

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058866.D
 Acq On : 18 Oct 2019 18:17
 Operator : JC/SP
 Sample : K5452-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7806

Quant Time: Oct 21 08:32:02 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

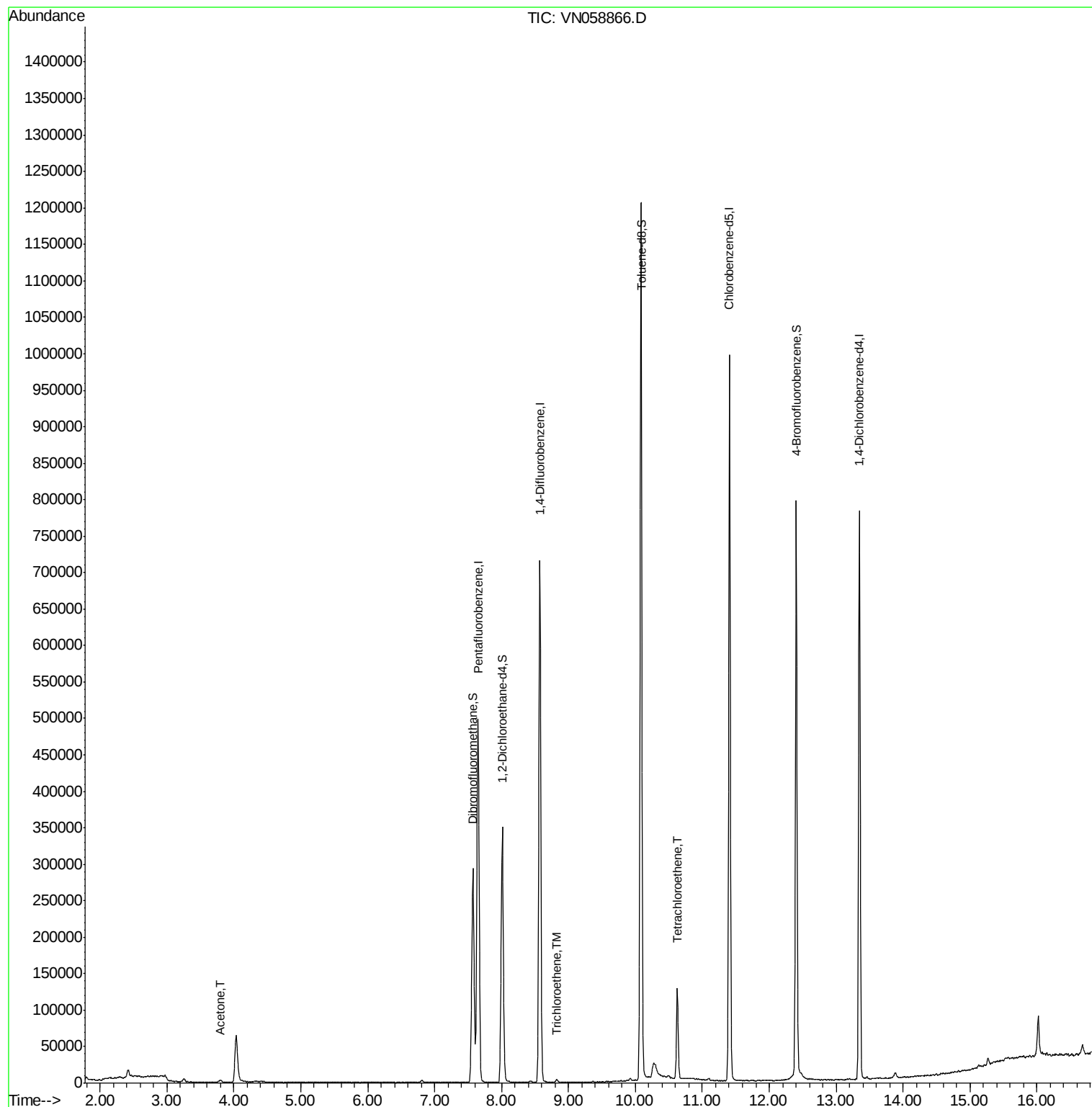
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	384735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	606653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	308157	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
35) Dibromofluoromethane	7.57	113	219258	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.08	98	826513	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.40	95	262973	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
16) Acetone	3.80	43	5778	2.072	ug/l	98
44) Trichloroethene	8.82	130	1497	0.337	ug/l	90
64) Tetrachloroethene	10.63	164	27522	7.259	ug/l	96

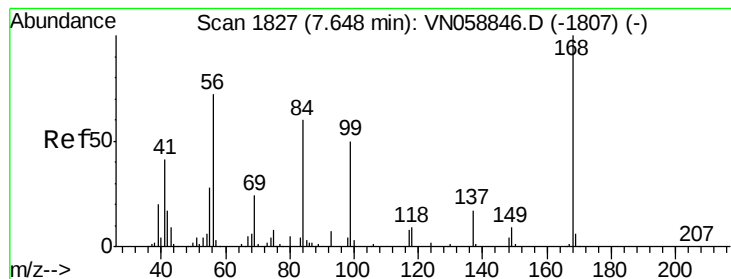
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058866.D

Acq: 18 Oct 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

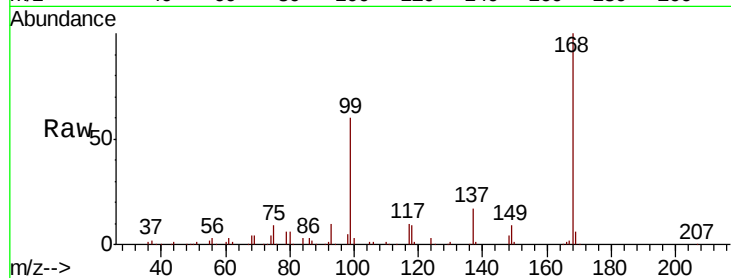
FA19-JBW7806

Tot Ion:168 Resp: 384735

Ion Ratio Lower Upper

168 100

99 60.2 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

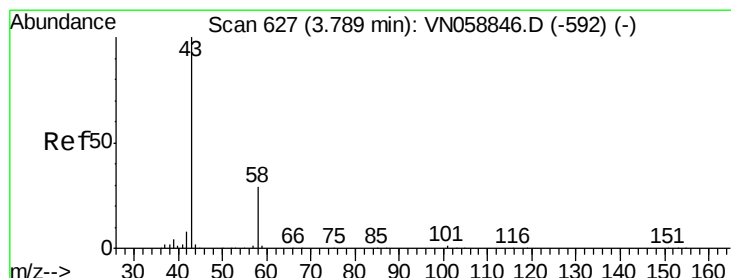
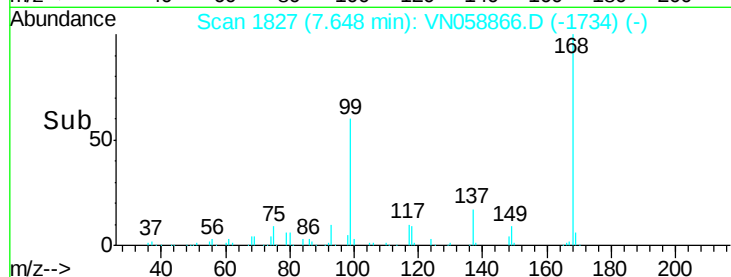
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.072 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058866.D

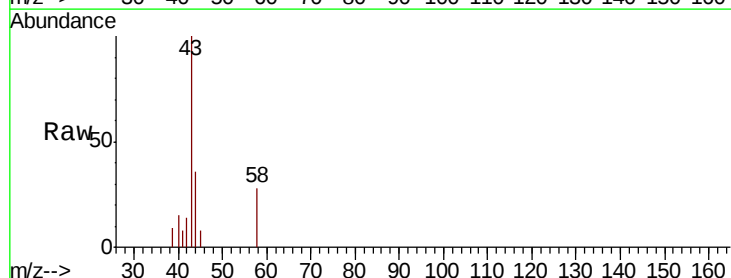
Acq: 18 Oct 2019 18:17

Tgt Ion: 43 Resp: 5778

Ion Ratio Lower Upper

43 100

58 28.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.80

2000

1500

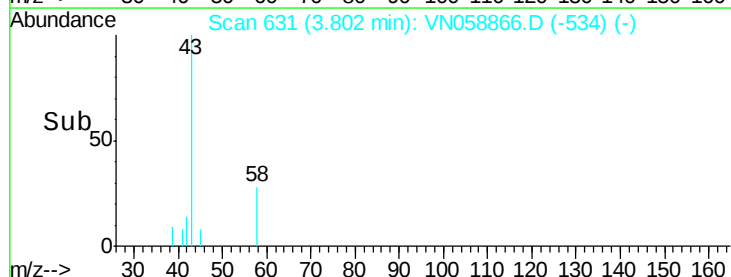
1000

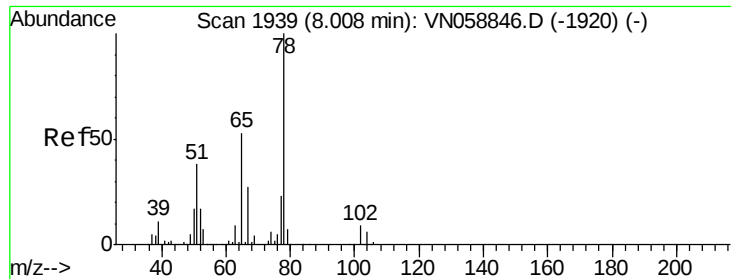
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.611 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058866.D

Acq: 18 Oct 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

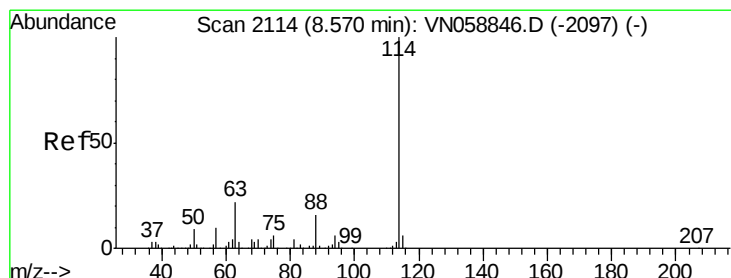
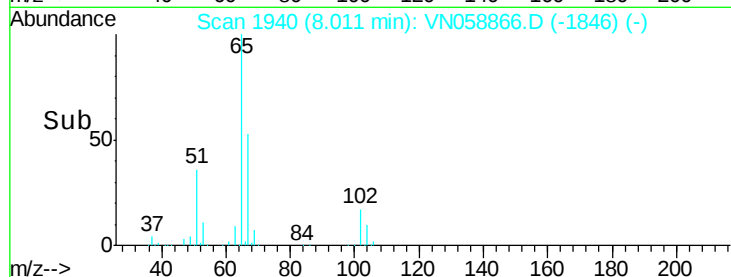
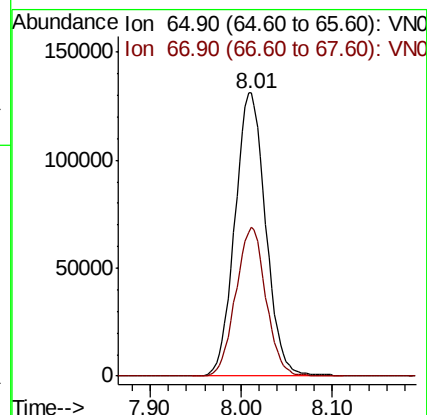
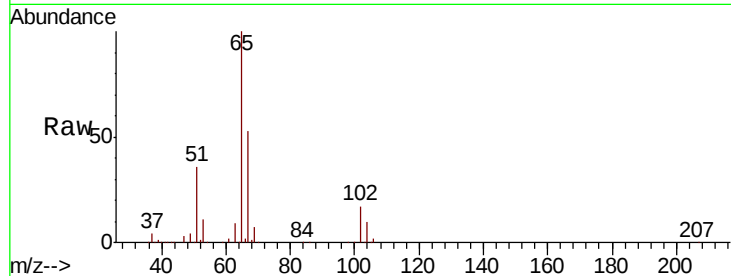
FA19-JBW7806

Tot Ion: 65 Resp: 308157

Ion Ratio Lower Upper

65 100

67 51.4 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: VN058866.D

Acq: 18 Oct 2019 18:17

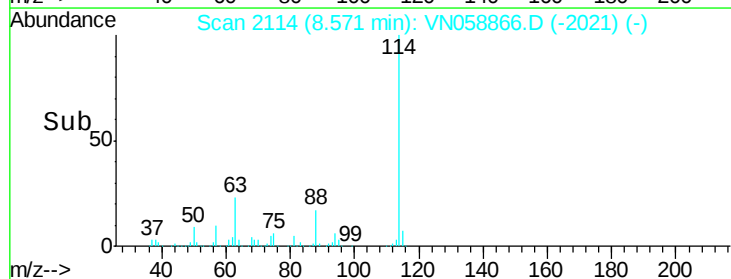
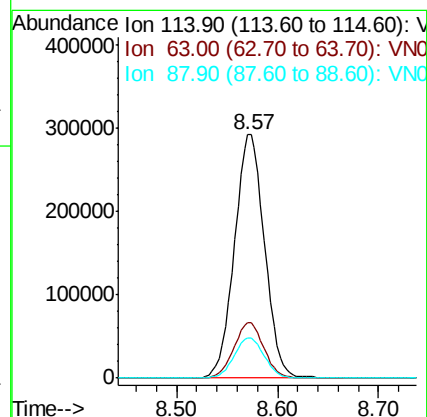
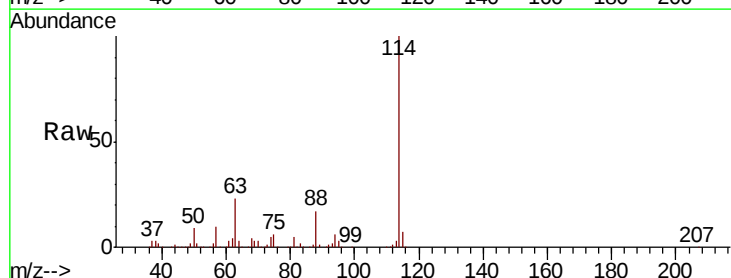
Tgt Ion: 114 Resp: 606653

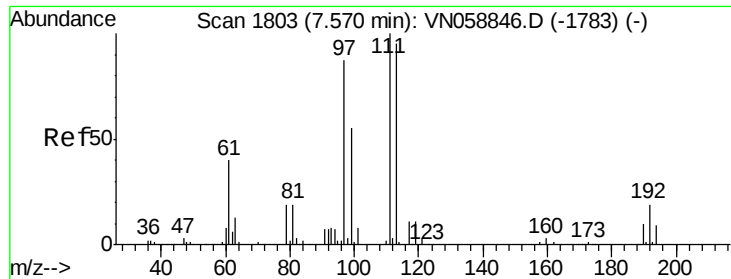
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.4

88 16.6 0.0 31.4

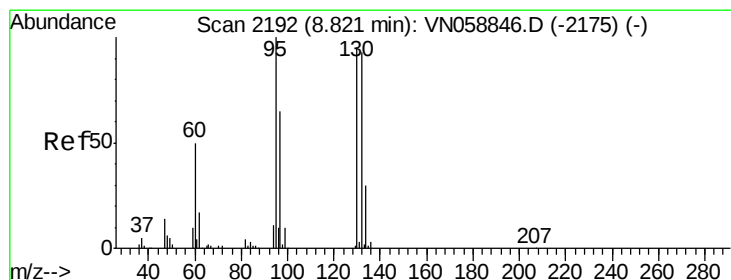
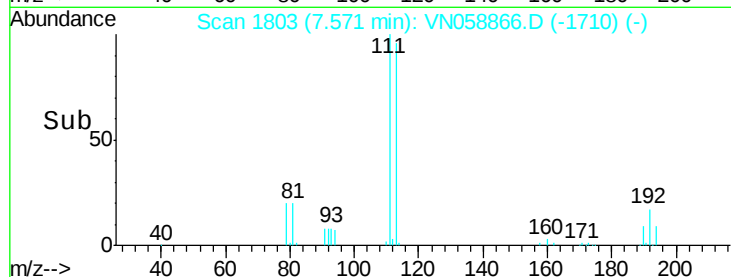
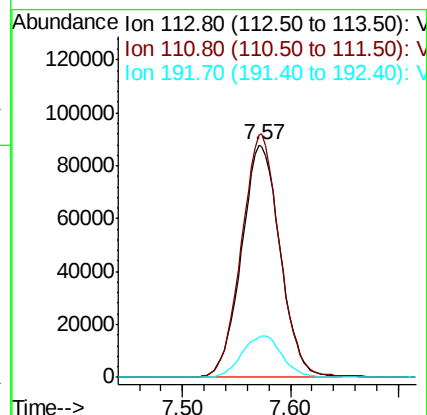
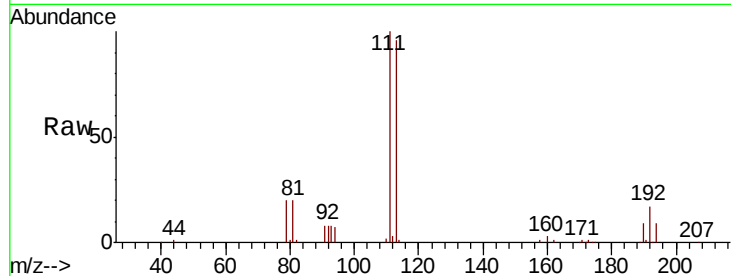




#35
 Dibromofluoromethane
 Concen: 54.971 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058866.D
 Acq: 18 Oct 2019 18:17

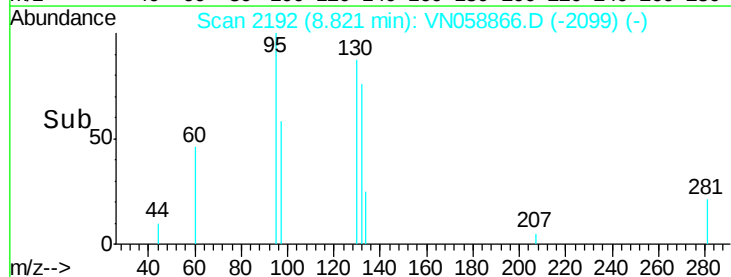
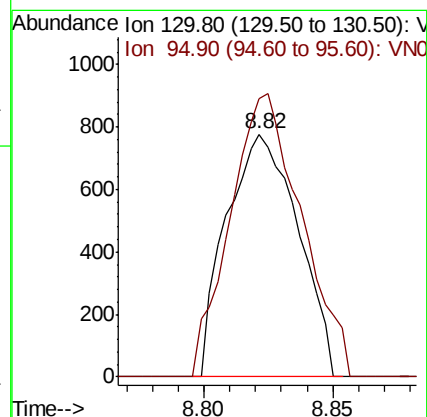
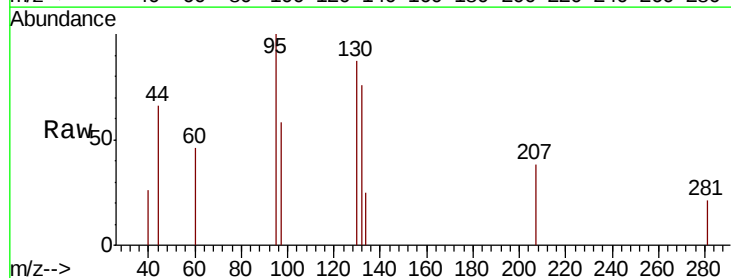
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7806

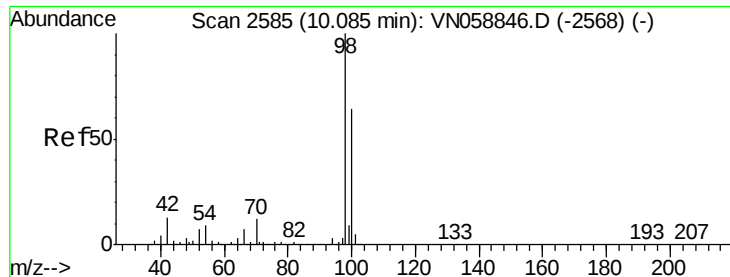
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.5	15.0	22.6



#44
 Trichloroethene
 Concen: 0.337 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VN058866.D
 Acq: 18 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	114.9	0.0	209.6





#50

Toluene-d8

Concen: 53.381 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058866.D

Acq: 18 Oct 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

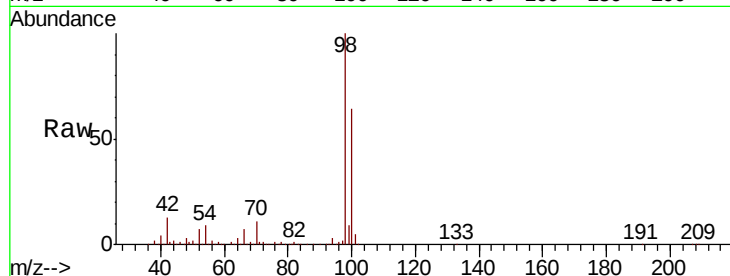
FA19-JBW7806

Tot Ion: 98 Resp: 826513

Ion Ratio Lower Upper

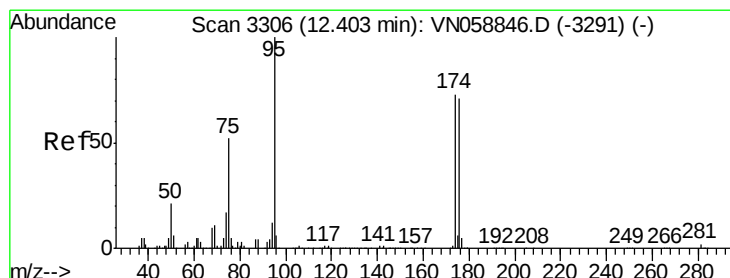
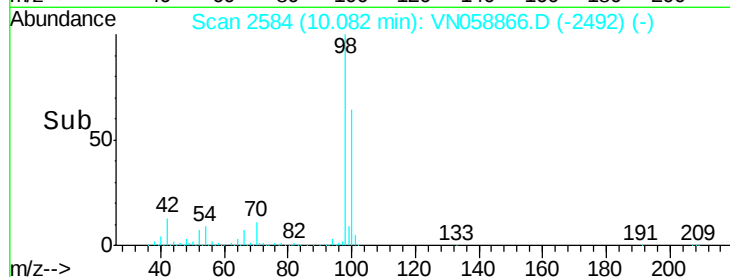
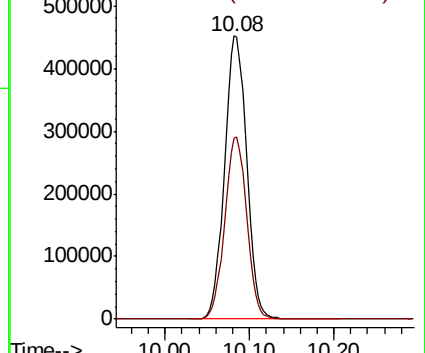
98 100

100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.251 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058866.D

Acq: 18 Oct 2019 18:17

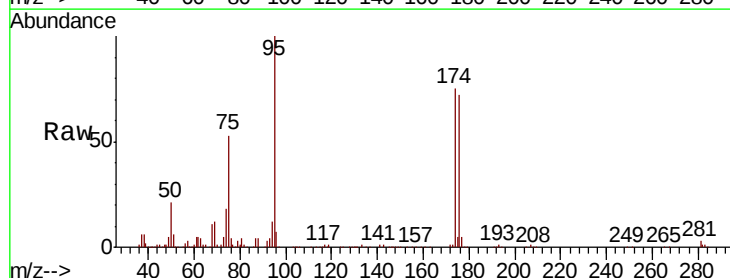
Tgt Ion: 95 Resp: 262973

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.6

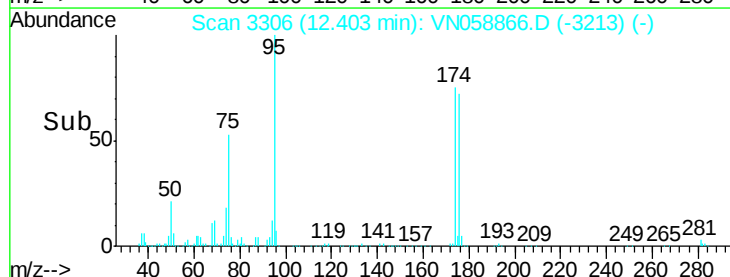
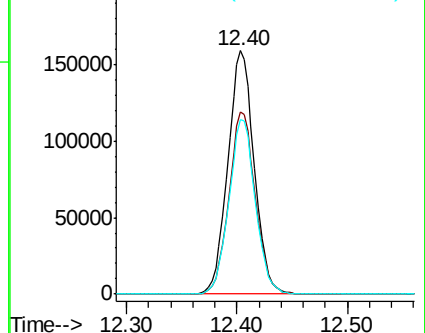
176 72.1 0.0 143.2

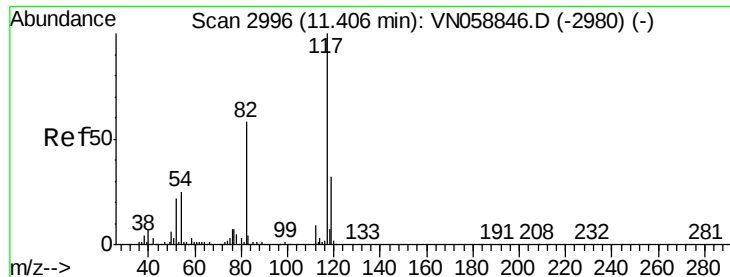


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

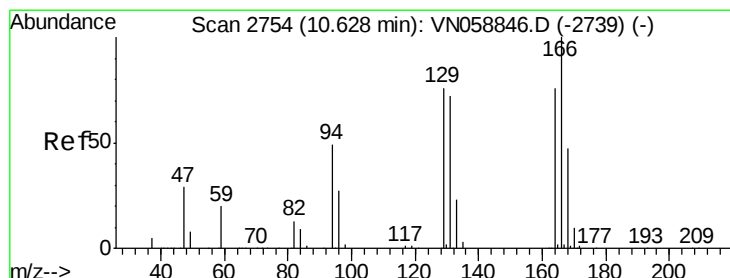
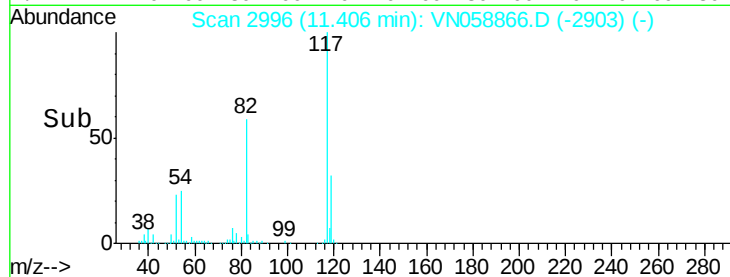
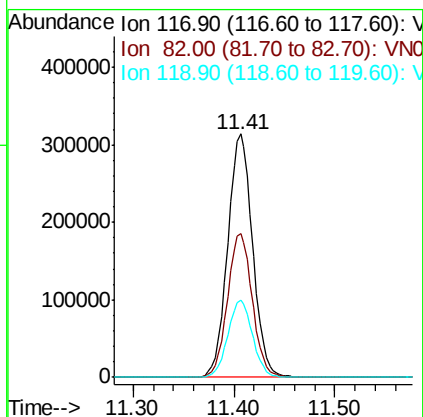
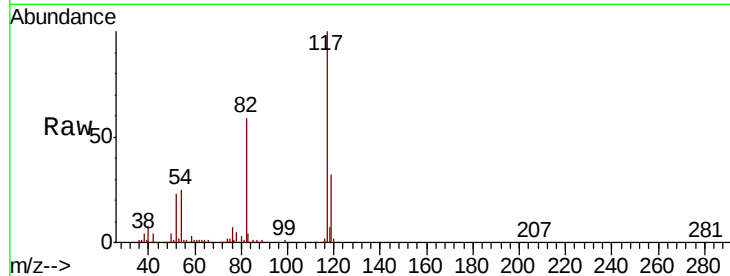




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058866.D
Acq: 18 Oct 2019 18:17

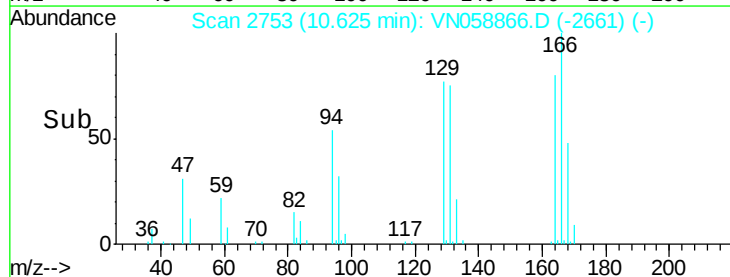
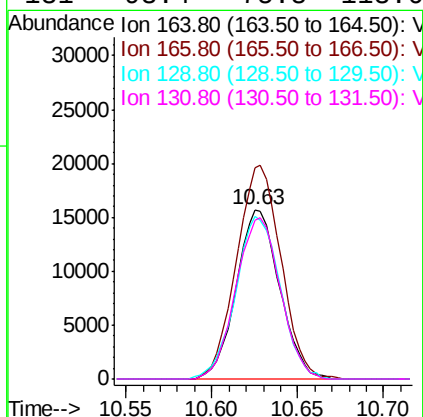
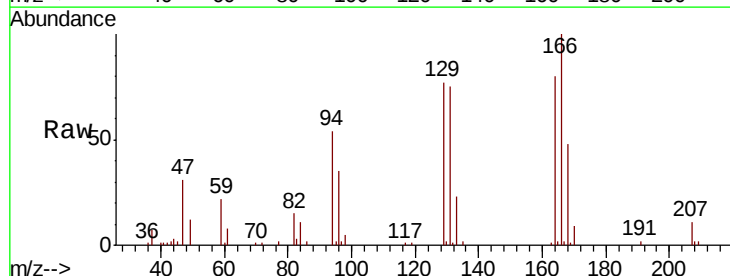
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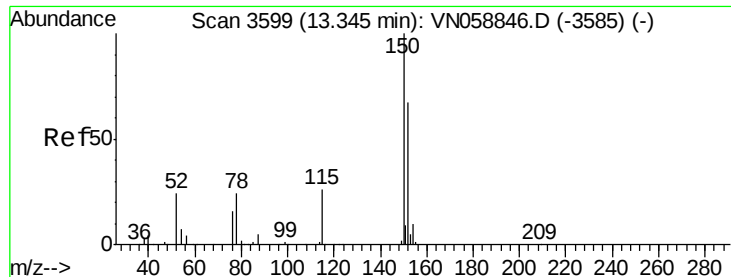
Tot Ion:117 Resp: 541393
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 7.259 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058866.D
Acq: 18 Oct 2019 18:17

Tgt Ion:164 Resp: 27522
Ion Ratio Lower Upper
164 100
166 124.6 104.8 157.2
129 95.6 79.3 118.9
131 93.4 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: VN058866.D

Acq: 18 Oct 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7806

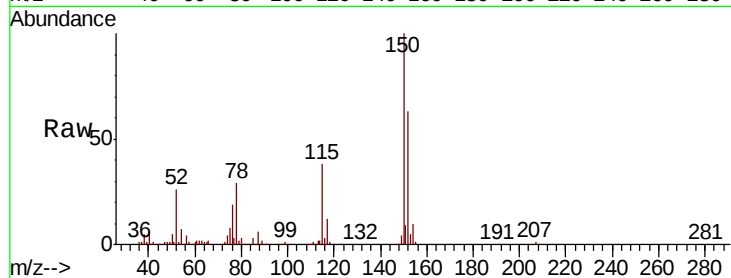
Tot Ion:152 Resp: 200380

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

150 157.6 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

