

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058378.D
 Acq On : 26 Sep 2019 12:23
 Operator : JC/SP
 Sample : PB123389TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123389TB

Quant Time: Sep 27 04:07:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

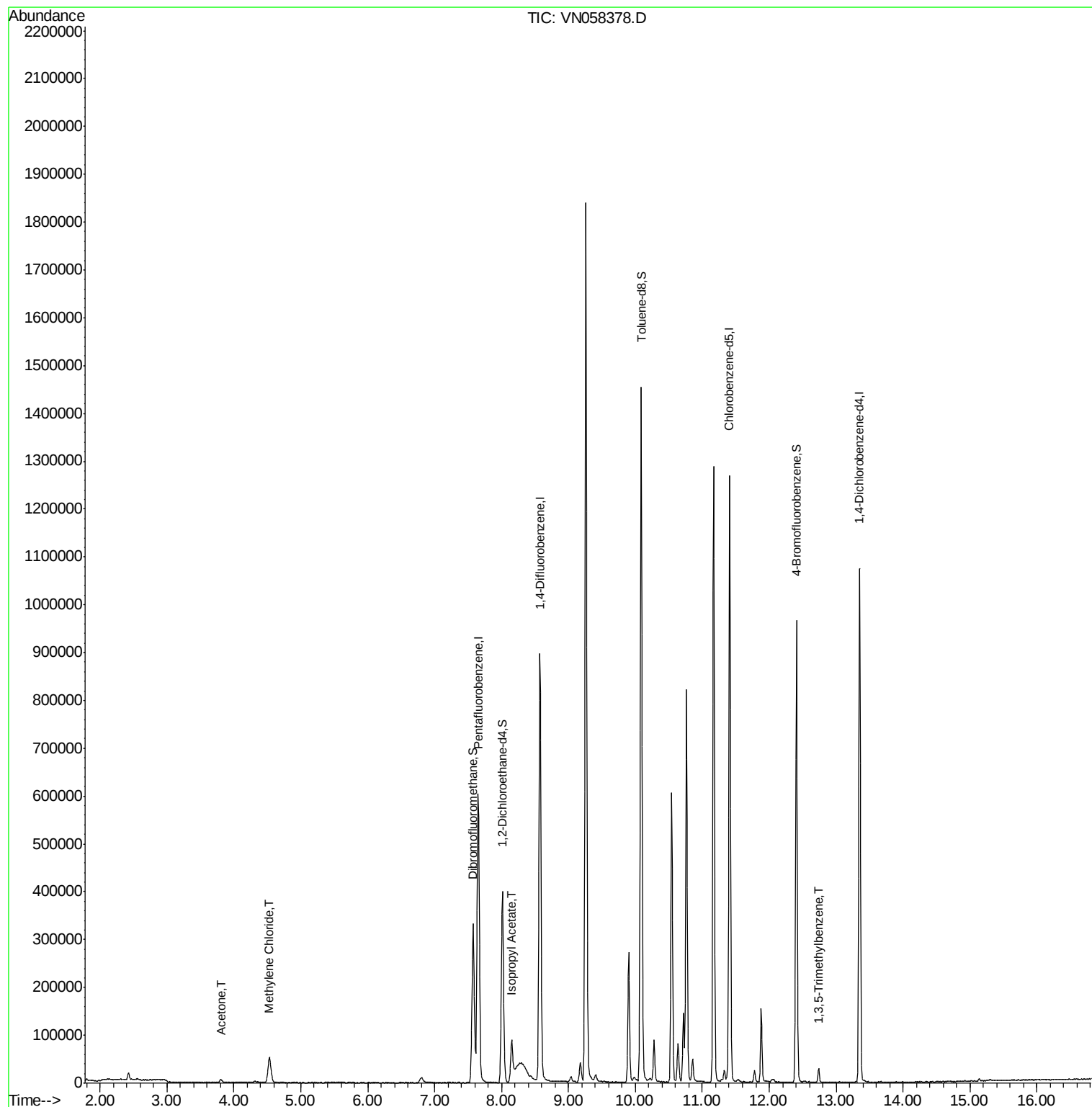
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	776806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	678947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	350632	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.58	113	243959	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.08	98	990153	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.41	95	323109	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
16) Acetone	3.81	43	12103	5.438	ug/l	93
20) Methylene Chloride	4.53	84	38945	9.817	ug/l	95
43) Isopropyl Acetate	8.15	43	113877	10.488	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.74	105	14680	1.024	ug/l	99

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

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Quant Time: Sep 27 04:07:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058378.D

Acq: 26 Sep 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

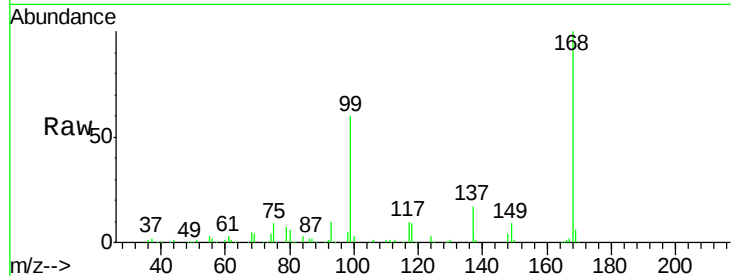
PB123389TB

Tot Ion:168 Resp: 470739

Ion Ratio Lower Upper

168 100

99 60.3 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

50000

0

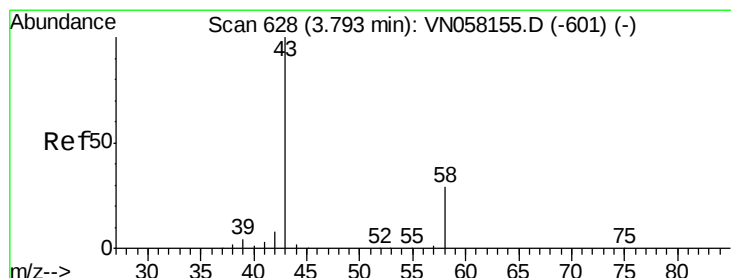
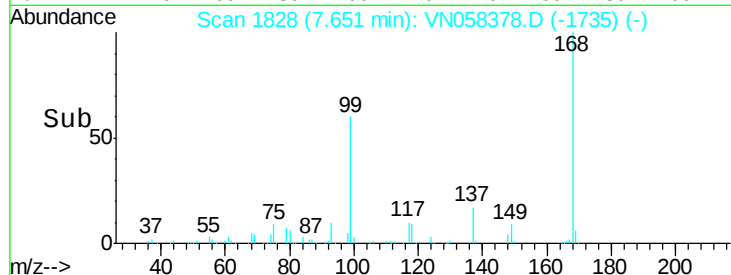
7.50

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 5.438 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058378.D

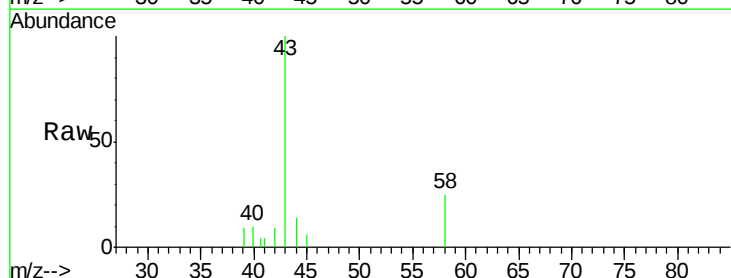
Acq: 26 Sep 2019 12:23

Tgt Ion: 43 Resp: 12103

Ion Ratio Lower Upper

43 100

58 25.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

4000

3000

2000

1000

0

3.70

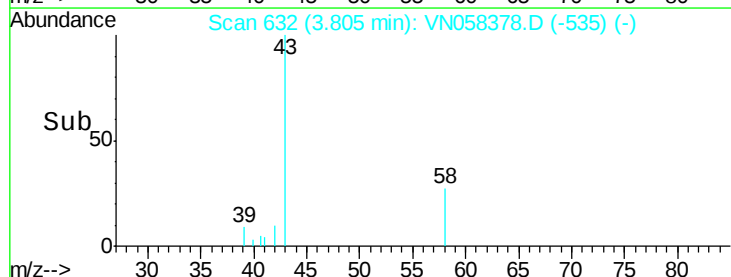
3.75

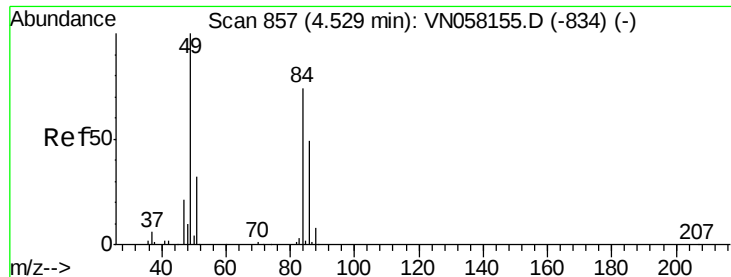
3.80

3.85

3.90

Time-->

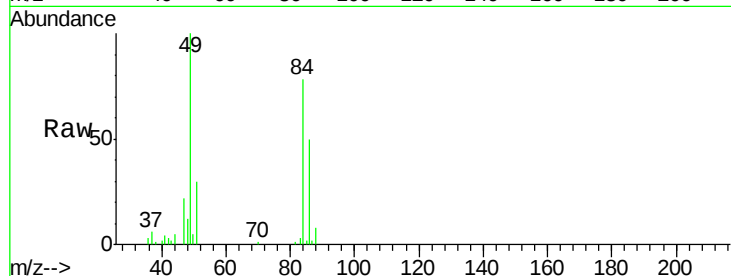




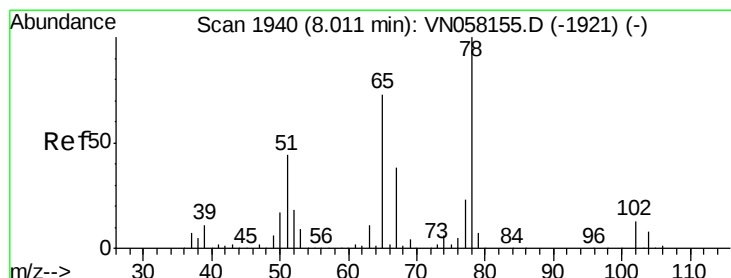
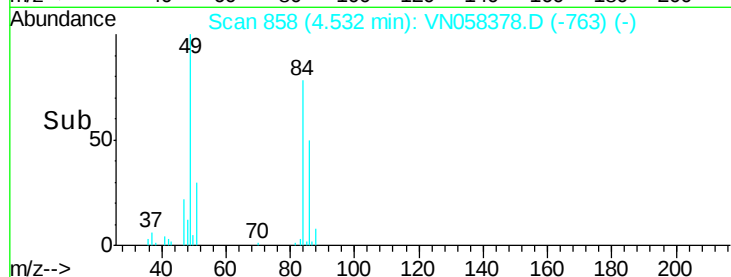
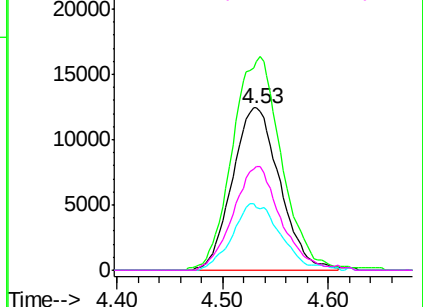
#20
Methylene Chloride
Concen: 9.817 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
PB123389TB

Tot Ion: 84 Resp: 38945
Ion Ratio Lower Upper
84 100
49 126.8 107.5 161.3
51 38.6 33.9 50.9
86 63.8 52.4 78.6

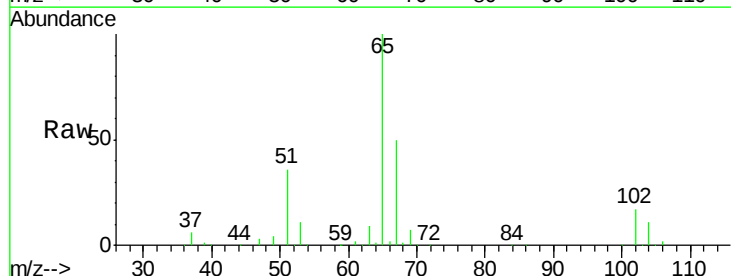


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

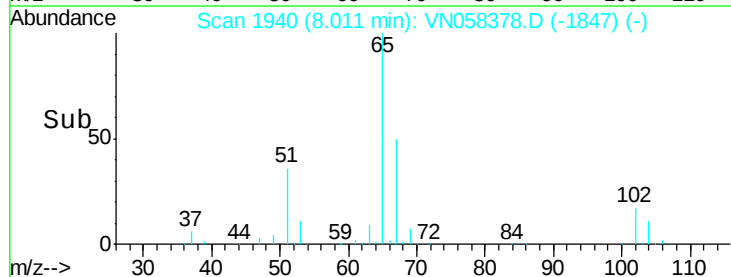
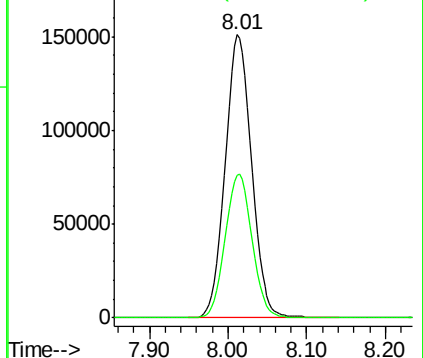


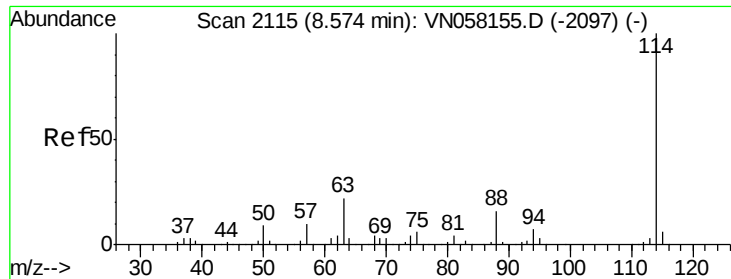
#33
1,2-Dichloroethane-d4
Concen: 53.479 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

Tgt Ion: 65 Resp: 350632
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

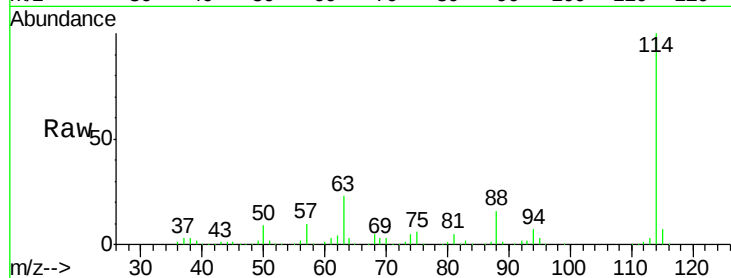




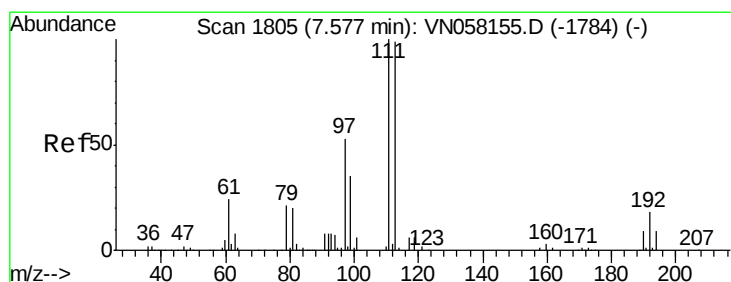
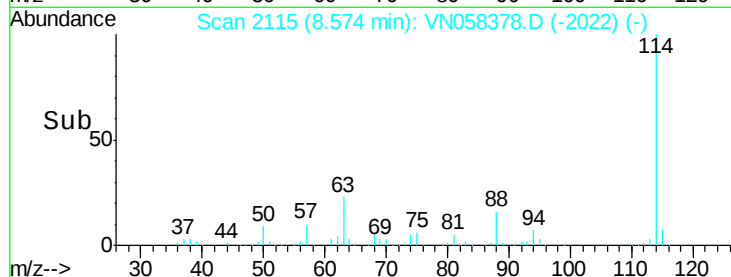
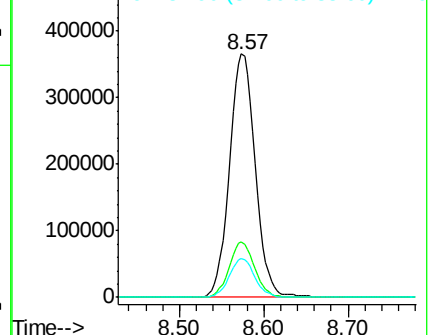
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

Instrument :
MSVOA_N
ClientSampleId :
PB123389TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.2
88	15.8	0.0	31.6

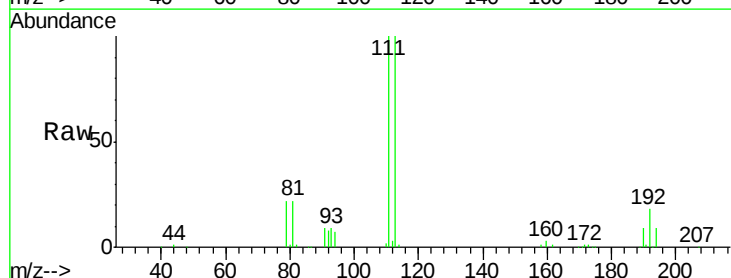


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

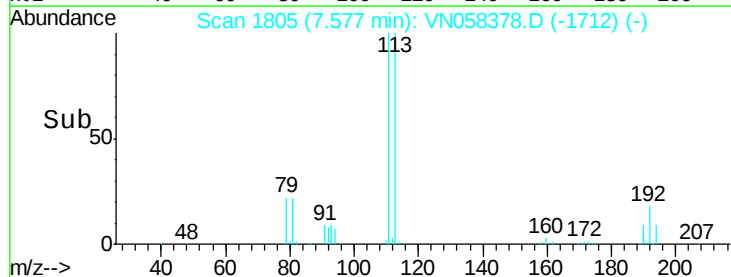
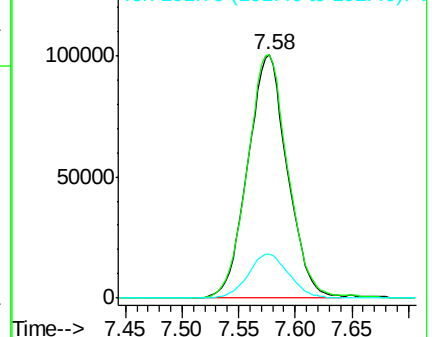


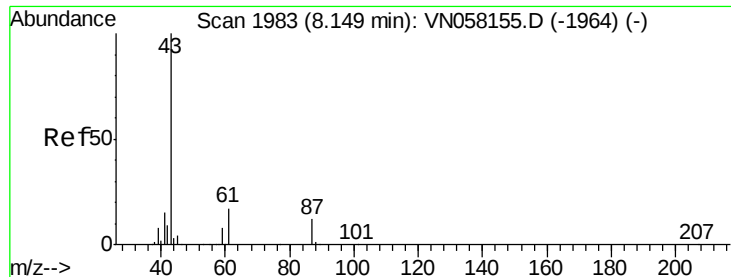
#35
Dibromofluoromethane
Concen: 51.661 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.6	14.5	21.7



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: 10.488 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058378.D

Acq: 26 Sep 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

PB123389TB

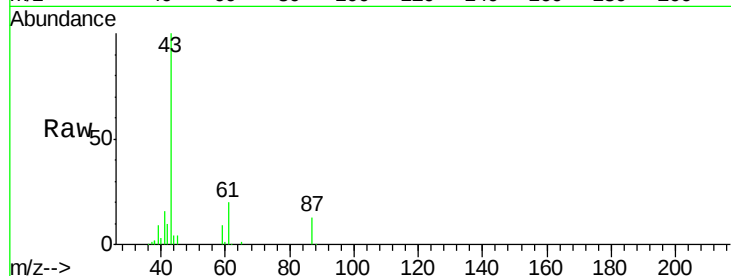
Tot Ion: 43 Resp: 113877

Ion Ratio Lower Upper

43 100

61 17.3 19.7 29.5#

87 11.2 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)

Time-->

8.05 8.10 8.15 8.20

8.15

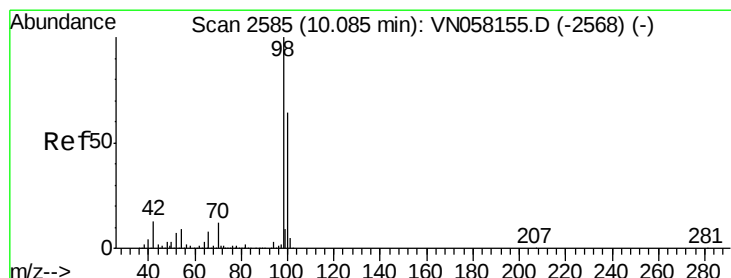
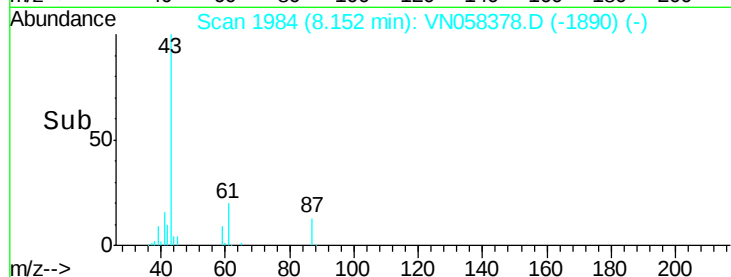
40000

30000

20000

10000

0



#50

Toluene-d8

Concen: 53.815 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058378.D

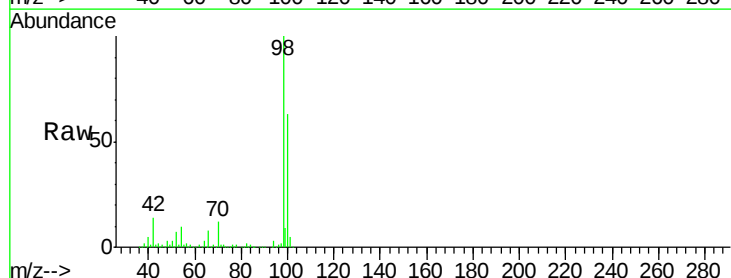
Acq: 26 Sep 2019 12:23

Tgt Ion: 98 Resp: 990153

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)

Time-->

10.00 10.10 10.20

10.08

600000

500000

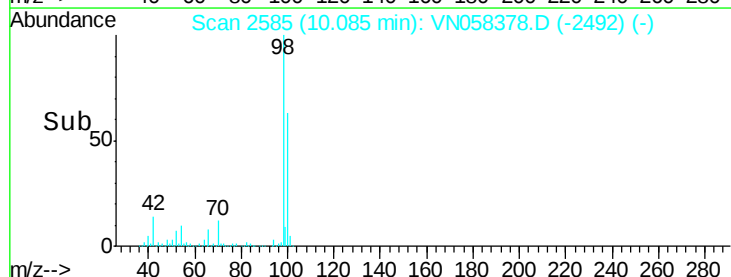
400000

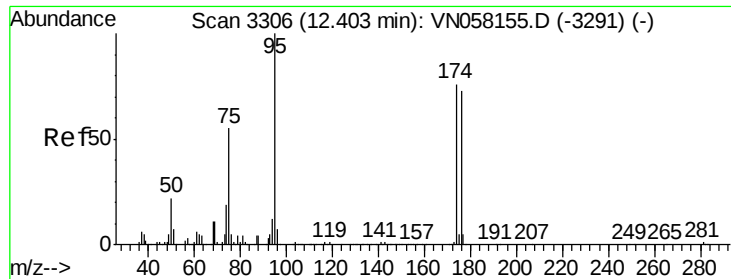
300000

200000

100000

0

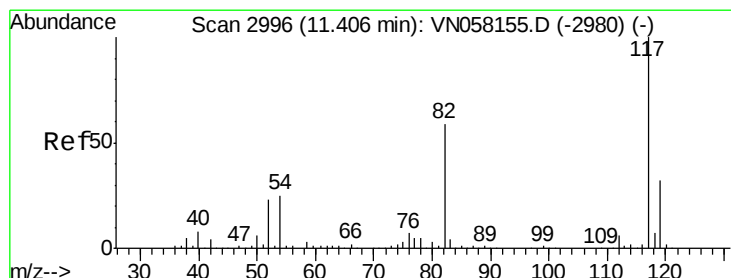
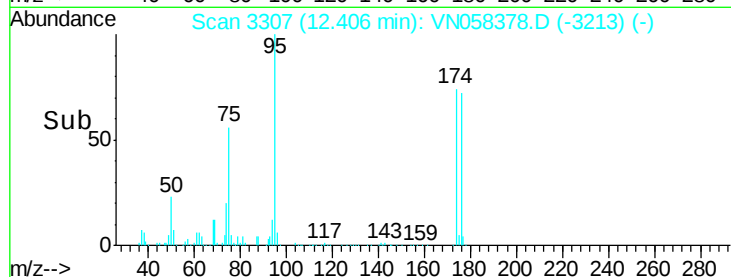
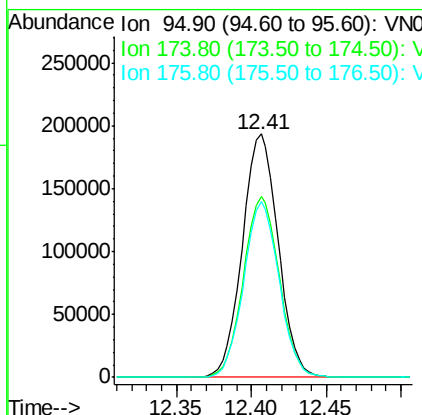
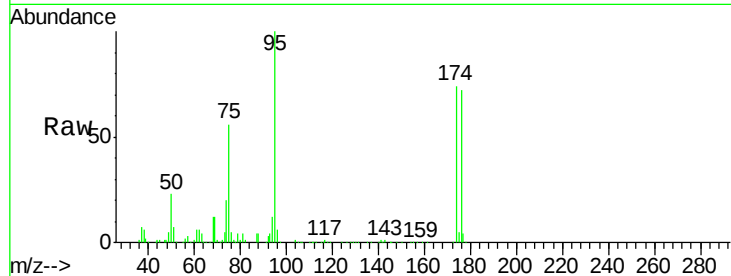




#62
4-Bromofluorobenzene
Concen: 47.275 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

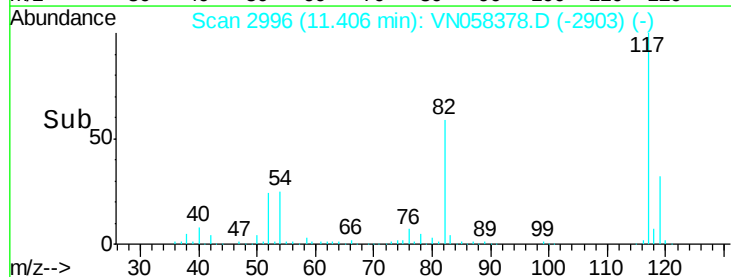
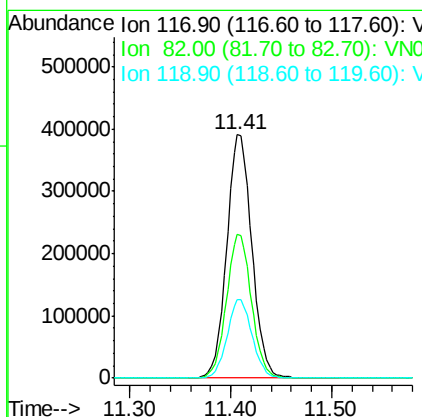
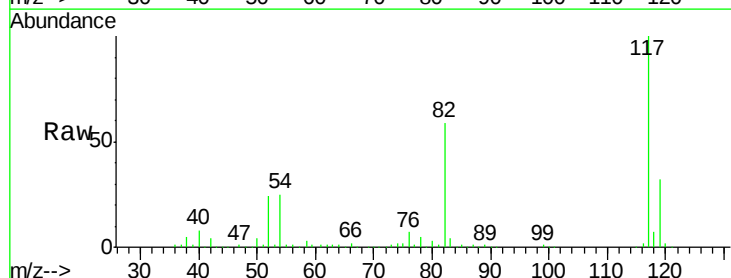
Instrument :
MSVOA_N
ClientSampled :
PB123389TB

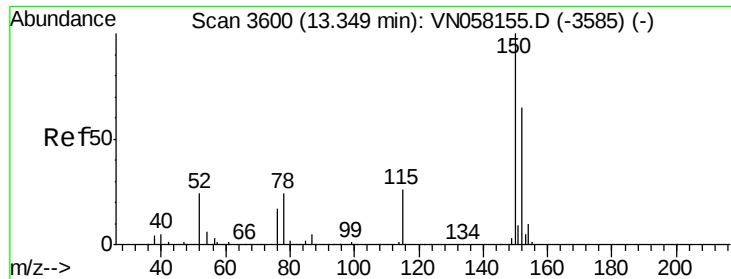
Tot Ion: 95 Resp: 323109
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.2
176 71.4 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058378.D
Acq: 26 Sep 2019 12:23

Tgt Ion: 117 Resp: 678947
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058378.D

Acq: 26 Sep 2019 12:23

Instrument :

MSVOA_N

ClientSampleId :

PB123389TB

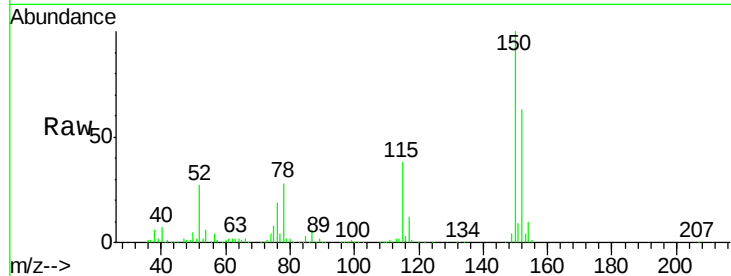
Tot Ion:152 Resp: 270799

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

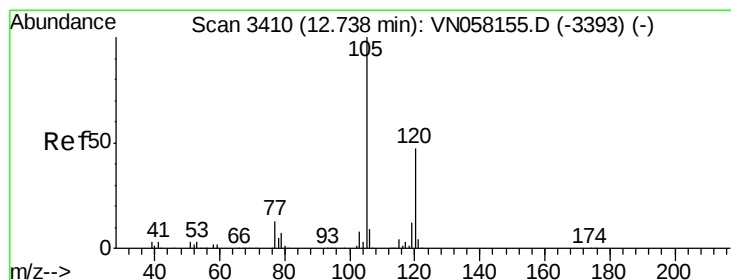
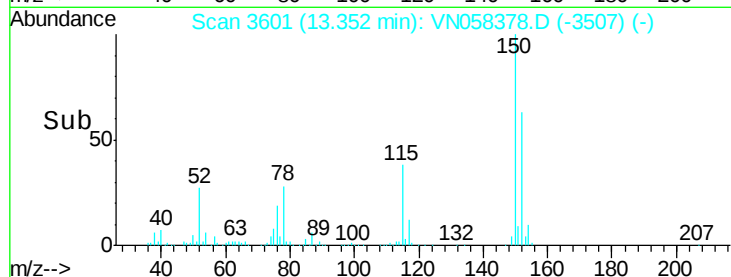
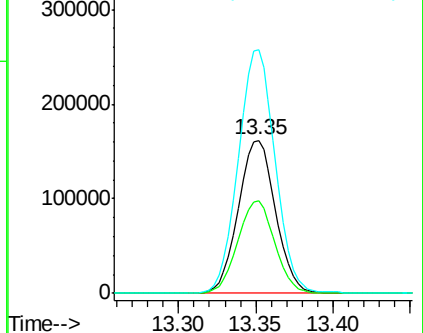
150 158.0 0.0 346.4



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: 1.024 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058378.D

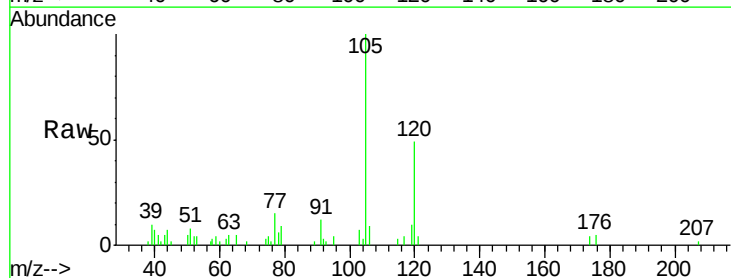
Acq: 26 Sep 2019 12:23

Tgt Ion:105 Resp: 14680

Ion Ratio Lower Upper

105 100

120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

