

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059432.D
 Acq On : 27 Nov 2019 19:31
 Operator : JC/SP
 Sample : PB125140TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125140TB

Quant Time: Nov 29 03:20:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

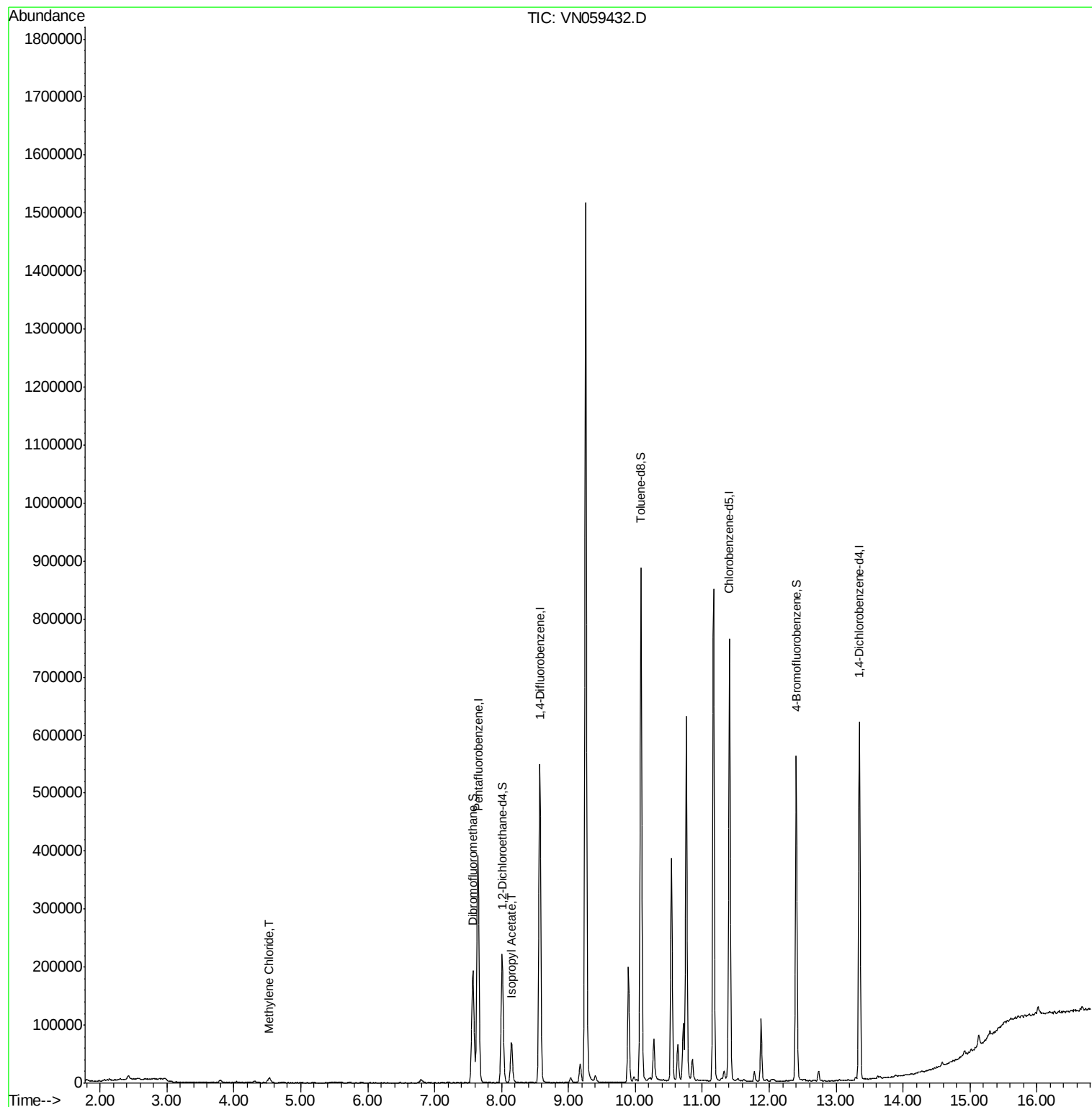
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	507603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	188578	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	7.57	113	152820	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.08	98	620315	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	204884	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
Target Compounds						
20) Methylene Chloride	4.53	84	7468	1.981	ug/l	88
43) Isopropyl Acetate	8.15	43	84448	10.763	ug/l #	90

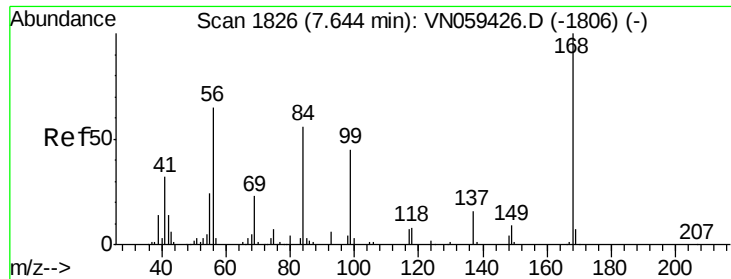
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

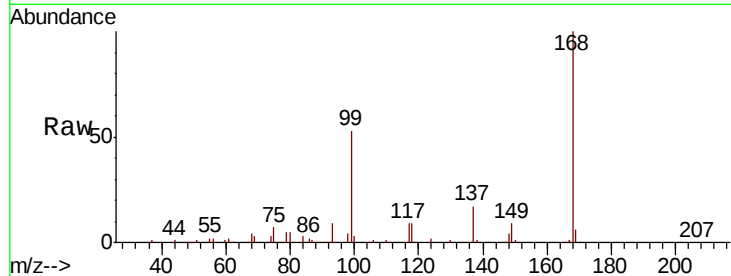
PB125140TB

Tot Ion:168 Resp: 332534

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

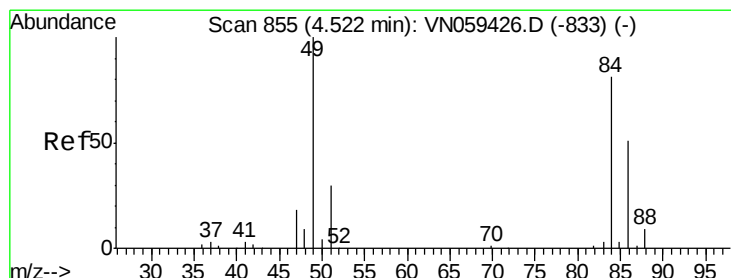
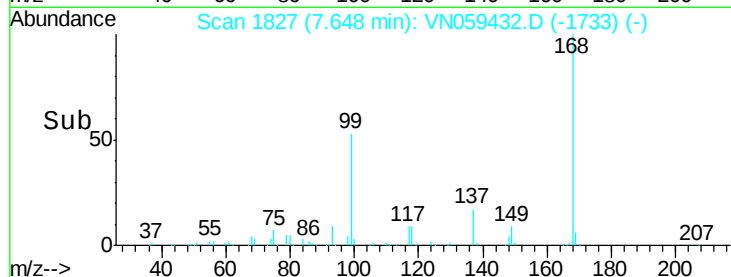
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.981 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Tgt Ion: 84 Resp: 7468

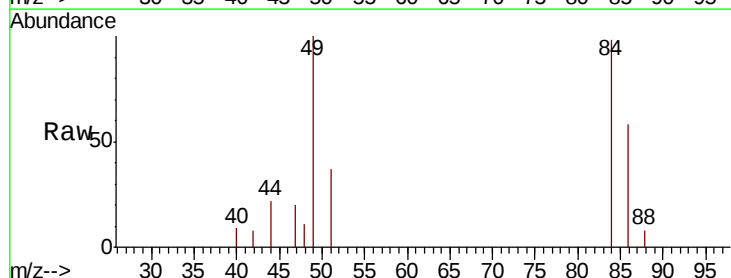
Ion Ratio Lower Upper

84 100

49 101.7 98.6 148.0

51 37.2 29.4 44.0

86 58.7 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.53

3000

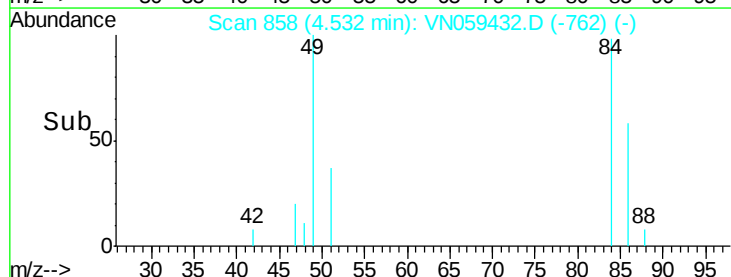
2000

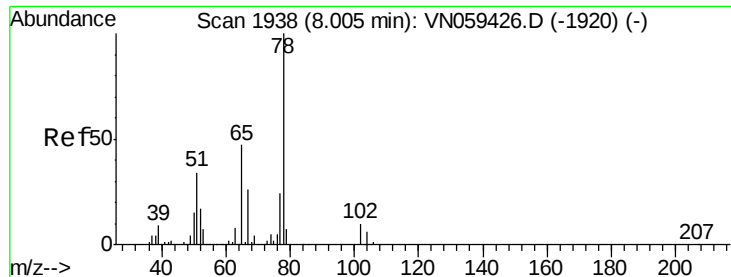
1000

0

4.45 4.50 4.55 4.60 4.65

Time-->

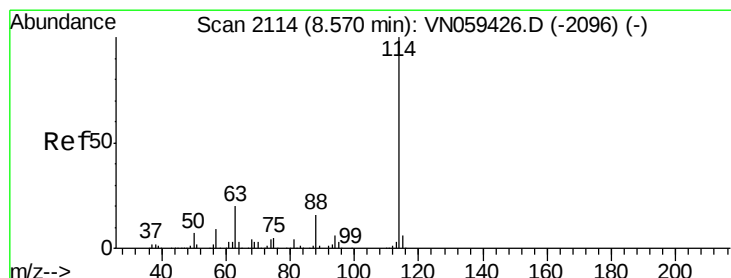
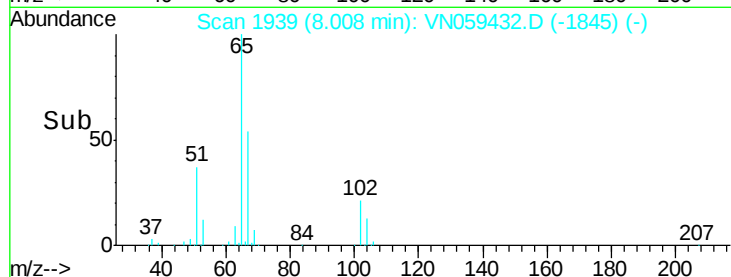
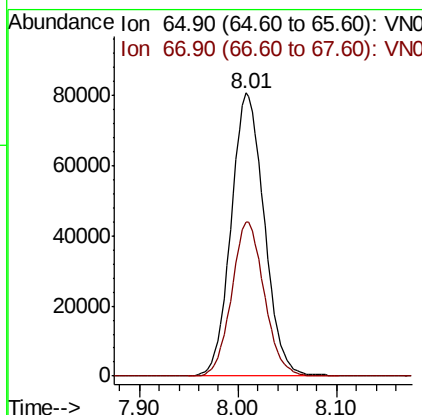
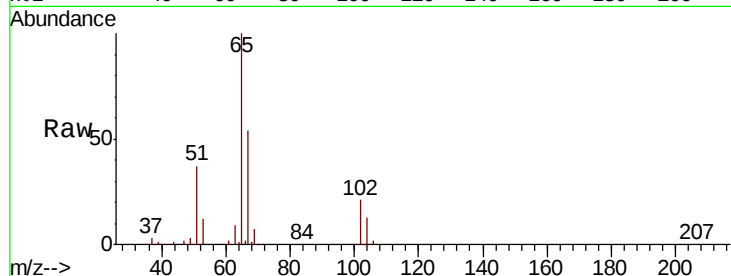




#33
 1,2-Dichloroethane-d4
 Concen: 48.412 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

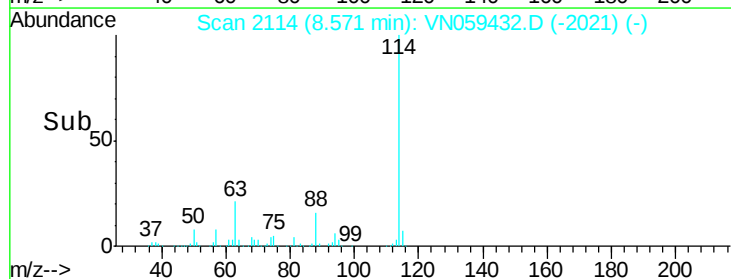
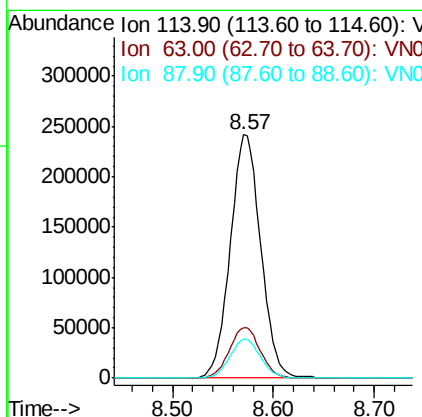
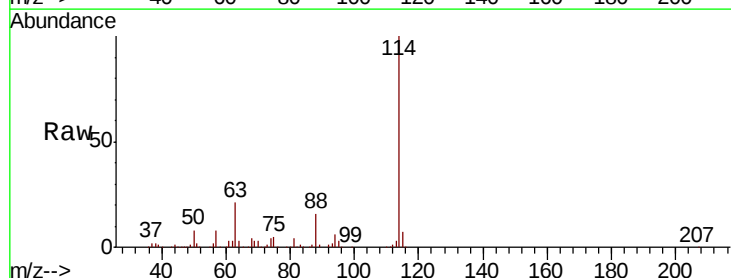
Instrument :
 MSVOA_N
 ClientSampled :
 PB125140TB

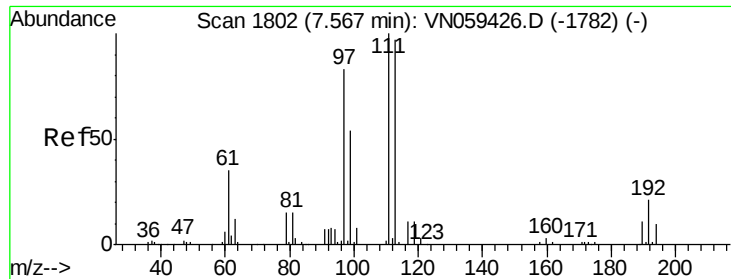
Tot Ion: 65 Resp: 188578
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion: 114 Resp: 507603
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.9 0.0 32.2

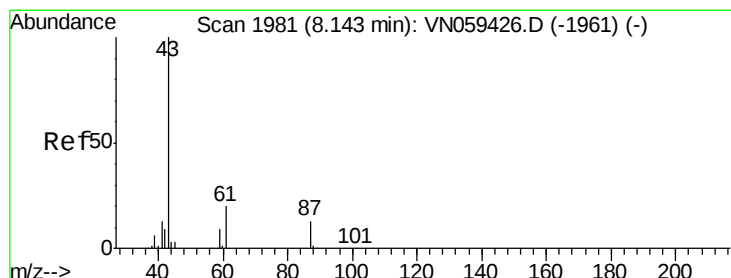
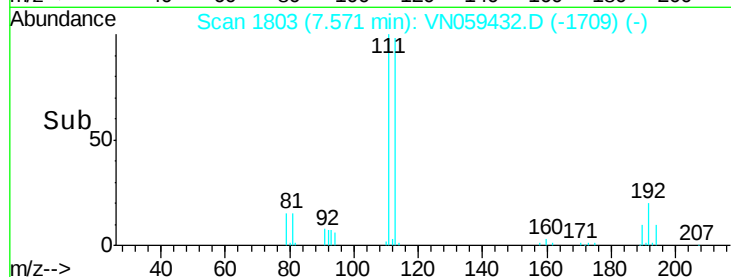
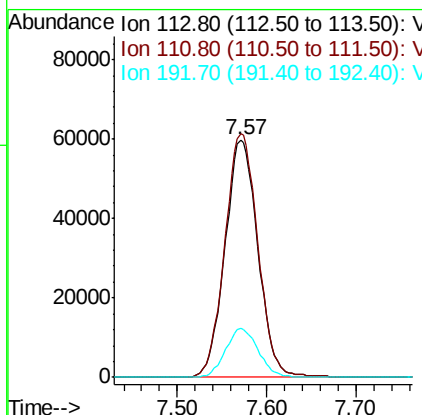
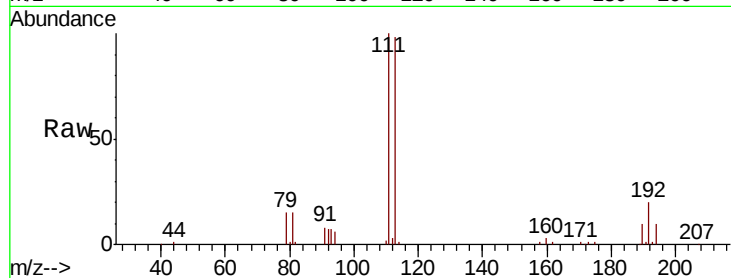




#35
 Dibromofluoromethane
 Concen: 49.426 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

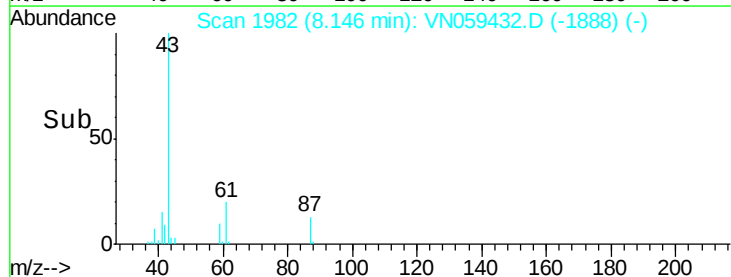
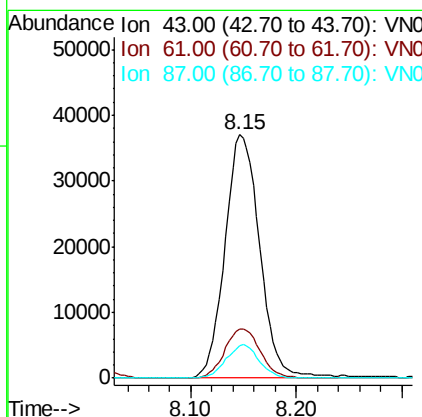
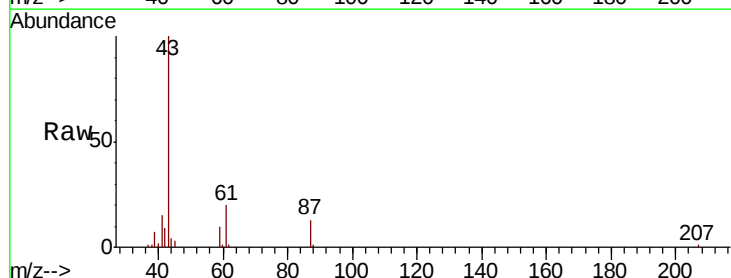
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125140TB

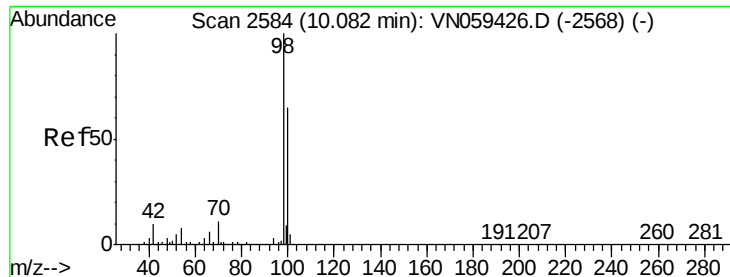
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.4	16.6	24.8



#43
 Isopropyl Acetate
 Concen: 10.763 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059432.D
 Acq: 27 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	22.2	33.2#
87	12.9	10.7	16.1





#50

Toluene-d8

Concen: 50.351 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

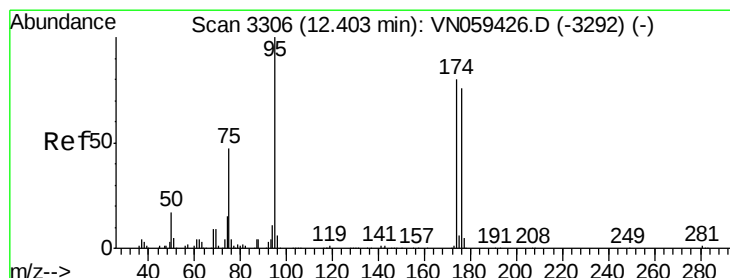
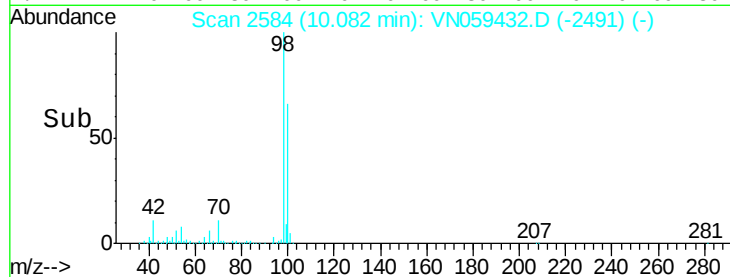
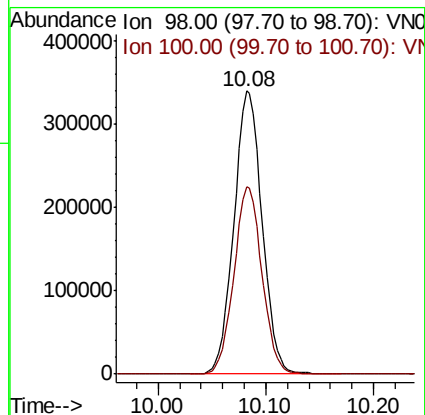
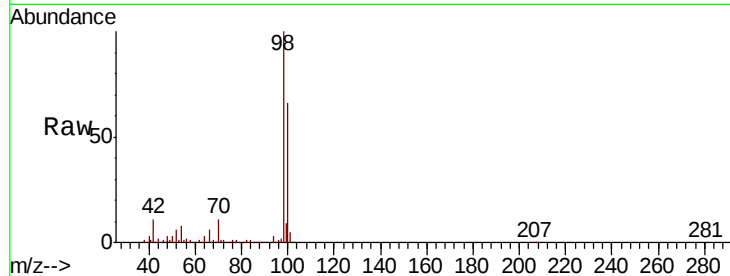
PB125140TB

Tot Ion: 98 Resp: 620315

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.764 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059432.D

Acq: 27 Nov 2019 19:31

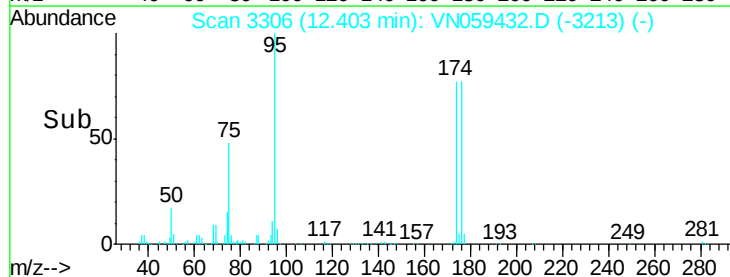
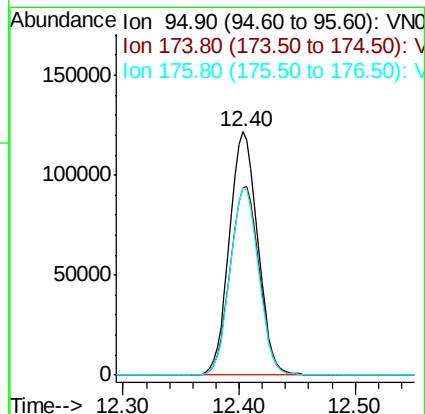
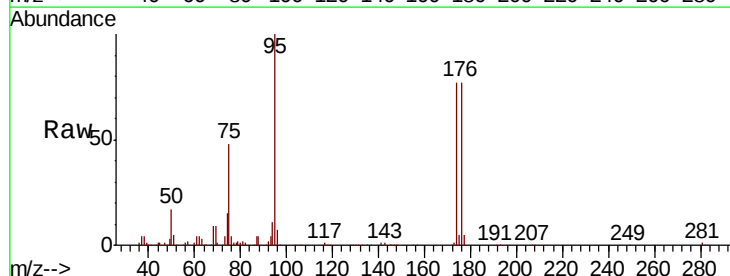
Tgt Ion: 95 Resp: 204884

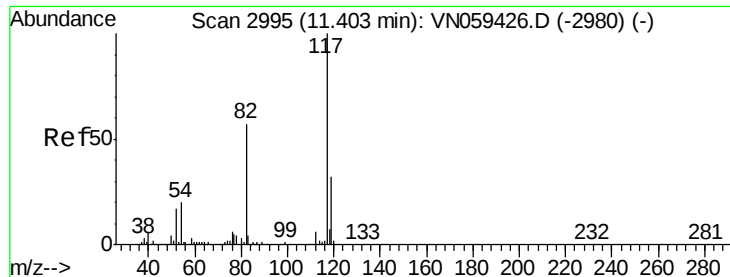
Ion Ratio Lower Upper

95 100

174 79.4 0.0 158.0

176 77.0 0.0 153.0

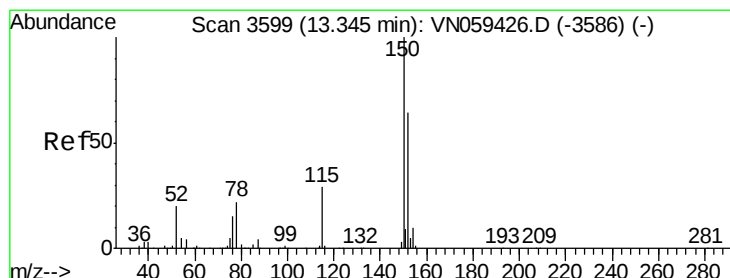
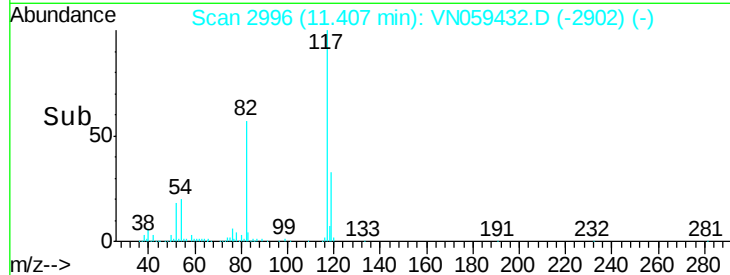
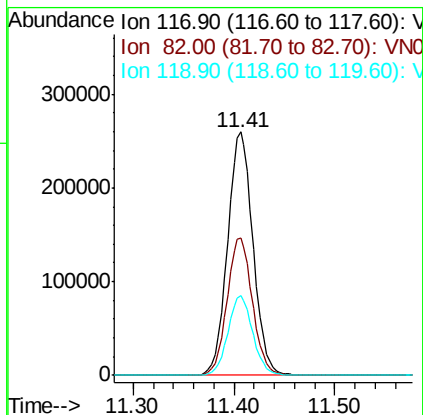
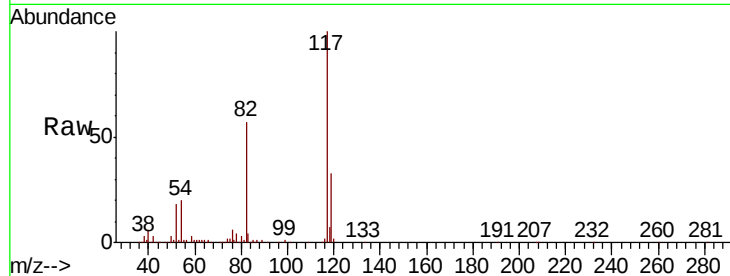




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Instrument :
MSVOA_N
ClientSampleId :
PB125140TB

Tot Ion:117 Resp: 455048
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059432.D
Acq: 27 Nov 2019 19:31

Tgt Ion:152 Resp: 175779
Ion Ratio Lower Upper
152 100
115 59.0 29.5 88.6
150 156.5 0.0 347.2

