

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011669.D
 Acq On : 03 Aug 2019 16:39
 Operator : SY/VA
 Sample : K4152-09
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H3-(30)

Quant Time: Aug 04 02:17:08 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

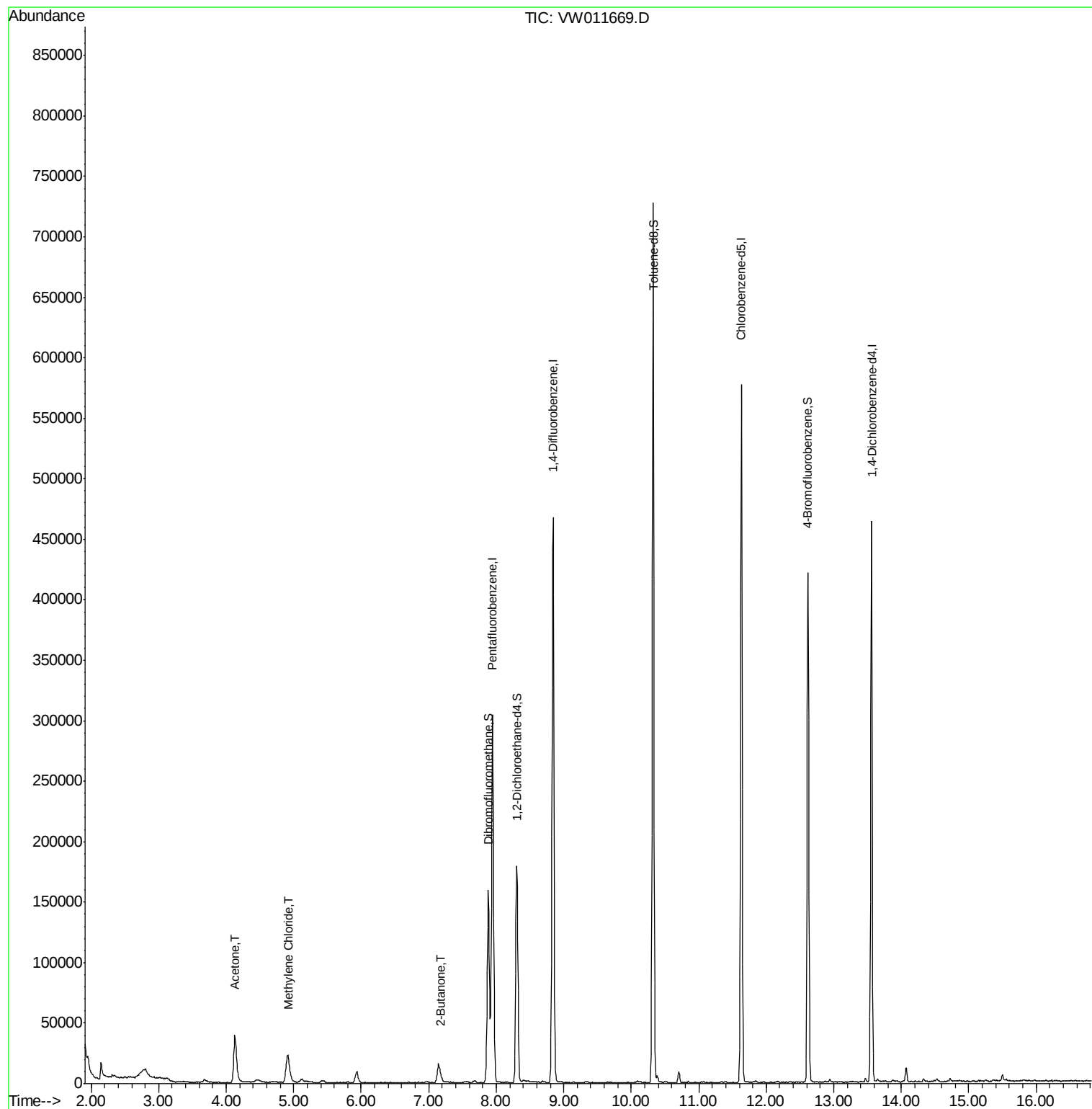
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144370	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.88	113	112362	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.32	98	451023	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	137843	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	4.13	43	76923	96.853	ug/l	99
20) Methylene Chloride	4.92	84	18123	6.616	ug/l	93
25) 2-Butanone	7.18	43	6039	5.811	ug/l	92

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

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QLast Update : Sat Jul 27 00:23:30 2019
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: VW011669.D

Acq: 03 Aug 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

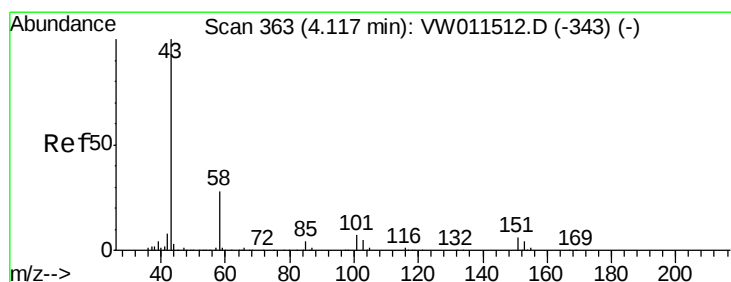
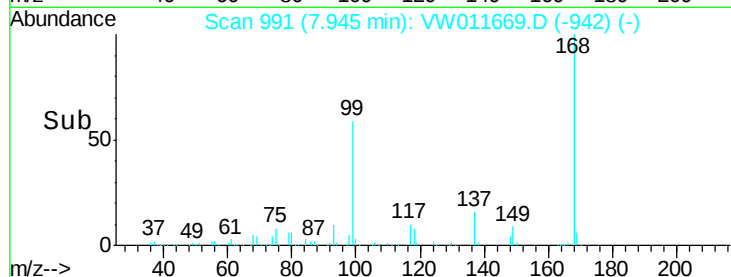
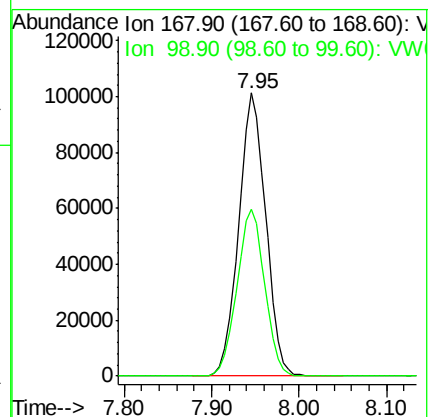
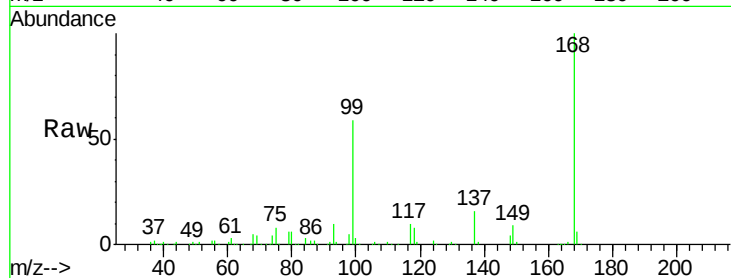
2S-H3-(30)

Tot Ion:168 Resp: 217437

Ion Ratio Lower Upper

168 100

99 58.8 48.2 72.4



#16

Acetone

Concen: 96.853 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011669.D

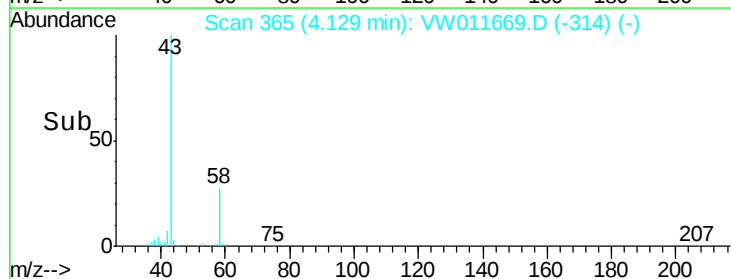
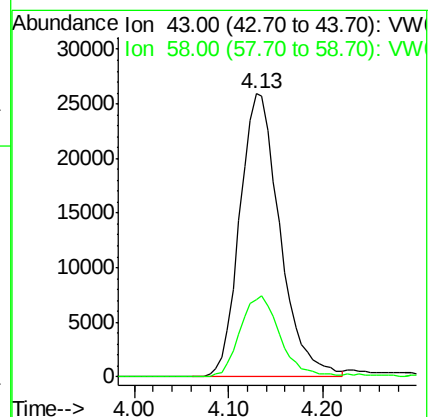
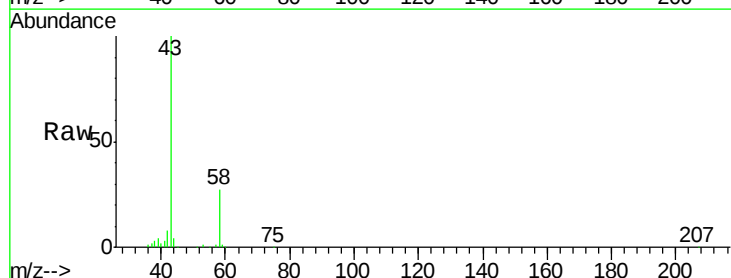
Acq: 03 Aug 2019 16:39

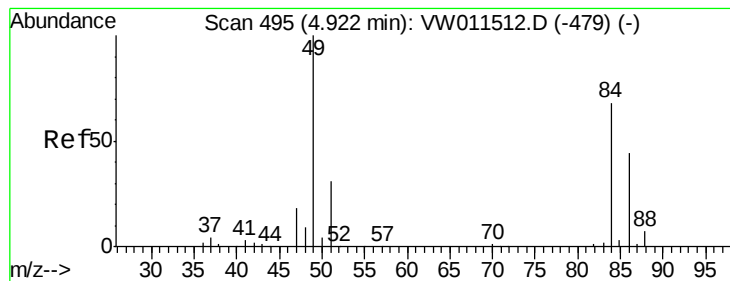
Tgt Ion: 43 Resp: 76923

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5





#20

Methvlene Chloride

Concen: 6.616 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011669.D

Acq: 03 Aug 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

2S-H3-(30)

Tot Ion: 84 Resp: 18123

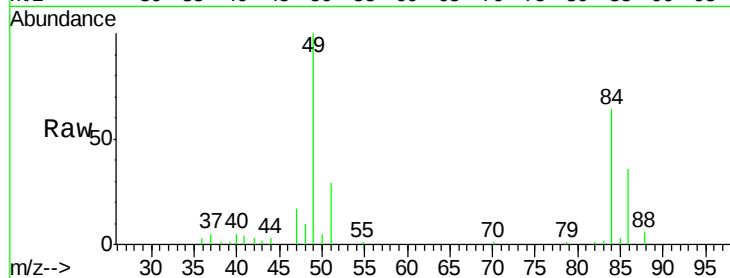
Ion Ratio Lower Upper

84 100

49 155.4 117.8 176.6

51 44.8 37.0 55.4

86 56.6 51.8 77.8

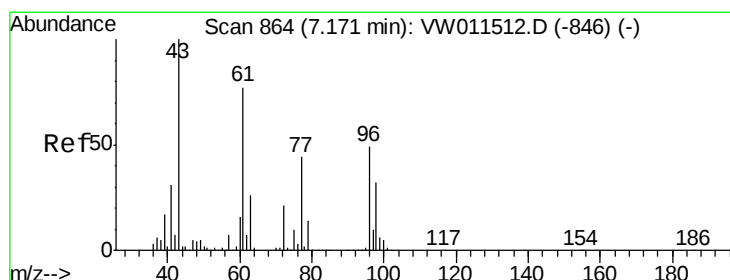
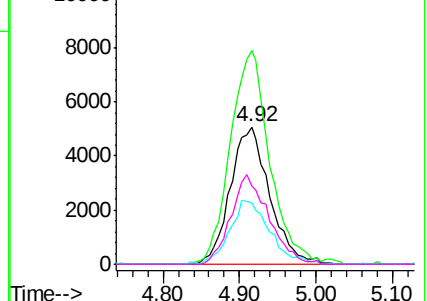
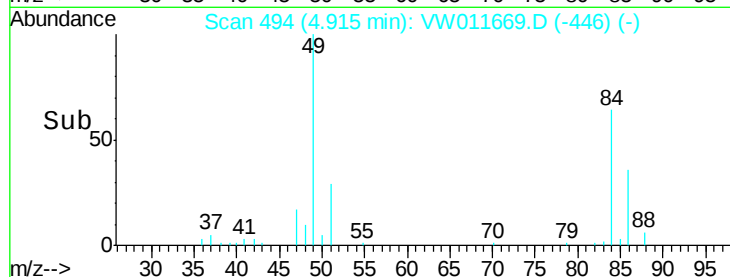


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 5.811 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011669.D

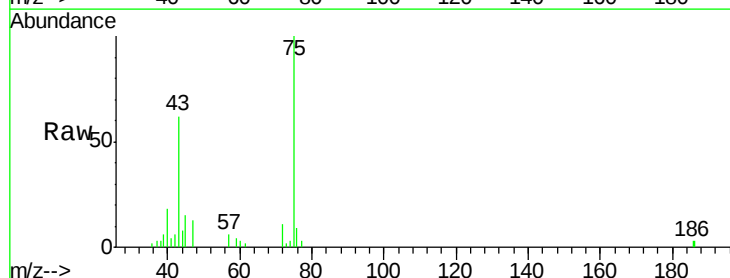
Acq: 03 Aug 2019 16:39

Tgt Ion: 43 Resp: 6039

Ion Ratio Lower Upper

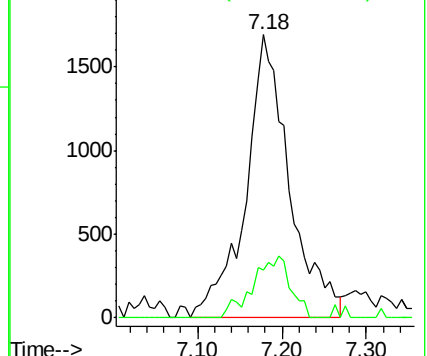
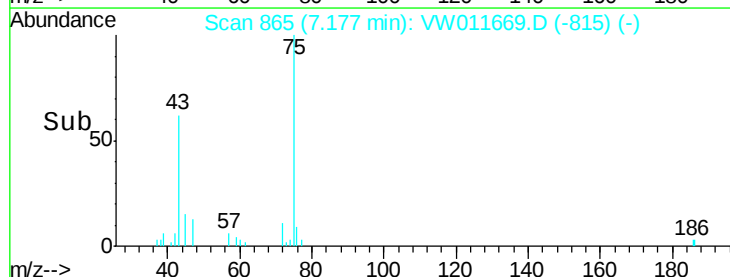
43 100

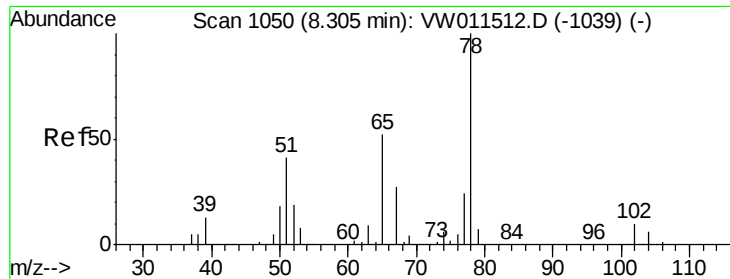
72 17.0 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

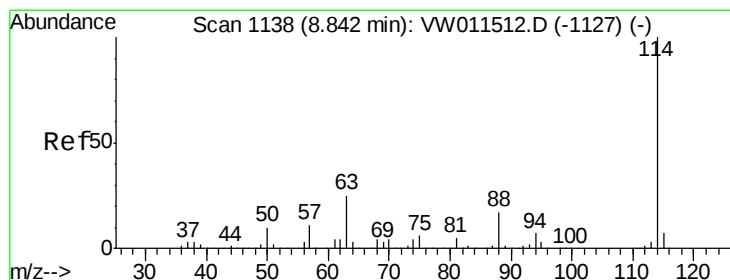
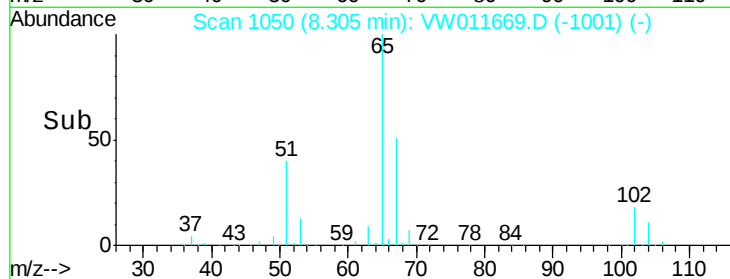
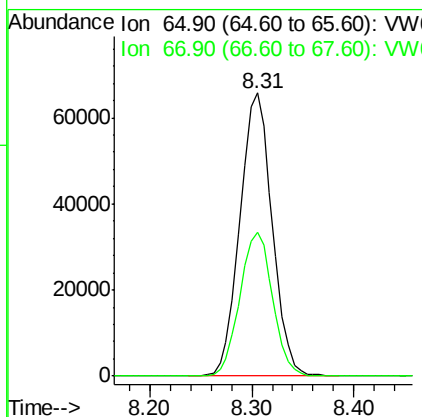
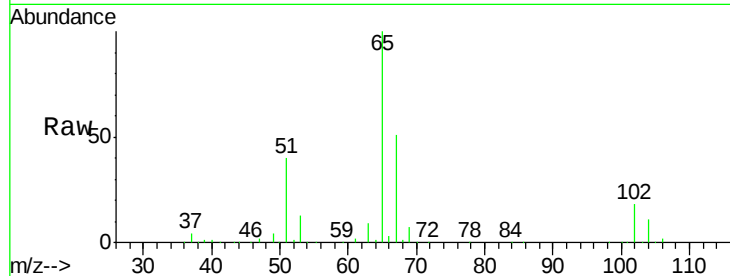




#33
 1,2-Dichloroethane-d4
 Concen: 57.822 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011669.D
 Acq: 03 Aug 2019 16:39

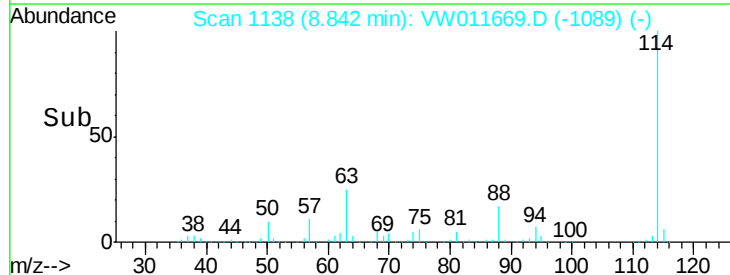
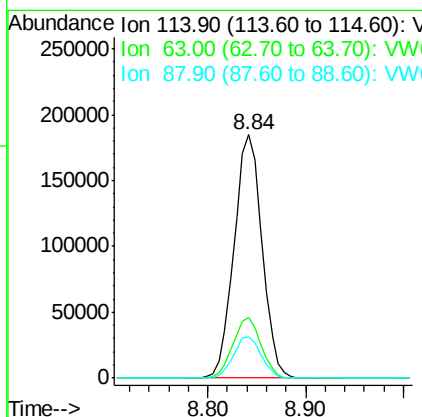
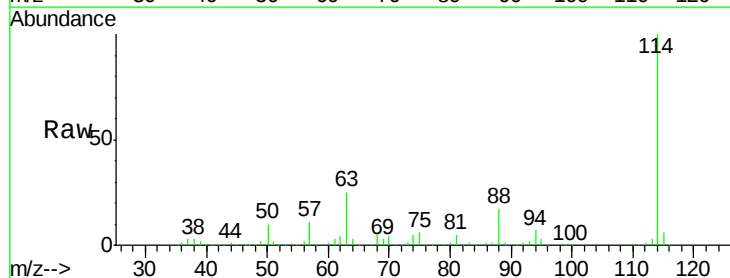
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H3-(30)

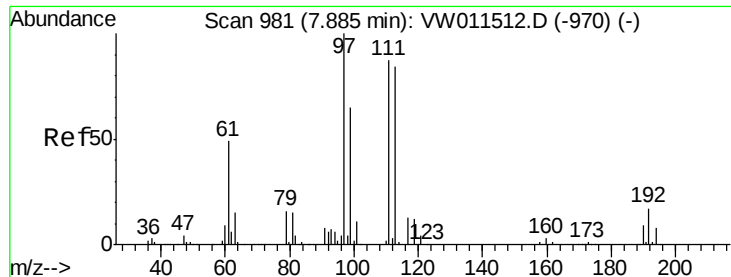
Tot Ion: 65 Resp: 144370
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011669.D
 Acq: 03 Aug 2019 16:39

Tgt Ion: 114 Resp: 367205
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.542 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011669.D

Acq: 03 Aug 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

2S-H3-(30)

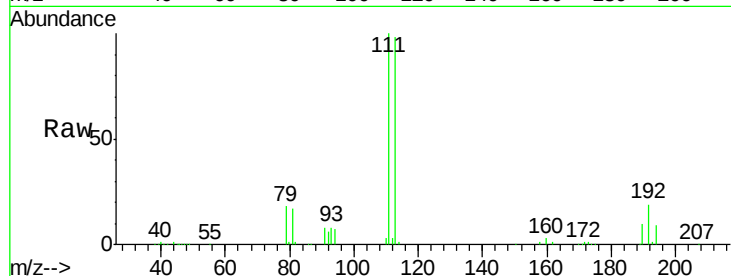
Tot Ion:113 Resp: 112362

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

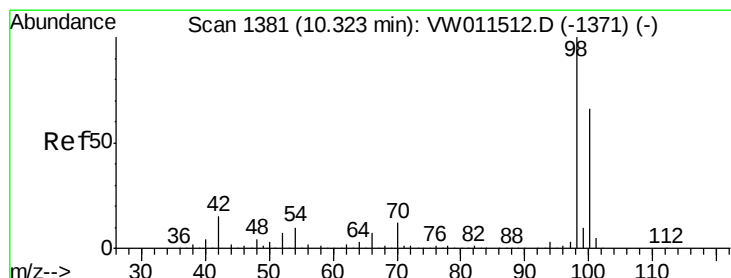
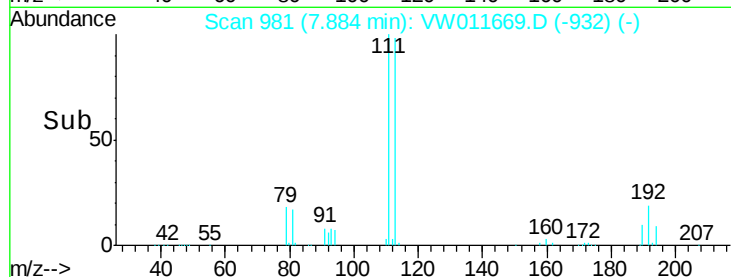
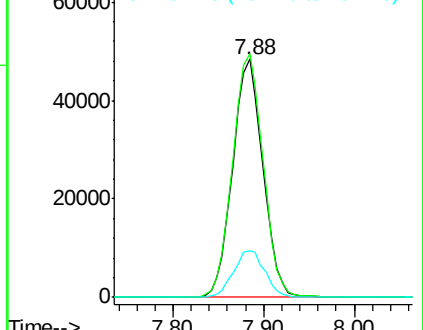
192 20.3 16.1 24.1



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: 53.473 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011669.D

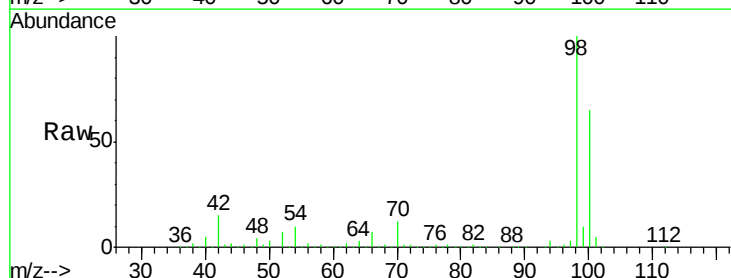
Acq: 03 Aug 2019 16:39

Tgt Ion: 98 Resp: 451023

Ion Ratio Lower Upper

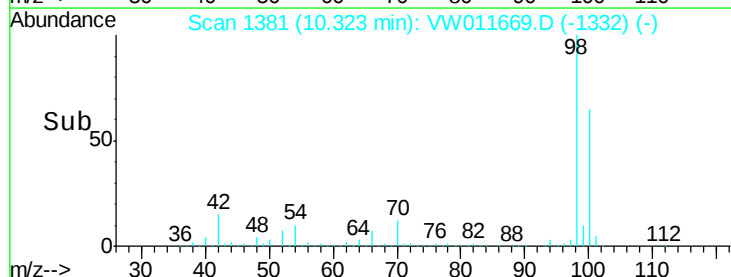
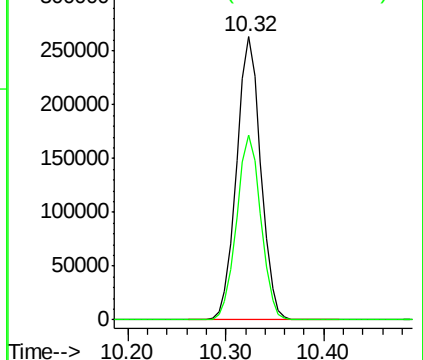
98 100

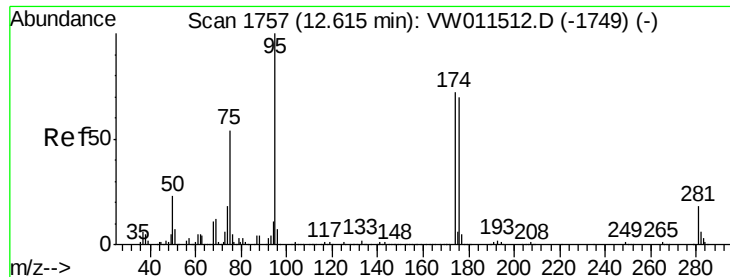
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

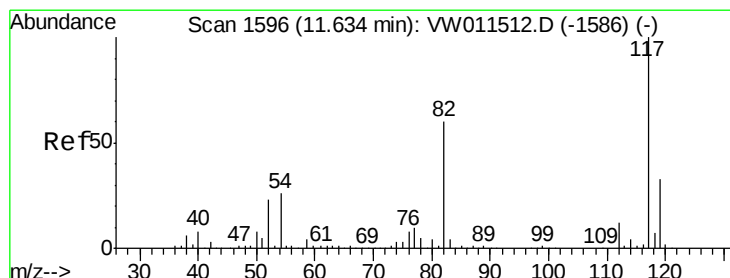
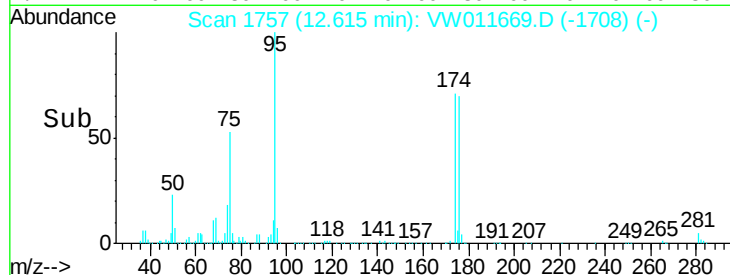
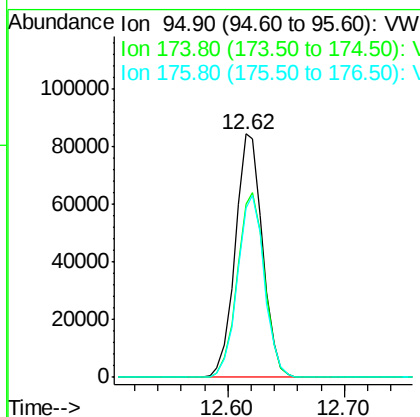
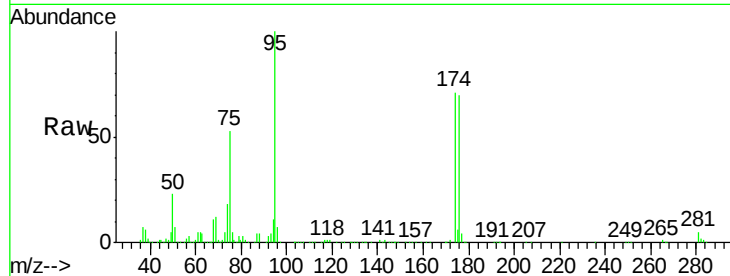




#62
4-Bromofluorobenzene
Concen: 45.839 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011669.D
Acq: 03 Aug 2019 16:39

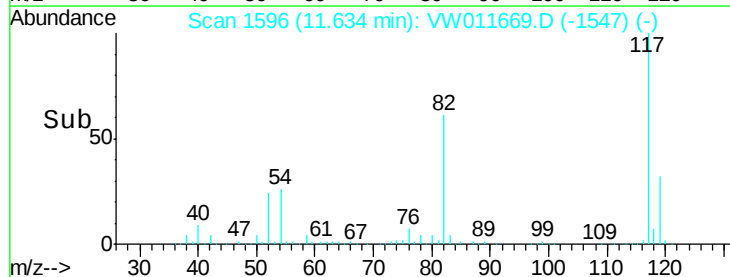
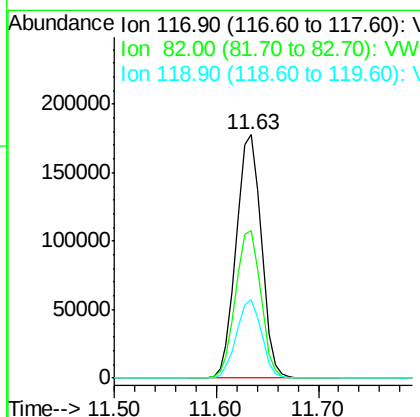
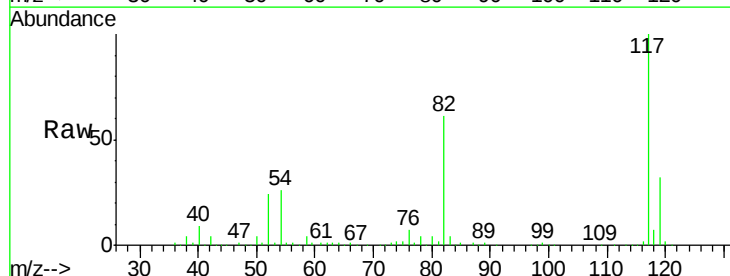
Instrument :
MSVOA_W
ClientSampled :
2S-H3-(30)

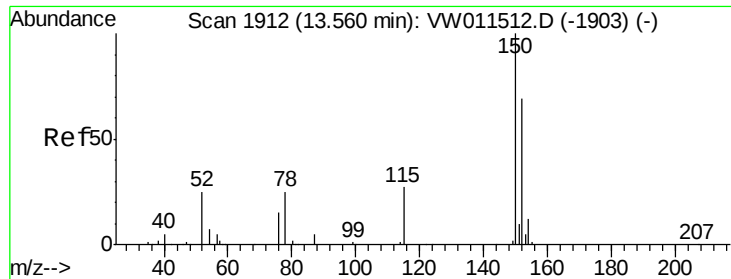
Tot Ion: 95 Resp: 137843
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.2
176 73.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011669.D
Acq: 03 Aug 2019 16:39

Tgt Ion: 117 Resp: 302400
Ion Ratio Lower Upper
117 100
82 60.6 47.9 71.9
119 32.2 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: VW011669.D

Acq: 03 Aug 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

2S-H3-(30)

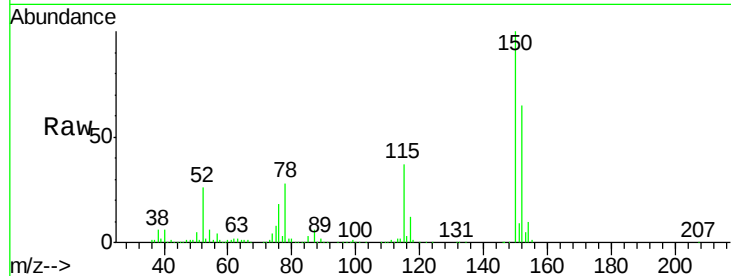
Tot Ion:152 Resp: 116289

Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

150 155.9 0.0 352.6



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

