

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058827.D
 Acq On : 17 Oct 2019 15:08
 Operator : JC/SP
 Sample : K5393-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-6-D3-(46)

Quant Time: Oct 18 03:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

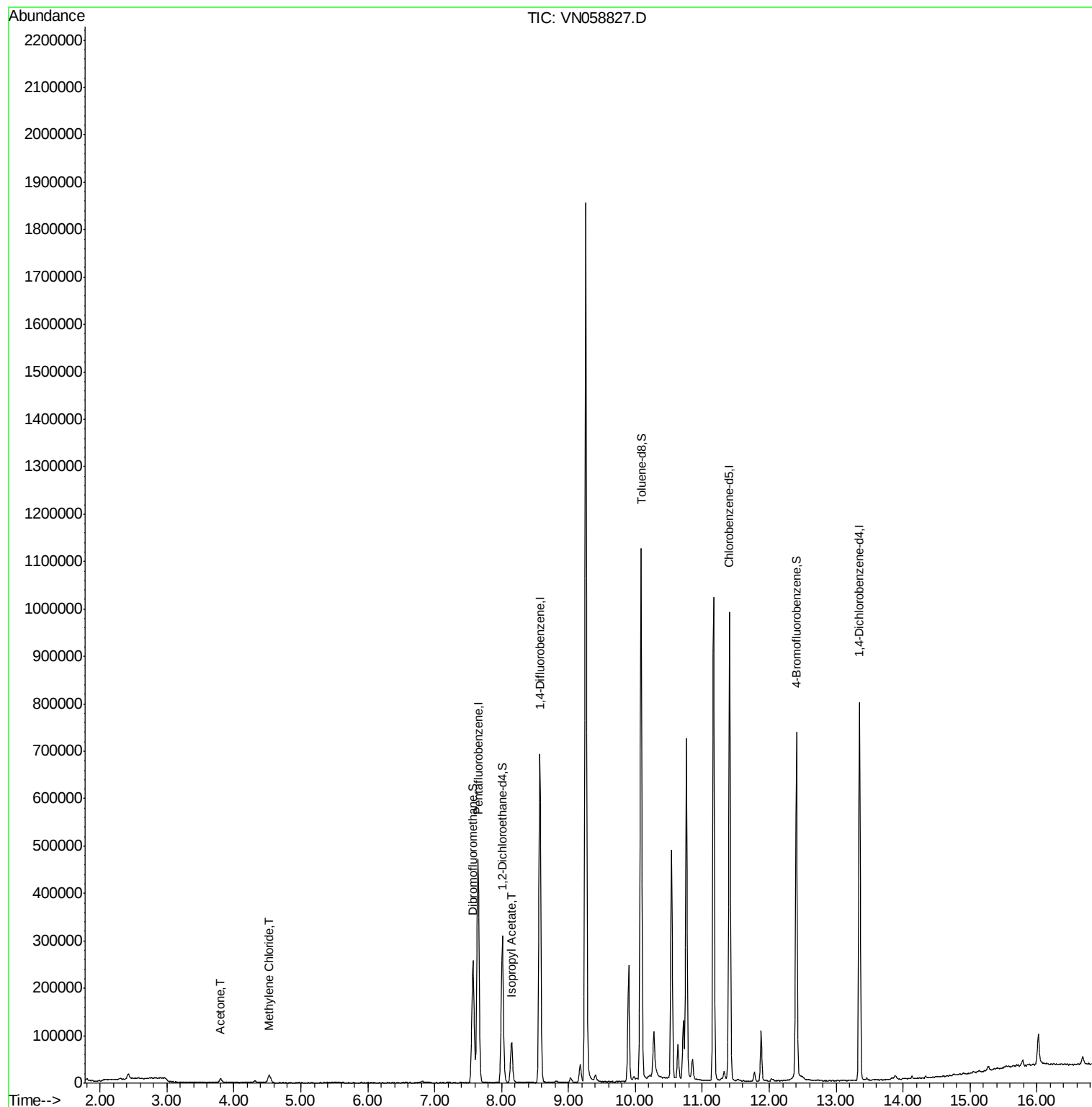
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	367822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	594721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	543718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270707	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.57	113	195777	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	10.08	98	755155	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.41	95	242997	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
Target Compounds						
16) Acetone	3.80	43	13771	6.460	ug/l	94
20) Methylene Chloride	4.53	84	11602	2.604	ug/l	92
43) Isopropyl Acetate	8.15	43	103163	9.958	ug/l #	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101719\
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T-6-D3-(46)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 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: VN058827.D

Acq: 17 Oct 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

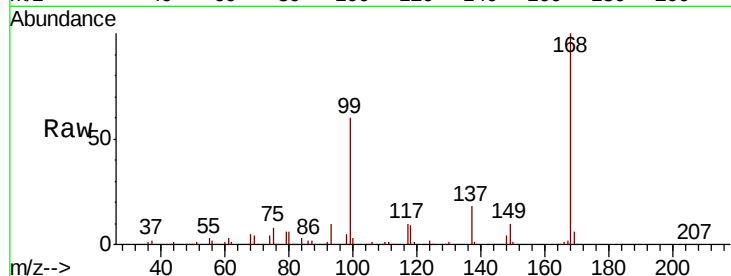
T-6-D3-(46)

Tot Ion:168 Resp: 367822

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

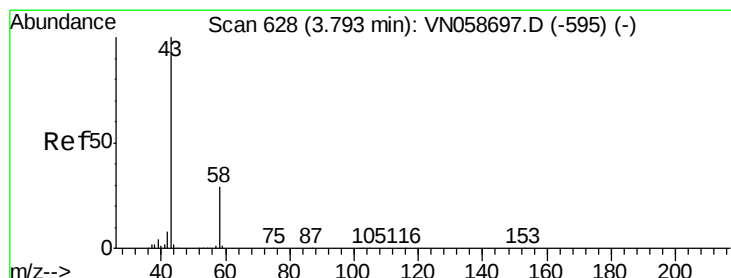
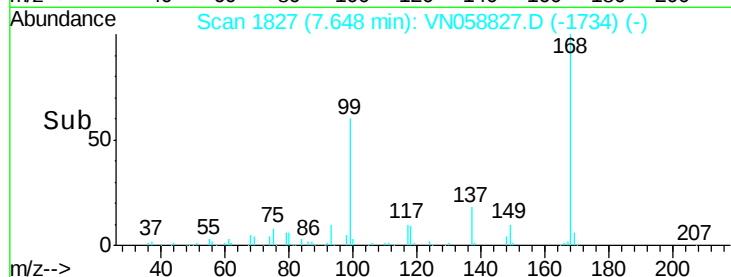
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.460 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058827.D

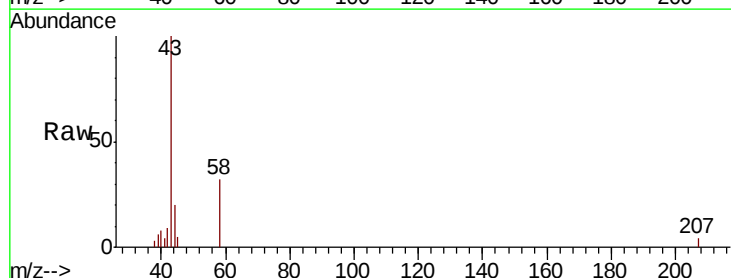
Acq: 17 Oct 2019 15:08

Tgt Ion: 43 Resp: 13771

Ion Ratio Lower Upper

43 100

58 32.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

6000

5000

4000

3000

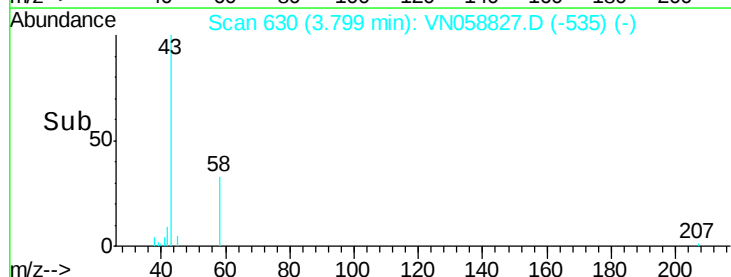
2000

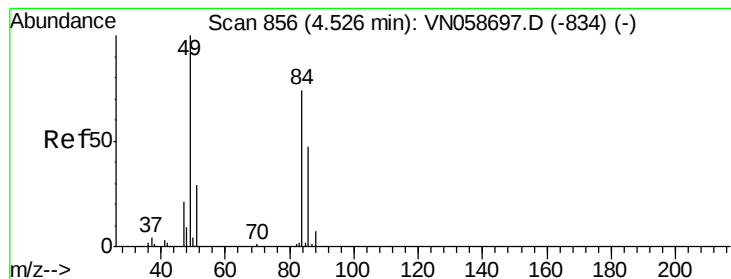
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 2.604 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058827.D

Acq: 17 Oct 2019 15:08

Instrument :

MSVOA_N

ClientSampled :

T-6-D3-(46)

Tot Ion: 84 Resp: 11602

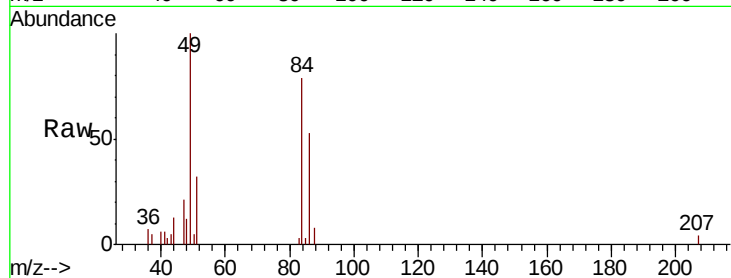
Ion Ratio Lower Upper

84 100

49 122.2 107.6 161.4

51 40.6 31.4 47.0

86 66.6 50.3 75.5

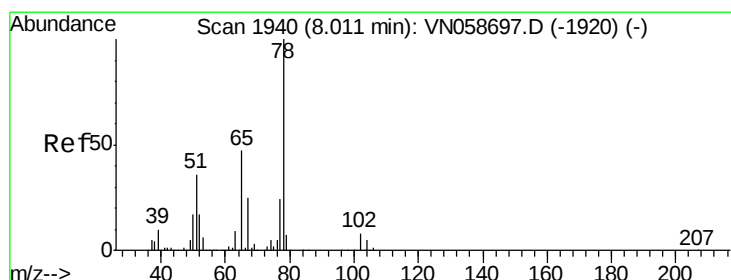
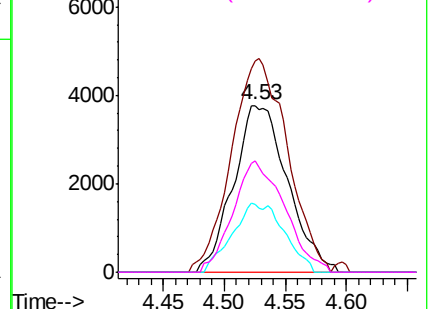
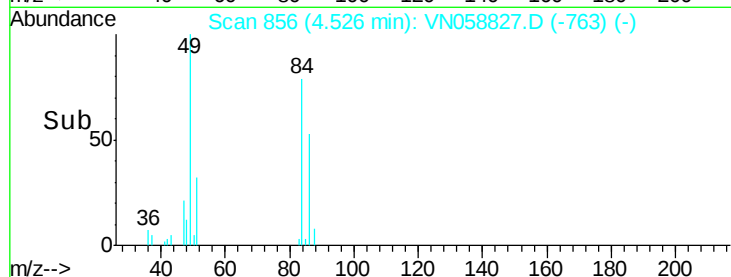


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.570 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058827.D

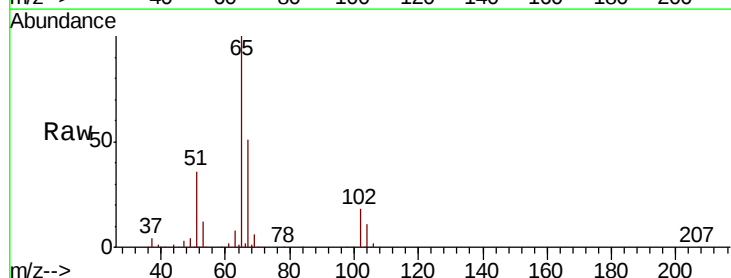
Acq: 17 Oct 2019 15:08

Tgt Ion: 65 Resp: 270707

Ion Ratio Lower Upper

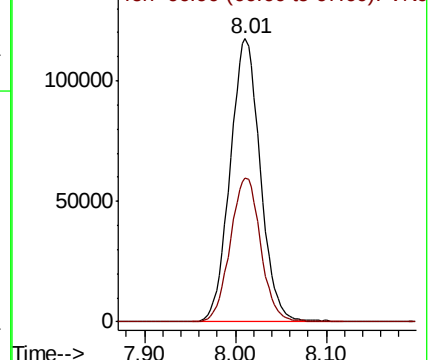
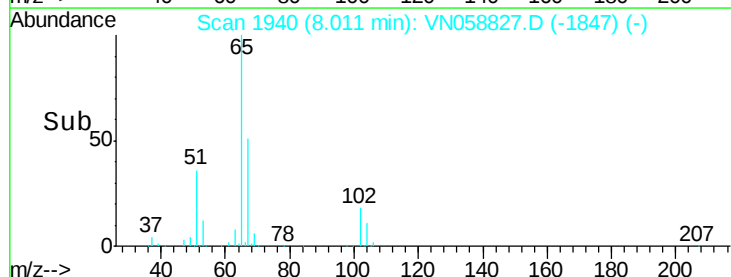
65 100

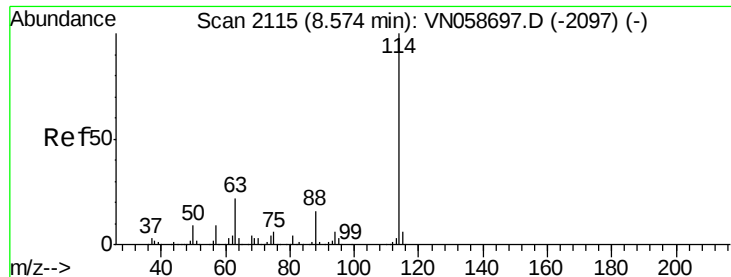
67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

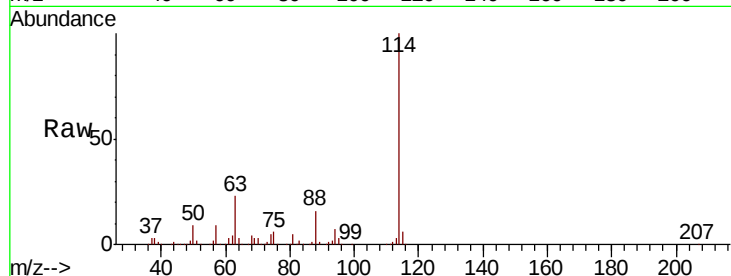




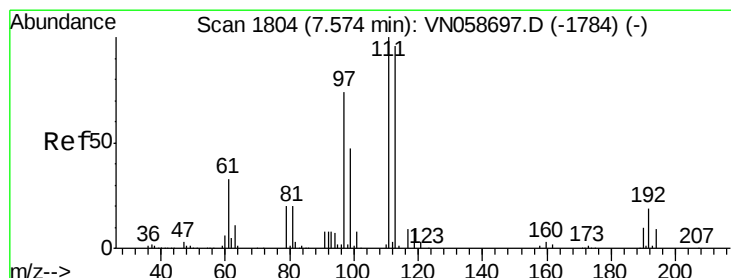
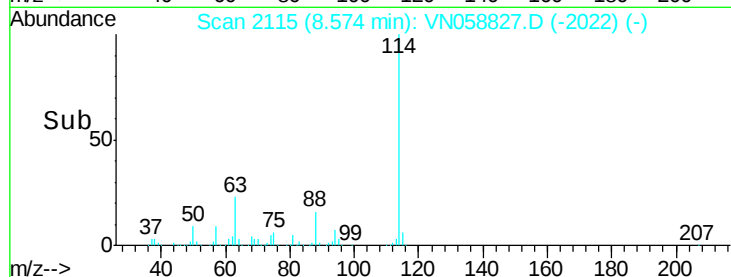
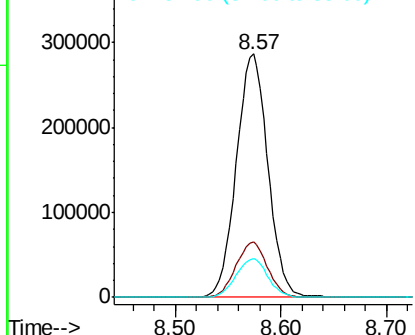
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058827.D
 Acq: 17 Oct 2019 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 T-6-D3-(46)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.8
88	15.8	0.0	32.0

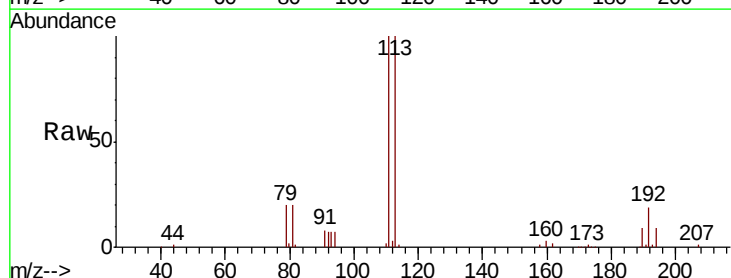


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

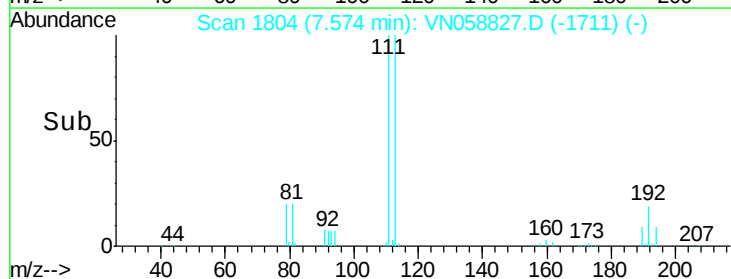
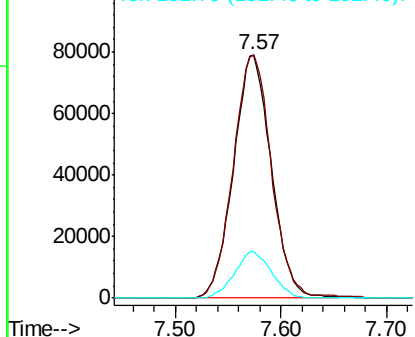


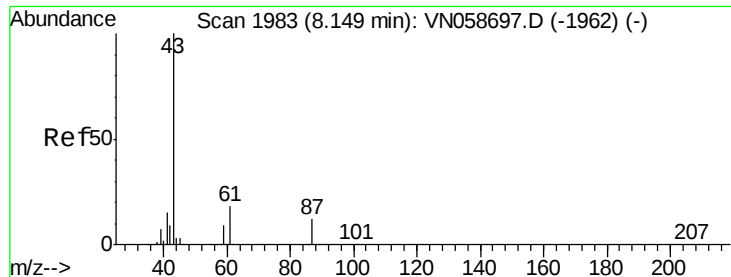
#35
 Dibromofluoromethane
 Concen: 53.295 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058827.D
 Acq: 17 Oct 2019 15:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	18.8	15.0	22.6



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: 9.958 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058827.D

Acq: 17 Oct 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

T-6-D3-(46)

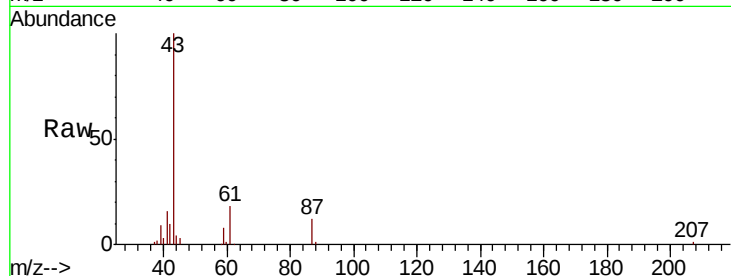
Tot Ion: 43 Resp: 103163

Ion Ratio Lower Upper

43 100

61 18.4 20.3 30.5#

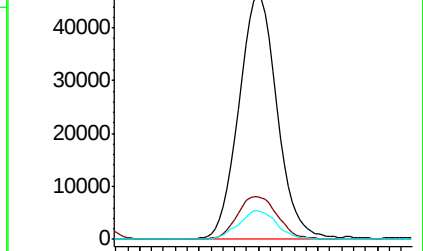
87 11.7 9.8 14.6



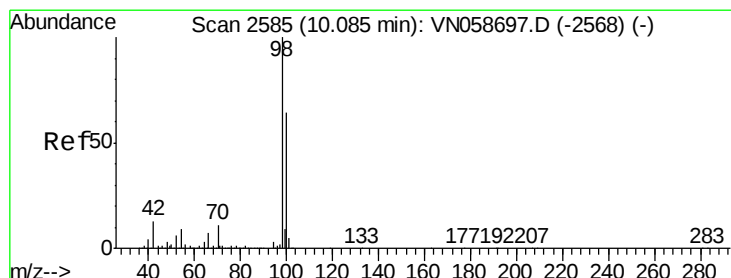
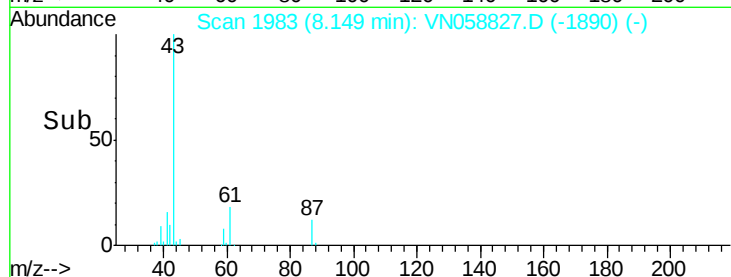
Abundance Ion 43.00 (42.70 to 43.70): VN058827.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058827.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058827.D (-1890) (-)



Time-->



#50

Toluene-d8

Concen: 51.407 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058827.D

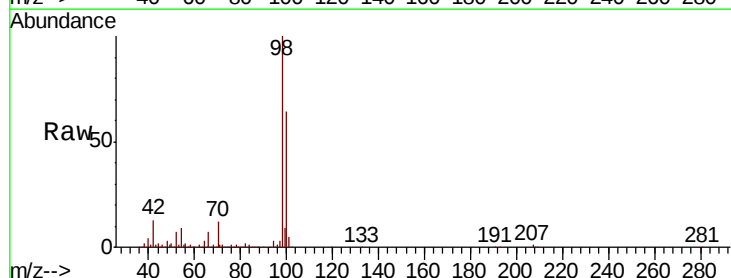
Acq: 17 Oct 2019 15:08

Tgt Ion: 98 Resp: 755155

Ion Ratio Lower Upper

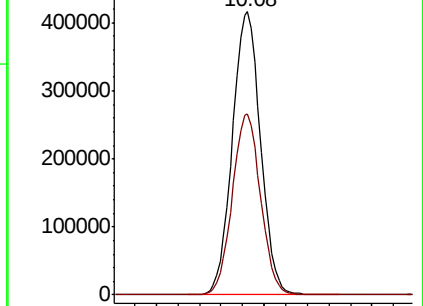
98 100

100 64.0 51.1 76.7

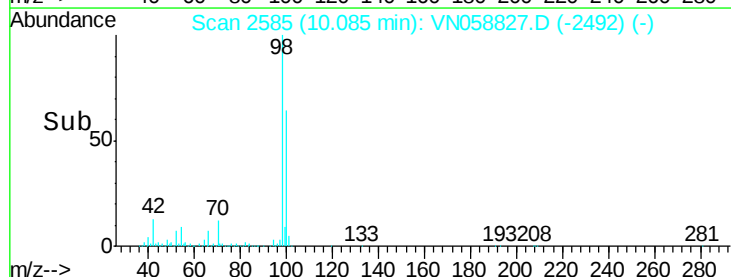


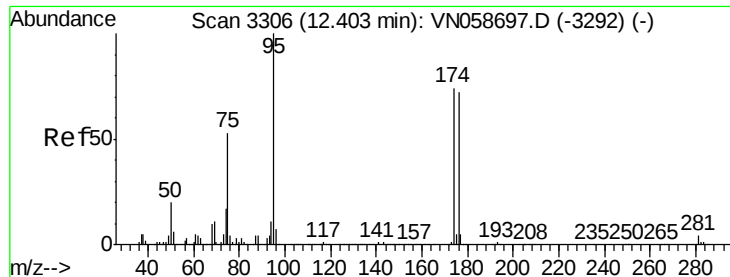
Abundance Ion 98.00 (97.70 to 98.70): VN058827.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058827.D (-2492) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 43.701 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058827.D

Acq: 17 Oct 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

T-6-D3-(46)

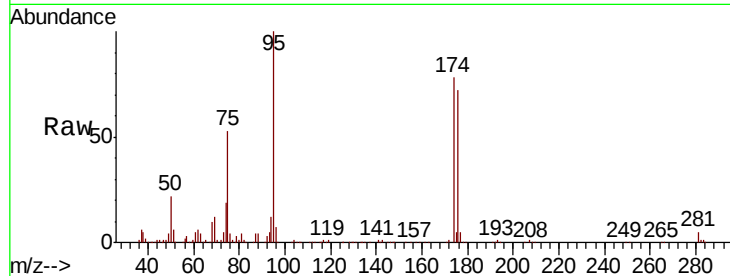
Tot Ion: 95 Resp: 242997

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.4

176 72.7 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058827.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058827.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058827.D (-3292) (-)

12.41

150000

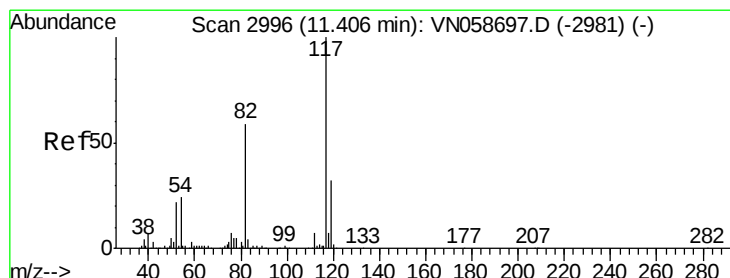
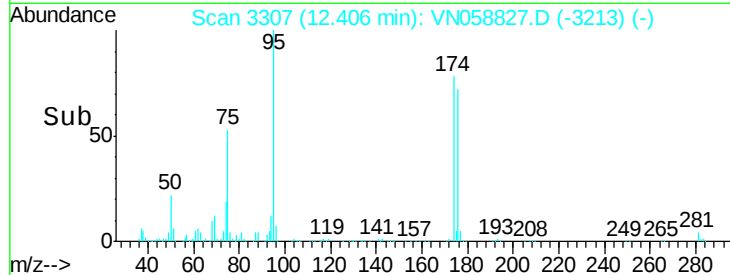
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058827.D

Acq: 17 Oct 2019 15:08

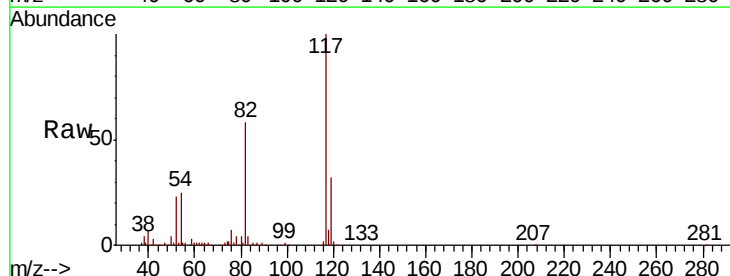
Tgt Ion: 117 Resp: 543718

Ion Ratio Lower Upper

117 100

82 57.6 47.0 70.4

119 32.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN058827.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058827.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058827.D (-2903) (-)

11.41

400000

300000

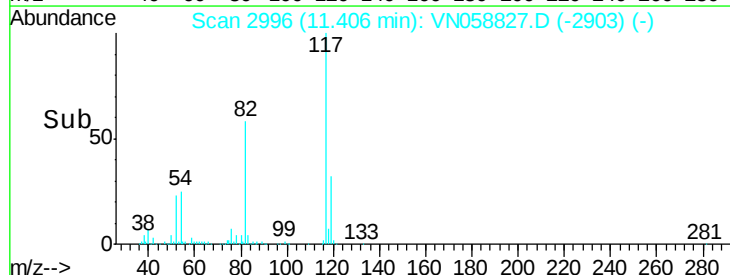
200000

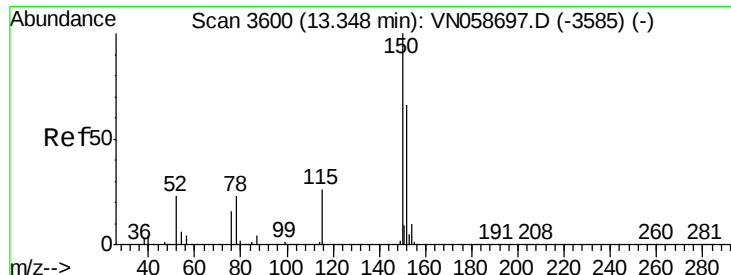
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058827.D

Acq: 17 Oct 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

T-6-D3-(46)

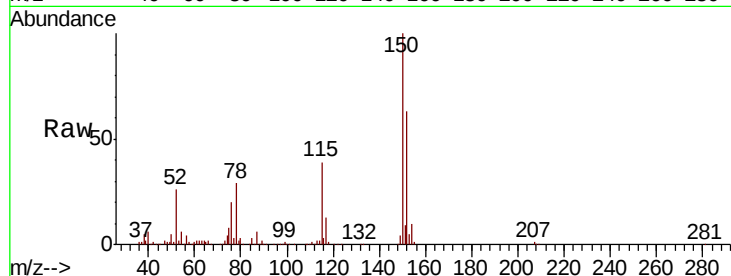
Tot Ion:152 Resp: 203734

Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.2

150 157.5 0.0 345.4



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

