

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059119.D
 Acq On : 7 Nov 2019 14:04
 Operator : JC/SP
 Sample : PB124579TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124579TB

Quant Time: Nov 08 02:52:18 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

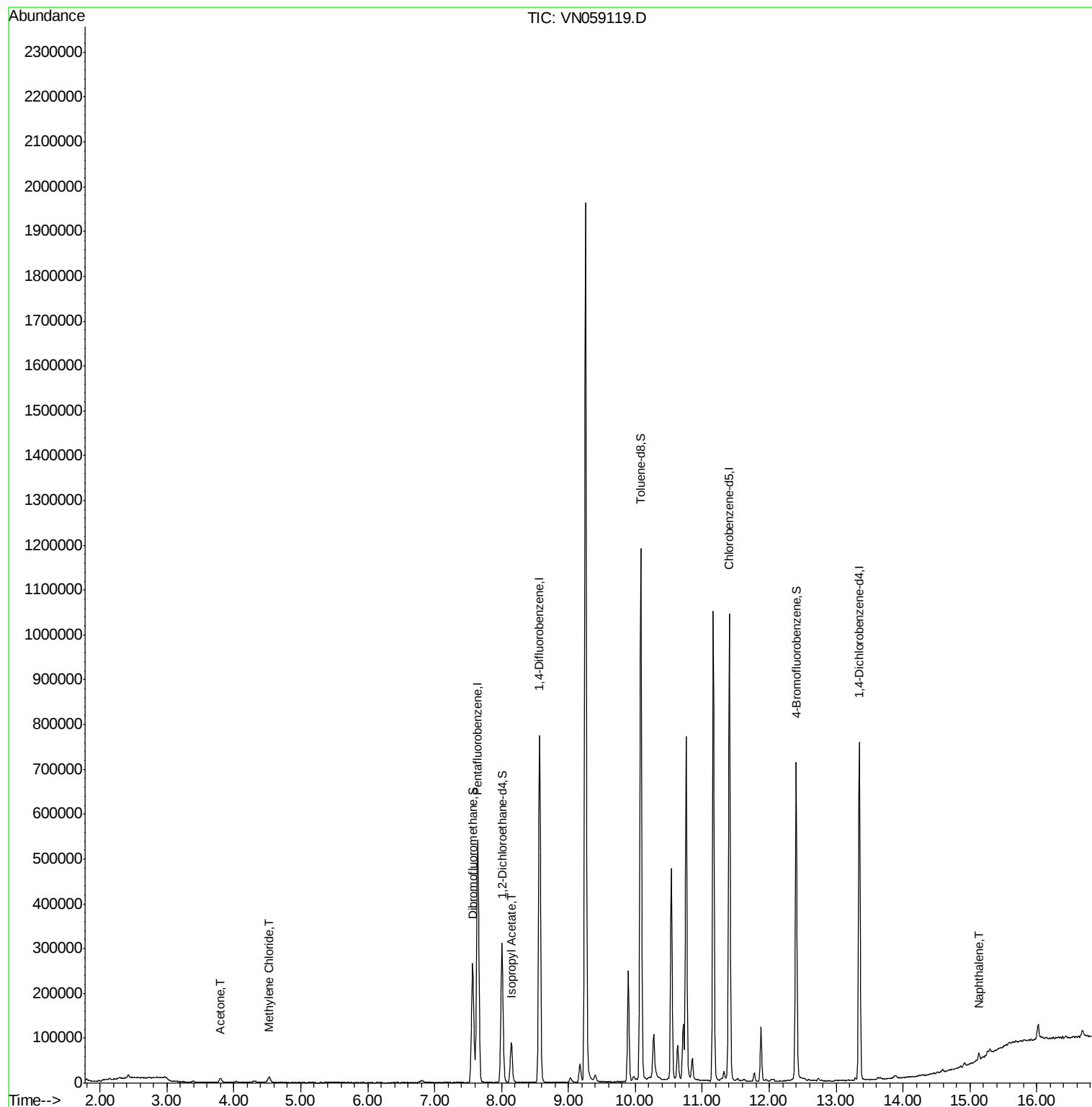
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	446256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	691840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	611973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	263956	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.57	113	204888	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.08	98	814505	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	253930	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						
16) Acetone	3.79	43	15575	5.460	ug/l	100
20) Methylene Chloride	4.52	84	10019	2.016	ug/l	95
43) Isopropyl Acetate	8.15	43	107033	9.332	ug/l #	91
95) Naphthalene	15.13	128	12276	4.126	ug/l	99

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

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Quant Time: Nov 08 02:52:18 2019
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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: VN059119.D

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Instrument :

MSVOA_N

ClientSampleId :

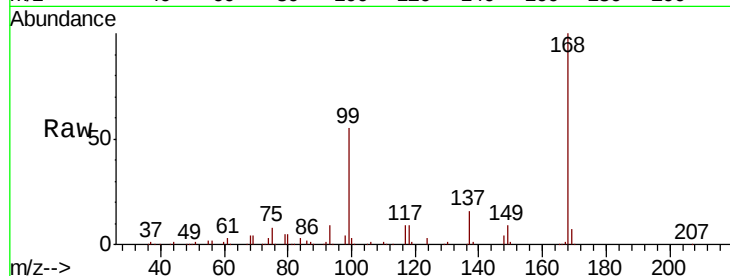
PB124579TB

Tot Ion:168 Resp: 446256

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

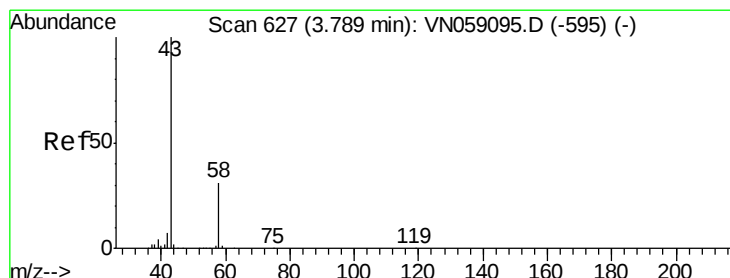
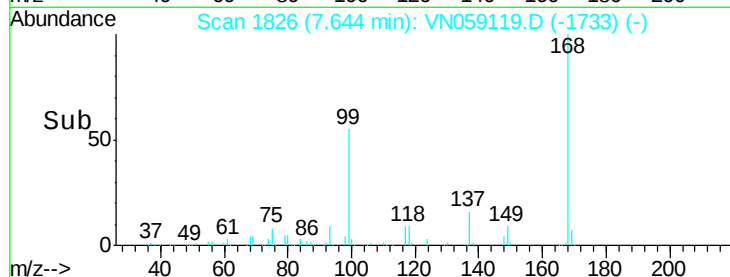
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.460 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059119.D

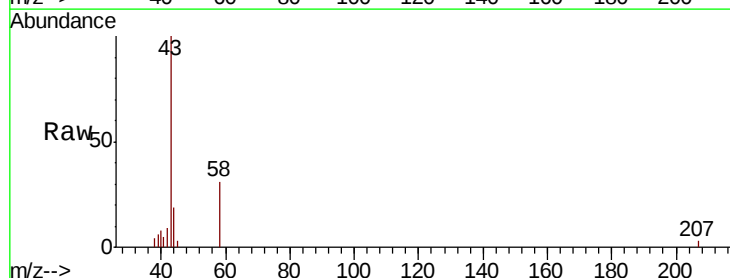
Acq: 7 Nov 2019 14:04

Tgt Ion: 43 Resp: 15575

Ion Ratio Lower Upper

43 100

58 31.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

6000

5000

4000

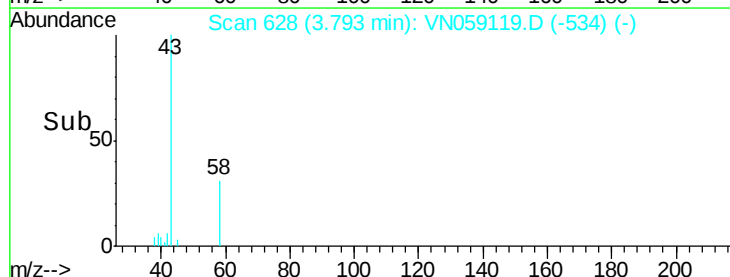
3000

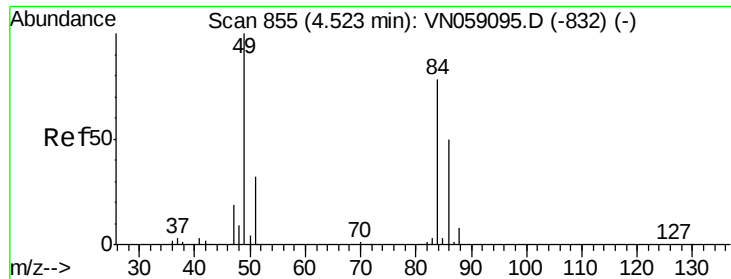
2000

1000

0

Time--> 3.70 3.80 3.90

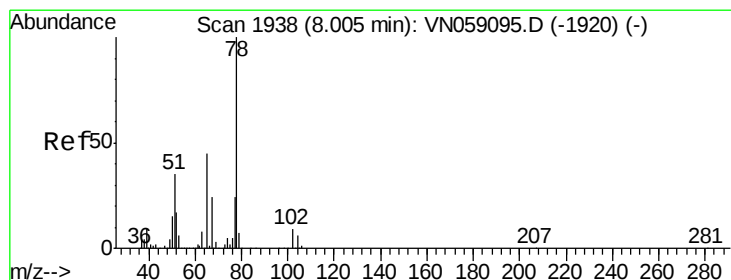
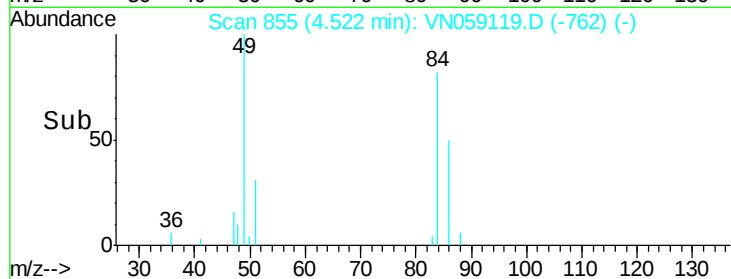
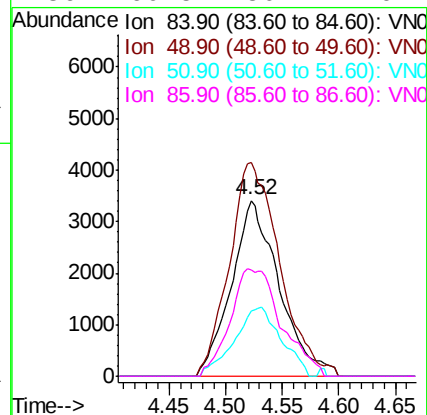
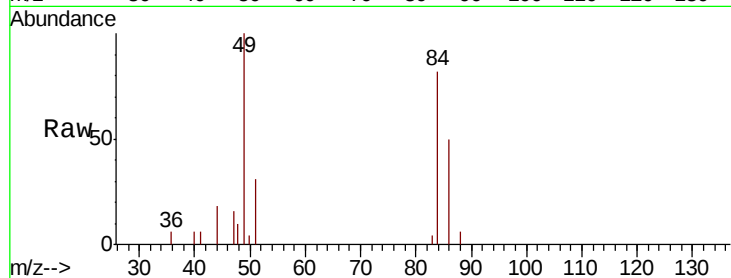




#20
Methylene Chloride
Concen: 2.016 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059119.D
Acq: 7 Nov 2019 14:04

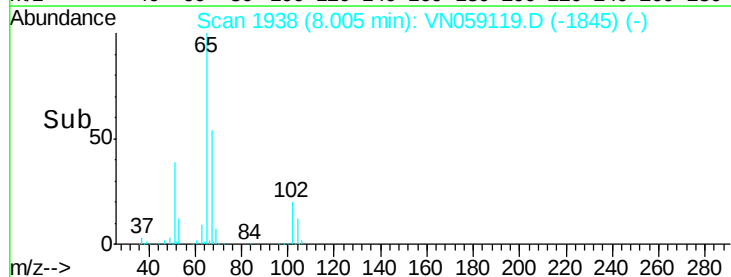
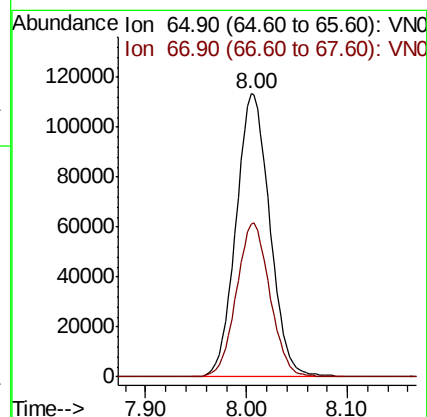
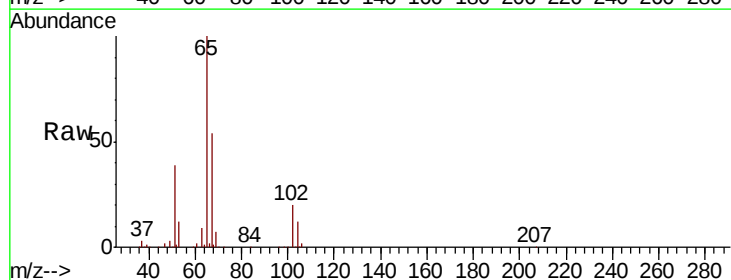
Instrument :
MSVOA_N
ClientSampleId :
PB124579TB

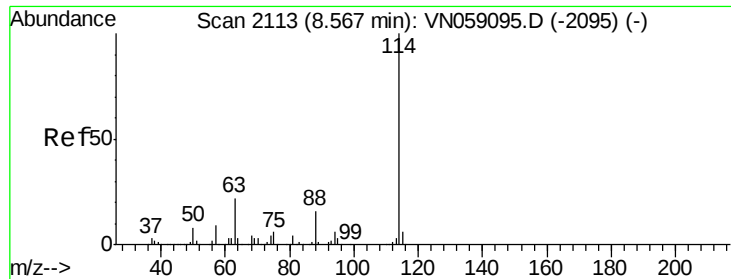
Tot Ion: 84 Resp: 10019
Ion Ratio Lower Upper
84 100
49 121.5 102.0 153.0
51 37.3 32.2 48.2
86 60.5 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 48.118 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059119.D
Acq: 7 Nov 2019 14:04

Tgt Ion: 65 Resp: 263956
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

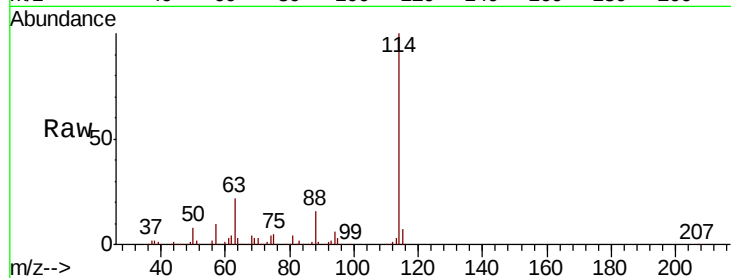




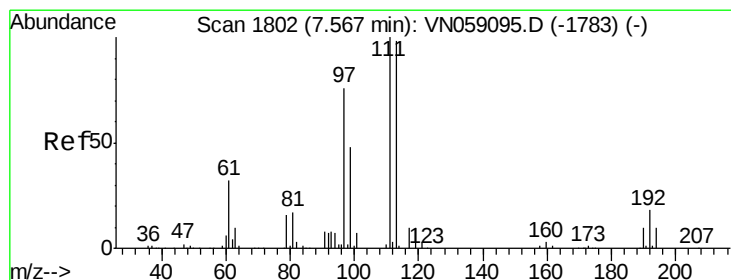
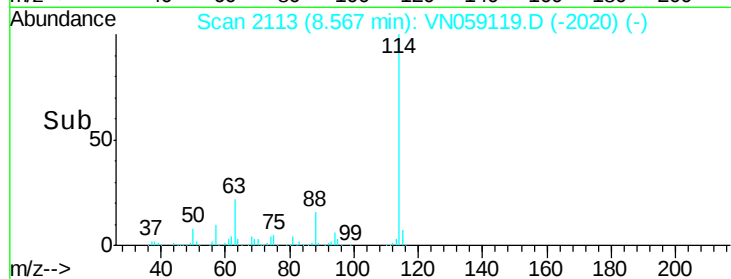
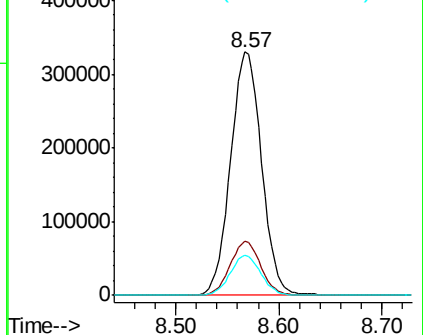
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059119.D
 Acq: 7 Nov 2019 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124579TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.4
88	16.4	0.0	32.2

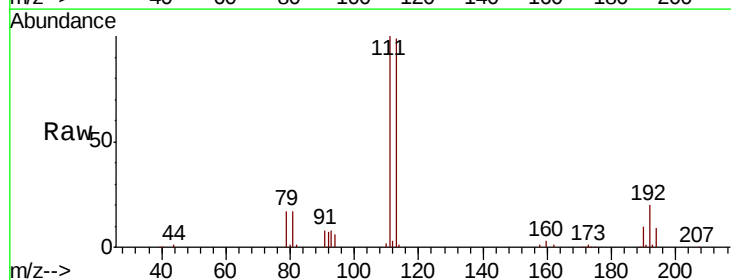


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

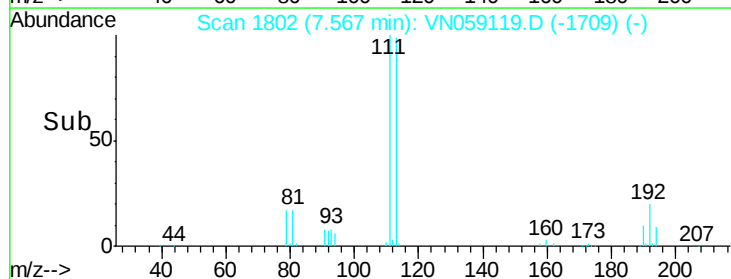
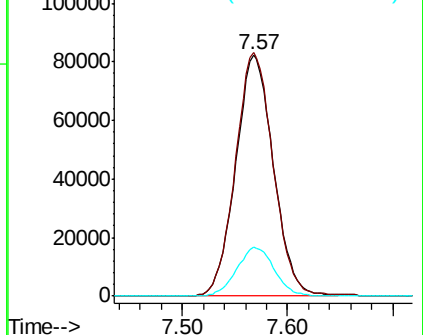


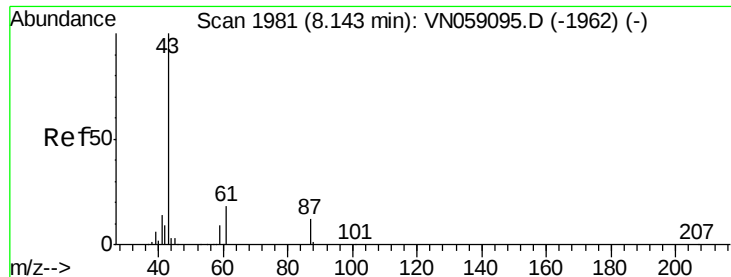
#35
 Dibromofluoromethane
 Concen: 49.598 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059119.D
 Acq: 7 Nov 2019 14:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	20.1	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: 9.332 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059119.D

Acq: 7 Nov 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB124579TB

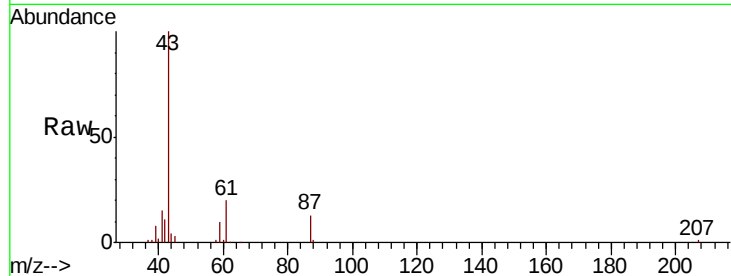
Tot Ion: 43 Resp: 107033

Ion Ratio Lower Upper

43 100

61 19.4 21.0 31.6#

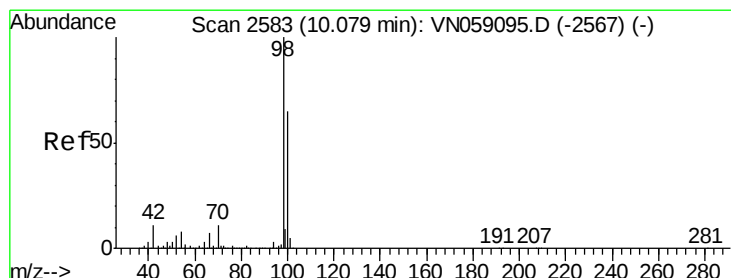
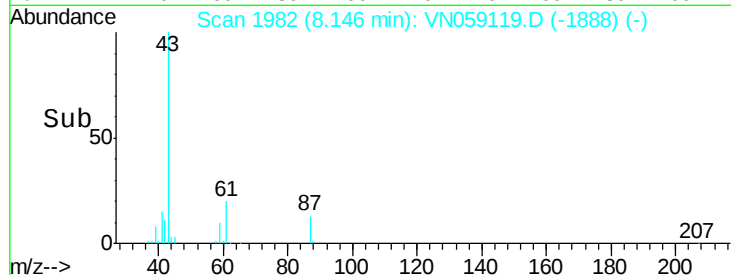
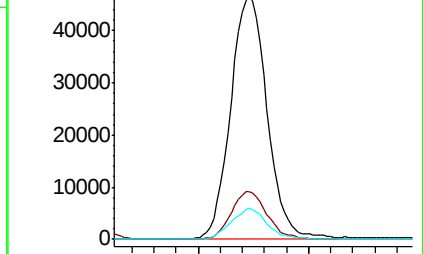
87 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059119.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059119.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059119.D (-1888) (-)



#50

Toluene-d8

Concen: 50.057 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059119.D

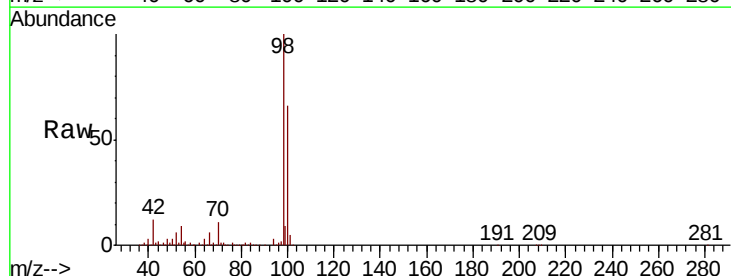
Acq: 7 Nov 2019 14:04

Tgt Ion: 98 Resp: 814505

Ion Ratio Lower Upper

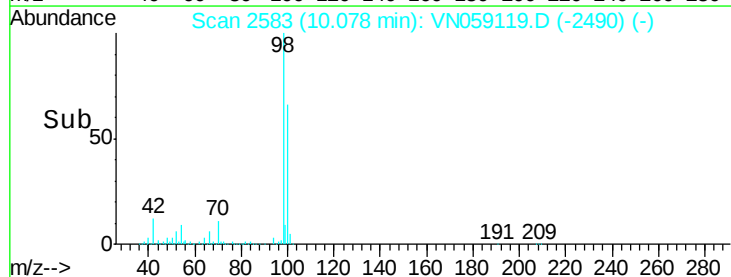
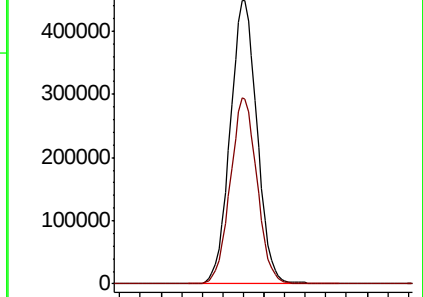
98 100

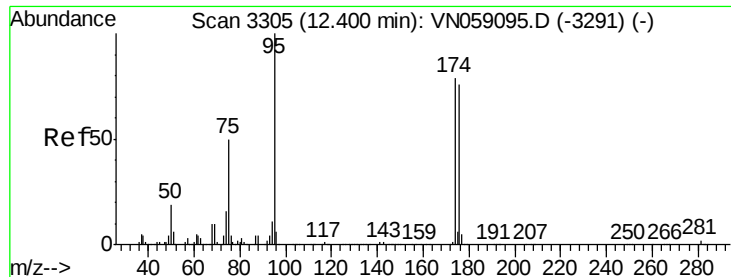
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059119.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059119.D (-2490) (-)

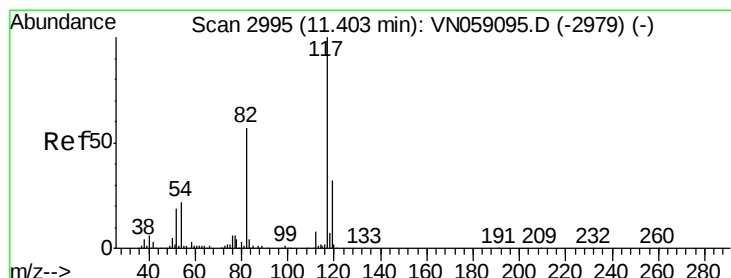
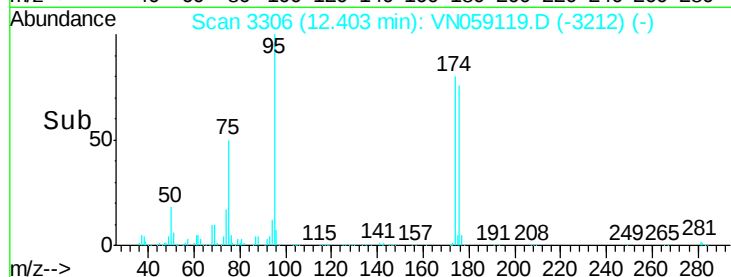
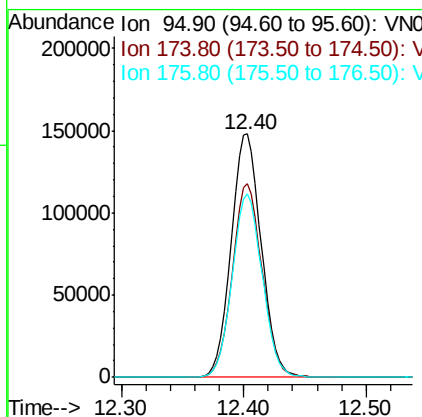
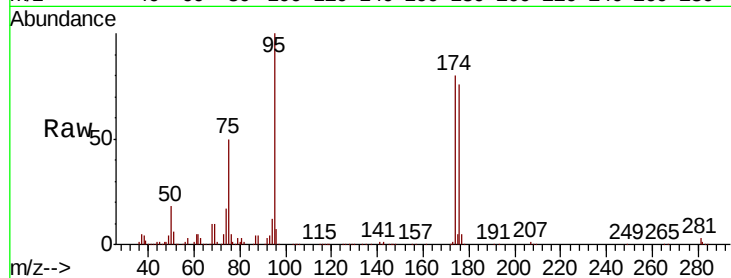




#62
4-Bromofluorobenzene
Concen: 43.282 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059119.D
Acq: 7 Nov 2019 14:04

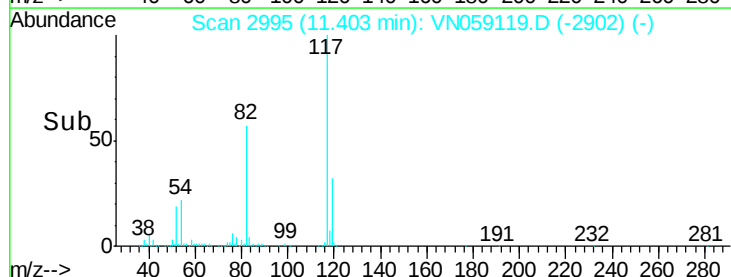
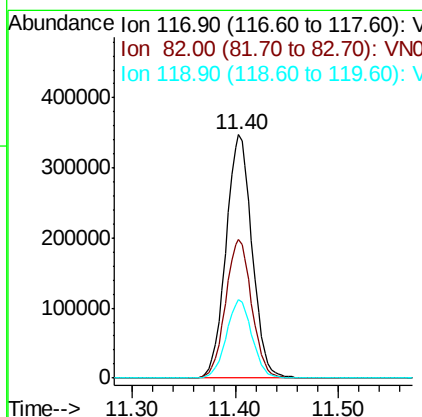
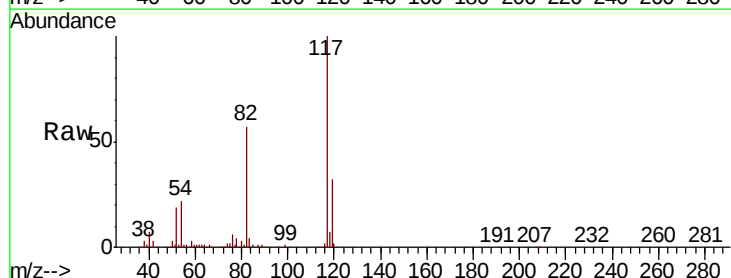
Instrument :
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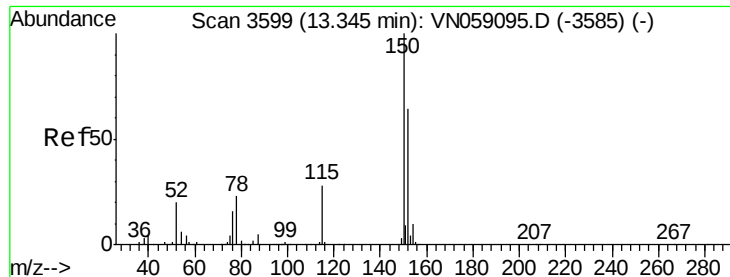
Tot Ion: 95 Resp: 253930
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.2
176 75.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059119.D
Acq: 7 Nov 2019 14:04

Tgt Ion: 117 Resp: 611973
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.8
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059119.D

Acq: 7 Nov 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB124579TB

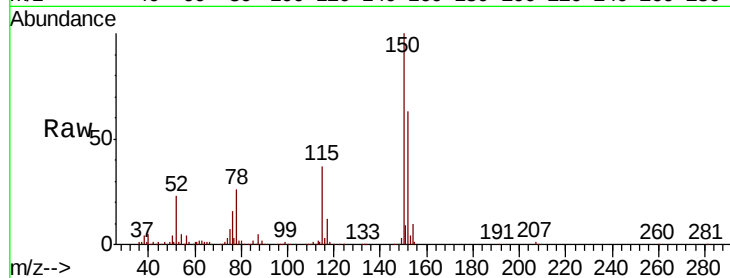
Tot Ion:152 Resp: 205800

Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.2

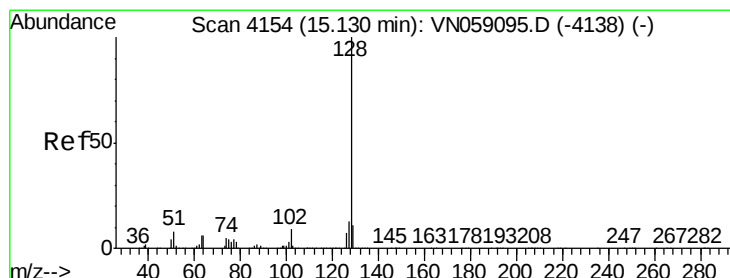
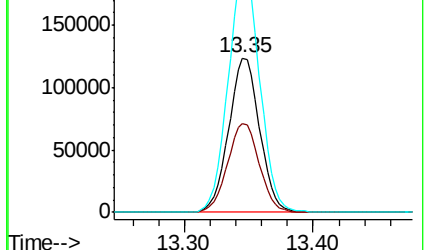
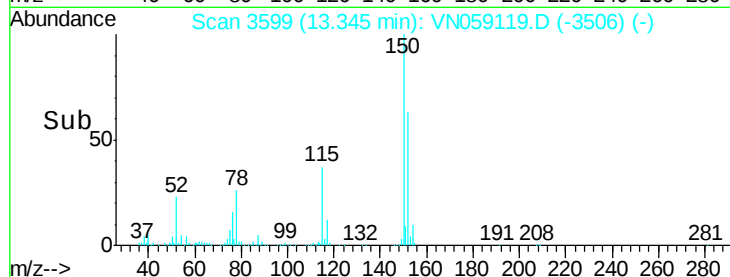
150 160.6 0.0 345.8



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



#95

Naphthalene

Concen: 4.126 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059119.D

Acq: 7 Nov 2019 14:04

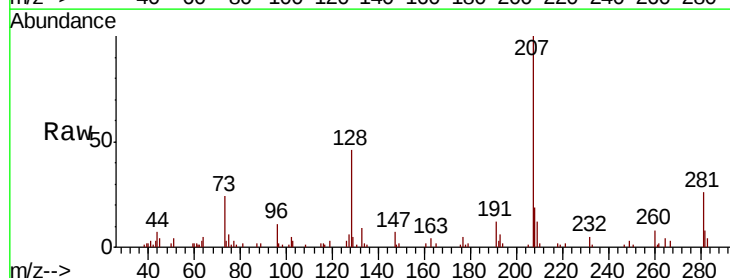
Tgt Ion:128 Resp: 12276

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

129 10.6 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

