

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW083018\
 Data File : VW005025.D
 Acq On : 30 Aug 2018 18:06
 Operator : SY/AP
 Sample : J4648-08
 Misc : 7.67G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-@-8-FT

Quant Time: Aug 31 05:36:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

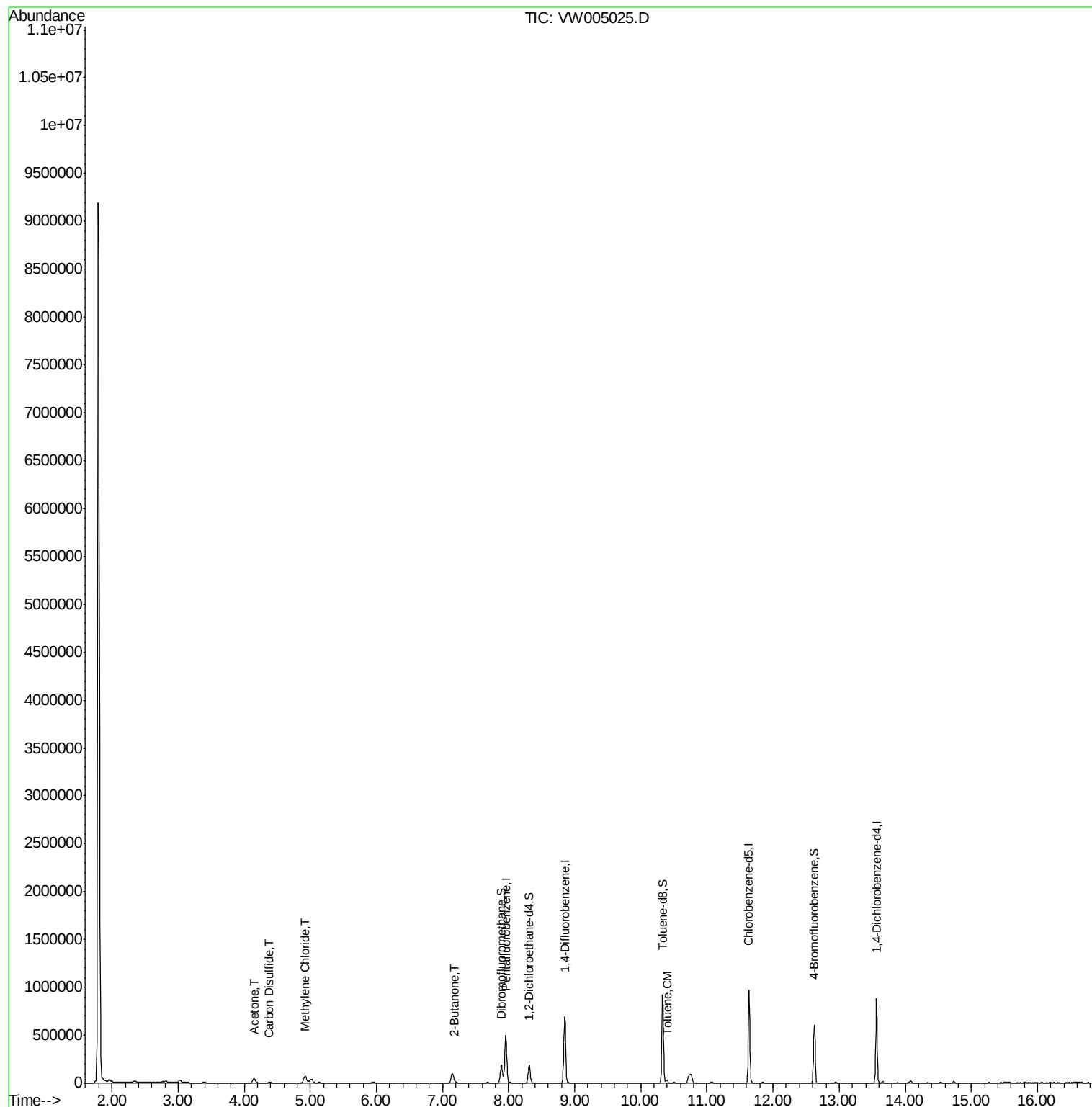
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	405814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	603190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	575885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	243431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146080	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	7.89	113	141499	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.33	98	639561	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
62) 4-Bromofluorobenzene	12.62	95	198182	33.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.24%	
Target Compounds						
16) Acetone	4.15	43	86781	138.627	ug/l	98
17) Carbon Disulfide	4.38	76	19998	1.606	ug/l #	90
20) Methylene Chloride	4.93	84	59643	9.765	ug/l	98
25) 2-Butanone	7.19	43	21396	21.918	ug/l	92
52) Toluene	10.40	92	12457	1.026	ug/l	99

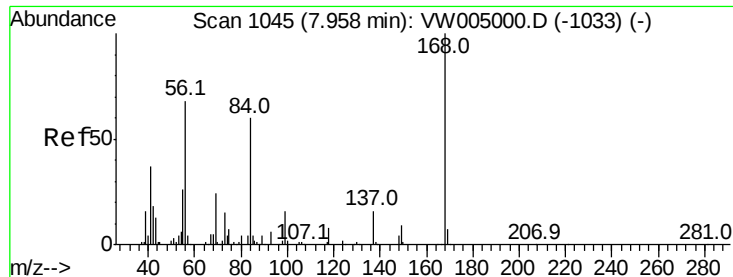
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005025.D

Acq: 30 Aug 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

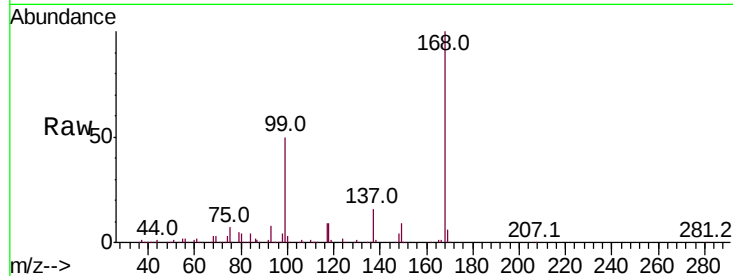
SB-4-@-8-FT

Tot Ion:168 Resp: 405814

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

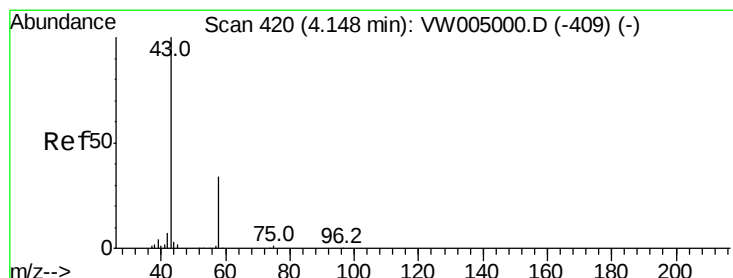
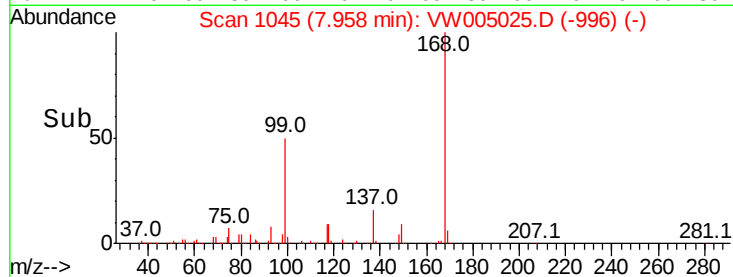
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 138.627 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW005025.D

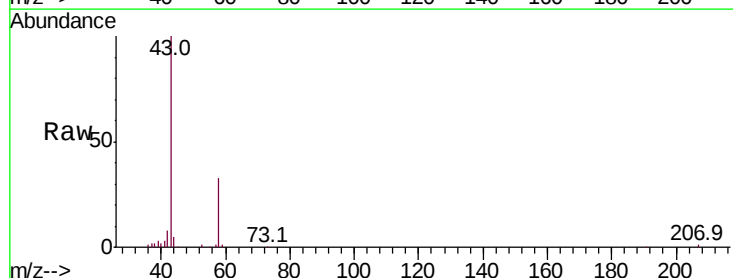
Acq: 30 Aug 2018 18:06

Tgt Ion: 43 Resp: 86781

Ion Ratio Lower Upper

43 100

58 33.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

30000

25000

20000

15000

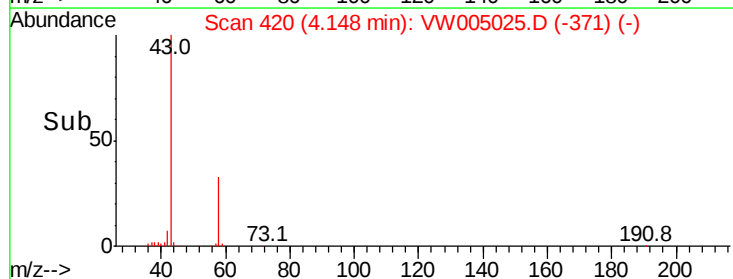
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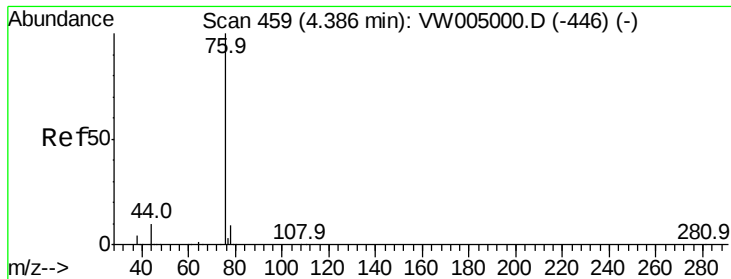
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0

4.00 4.10 4.20 4.30

Time-->

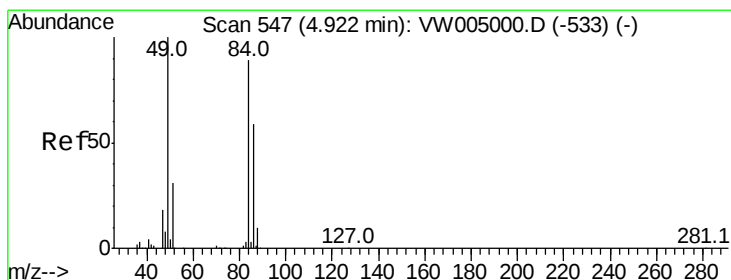
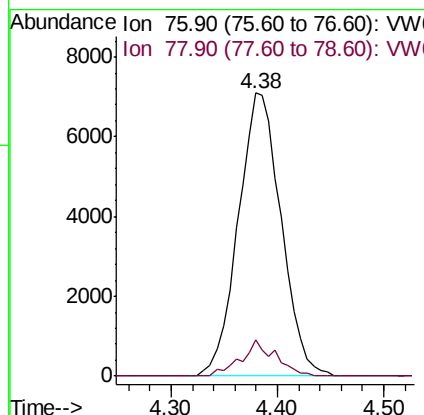
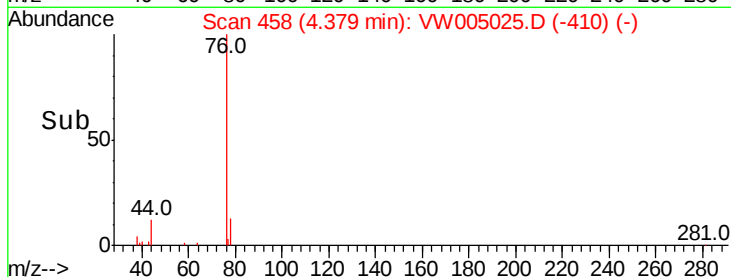
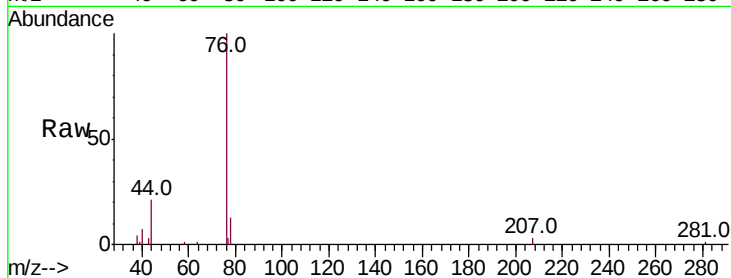




#17
Carbon Disulfide
Concen: 1.606 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005025.D
Acq: 30 Aug 2018 18:06

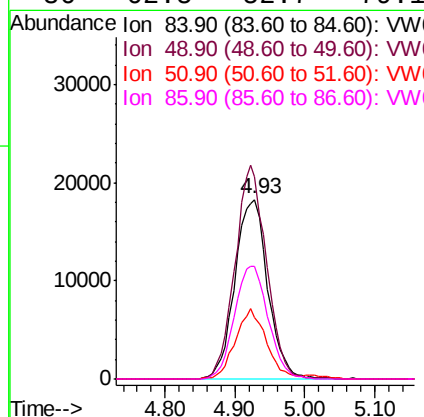
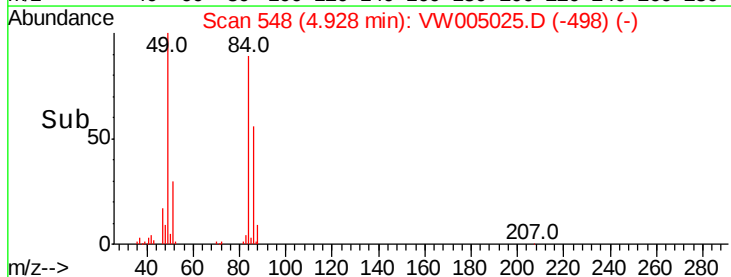
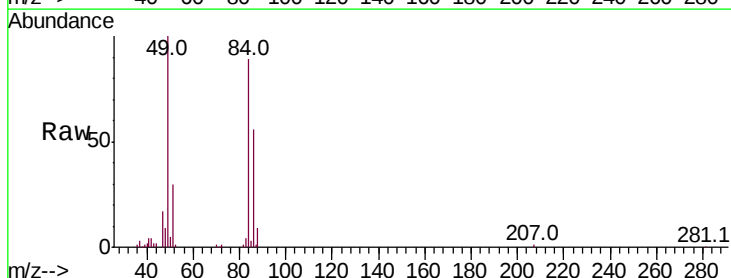
Instrument :
MSVOA_W
ClientSampleId :
SB-4-@-8-FT

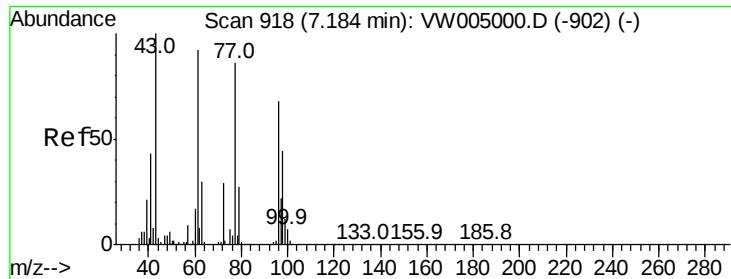
Tot Ion: 76 Resp: 19998
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.2#



#20
Methylene Chloride
Concen: 9.765 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW005025.D
Acq: 30 Aug 2018 18:06

Tgt Ion: 84 Resp: 59643
Ion Ratio Lower Upper
84 100
49 112.4 89.7 134.5
51 33.9 27.5 41.3
86 62.5 52.7 79.1





#25

2-Butanone

Concen: 21.918 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW005025.D

Acq: 30 Aug 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

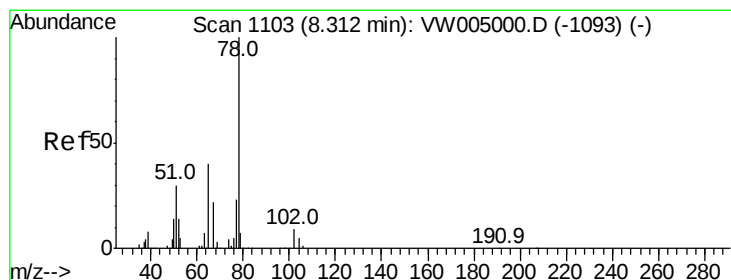
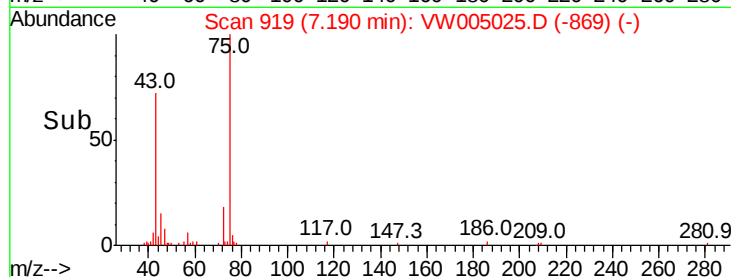
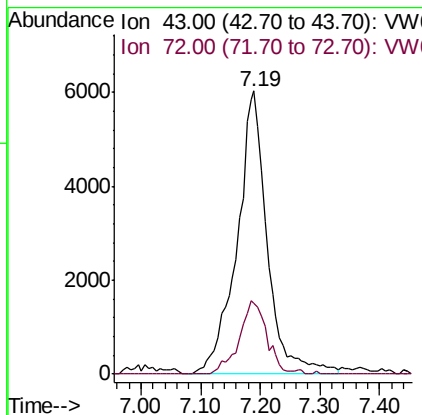
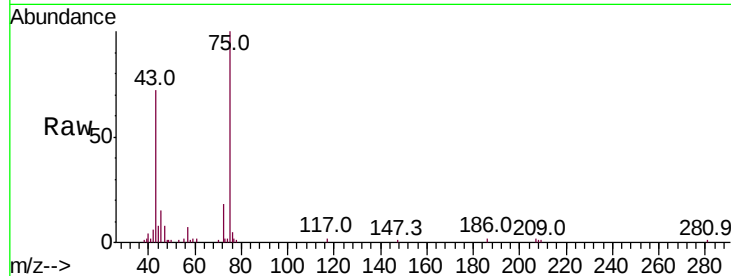
SB-4-@-8-FT

Tot Ion: 43 Resp: 21396

Ion Ratio Lower Upper

43 100

72 25.2 23.4 35.2



#33

1,2-Dichloroethane-d4

Concen: 52.624 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005025.D

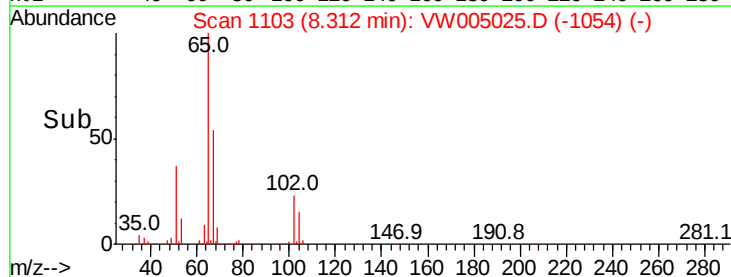
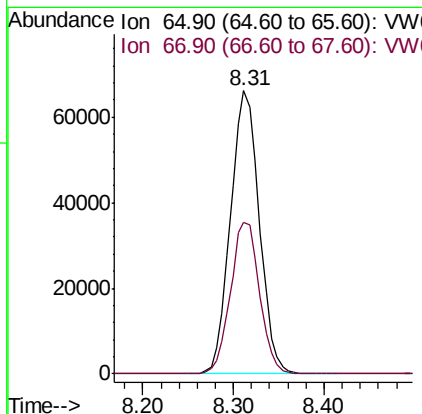
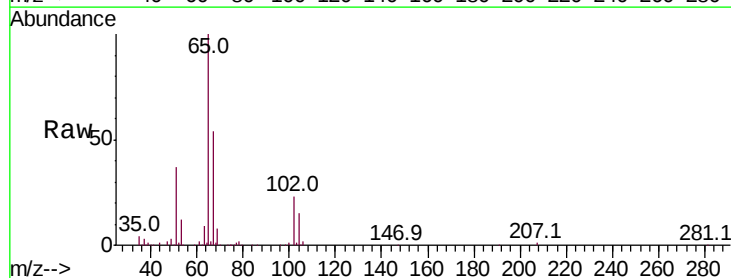
Acq: 30 Aug 2018 18:06

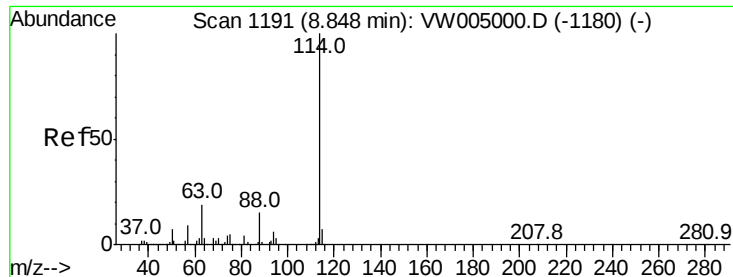
Tgt Ion: 65 Resp: 146080

Ion Ratio Lower Upper

65 100

67 53.9 0.0 112.8

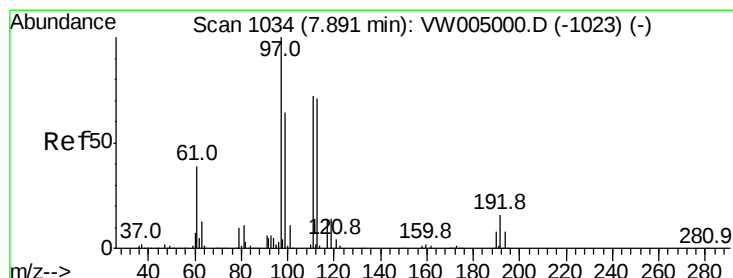
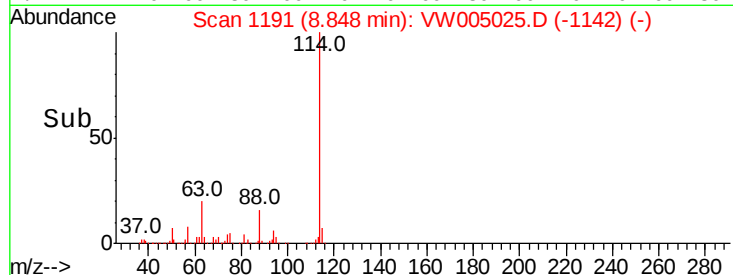
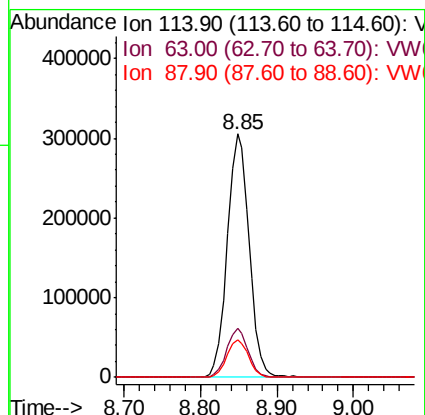
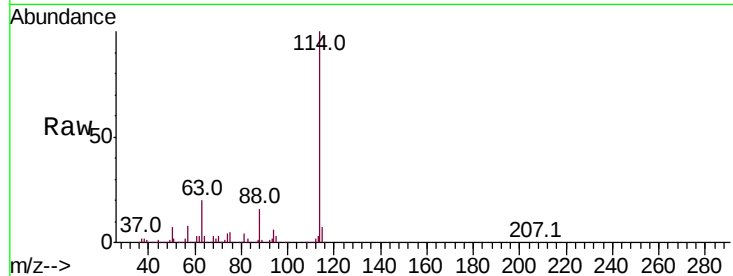




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005025.D
 Acq: 30 Aug 2018 18:06

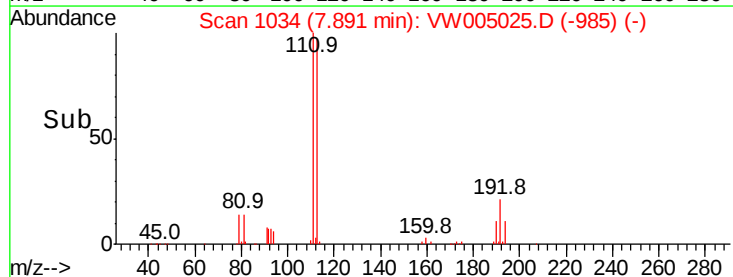
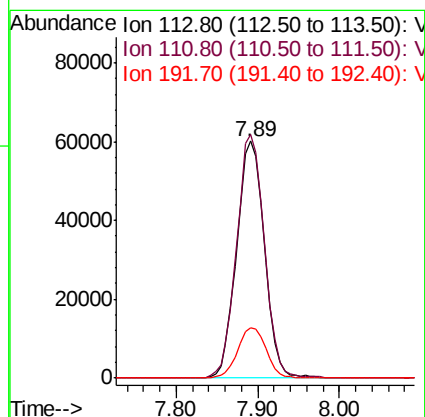
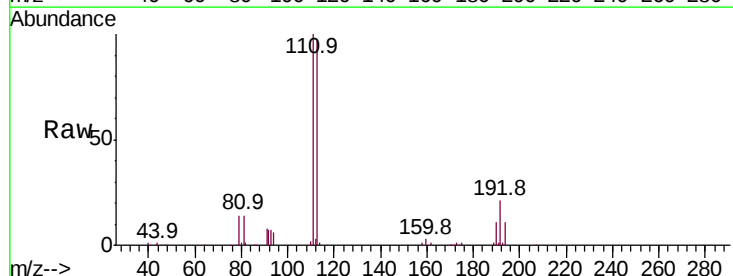
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-@-8-FT

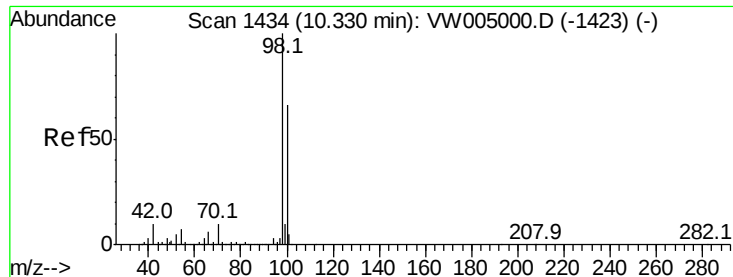
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.4
88	15.5	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.339 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005025.D
 Acq: 30 Aug 2018 18:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	21.7	17.8	26.8





#50

Toluene-d8

Concen: 38.972 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005025.D

Acq: 30 Aug 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

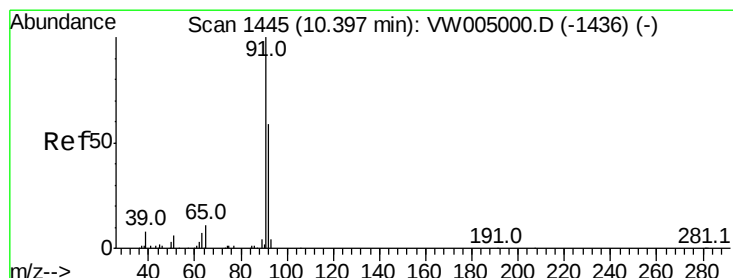
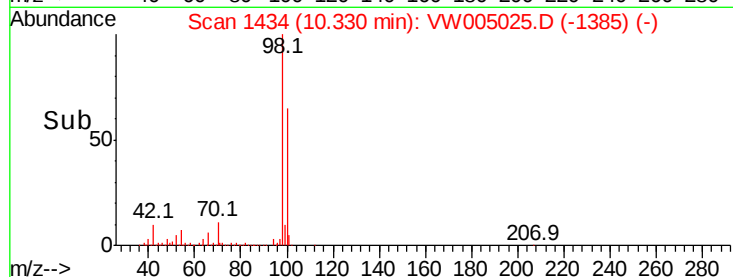
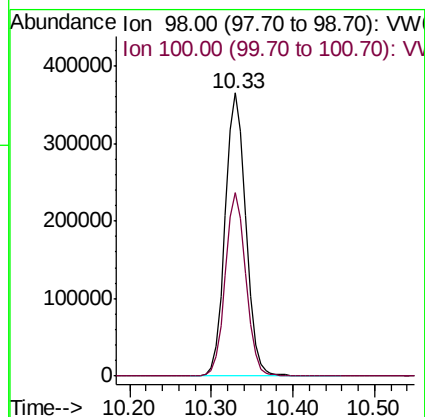
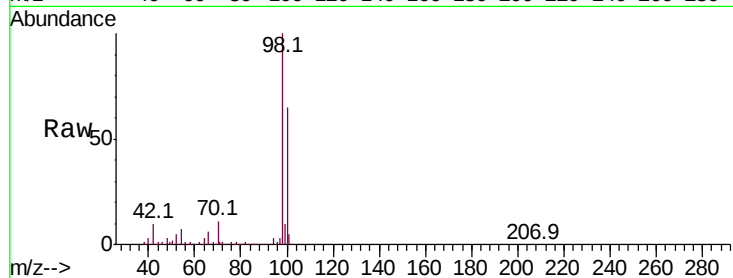
SB-4-@-8-FT

Tot Ion: 98 Resp: 639561

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#52

Toluene

Concen: 1.026 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005025.D

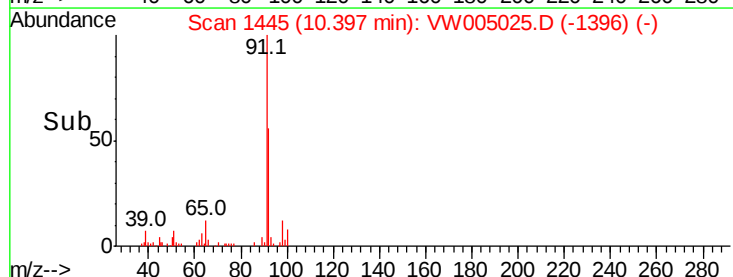
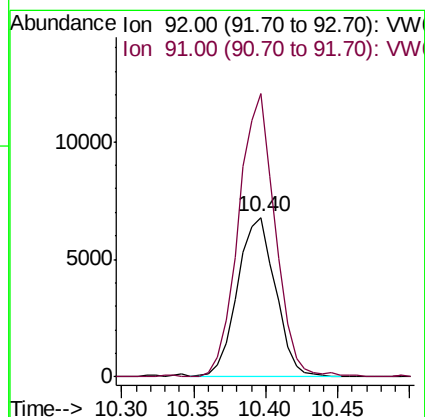
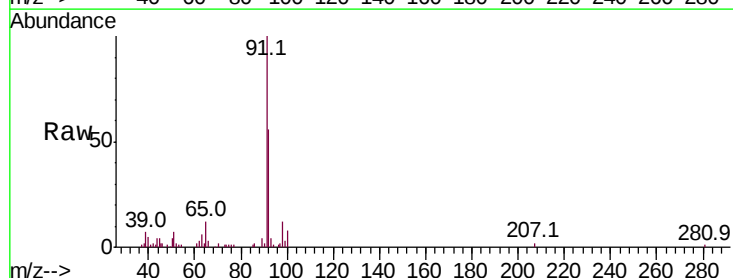
Acq: 30 Aug 2018 18:06

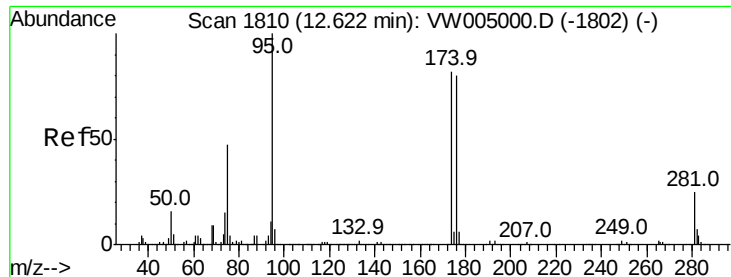
Tgt Ion: 92 Resp: 12457

Ion Ratio Lower Upper

92 100

91 170.7 137.4 206.2

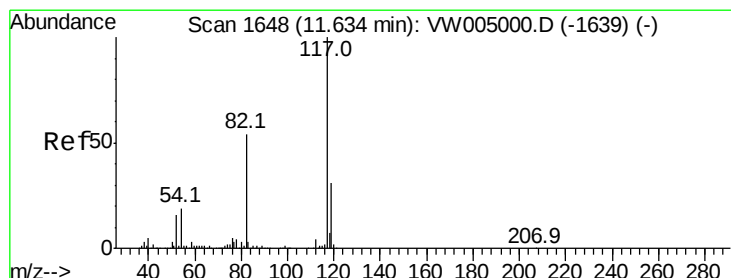
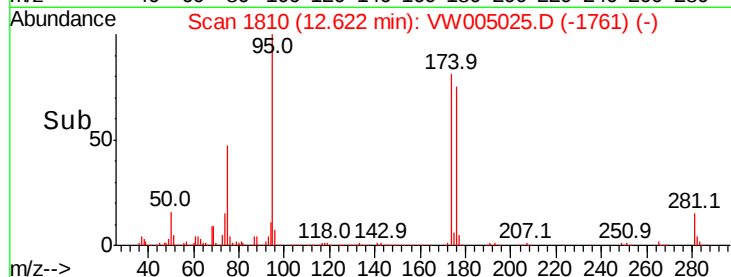
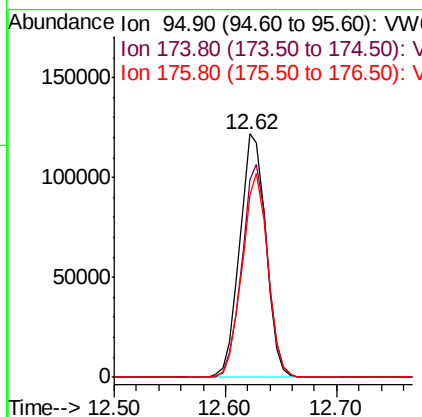
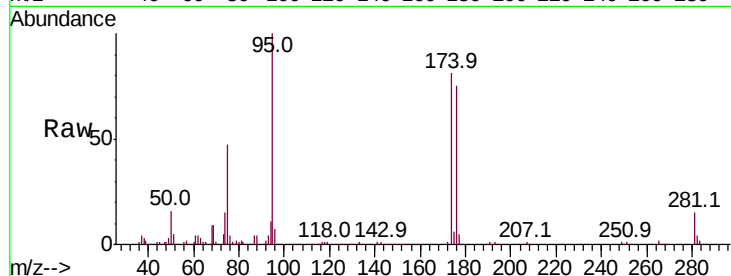




#62
4-Bromofluorobenzene
Concen: 33.123 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005025.D
Acq: 30 Aug 2018 18:06

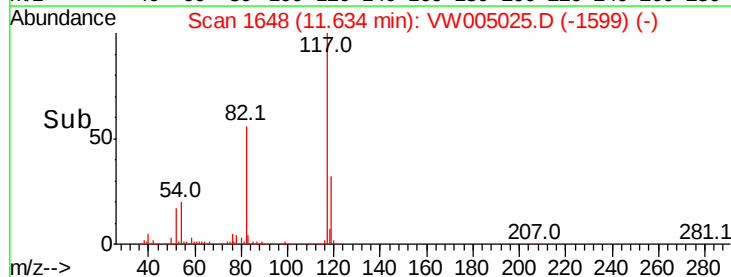
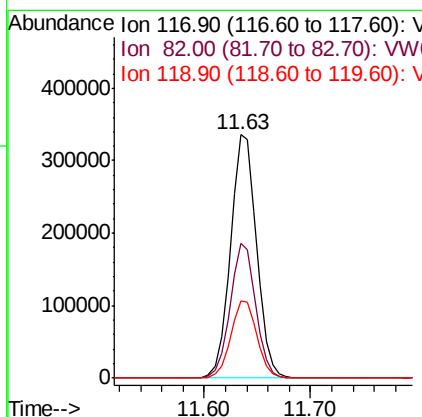
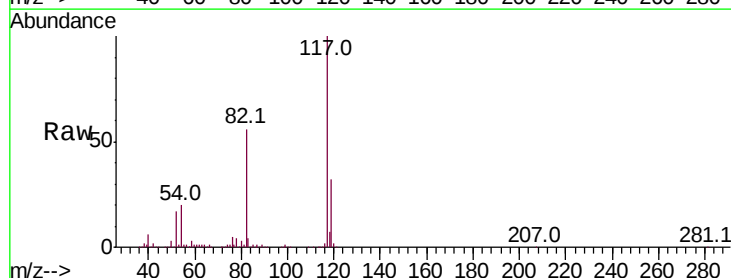
Instrument :
MSVOA_W
ClientSampleId :
SB-4-@-8-FT

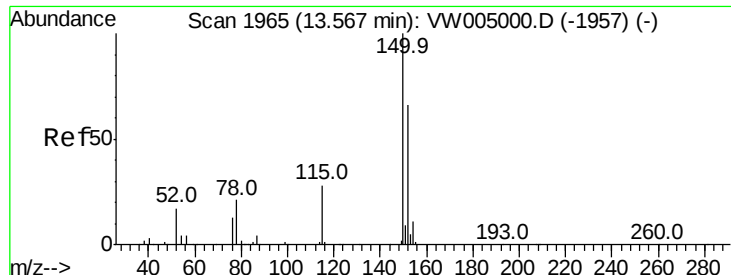
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	173.4
176	82.2	0.0	167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005025.D
Acq: 30 Aug 2018 18:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.3	64.9
119	31.9	25.0	37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005025.D

Acq: 30 Aug 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

SB-4-@-8-FT

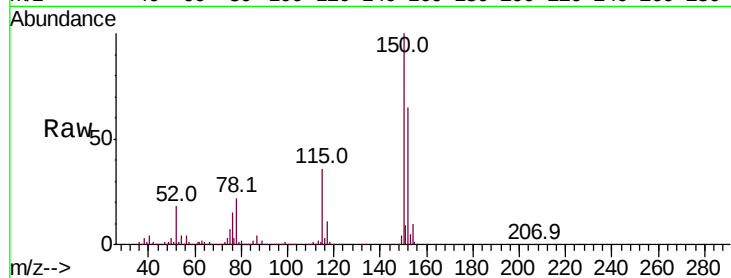
Tot Ion:152 Resp: 243431

Ion Ratio Lower Upper

152 100

115 56.5 28.0 83.9

150 156.8 0.0 347.2



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

