

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011723.D
 Acq On : 05 Aug 2019 21:15
 Operator : SY/VA
 Sample : K4154-07
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-7

Quant Time: Aug 06 08:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

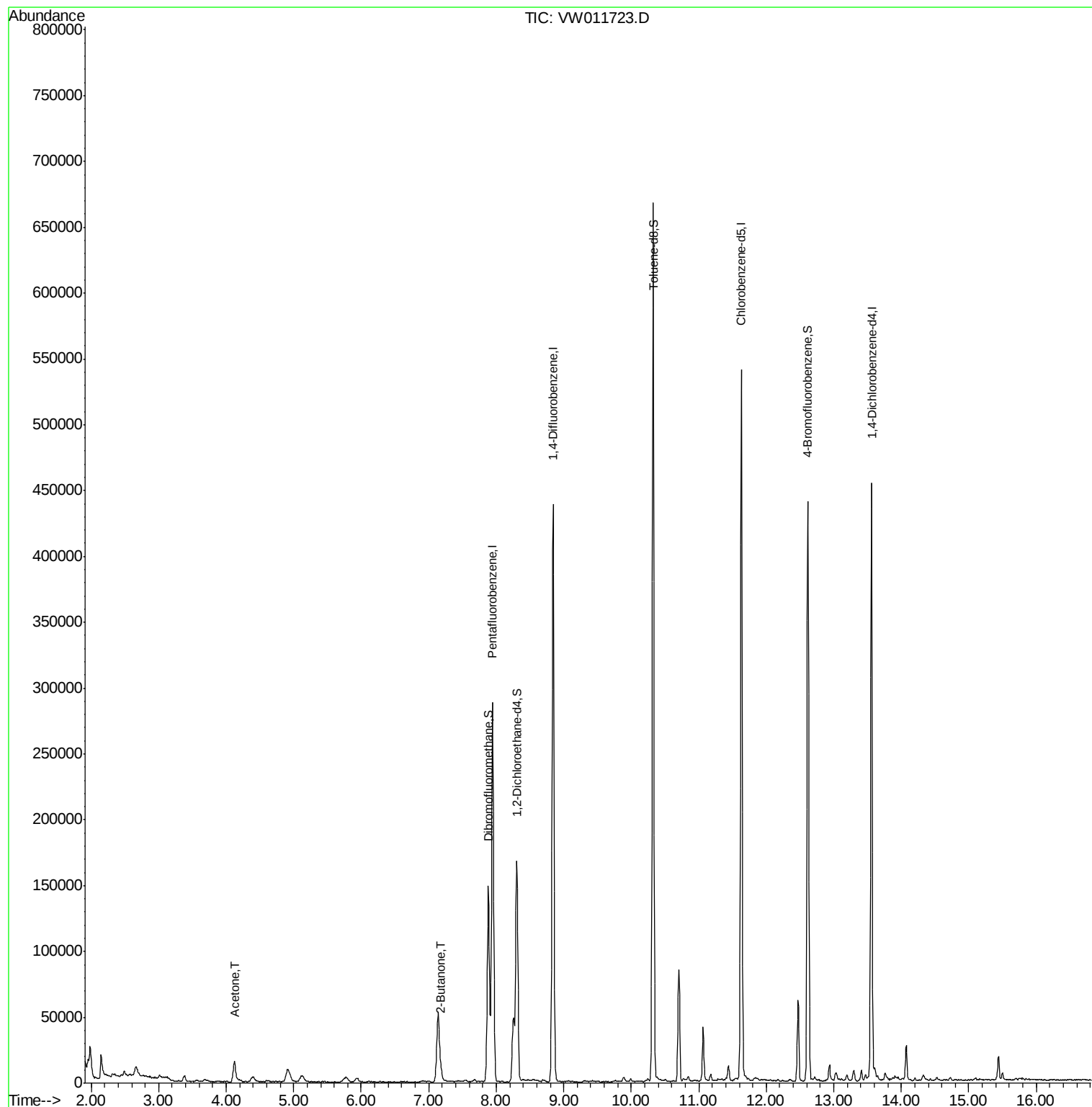
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134048	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.88	113	105650	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.32	98	415408	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	134581	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
16) Acetone	4.12	43	28130	37.310	ug/l	99
25) 2-Butanone	7.18	43	14335	14.530	ug/l #	89

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011723.D

Acq: 05 Aug 2019 21:15

Instrument :

MSVOA_W

ClientSampled :

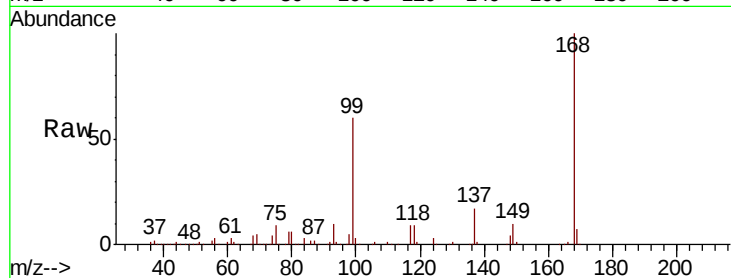
PS-7

Tot Ion:168 Resp: 206415

Ion Ratio Lower Upper

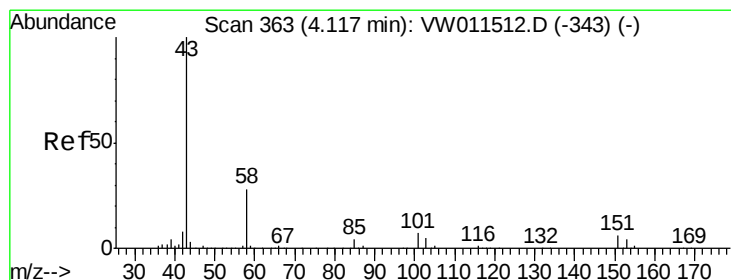
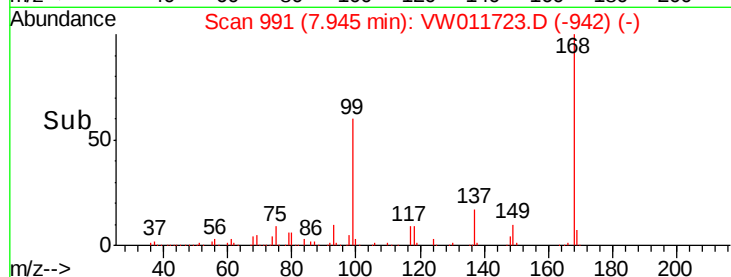
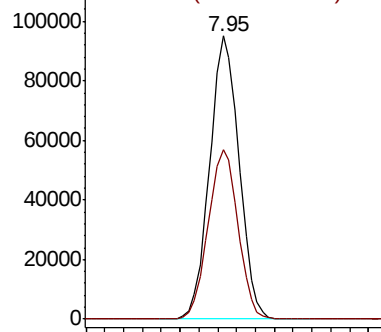
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 37.310 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011723.D

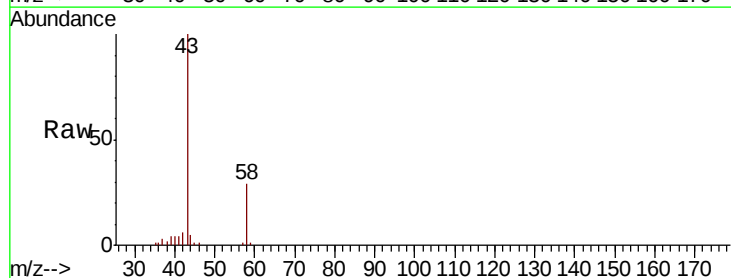
Acq: 05 Aug 2019 21:15

Tgt Ion: 43 Resp: 28130

Ion Ratio Lower Upper

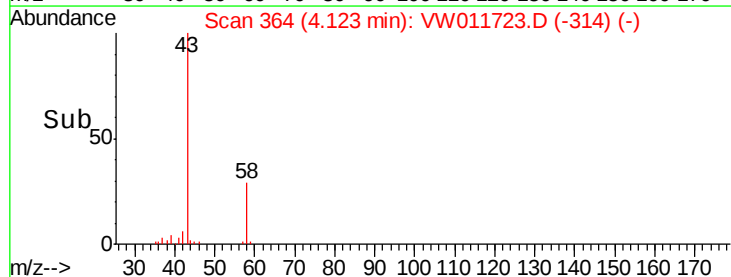
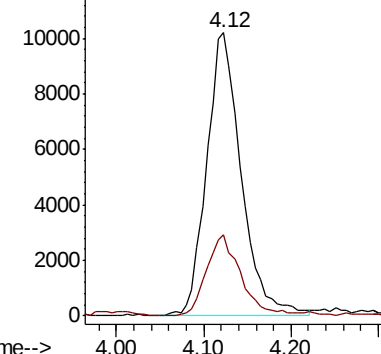
43 100

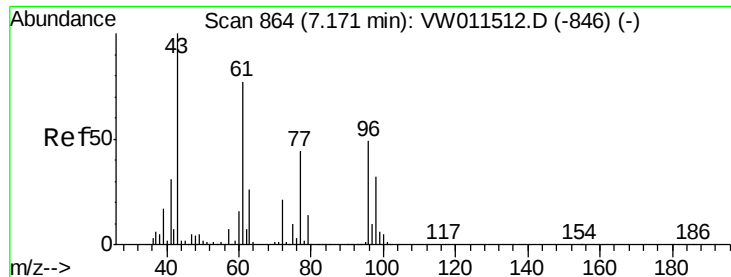
58 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 14.530 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011723.D

Acq: 05 Aug 2019 21:15

Instrument :

MSVOA_W

ClientSampleId :

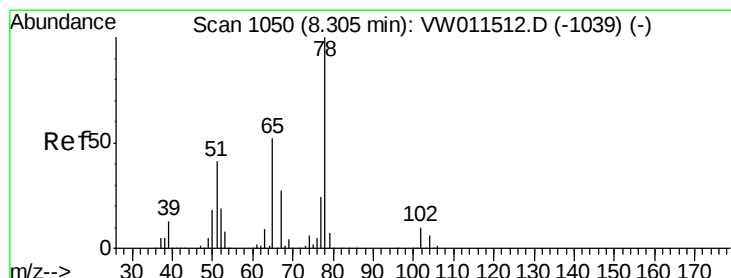
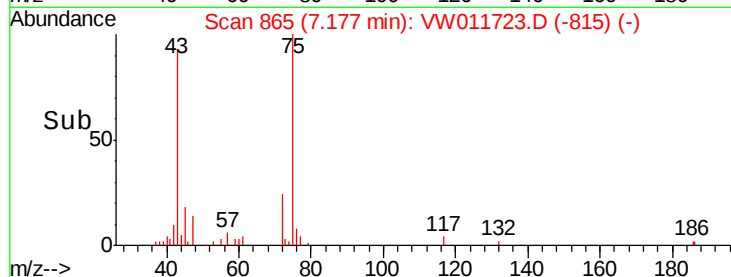
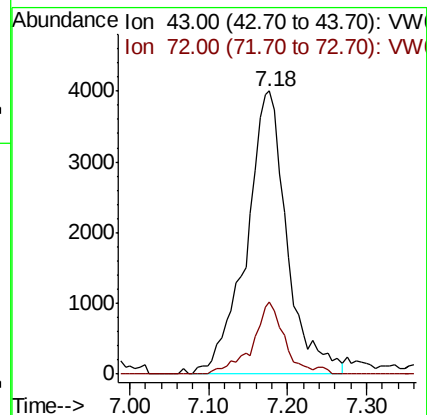
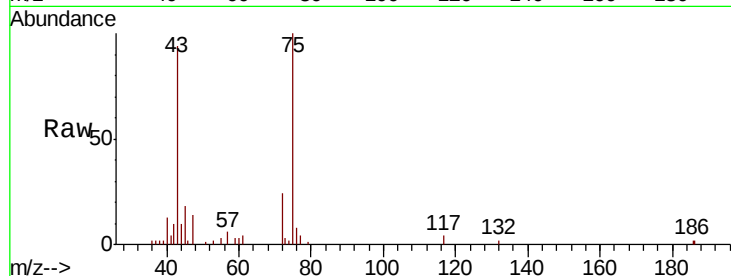
PS-7

Tot Ion: 43 Resp: 14335

Ion Ratio Lower Upper

43 100

72 25.7 16.6 24.8#



#33

1,2-Dichloroethane-d4

Concen: 56.555 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011723.D

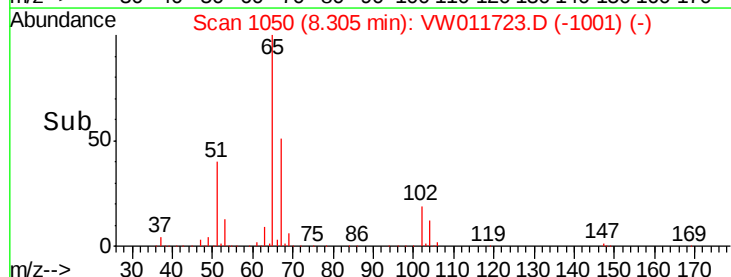
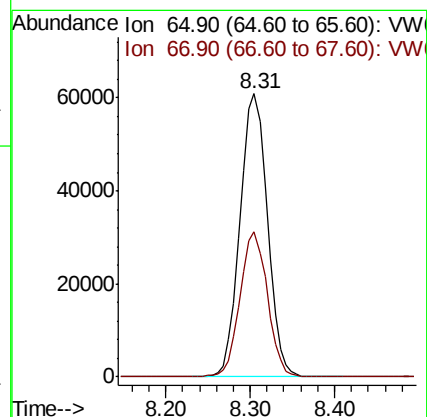
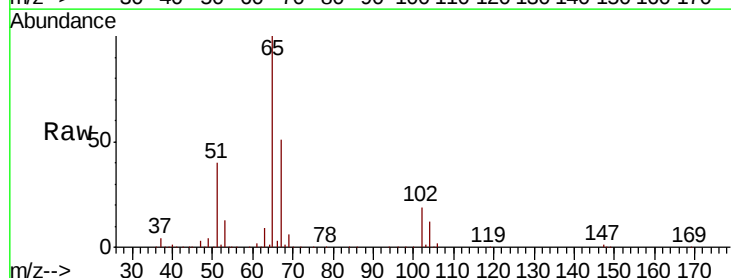
Acq: 05 Aug 2019 21:15

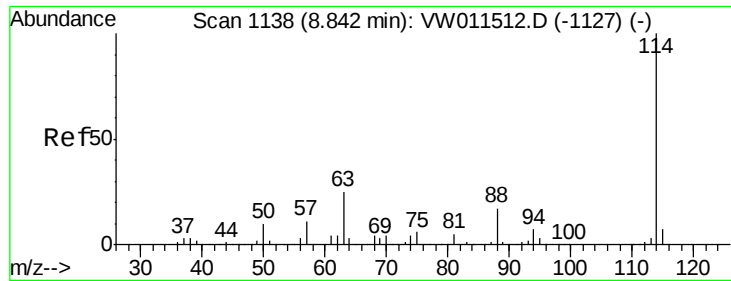
Tgt Ion: 65 Resp: 134048

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011723.D

Acq: 05 Aug 2019 21:15

Instrument :

MSVOA_W

ClientSampleId :

PS-7

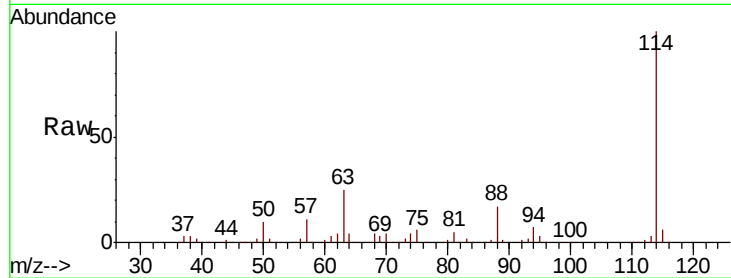
Tot Ion:114 Resp: 338194

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

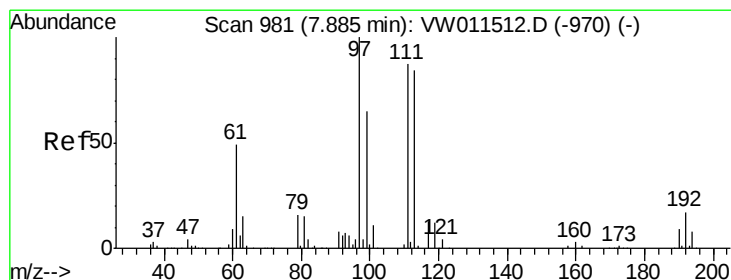
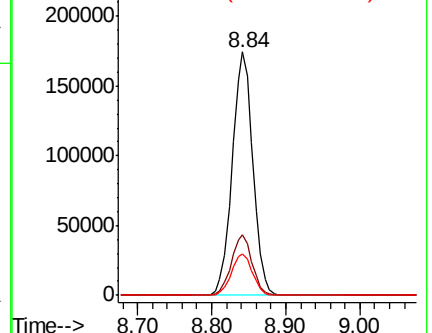
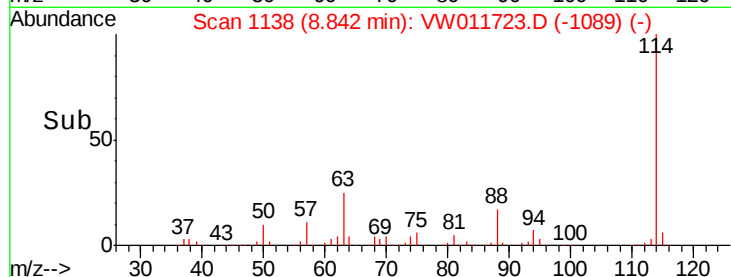
88 16.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.684 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011723.D

Acq: 05 Aug 2019 21:15

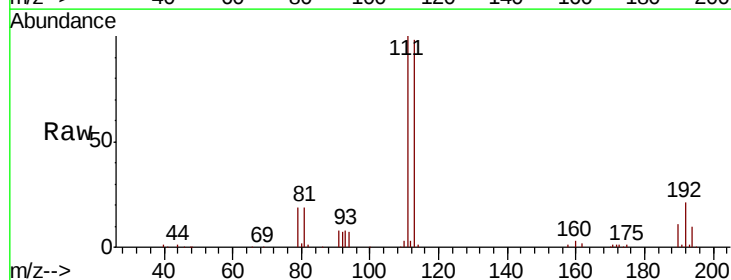
Tgt Ion:113 Resp: 105650

Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

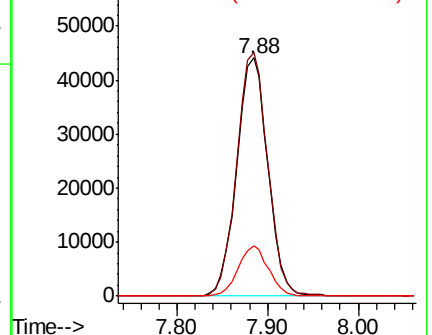
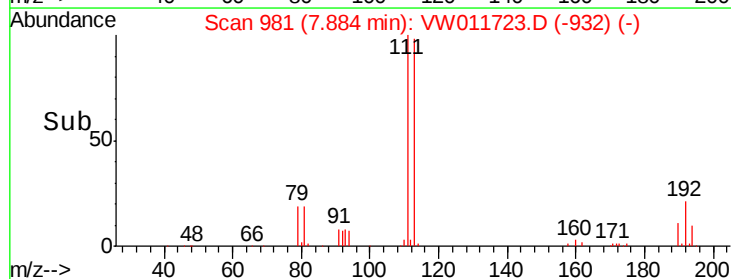
192 20.3 16.1 24.1

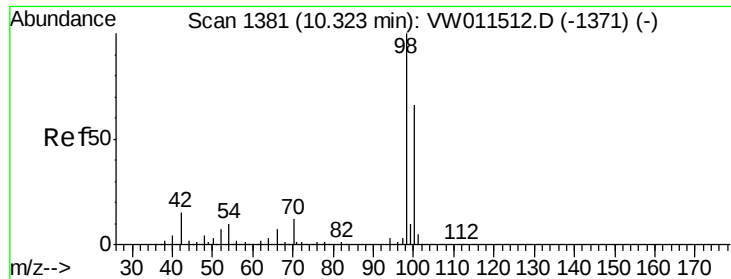


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

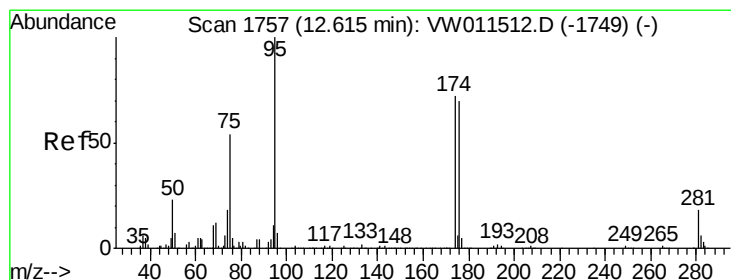
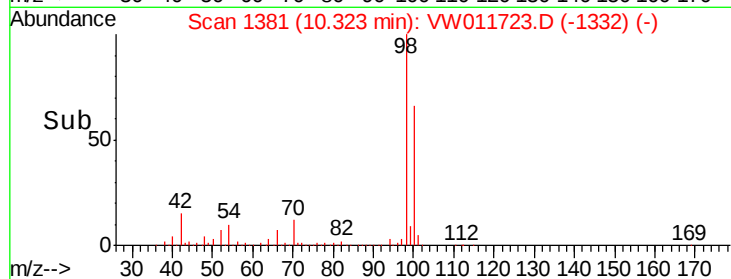
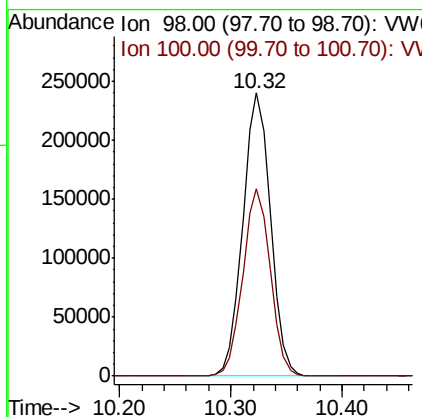
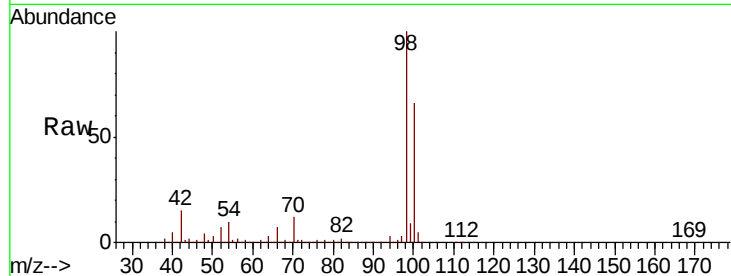




#50
Toluene-d8
Concen: 53.475 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011723.D
Acq: 05 Aug 2019 21:15

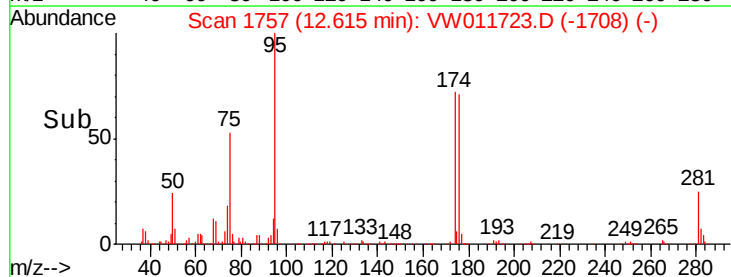
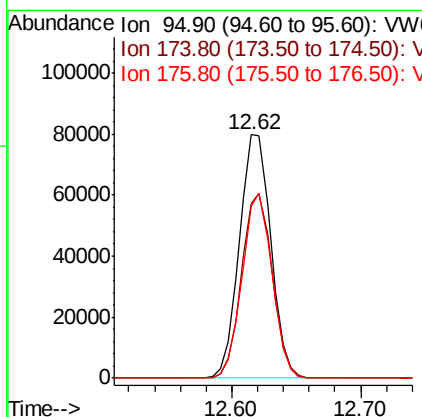
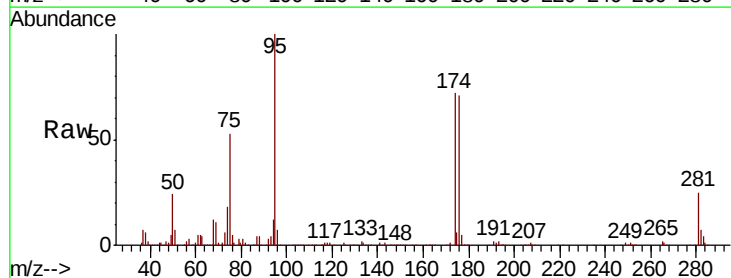
Instrument :
MSVOA_W
ClientSampled :
PS-7

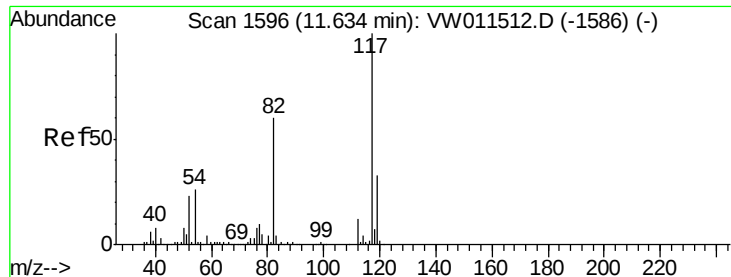
Tot Ion: 98 Resp: 415408
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011723.D
Acq: 05 Aug 2019 21:15

Tgt Ion: 95 Resp: 134581
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.2
176 72.0 0.0 144.4

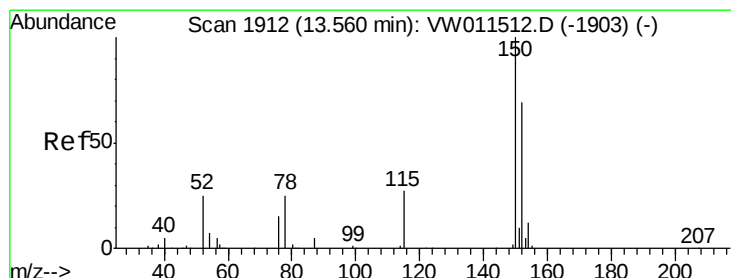
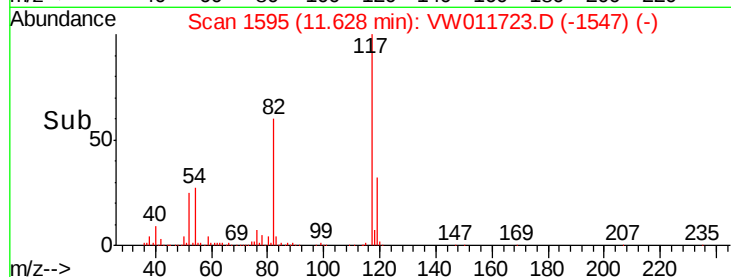
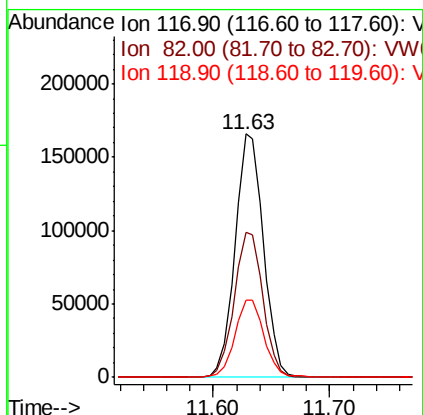
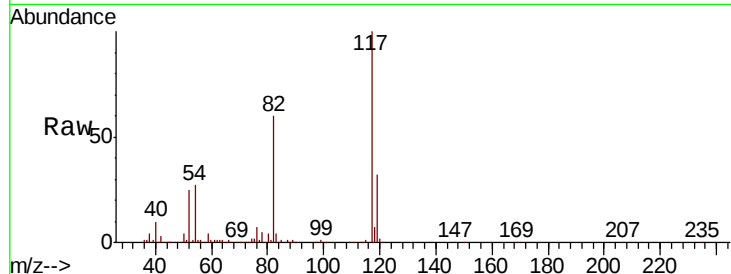




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011723.D
Acq: 05 Aug 2019 21:15

Instrument :
MSVOA_W
ClientSampled :
PS-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.9	71.9
119	31.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011723.D
Acq: 05 Aug 2019 21:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.5	91.5
150	155.5	0.0	352.6

