

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058877.D
 Acq On : 21 Oct 2019 11:05
 Operator : JC/SP
 Sample : K5452-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0422

Quant Time: Oct 22 03:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

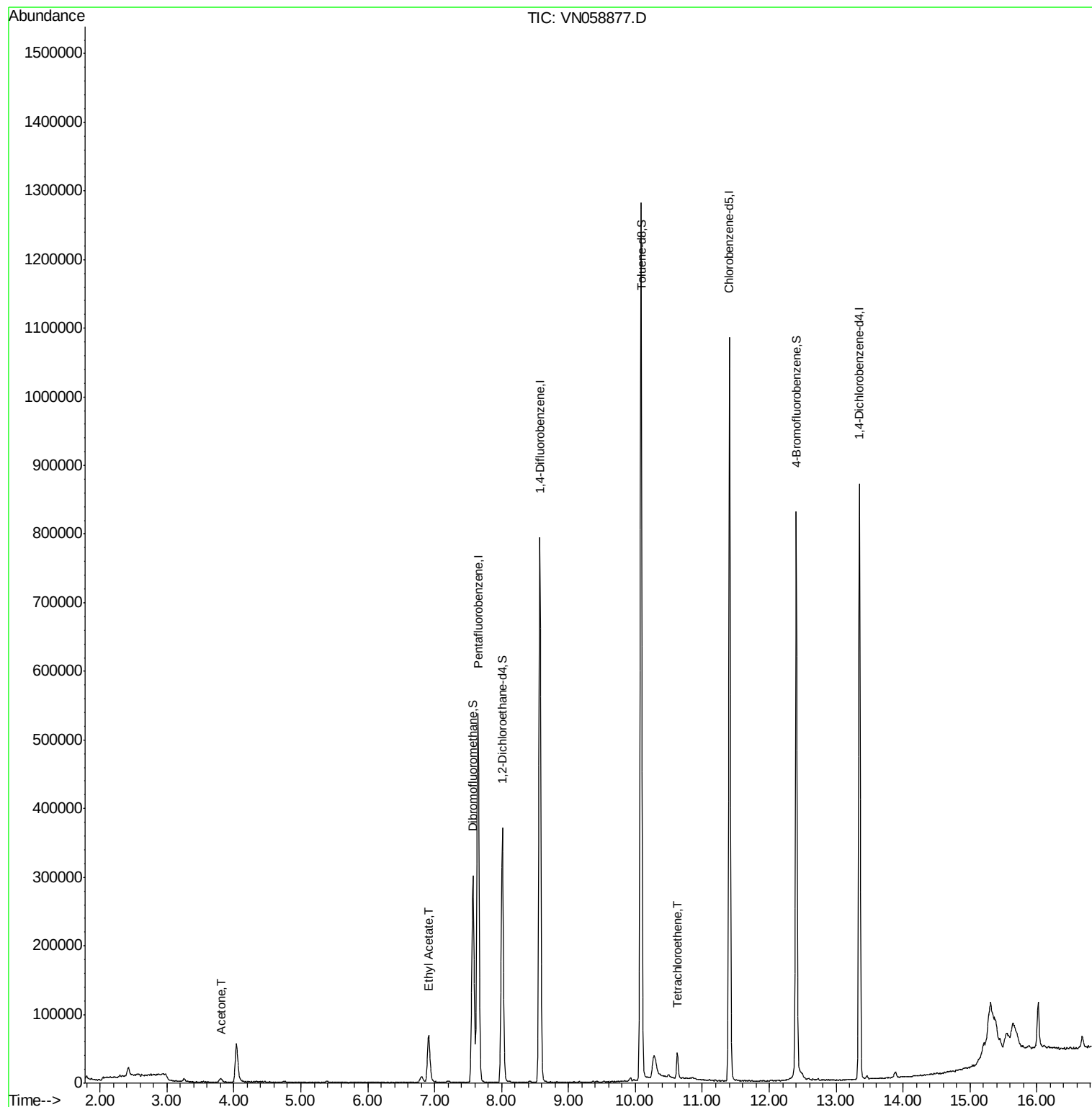
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	681560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	596293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	223574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324686	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	7.57	113	231261	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	10.08	98	871685	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	277702	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
16) Acetone	3.80	43	9892	3.244	ug/l	99
37) Ethyl Acetate	6.91	43	115596	15.204	ug/l	98
64) Tetrachloroethene	10.63	164	8433	2.019	ug/l	93

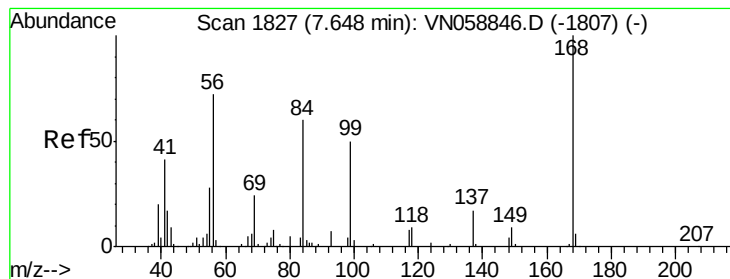
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 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: VN058877.D

Acq: 21 Oct 2019 11:05

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MSVOA_N

ClientSampleId :

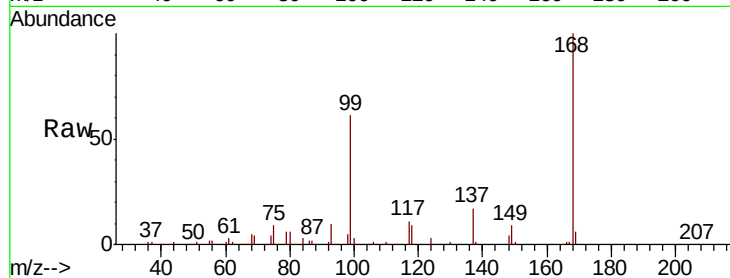
FA19-MMW0422

Tot Ion:168 Resp: 420812

Ion Ratio Lower Upper

168 100

99 60.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

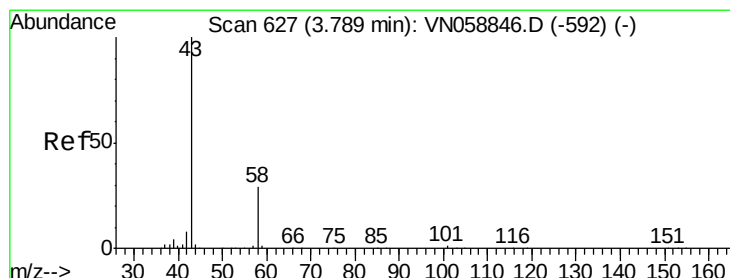
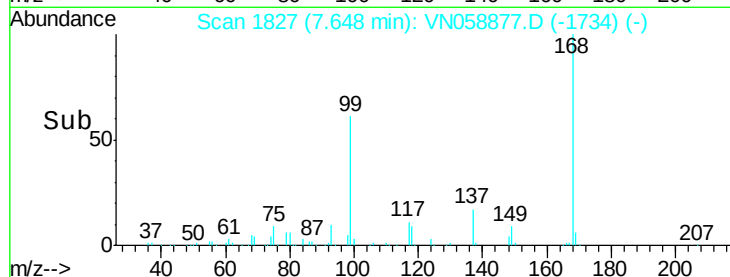
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 3.244 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058877.D

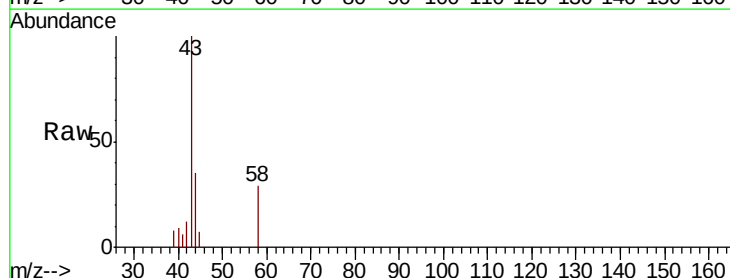
Acq: 21 Oct 2019 11:05

Tgt Ion: 43 Resp: 9892

Ion Ratio Lower Upper

43 100

58 28.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

3000

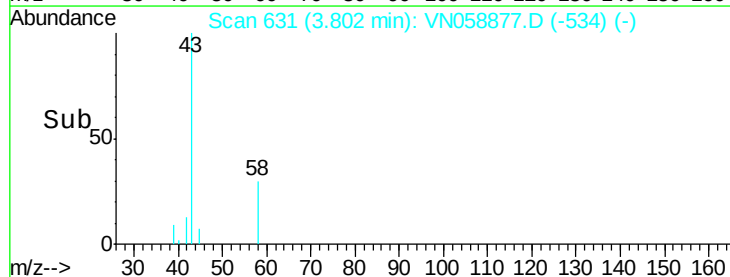
2000

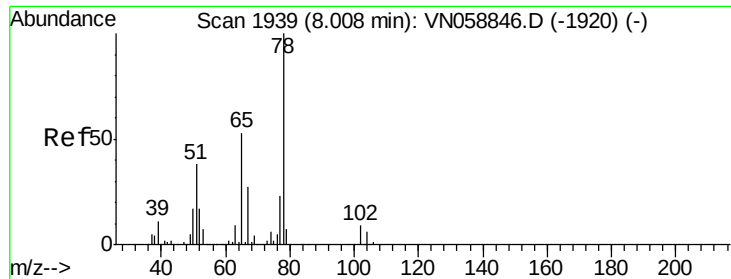
1000

0

3.70 3.80 3.90

Time-->

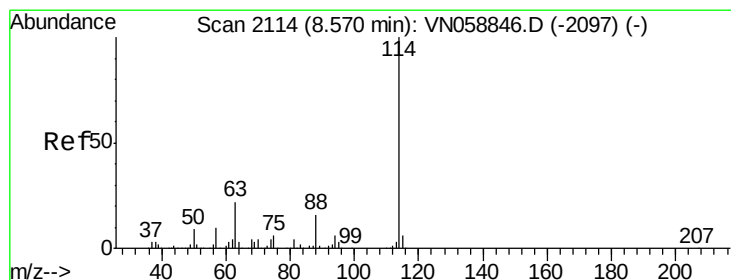
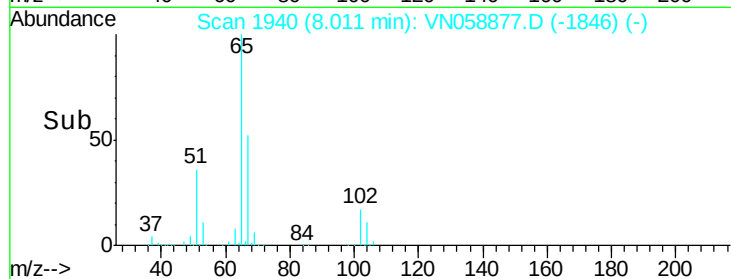
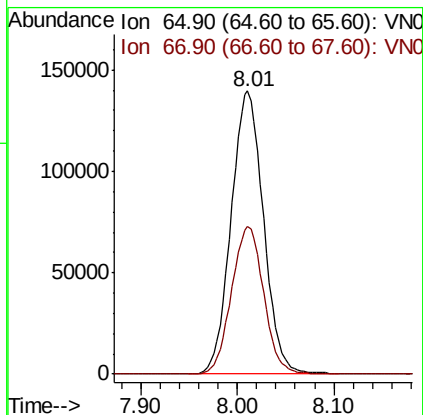
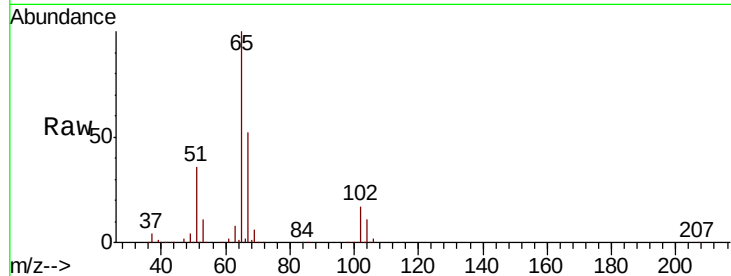




#33
 1,2-Dichloroethane-d4
 Concen: 52.607 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058877.D
 Acq: 21 Oct 2019 11:05

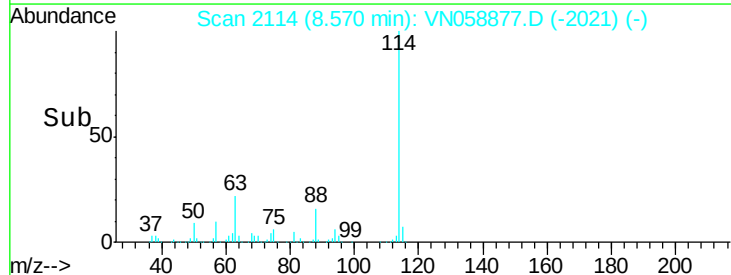
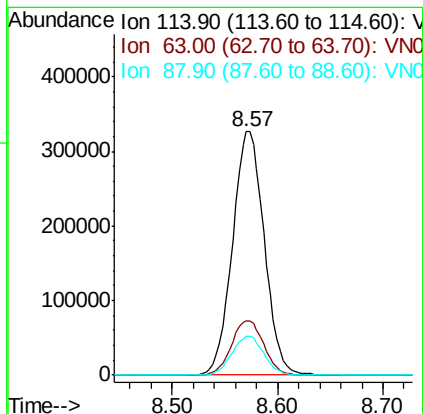
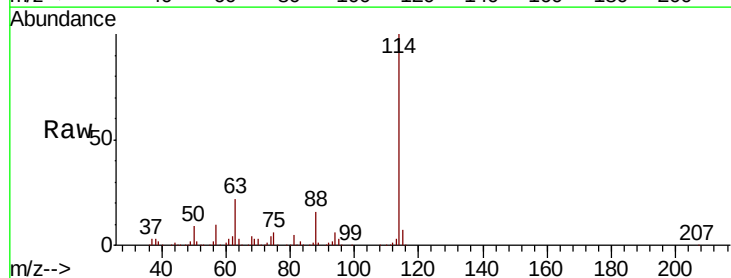
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0422

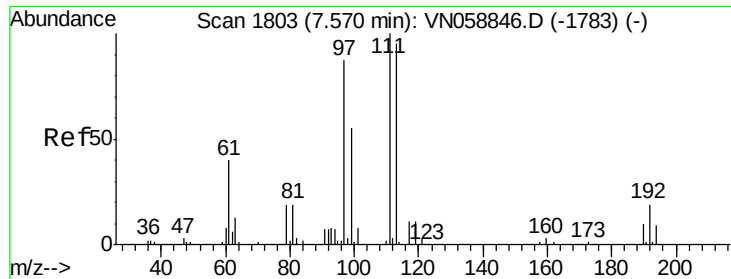
Tot Ion: 65 Resp: 324686
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058877.D
 Acq: 21 Oct 2019 11:05

Tgt Ion: 114 Resp: 681560
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.4
 88 15.9 0.0 31.4

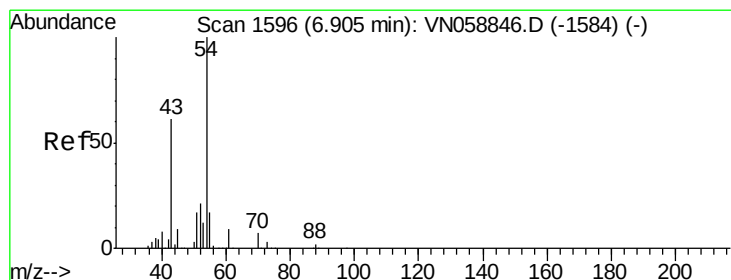
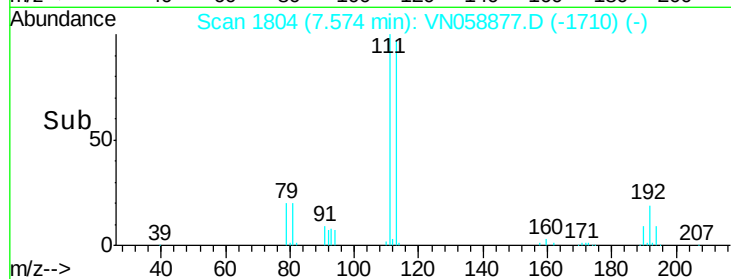
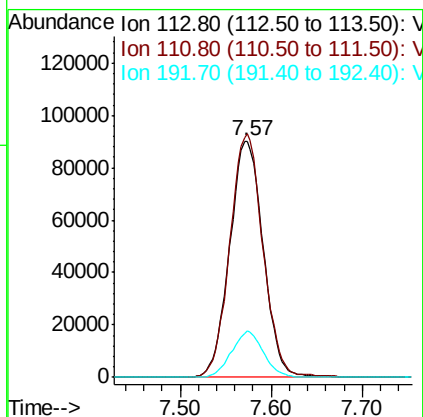
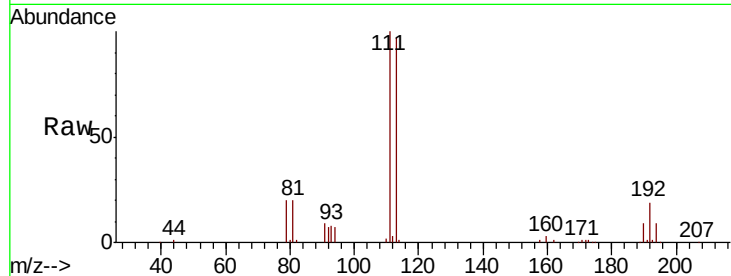




#35
 Dibromofluoromethane
 Concen: 51.608 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058877.D
 Acq: 21 Oct 2019 11:05

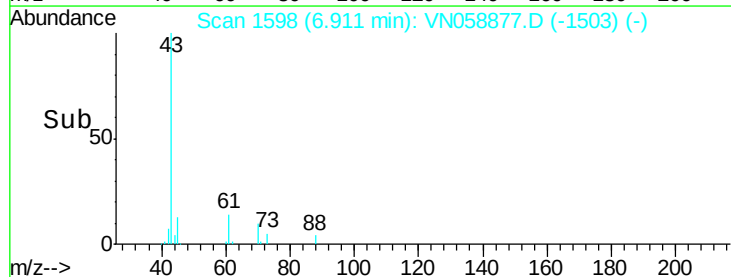
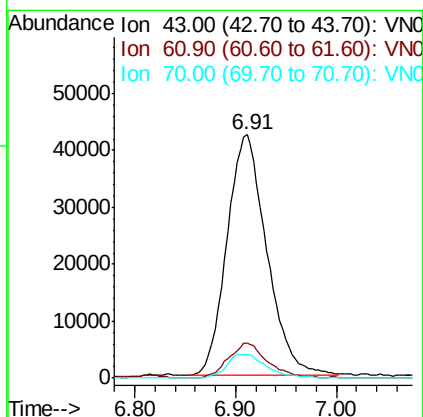
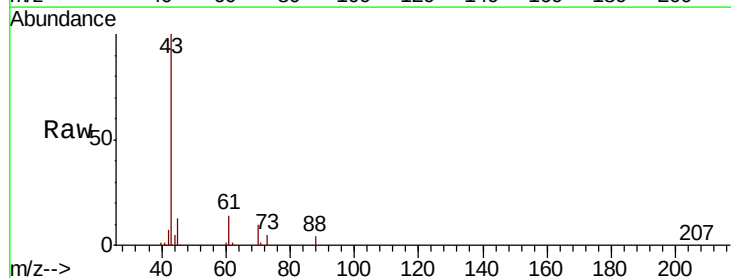
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0422

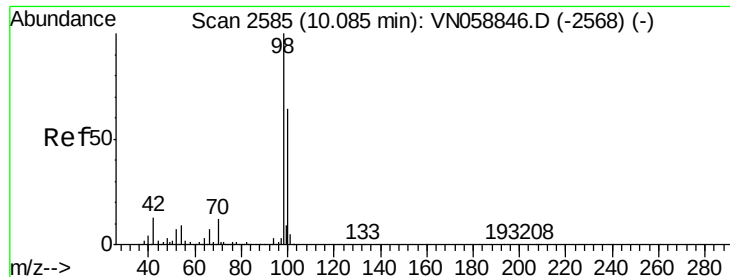
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	18.5	15.0	22.6



#37
 Ethyl Acetate
 Concen: 15.204 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: VN058877.D
 Acq: 21 Oct 2019 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.5	15.7
70	10.0	7.6	11.4





#50

Toluene-d8

Concen: 50.111 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058877.D

Acq: 21 Oct 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

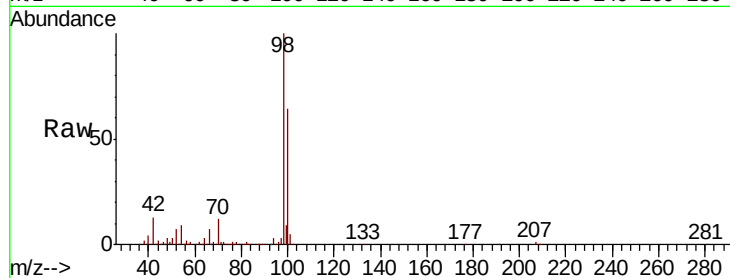
FA19-MMW0422

Tot Ion: 98 Resp: 871685

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058877.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058877.D (-2492) (-)

10.08

500000

400000

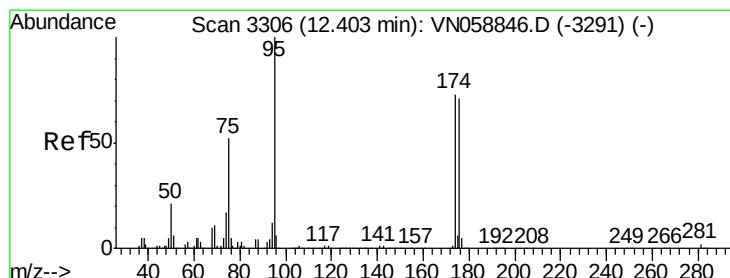
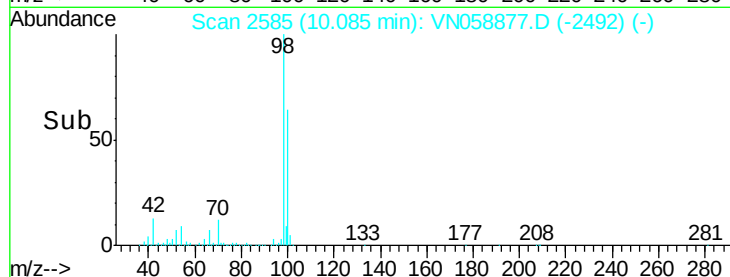
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.473 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058877.D

Acq: 21 Oct 2019 11:05

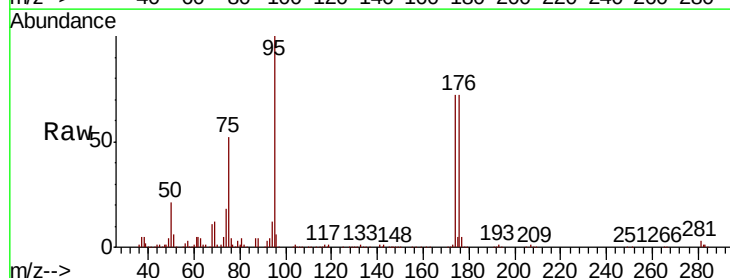
Tgt Ion: 95 Resp: 277702

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.6

176 73.5 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058877.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058877.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058877.D (-3213) (-)

12.40

200000

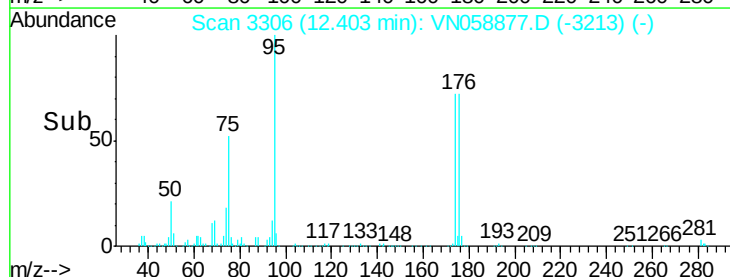
150000

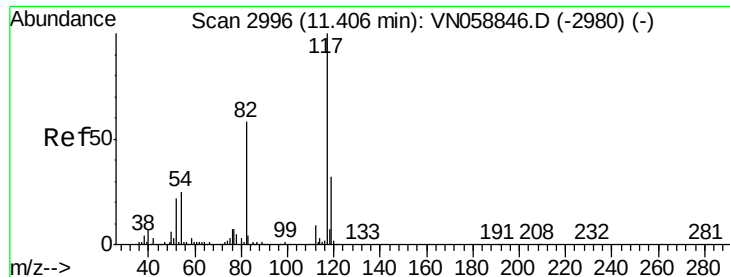
100000

50000

0

Time-->

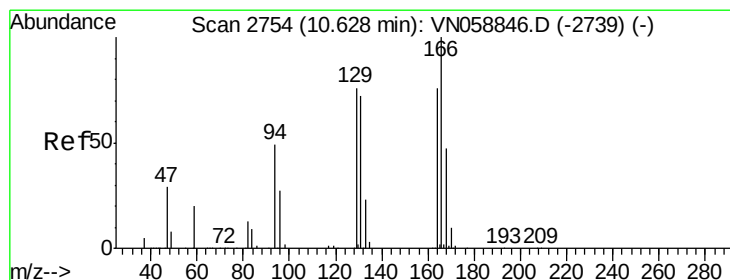
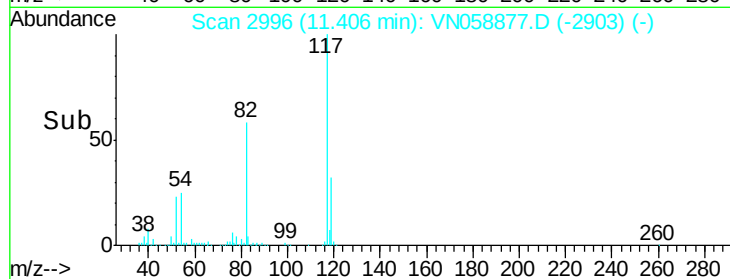
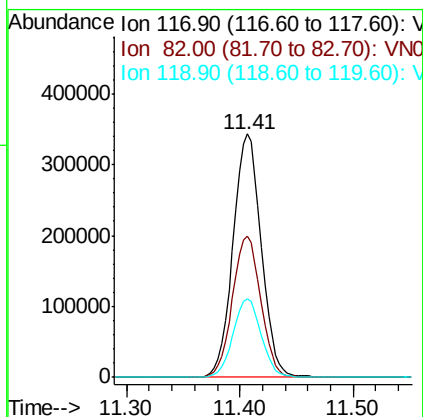
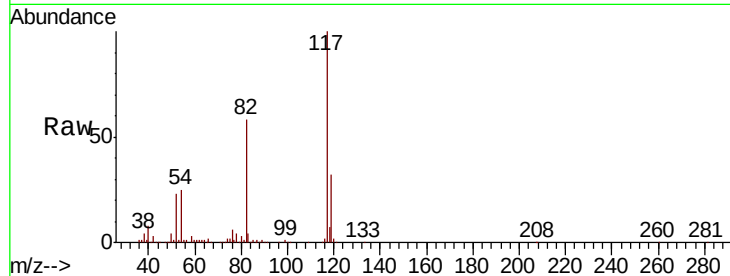




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058877.D
Acq: 21 Oct 2019 11:05

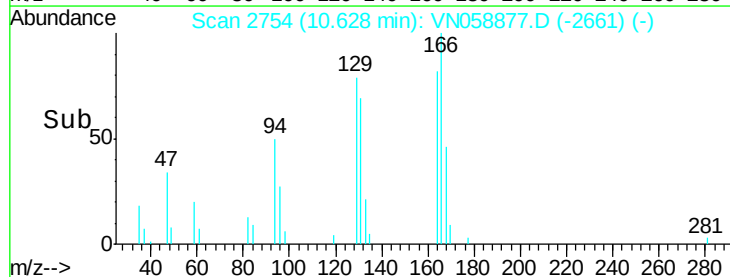
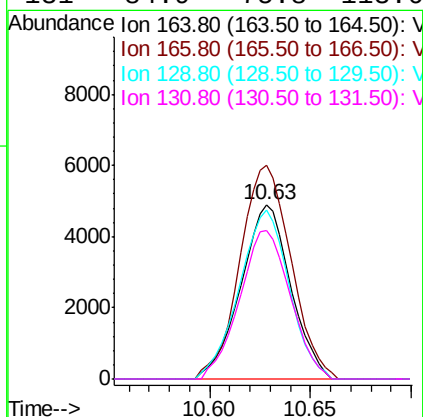
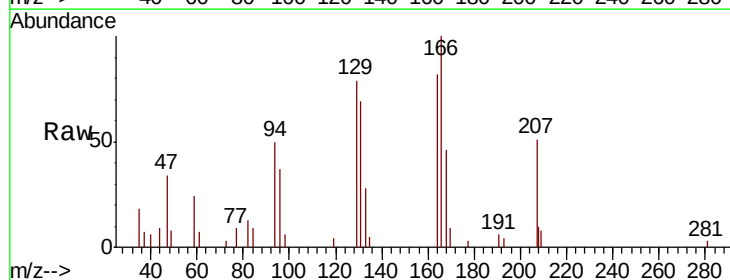
Instrument :
MSVOA_N
ClientSampleId :
FA19-MMW0422

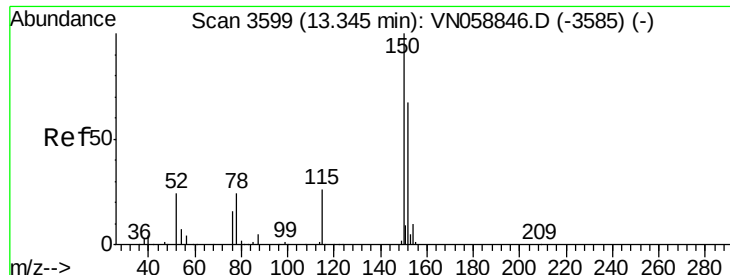
Tot Ion:117 Resp: 596293
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 2.019 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058877.D
Acq: 21 Oct 2019 11:05

Tgt Ion:164 Resp: 8433
Ion Ratio Lower Upper
164 100
166 122.3 104.8 157.2
129 96.9 79.3 118.9
131 84.9 75.8 113.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058877.D

Acq: 21 Oct 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0422

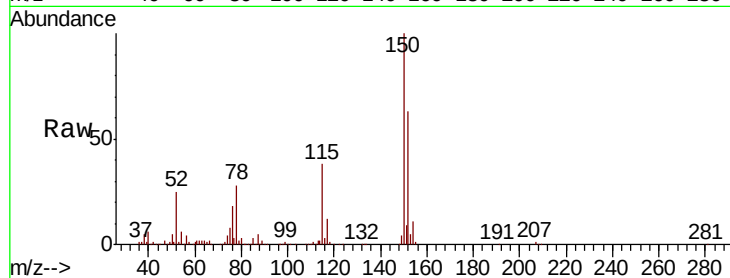
Tot Ion:152 Resp: 223574

Ion Ratio Lower Upper

152 100

115 61.2 30.5 91.5

150 157.7 0.0 344.4



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

