

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059183.D
 Acq On : 12 Nov 2019 12:32
 Operator : JC/SP
 Sample : PB124708TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

Quant Time: Nov 13 06:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

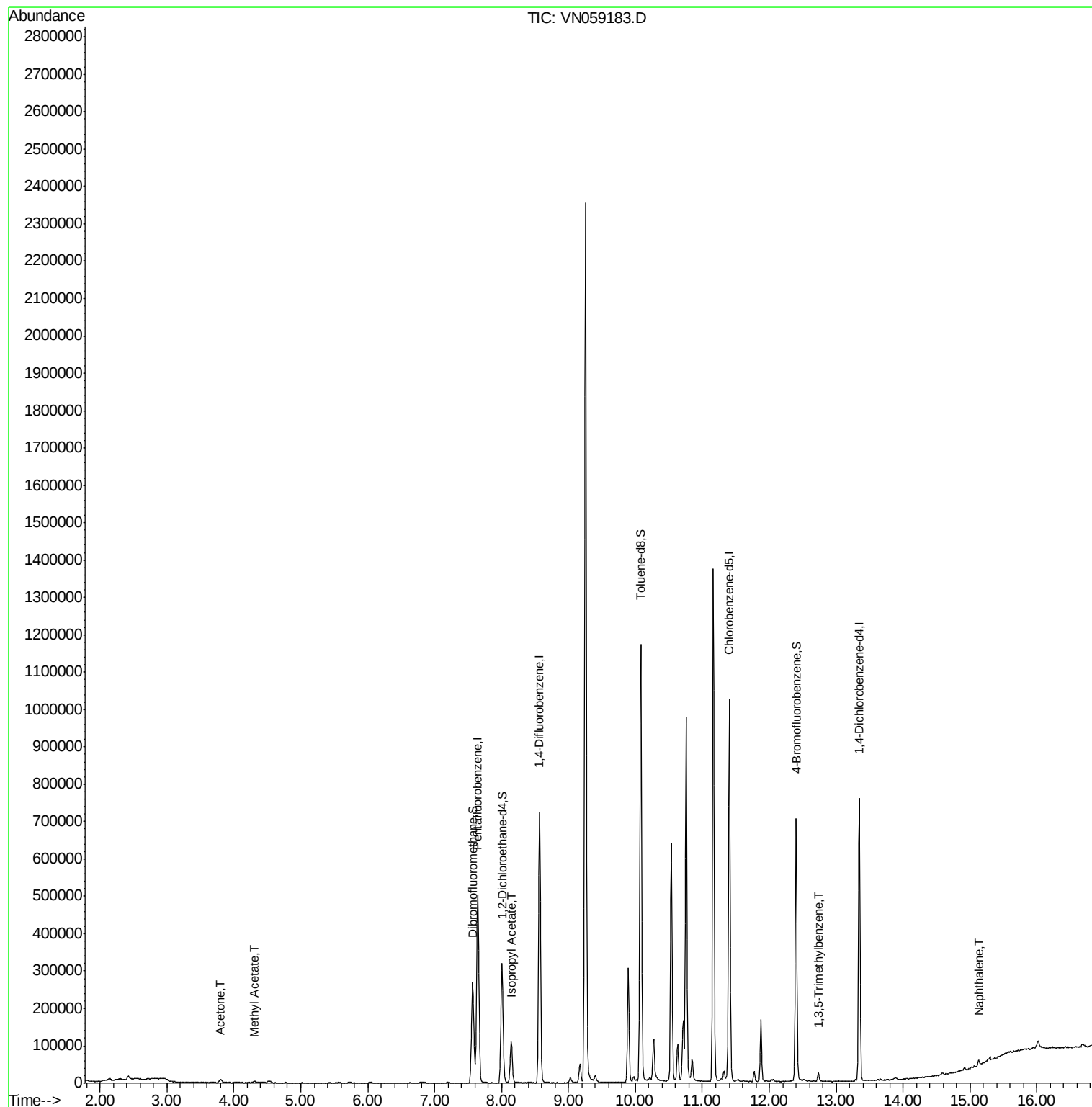
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	406443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	641865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	585057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	273125	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.57	113	205353	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	10.08	98	815305	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.40	95	251067	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
16) Acetone	3.80	43	14614	5.625	ug/l	93
18) Methyl Acetate	4.31	43	6283	1.019	ug/l #	82
43) Isopropyl Acetate	8.15	43	132297	12.433	ug/l #	91
80) 1,3,5-Trimethylbenzene	12.73	105	13457	1.080	ug/l	97
95) Naphthalene	15.13	128	10319	3.970	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

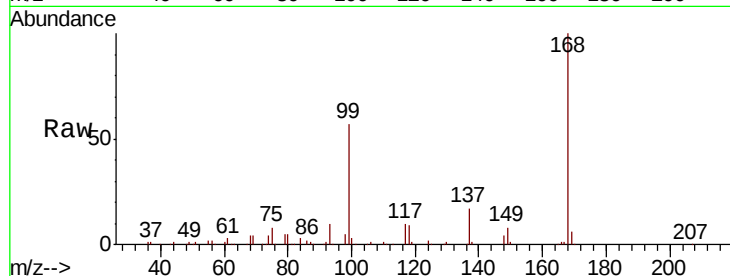
PB124708TB

Tot Ion:168 Resp: 406443

Ion Ratio Lower Upper

168 100

99 57.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

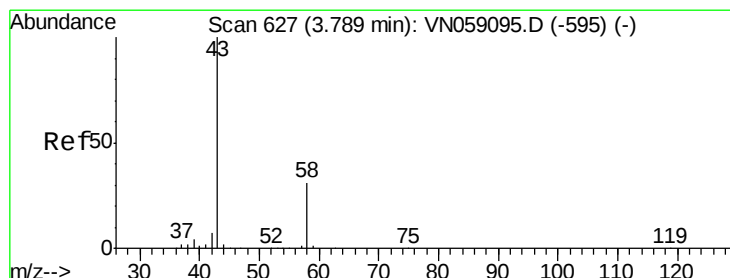
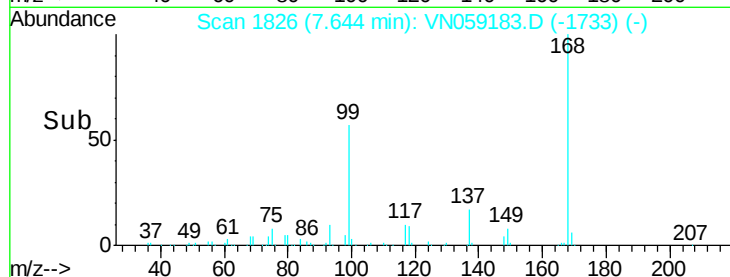
0

7.64

7.60

7.70

Time-->



#16

Acetone

Concen: 5.625 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059183.D

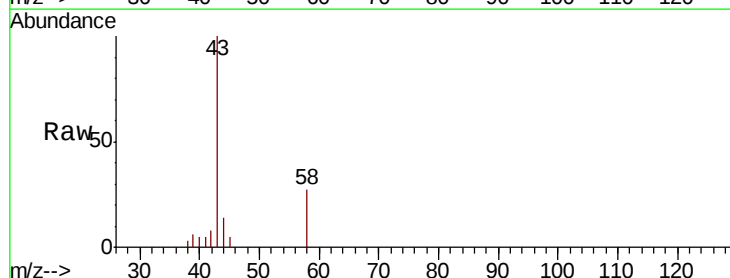
Acq: 12 Nov 2019 12:32

Tgt Ion: 43 Resp: 14614

Ion Ratio Lower Upper

43 100

58 27.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

6000

5000

4000

3000

2000

1000

0

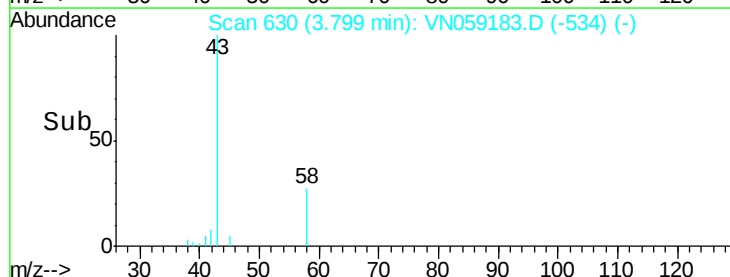
3.80

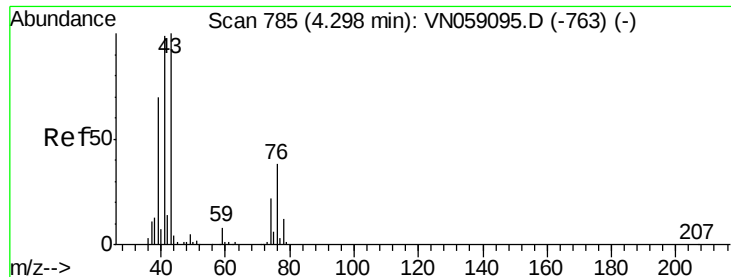
3.70

3.75

3.85

Time-->

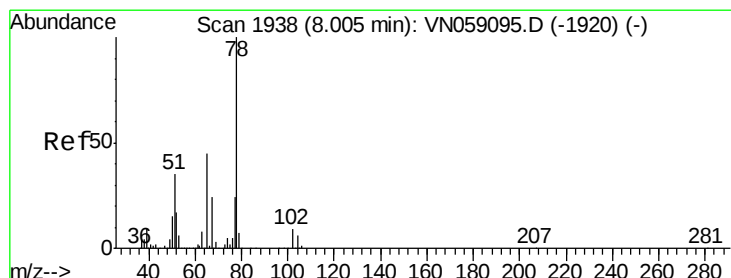
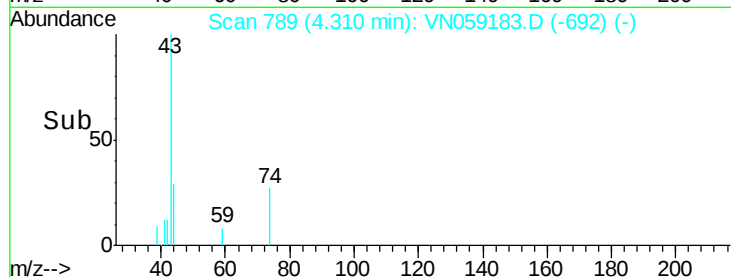
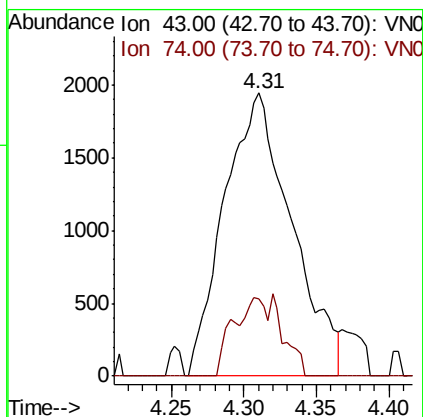
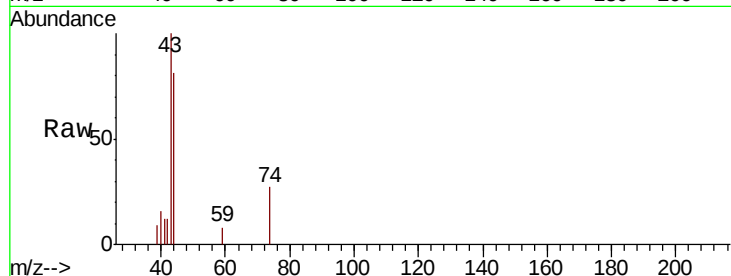




#18
Methvl Acetate
Concen: 1.019 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

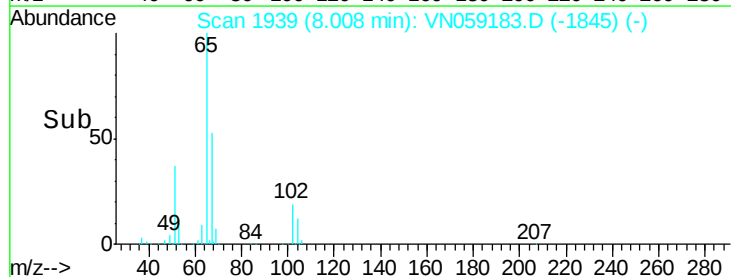
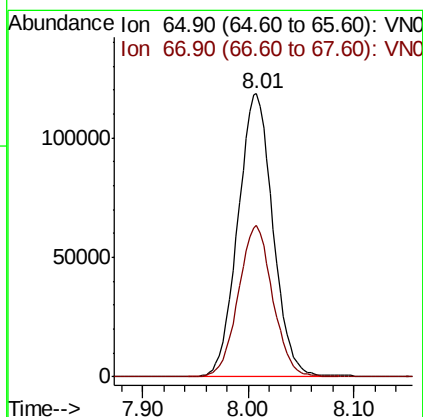
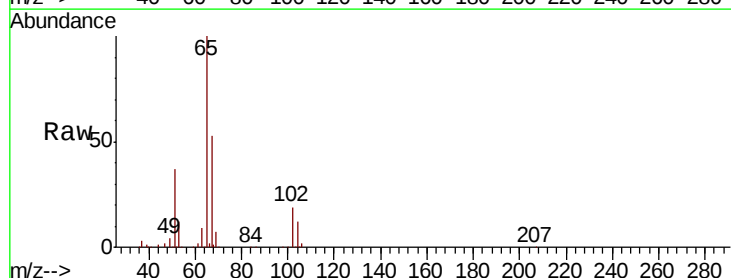
Instrument :
MSVOA_N
ClientSampleId :
PB124708TB

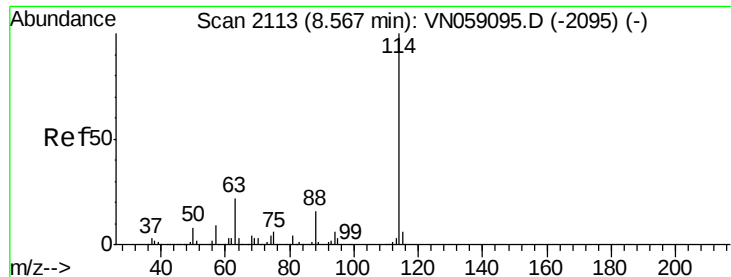
Tot Ion: 43 Resp: 6283
Ion Ratio Lower Upper
43 100
74 13.6 17.8 26.8#



#33
1,2-Dichloroethane-d4
Concen: 54.666 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion: 65 Resp: 273125
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

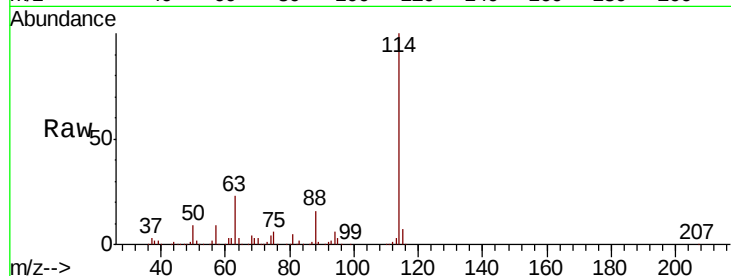




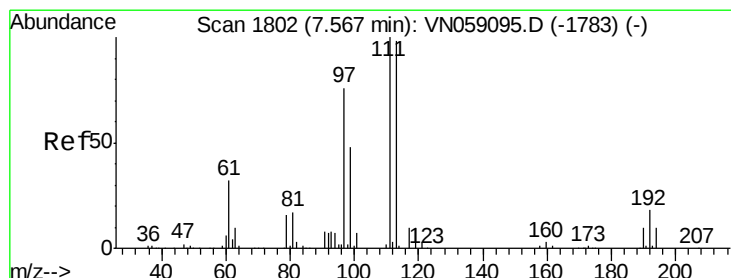
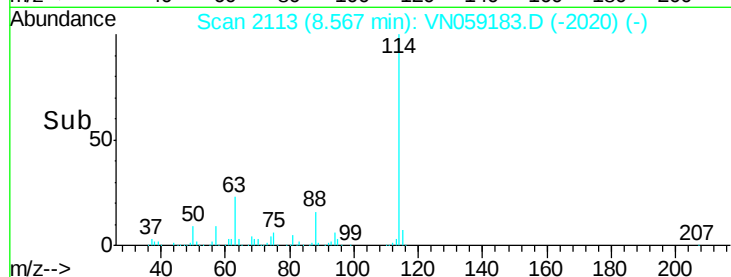
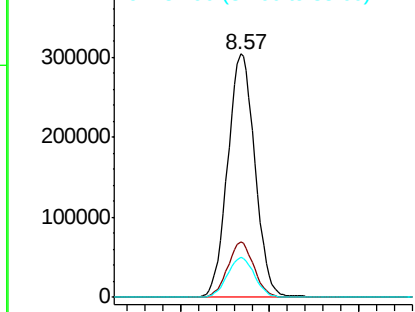
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124708TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	16.3	0.0	32.2

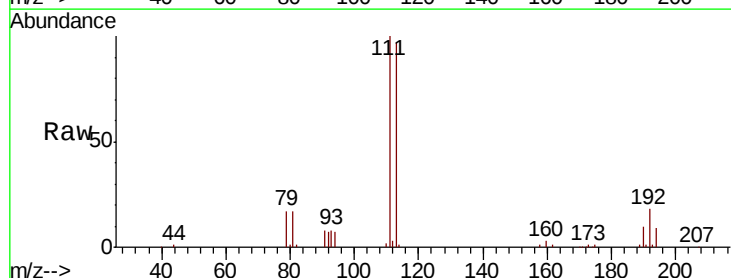


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

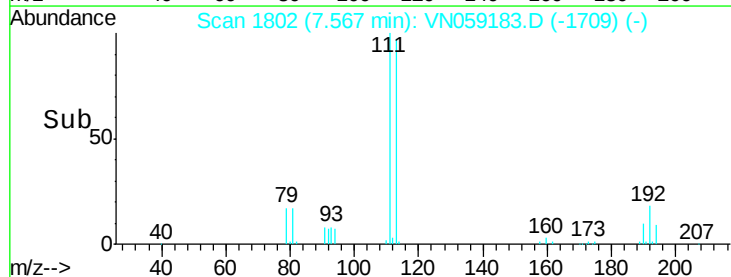
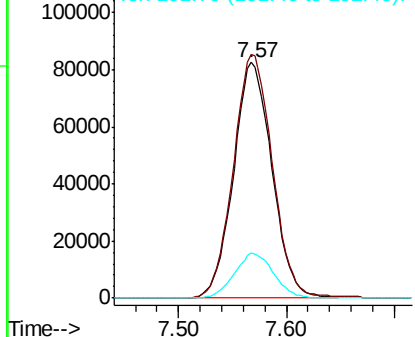


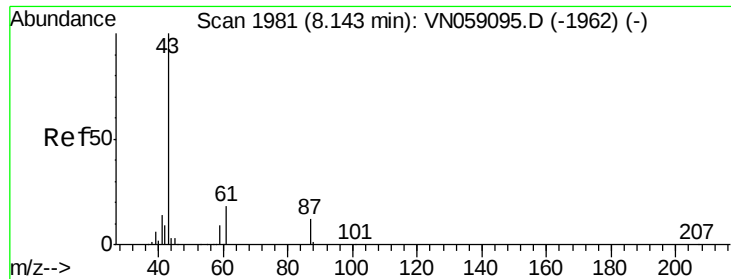
#35
 Dibromofluoromethane
 Concen: 53.581 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059183.D
 Acq: 12 Nov 2019 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.8	124.2
192	19.4	16.1	24.1



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

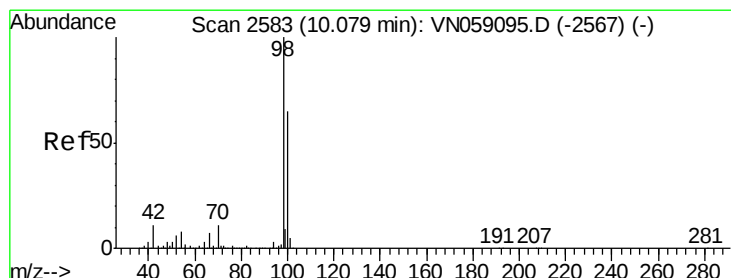
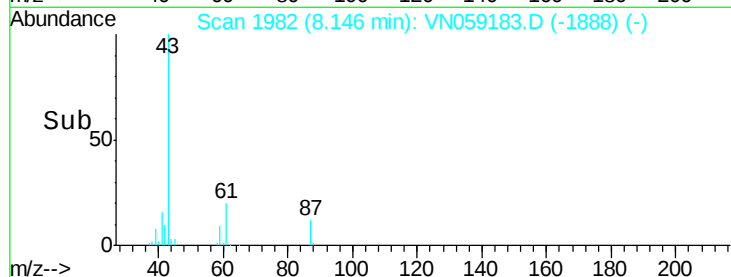
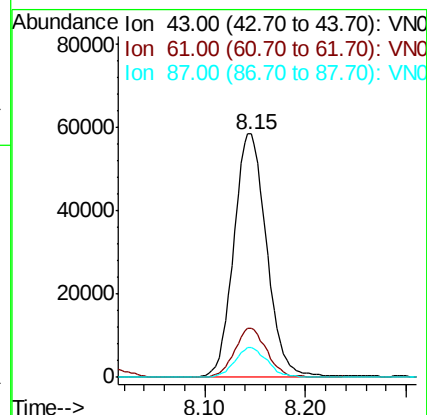
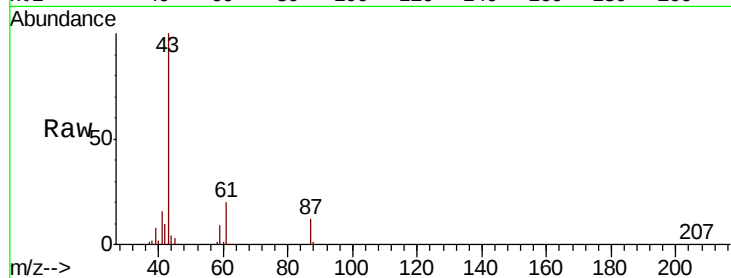




#43
Isopropyl Acetate
Concen: 12.433 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

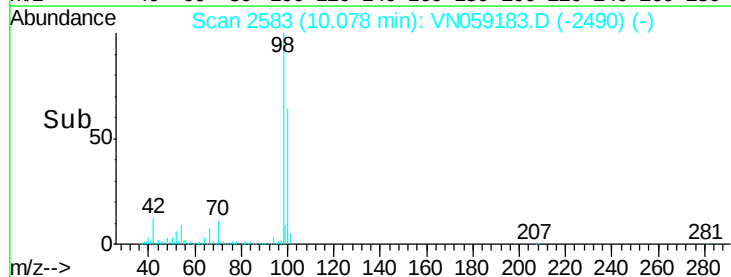
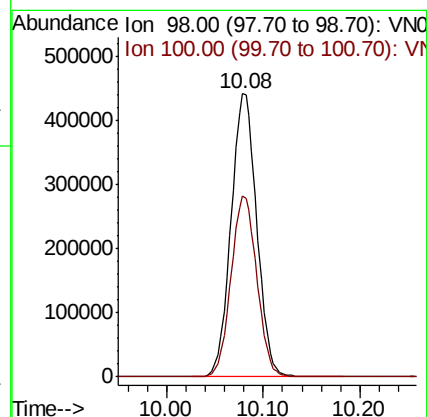
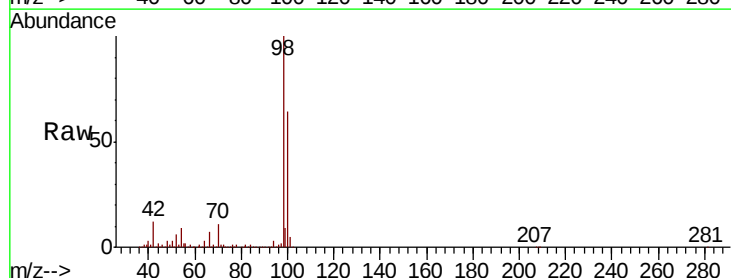
Instrument :
MSVOA_N
ClientSampleId :
PB124708TB

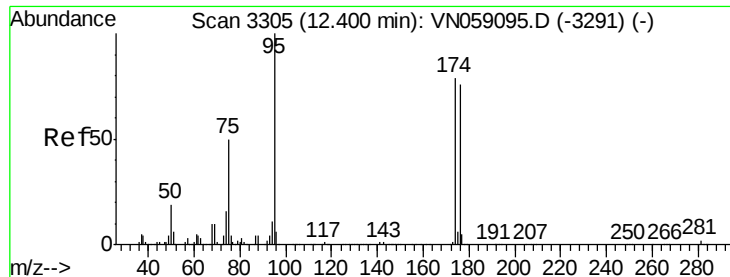
Tot Ion: 43 Resp: 132297
Ion Ratio Lower Upper
43 100
61 19.7 21.0 31.6#
87 12.0 9.8 14.6



#50
Toluene-d8
Concen: 54.008 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059183.D
Acq: 12 Nov 2019 12:32

Tgt Ion: 98 Resp: 815305
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.126 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

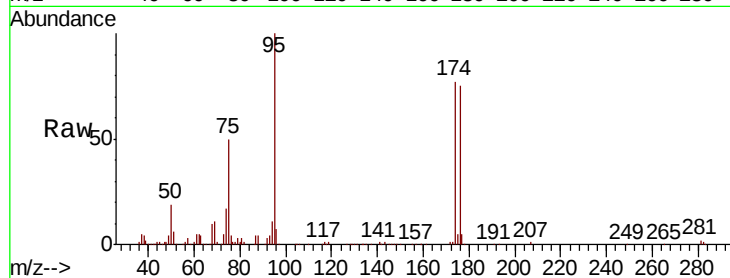
Tot Ion: 95 Resp: 251067

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

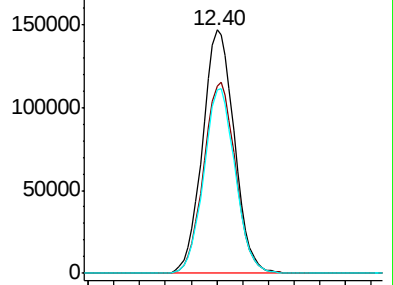
176 75.3 0.0 151.8



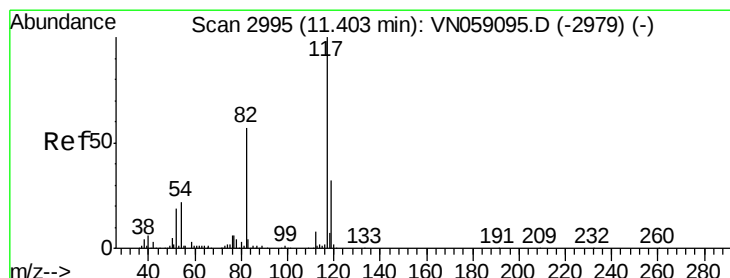
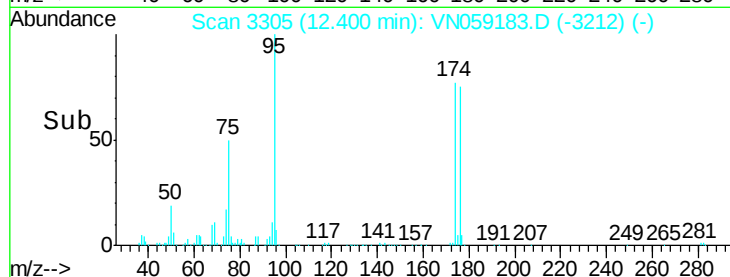
Abundance Ion 94.90 (94.60 to 95.60): VN059183.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059183.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059183.D (-3212) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

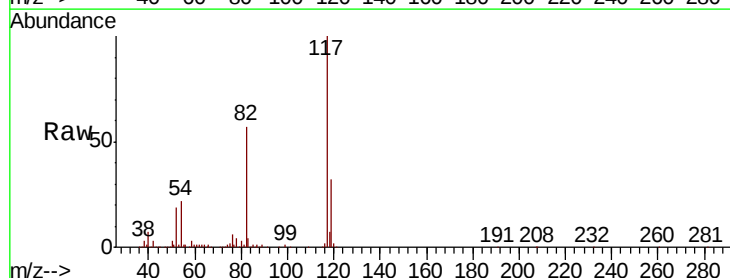
Tgt Ion: 117 Resp: 585057

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

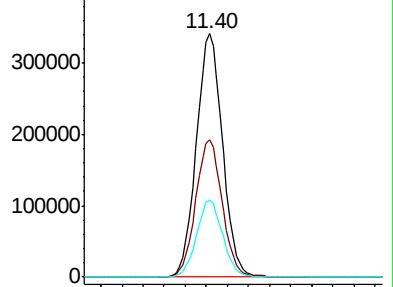
119 31.7 25.8 38.6



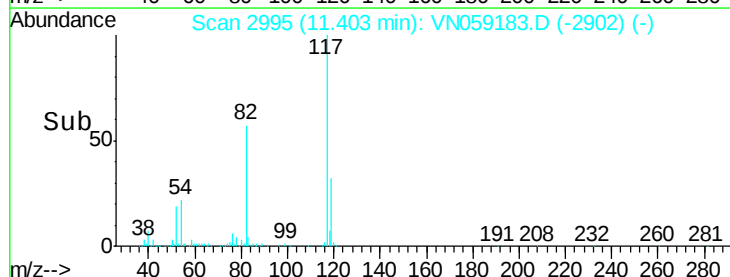
Abundance Ion 116.90 (116.60 to 117.60): VN059183.D (-2902) (-)

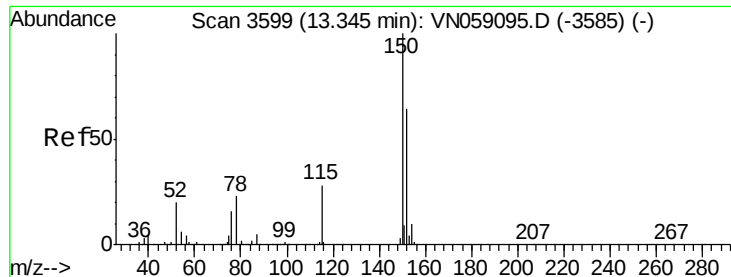
Ion 82.00 (81.70 to 82.70): VN059183.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059183.D (-2902) (-)



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

PB124708TB

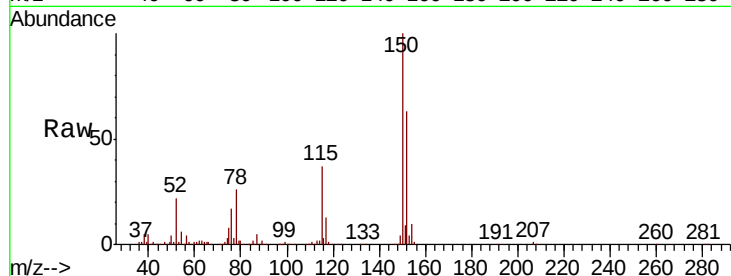
Tot Ion:152 Resp: 202136

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

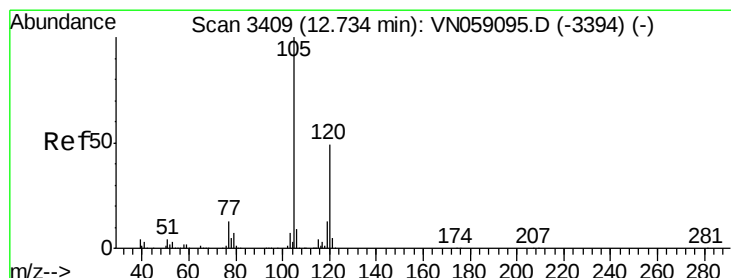
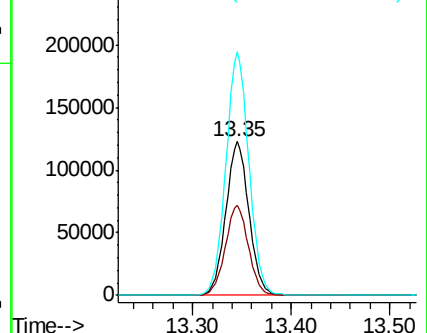
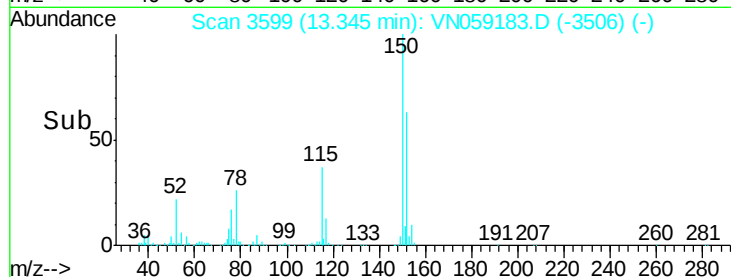
150 157.7 0.0 345.8



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: 1.080 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059183.D

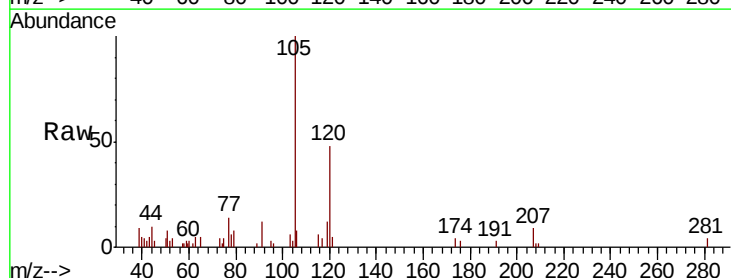
Acq: 12 Nov 2019 12:32

Tgt Ion:105 Resp: 13457

Ion Ratio Lower Upper

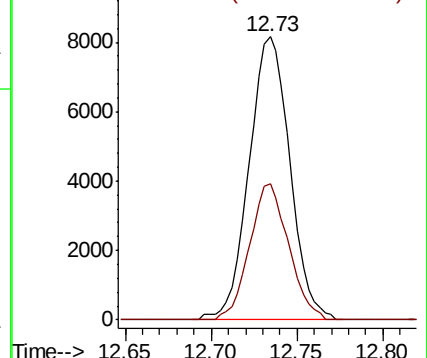
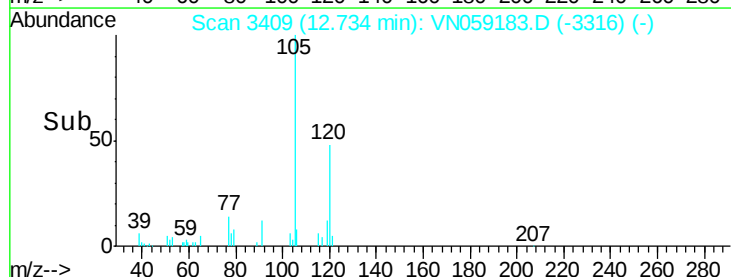
105 100

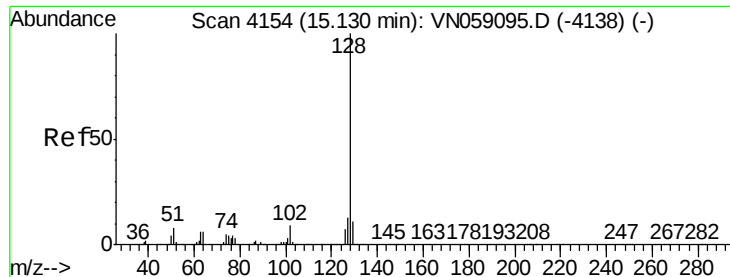
120 45.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.970 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059183.D

Acq: 12 Nov 2019 12:32

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PB124708TB

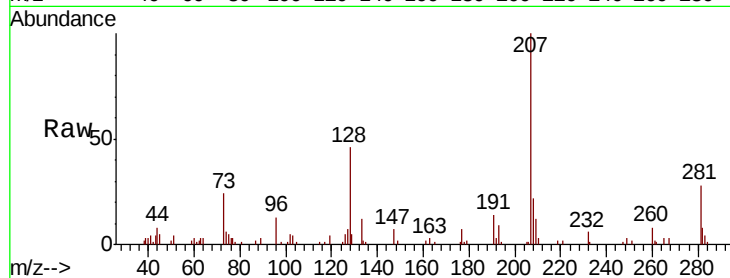
Tot Ion:128 Resp: 10319

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

