

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004507.D
 Acq On : 07 Aug 2018 22:03
 Operator : SY/AP
 Sample : J4310-05
 Misc : 4.18G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-3

Quant Time: Aug 08 08:56:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	546996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	964329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	890458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359411	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	283439	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	7.89	113	262724	40.86	ug/l	0.00
Spiked Amount			Recovery	=	81.72%	
50) Toluene-d8	10.33	98	806716	32.91	ug/l	0.00
Spiked Amount			Recovery	=	65.82%	
62) 4-Bromofluorobenzene	12.62	95	242657	27.48	ug/l	0.00
Spiked Amount			Recovery	=	54.96%	

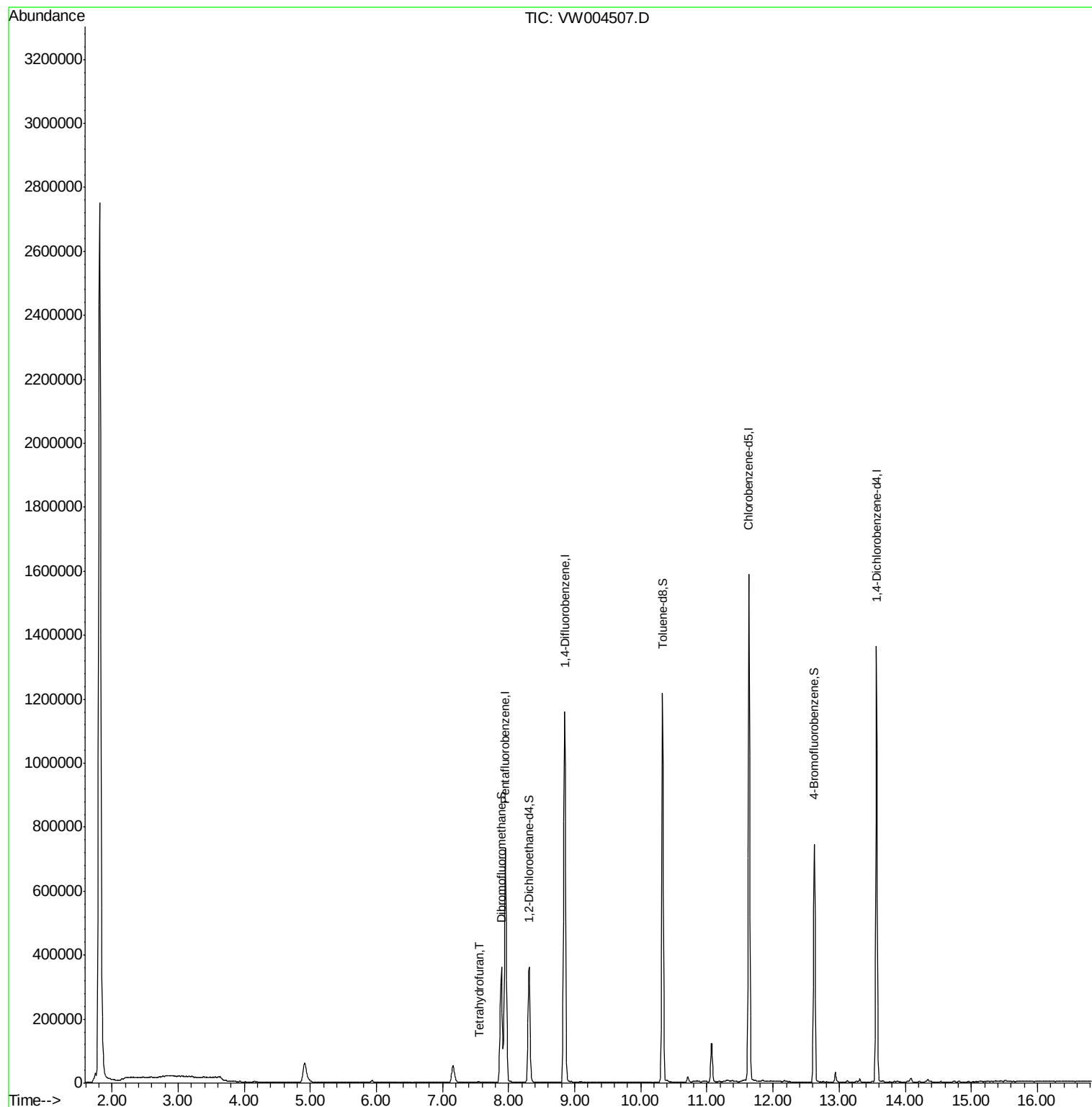
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
29) Tetrahydrofuran	7.55	42	1978	1.57	ug/l	95

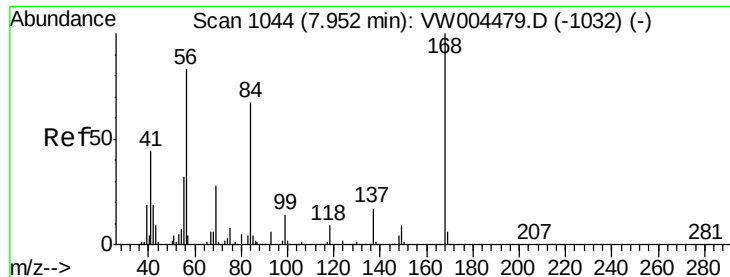
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004507.D

Acq: 07 Aug 2018 22:03

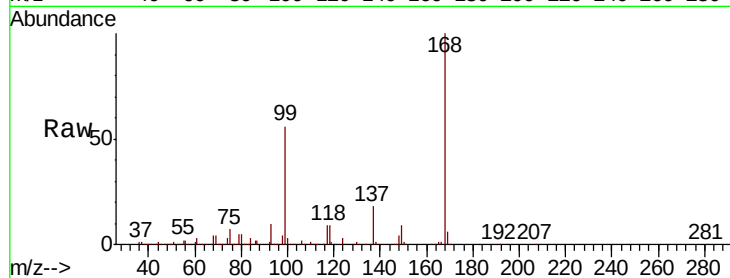
Instrument :
MSVOA_W
ClientSampled :
C-3

Tot Ion:168 Resp: 546996

Ion Ratio Lower Upper

168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

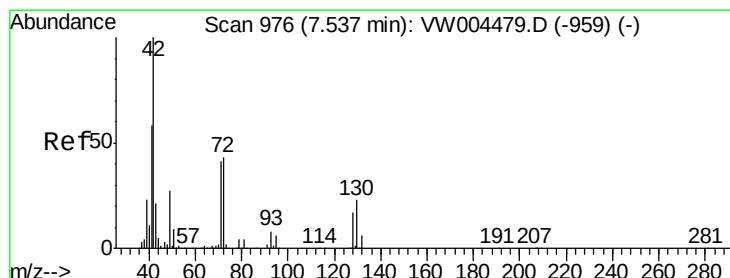
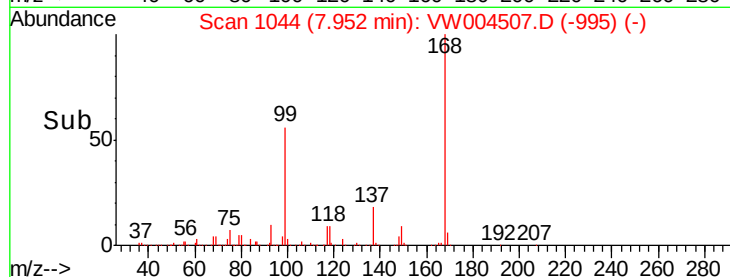
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 1.57 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW004507.D

Acq: 07 Aug 2018 22:03

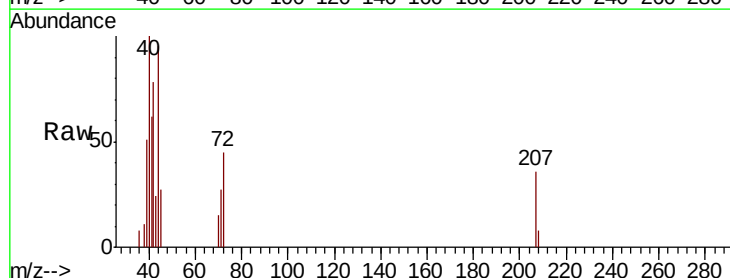
Tgt Ion: 42 Resp: 1978

Ion Ratio Lower Upper

42 100

72 41.4 34.1 51.1

71 35.1 32.5 48.7



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

800

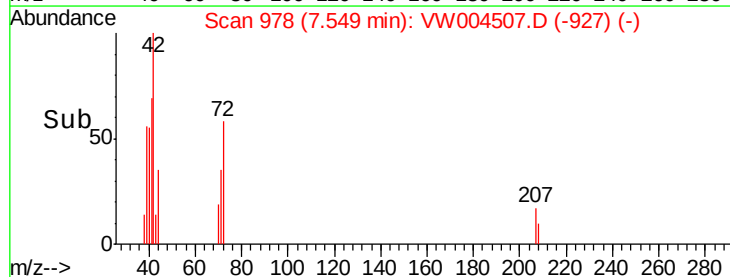
600

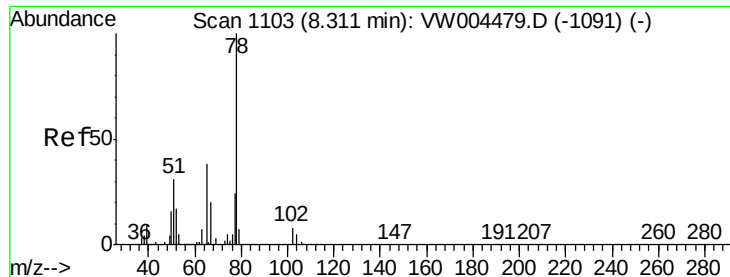
400

200

0

Time-->

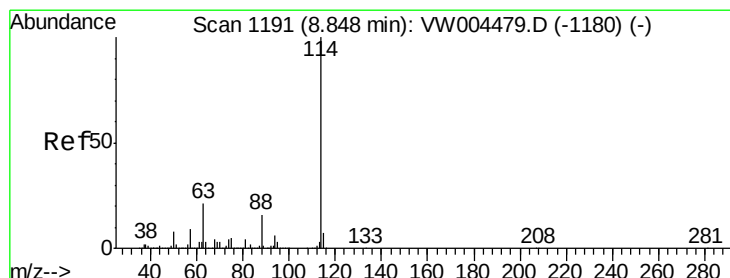
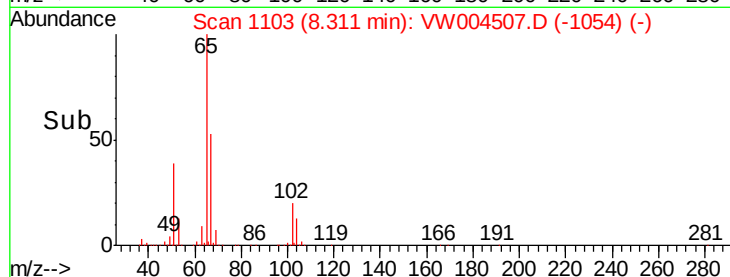
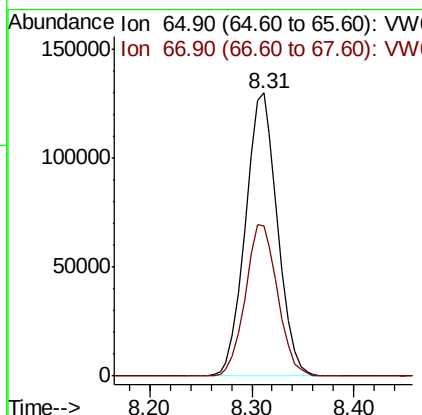
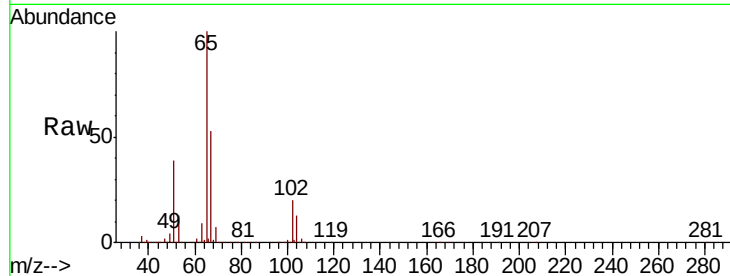




#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004507.D
 Acq: 07 Aug 2018 22:03

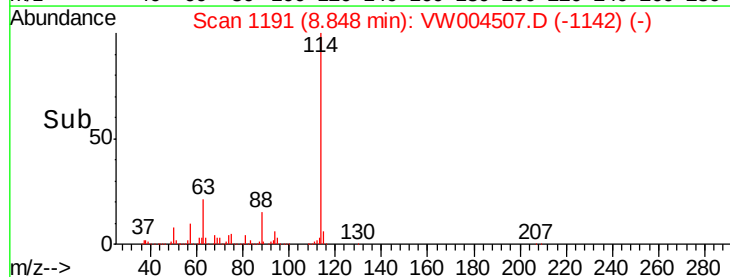
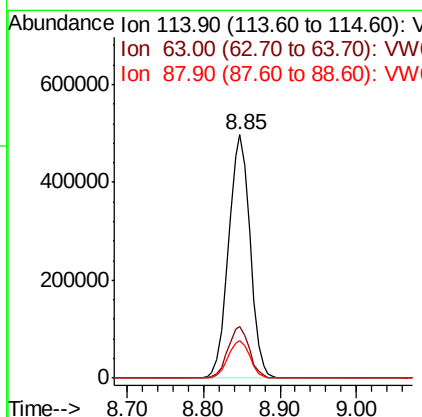
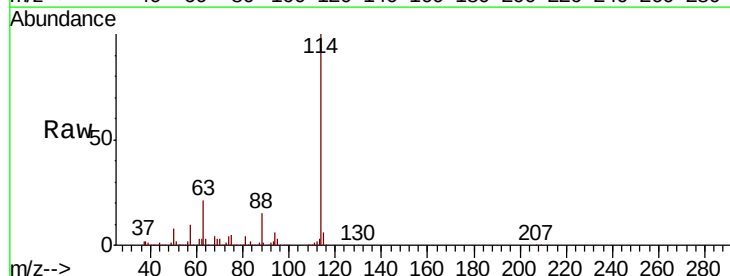
Instrument :
 MSVOA_W
 ClientSampled :
 C-3

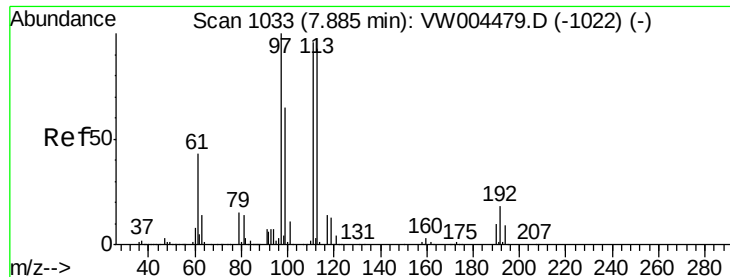
Tot Ion: 65 Resp: 283439
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004507.D
 Acq: 07 Aug 2018 22:03

Tgt Ion: 114 Resp: 964329
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.4 0.0 31.2

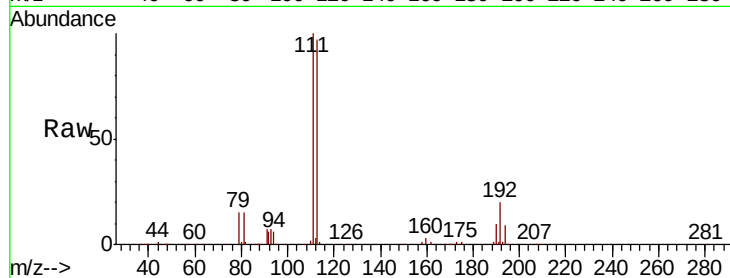




#35
 Dibromofluoromethane
 Concen: 40.86 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004507.D
 Acq: 07 Aug 2018 22:03

Instrument :
 MSVOA_W
 ClientSampled :
 C-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	19.9	15.8	23.6

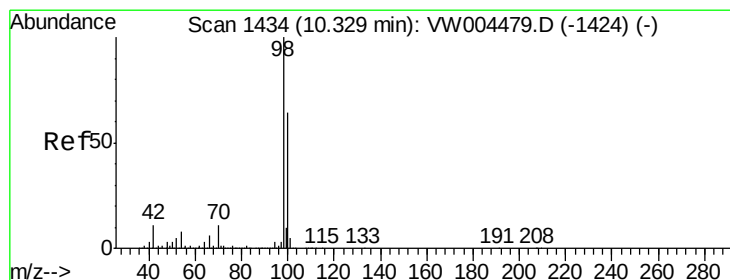
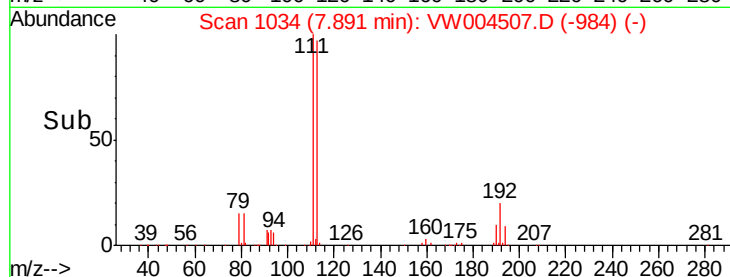
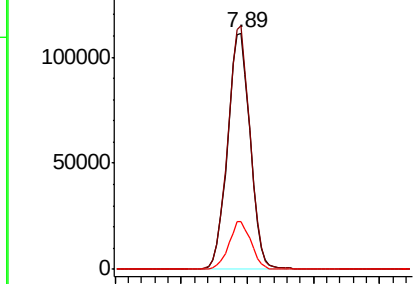


Abundance

Ion 112.80 (112.50 to 113.50): V

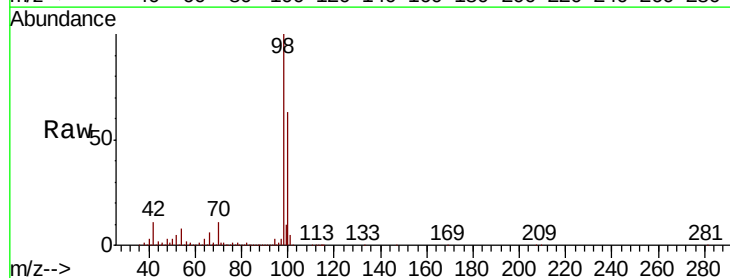
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 32.91 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004507.D
 Acq: 07 Aug 2018 22:03

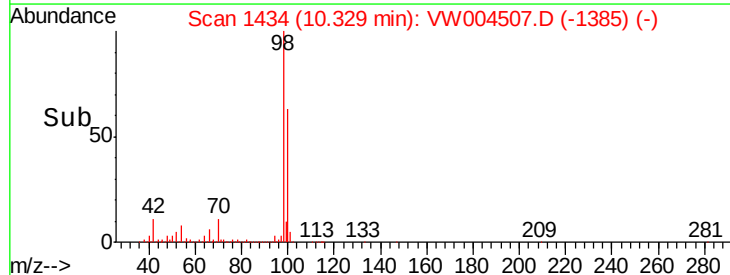
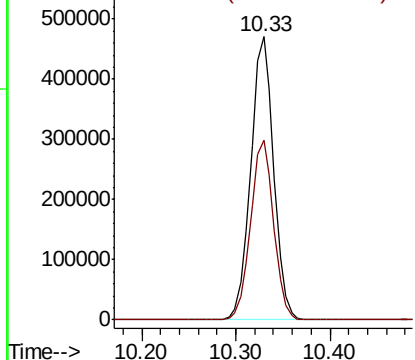
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.2

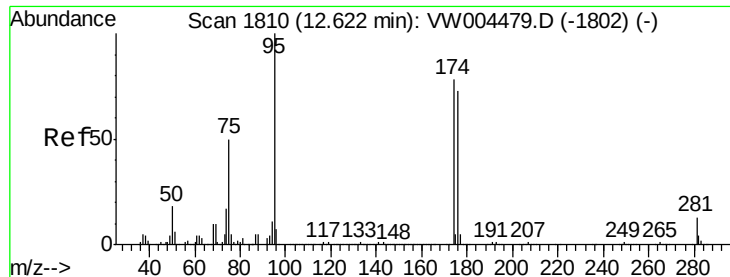


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

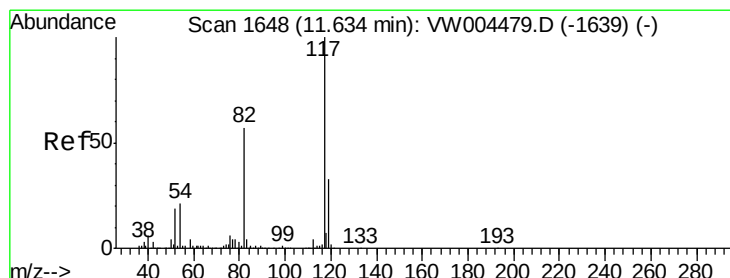
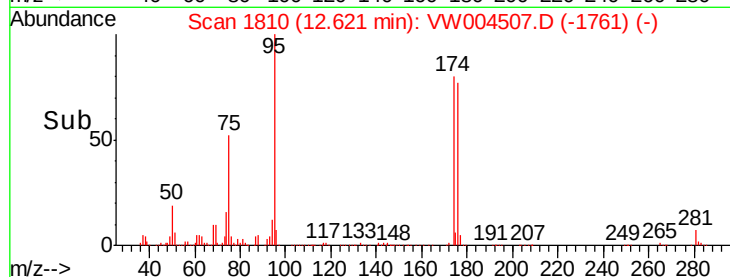
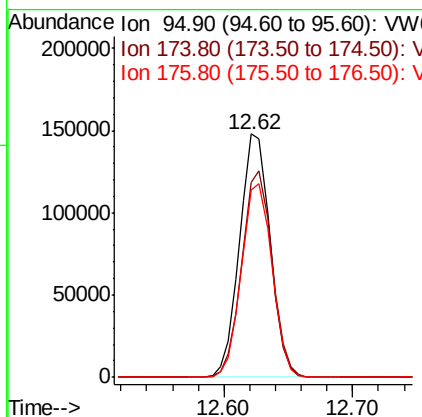
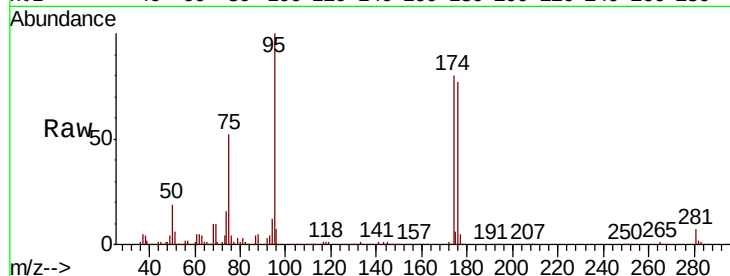




#62
4-Bromofluorobenzene
Concen: 27.48 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004507.D
Acq: 07 Aug 2018 22:03

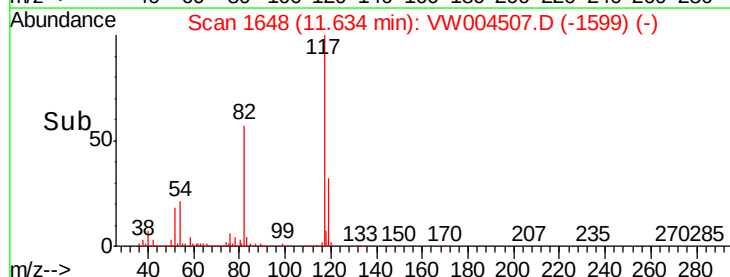
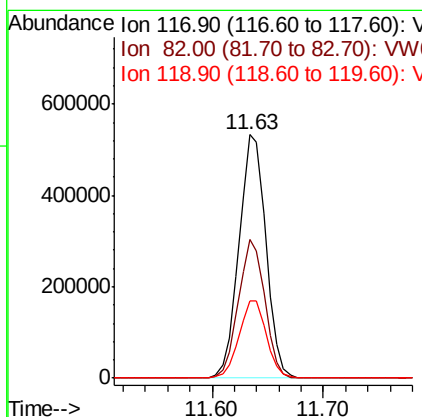
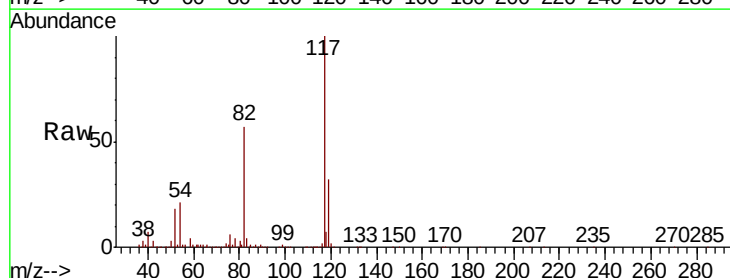
Instrument :
MSVOA_W
ClientSampleId :
C-3

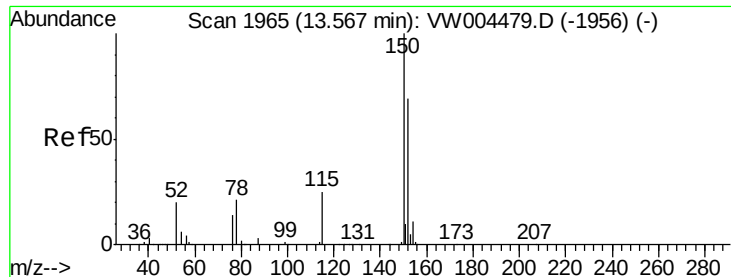
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	160.4
176	79.7	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004507.D
Acq: 07 Aug 2018 22:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.3	67.9
119	31.6	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004507.D

Acq: 07 Aug 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

C-3

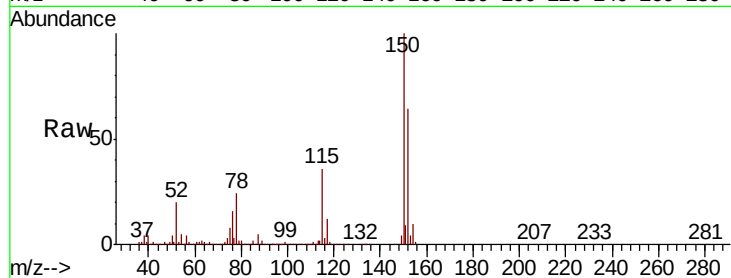
Tot Ion:152 Resp: 359411

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 155.5 0.0 349.6



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

