

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059611.D
 Acq On : 16 Dec 2019 18:29
 Operator : JC/SP
 Sample : K6294-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Dec 17 06:23:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

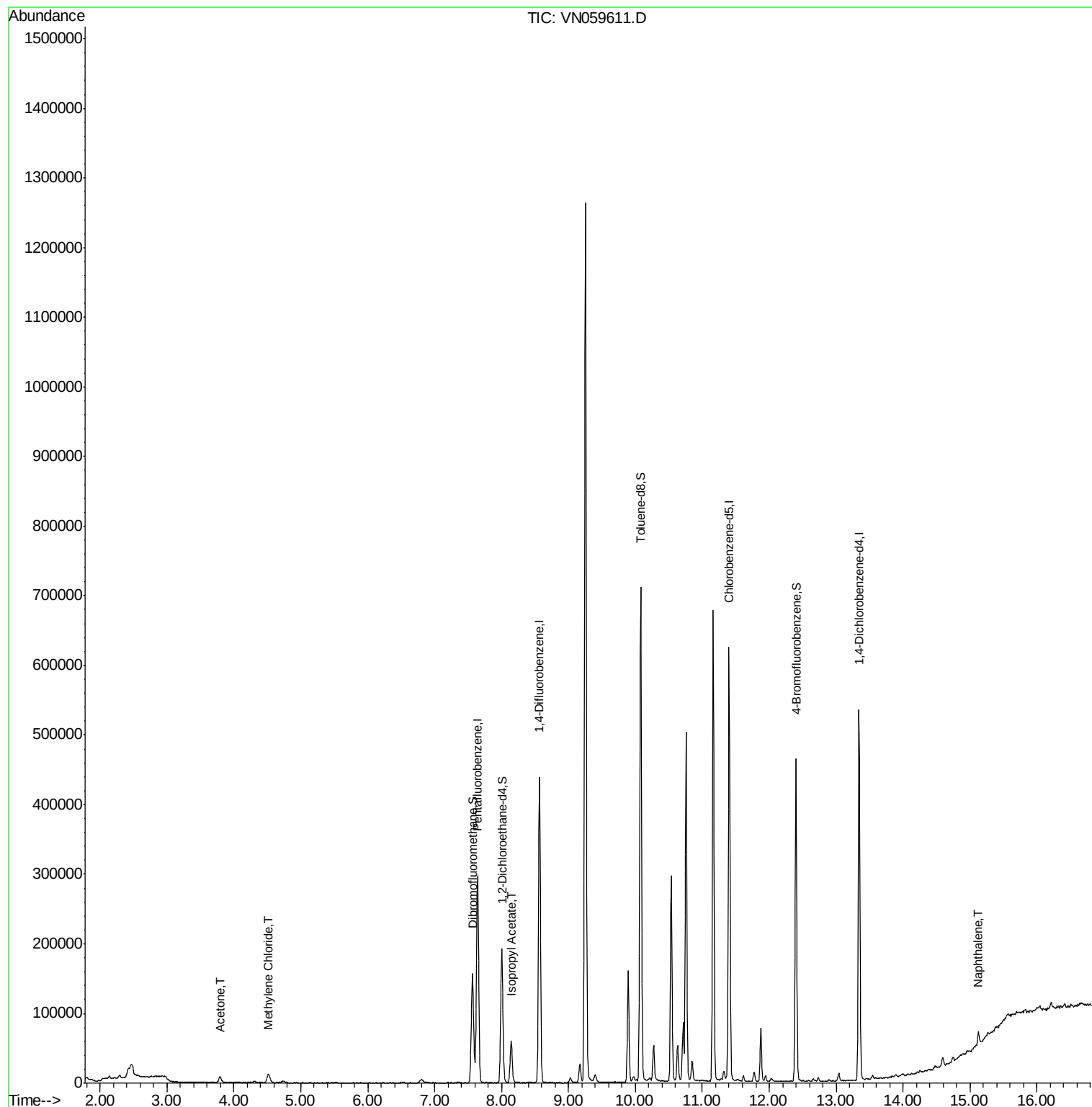
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	232887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	374689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	342833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	167977	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	7.56	113	119004	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.08	98	474778	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	157851	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
16) Acetone	3.79	43	14016	6.966	ug/l	94
20) Methylene Chloride	4.52	84	9567	3.292	ug/l	93
43) Isopropyl Acetate	8.14	43	69092	9.785	ug/l #	90
95) Naphthalene	15.13	128	14508	1.575	ug/l	98

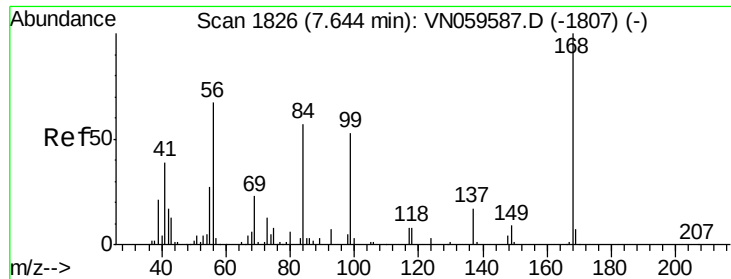
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
Data File : VN059611.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

Instrument :

MSVOA_N

ClientSampleId :

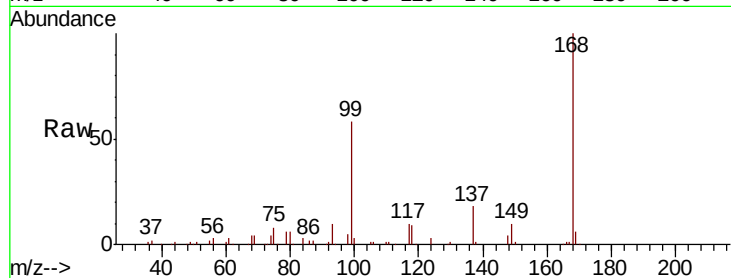
TP-2

Tot Ion:168 Resp: 232887

Ion Ratio Lower Upper

168 100

99 57.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

60000

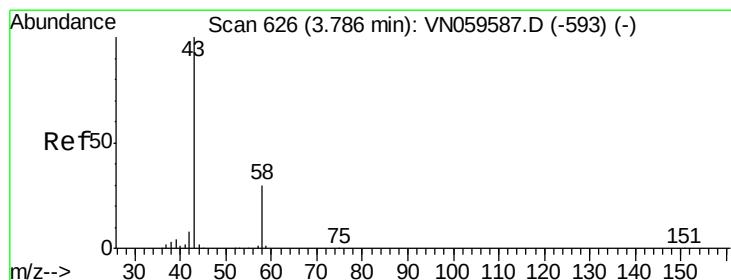
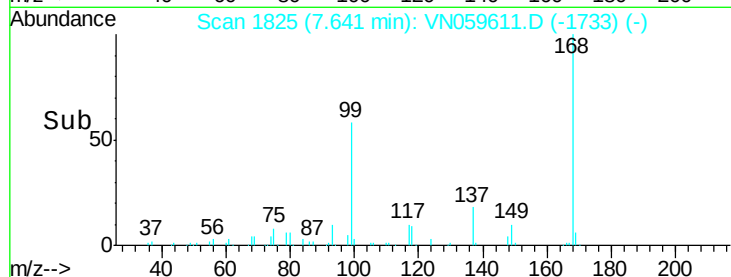
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.966 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059611.D

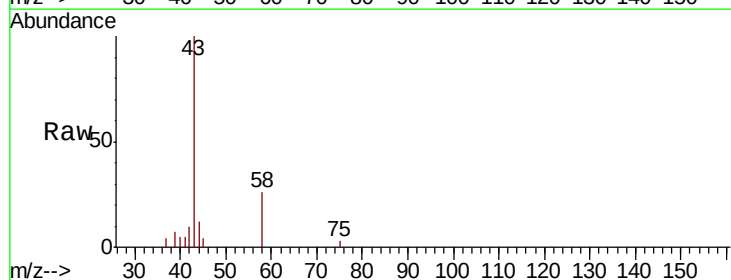
Acq: 16 Dec 2019 18:29

Tgt Ion: 43 Resp: 14016

Ion Ratio Lower Upper

43 100

58 26.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

6000

5000

4000

3000

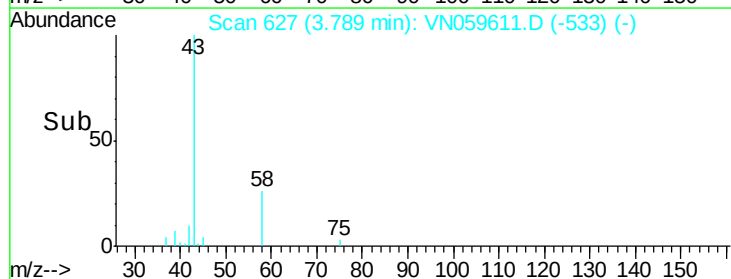
2000

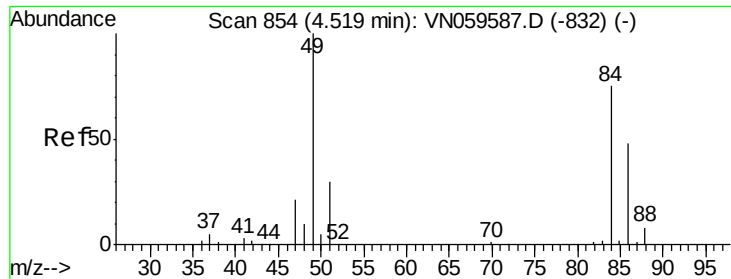
1000

0

3.70 3.75 3.80 3.85

Time-->

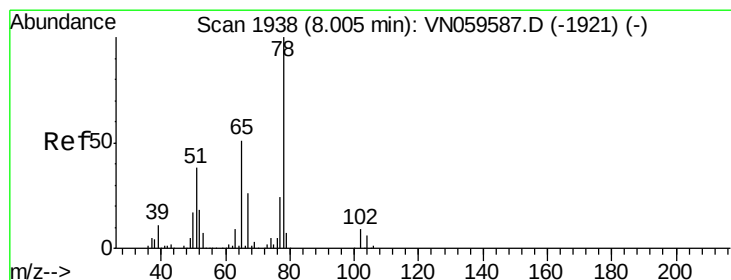
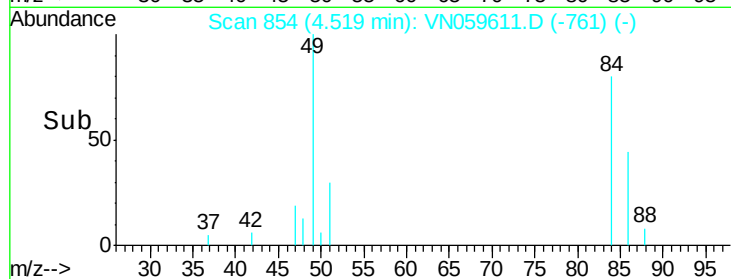
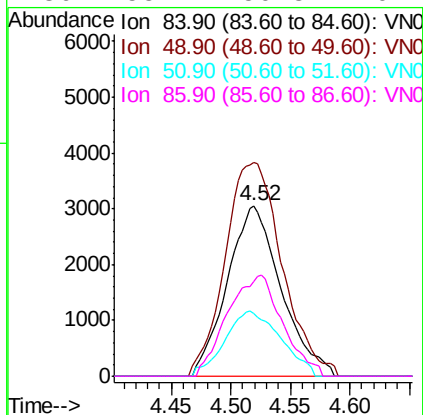
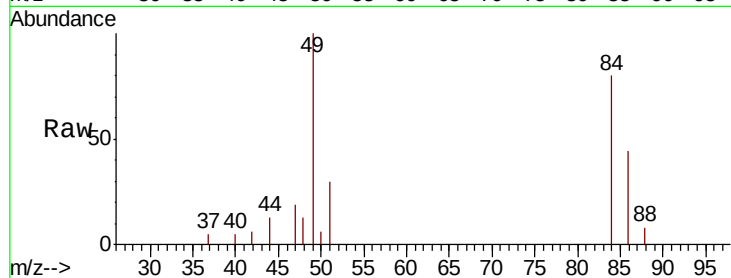




#20
Methylene Chloride
Concen: 3.292 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059611.D
Acq: 16 Dec 2019 18:29

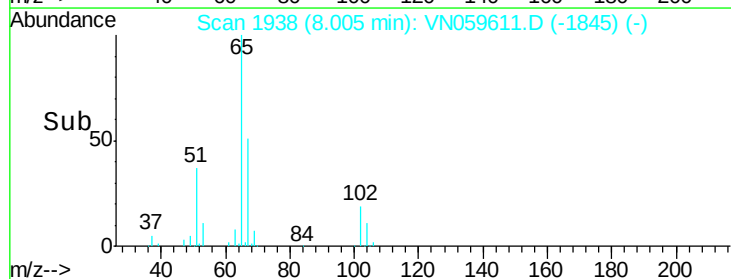
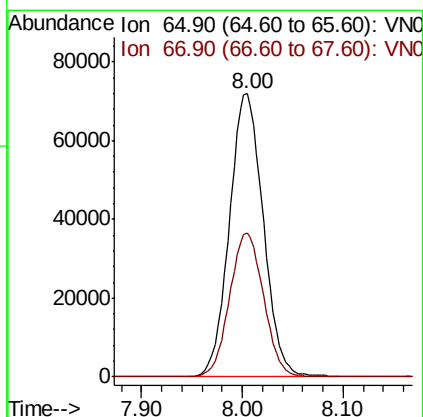
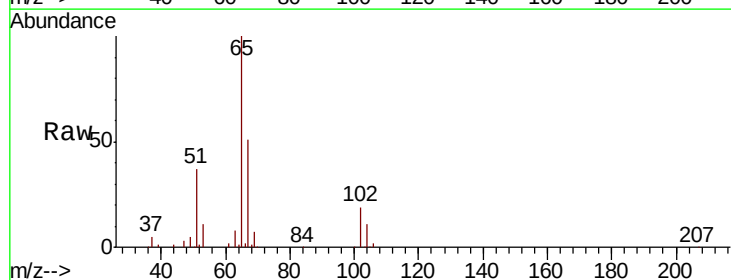
Instrument :
MSVOA_N
ClientSampled :
TP-2

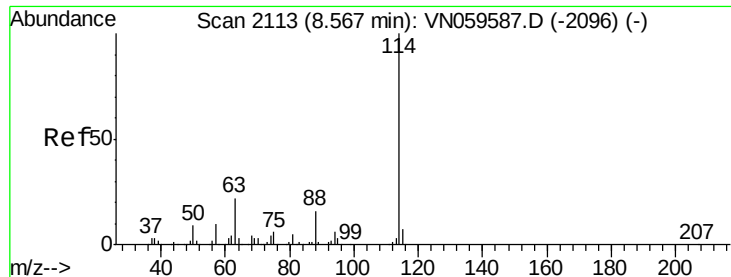
Tot Ion:	84	Resp:	9567
Ion	Ratio	Lower	Upper
84	100		
49	125.4	106.6	160.0
51	37.0	31.9	47.9
86	55.4	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 49.567 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059611.D
Acq: 16 Dec 2019 18:29

Tgt Ion:	65	Resp:	167977
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

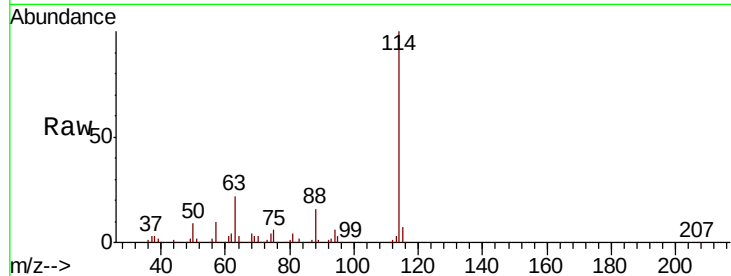




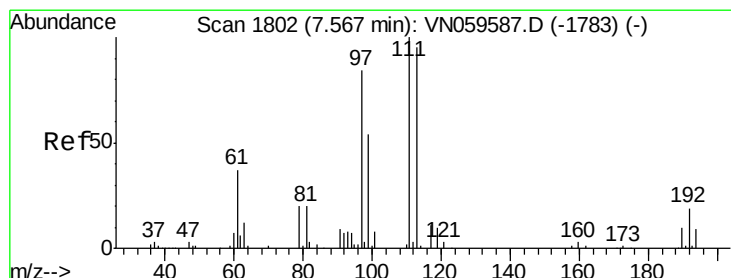
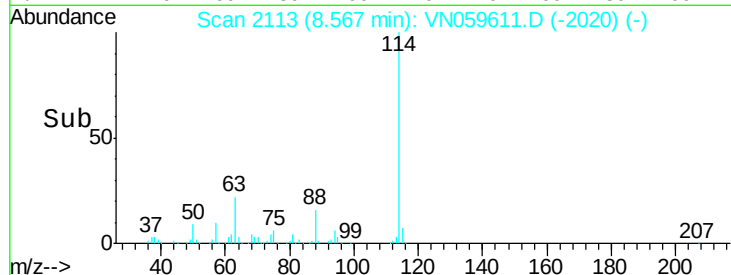
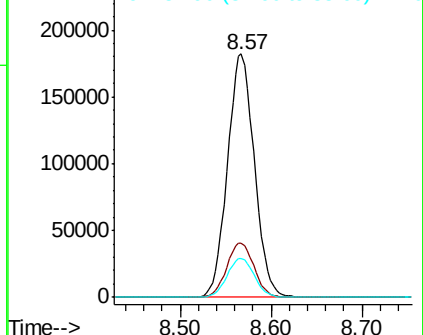
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059611.D
 Acq: 16 Dec 2019 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.6
88	16.0	0.0	31.4

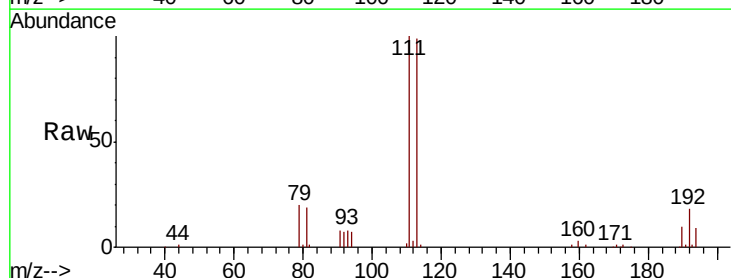


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

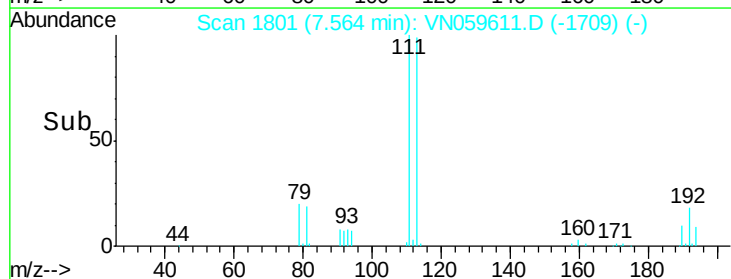
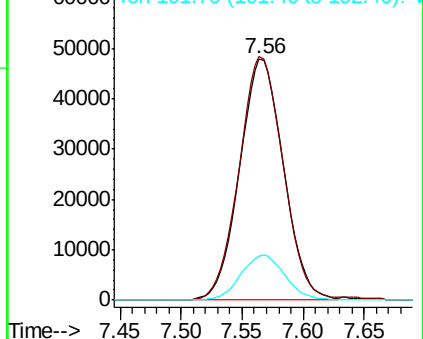


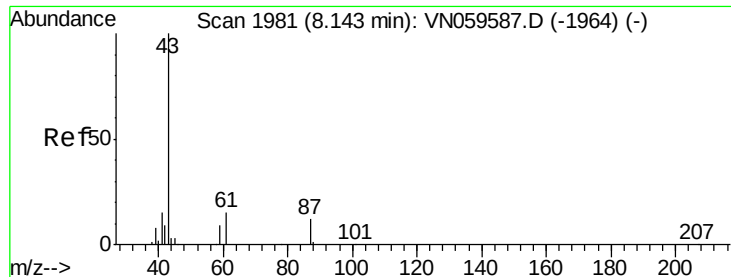
#35
 Dibromofluoromethane
 Concen: 50.761 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059611.D
 Acq: 16 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.5	125.3
192	18.7	15.4	23.2



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: 9.785 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

Instrument :

MSVOA_N

ClientSampleId :

TP-2

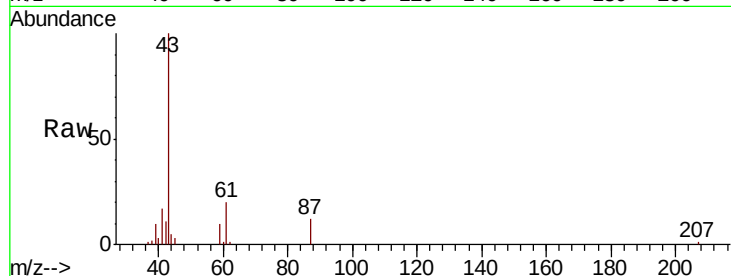
Tot Ion: 43 Resp: 69092

Ion Ratio Lower Upper

43 100

61 18.2 20.2 30.2#

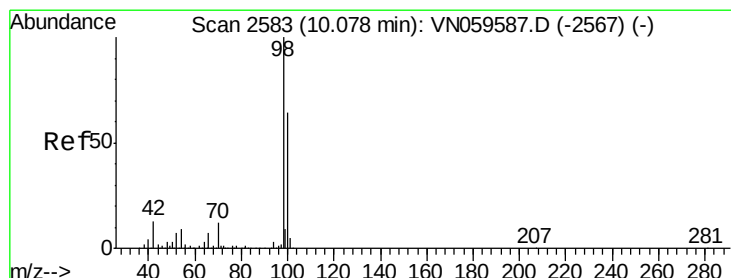
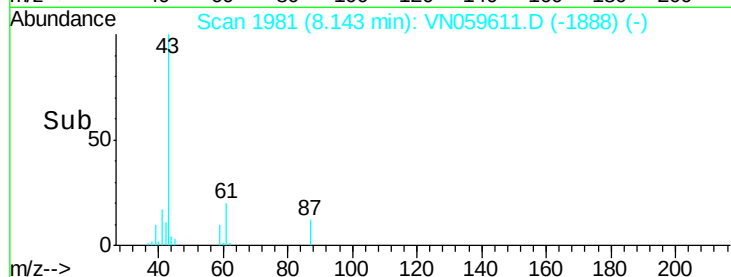
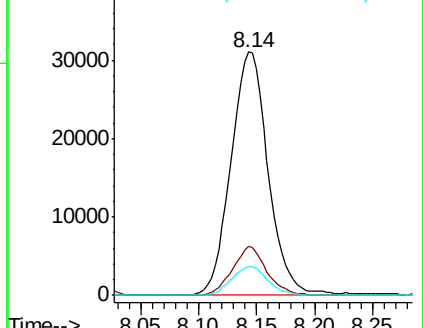
87 11.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#50

Toluene-d8

Concen: 51.152 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059611.D

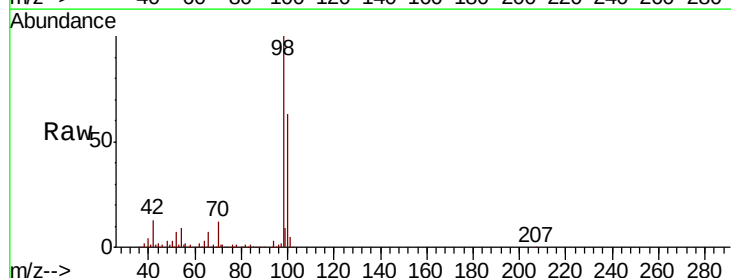
Acq: 16 Dec 2019 18:29

Tgt Ion: 98 Resp: 474778

Ion Ratio Lower Upper

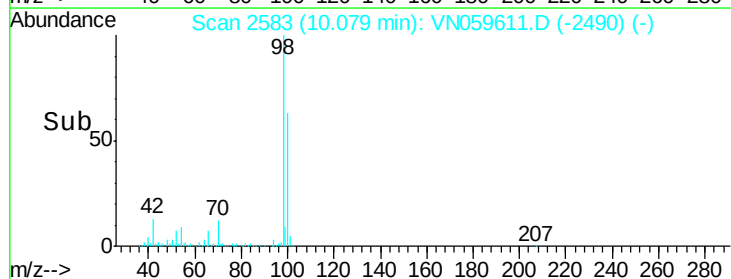
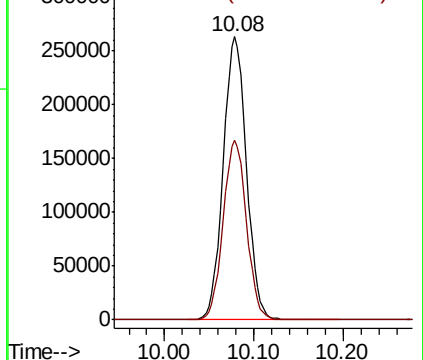
98 100

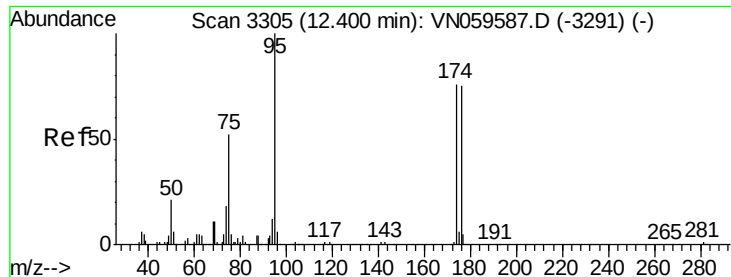
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 46.607 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

Instrument :

MSVOA_N

ClientSampleId :

TP-2

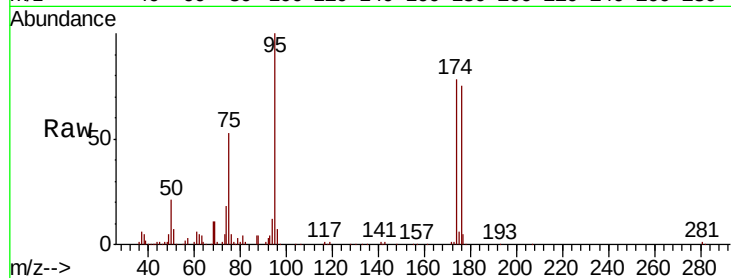
Tot Ion: 95 Resp: 157851

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.4

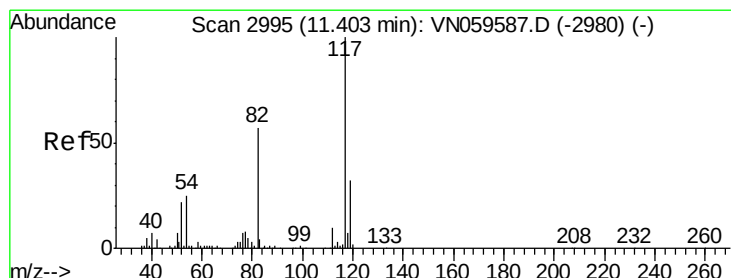
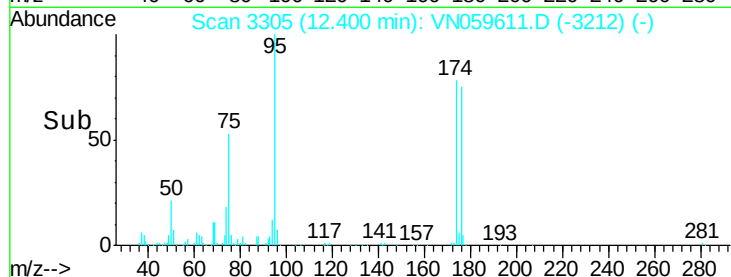
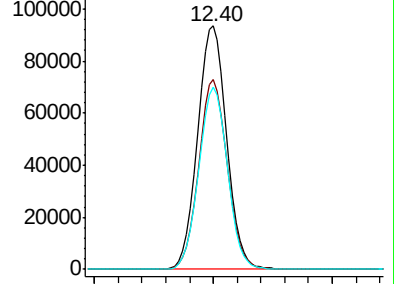
176 73.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

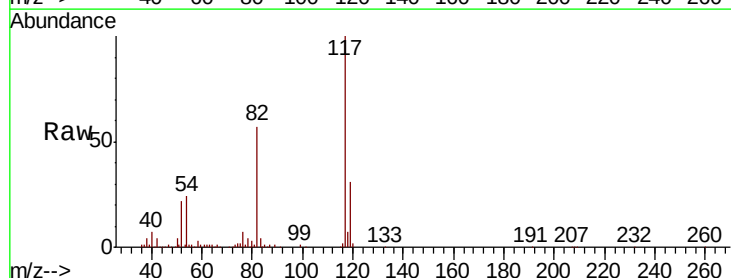
Tgt Ion: 117 Resp: 342833

Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

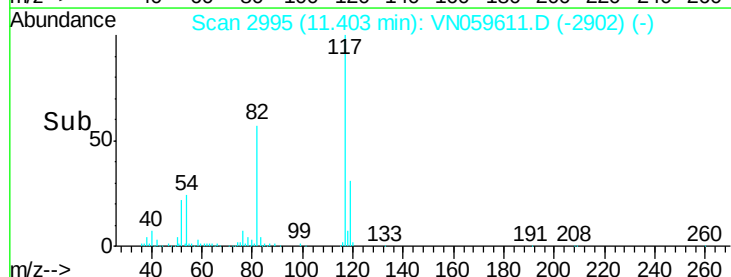
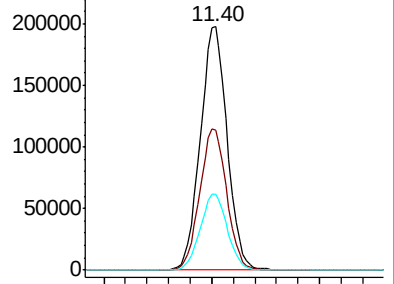
119 31.4 25.5 38.3

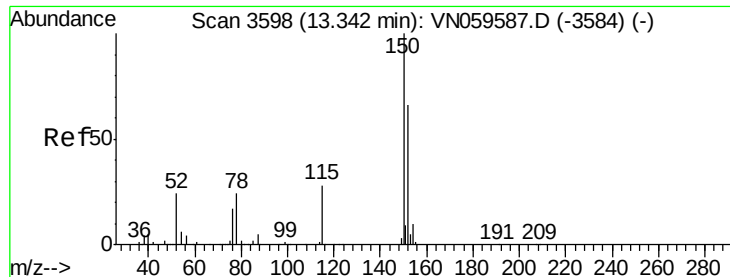


Abundance Ion 116.90 (116.60 to 117.60): VN059587.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059587.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059587.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

Instrument :

MSVOA_N

ClientSampleId :

TP-2

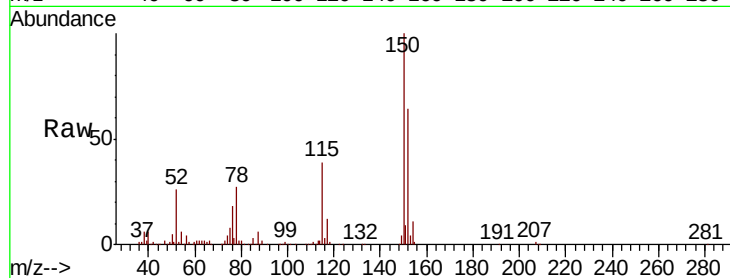
Tot Ion:152 Resp: 136462

Ion Ratio Lower Upper

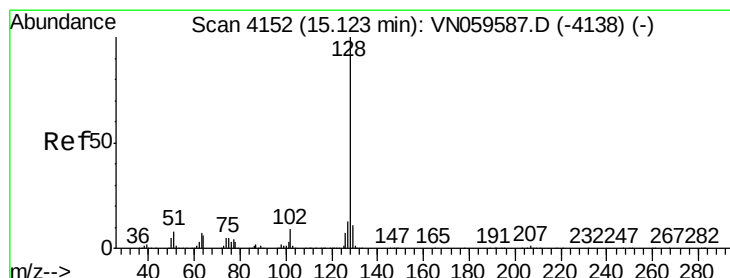
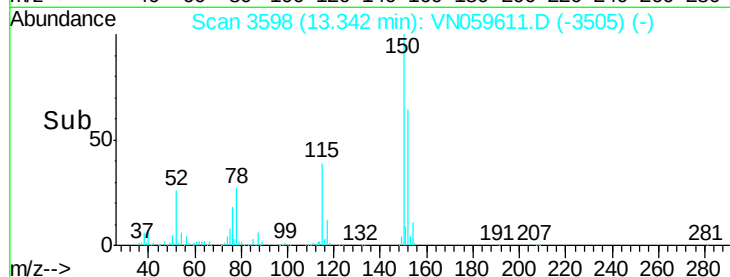
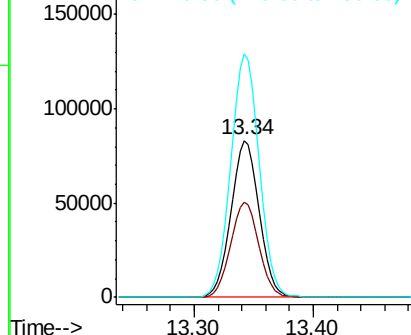
152 100

115 61.2 30.3 90.9

150 157.1 0.0 345.2



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: 1.575 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059611.D

Acq: 16 Dec 2019 18:29

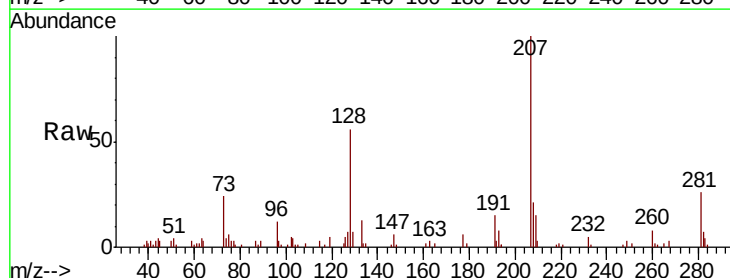
Tgt Ion:128 Resp: 14508

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 12.2 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

