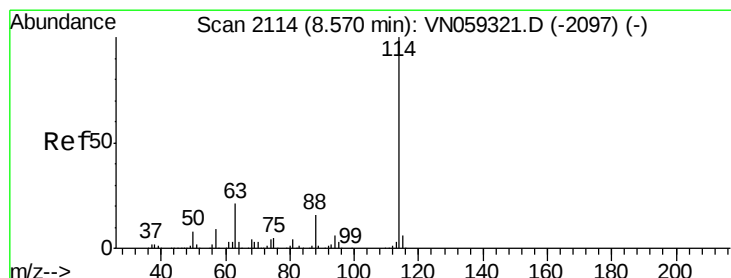
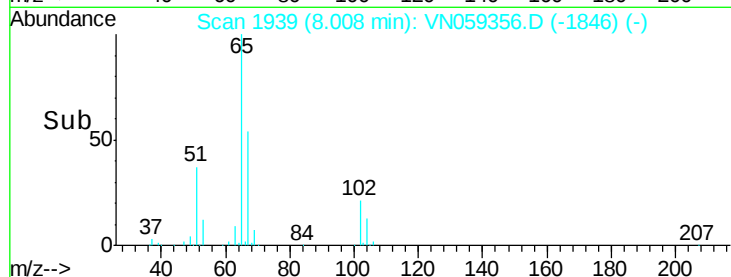
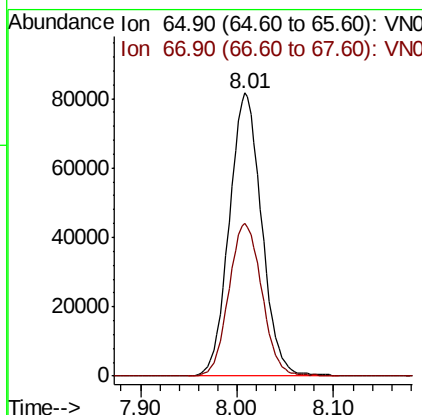
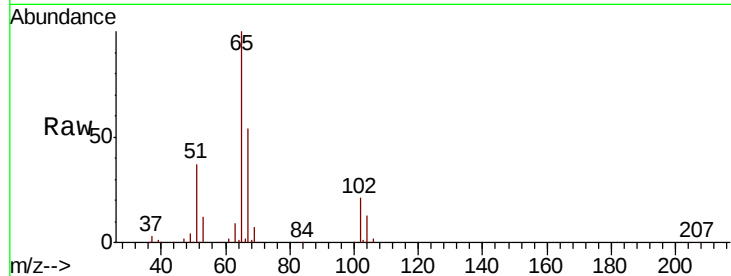




#33
 1,2-Dichloroethane-d4
 Concen: 46.240 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

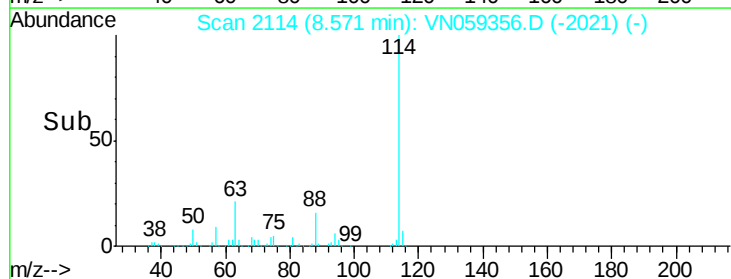
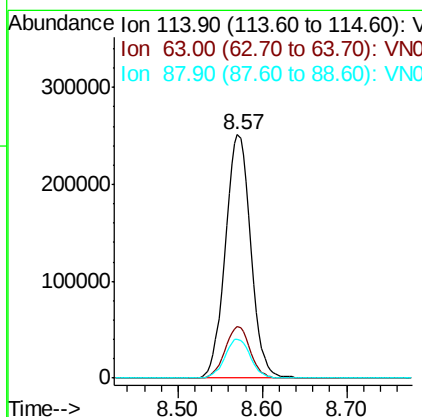
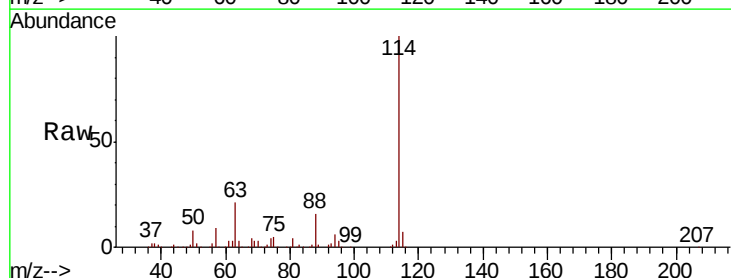
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

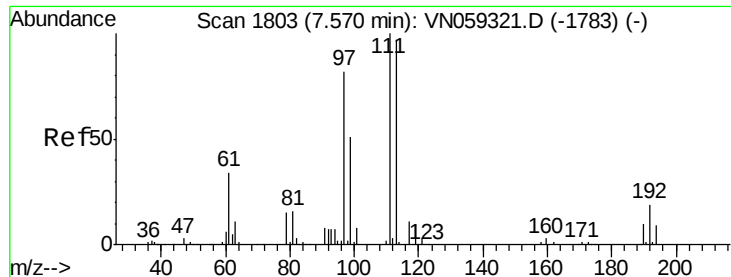
Tot Ion: 65 Resp: 189767
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion: 114 Resp: 525270
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 16.0 0.0 32.2

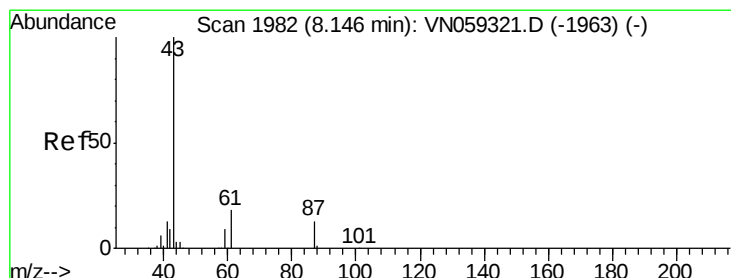
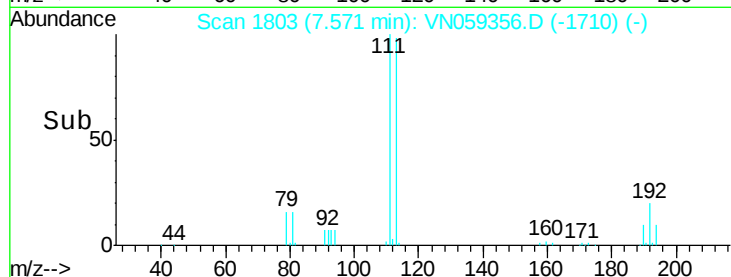
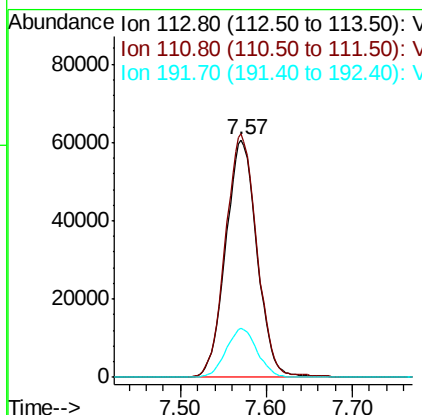
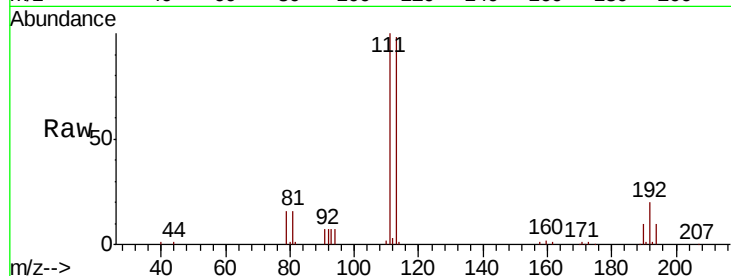




#35
 Dibromofluoromethane
 Concen: 48.479 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

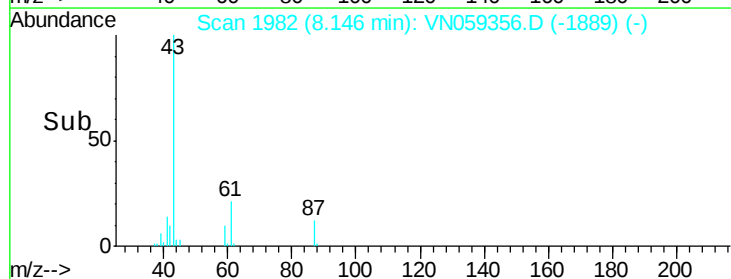
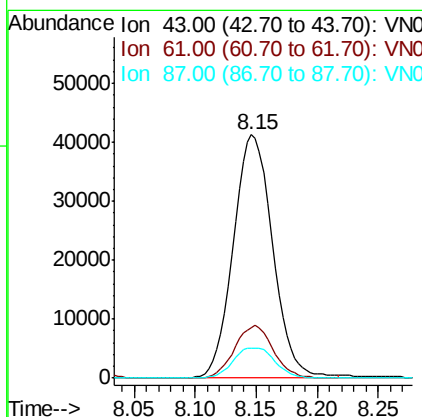
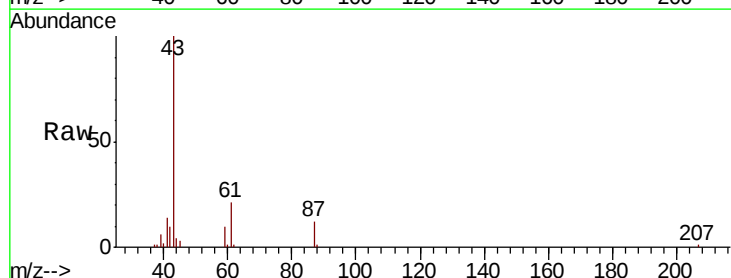
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

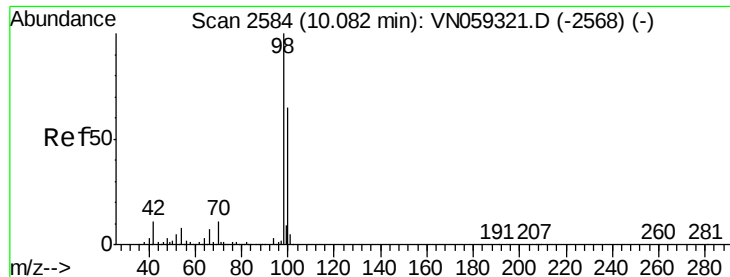
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	20.4	16.3	24.5



#43
 Isopropyl Acetate
 Concen: 10.376 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	21.7	32.5#
87	13.1	10.2	15.4





#50

Toluene-d8

Concen: 50.992 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

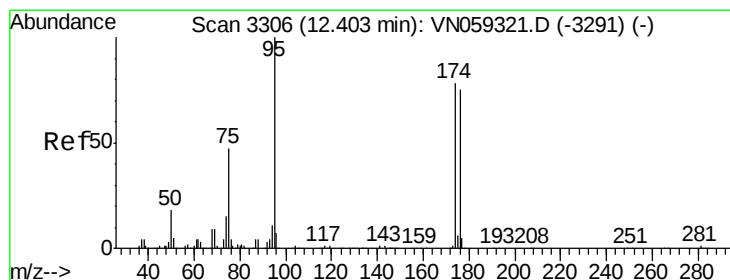
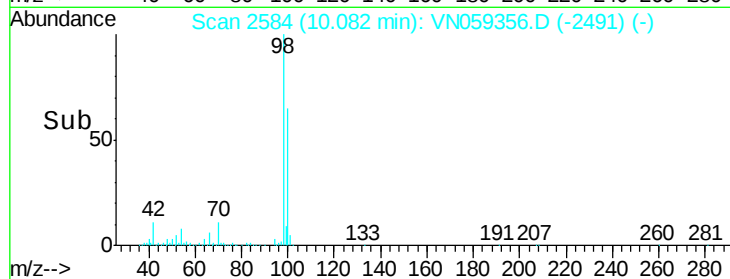
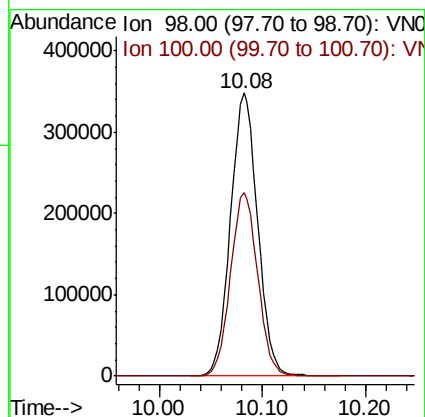
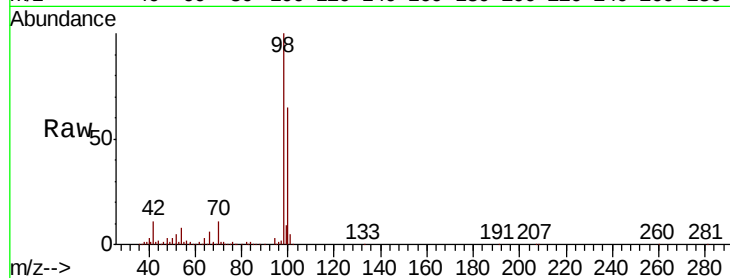
PB124958TB

Tot Ion: 98 Resp: 638818

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.575 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

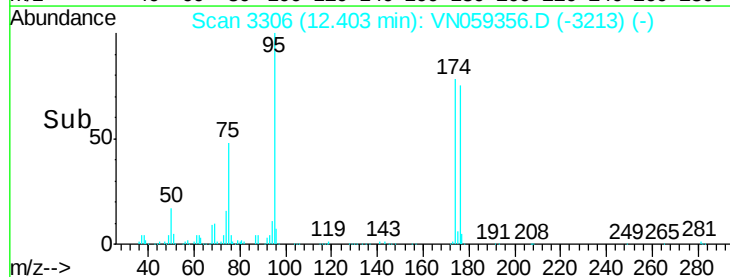
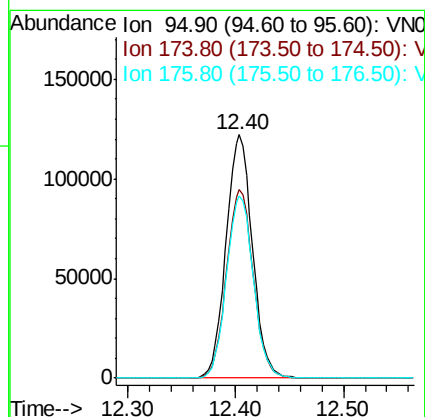
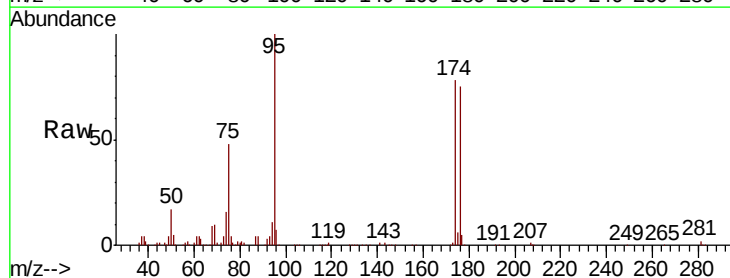
Tgt Ion: 95 Resp: 208400

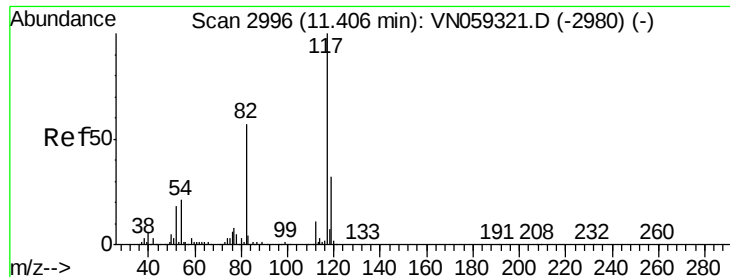
Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.4

176 76.1 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

PB124958TB

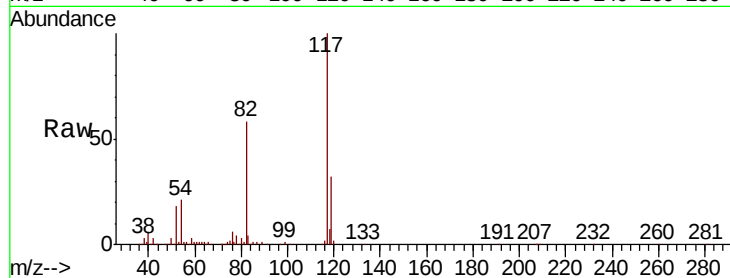
Tot Ion:117 Resp: 455349

Ion Ratio Lower Upper

117 100

82 57.7 45.7 68.5

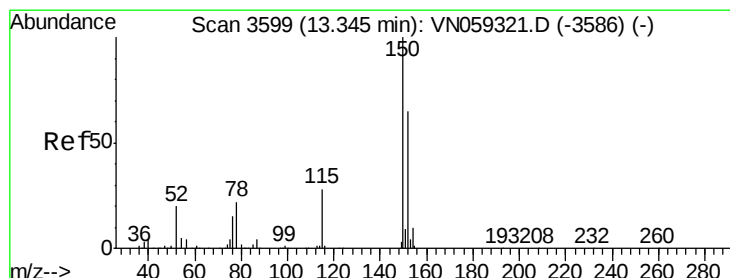
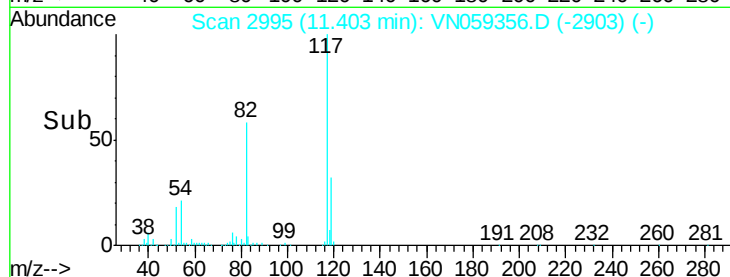
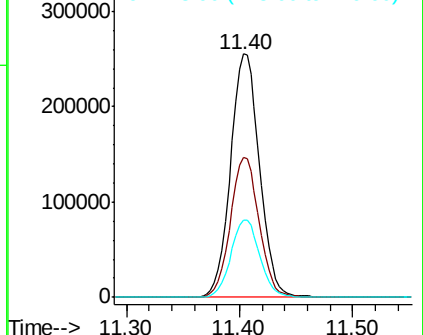
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

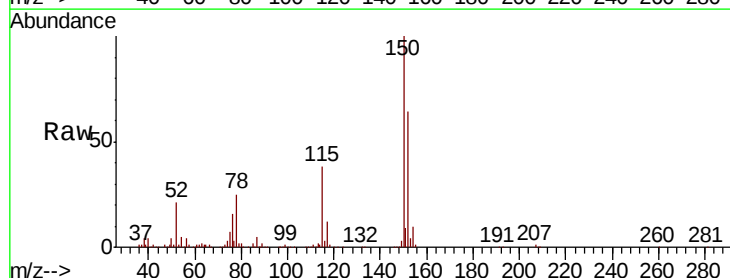
Tgt Ion:152 Resp: 168845

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

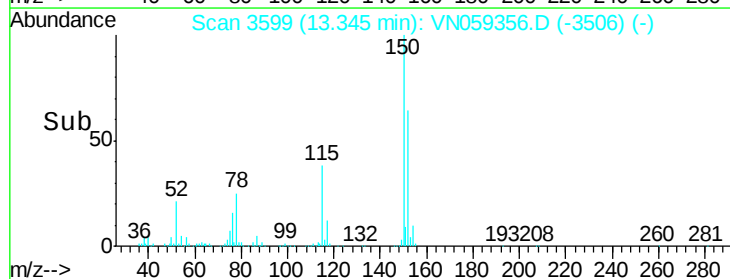
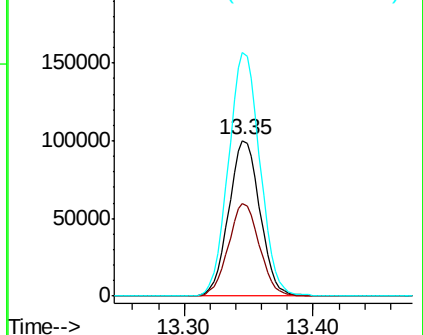
150 157.9 0.0 346.0

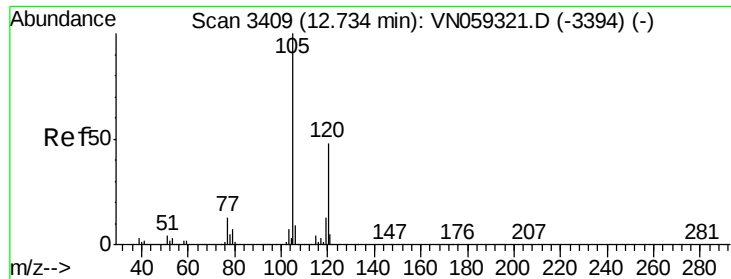


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80
 1,3,5-Trimethylbenzene
 Concen: 1.059 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN059356.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

Tot Ion:105 Resp: 12312
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

