

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011676.D
 Acq On : 03 Aug 2019 19:39
 Operator : SY/VA
 Sample : K4152-18
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E2-(30)

Quant Time: Aug 04 02:28:52 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

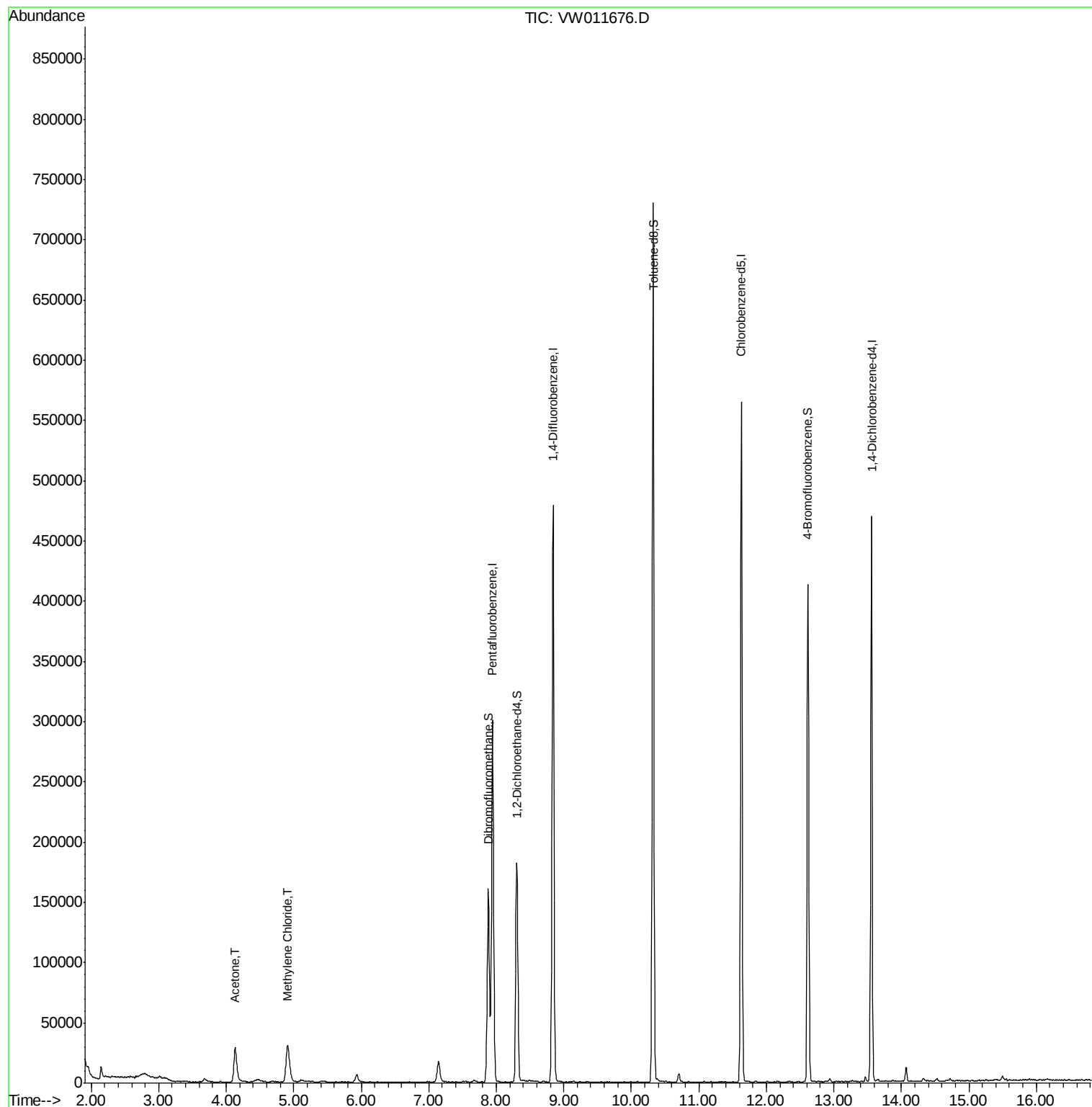
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144211	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.32%	
35) Dibromofluoromethane	7.88	113	113866	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
50) Toluene-d8	10.32	98	449712	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	135905	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
16) Acetone	4.14	43	57642	73.086	ug/l	96
20) Methylene Chloride	4.91	84	24143	8.876	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011676.D

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MSVOA_W

ClientSampleId :

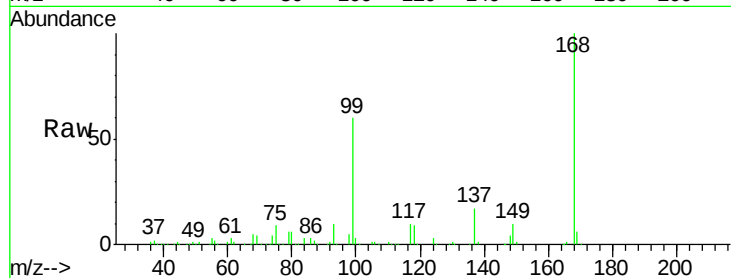
2S-E2-(30)

Tot Ion:168 Resp: 215921

Ion Ratio Lower Upper

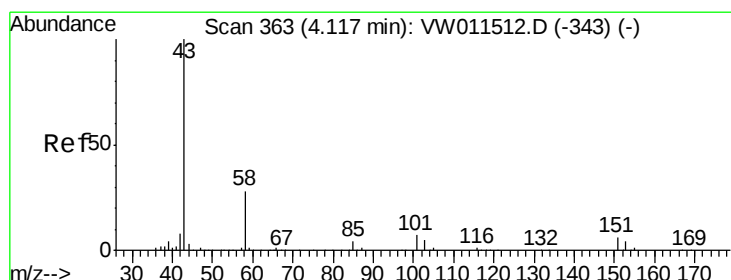
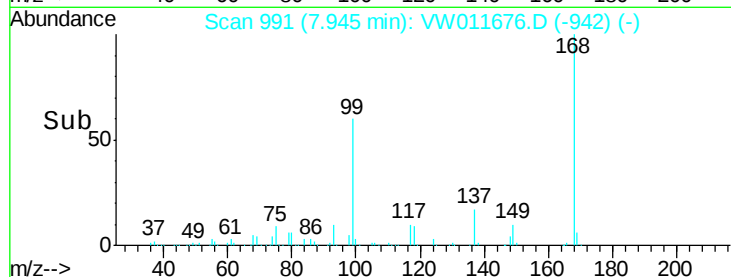
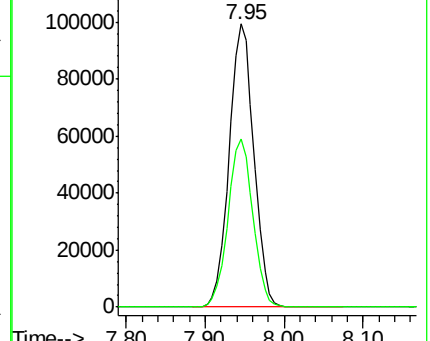
168 100

99 59.5 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: 73.086 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011676.D

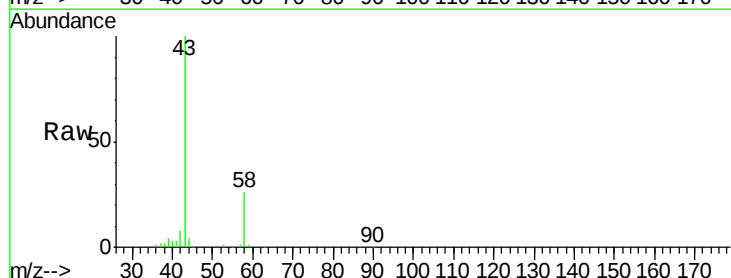
Acq: 03 Aug 2019 19:39

Tgt Ion: 43 Resp: 57642

Ion Ratio Lower Upper

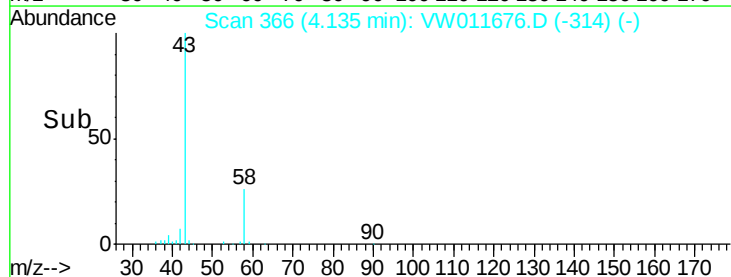
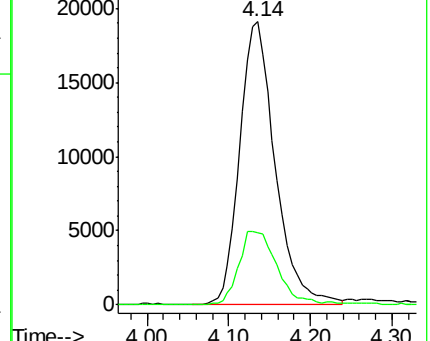
43 100

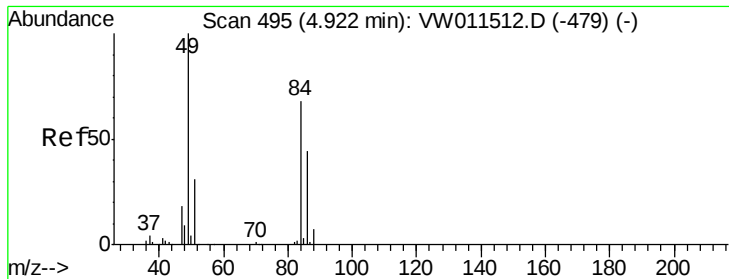
58 25.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

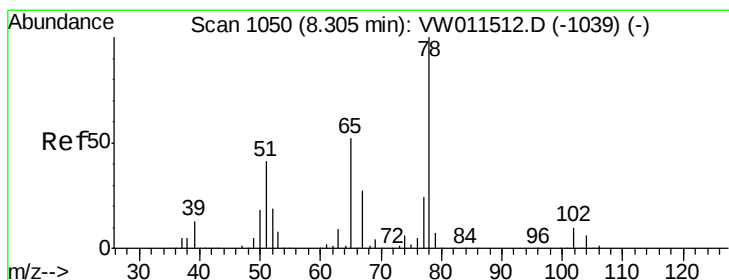
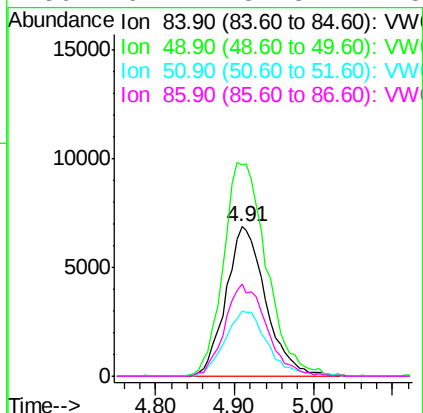
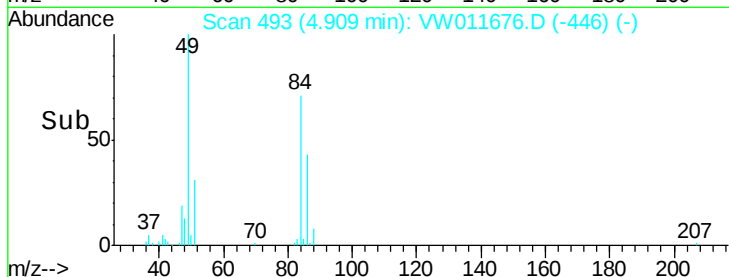
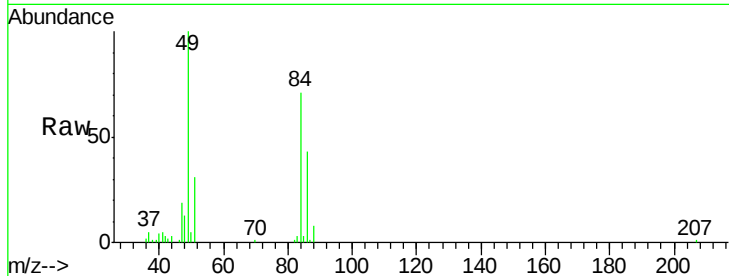




#20
Methylene Chloride
Concen: 8.876 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011676.D
Acq: 03 Aug 2019 19:39

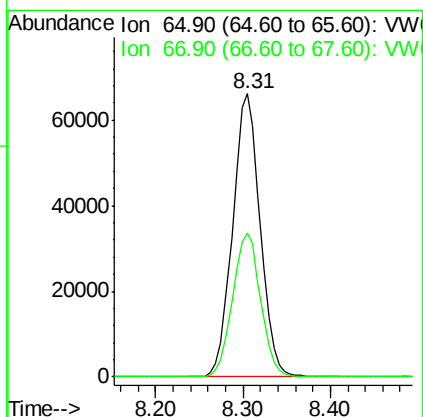
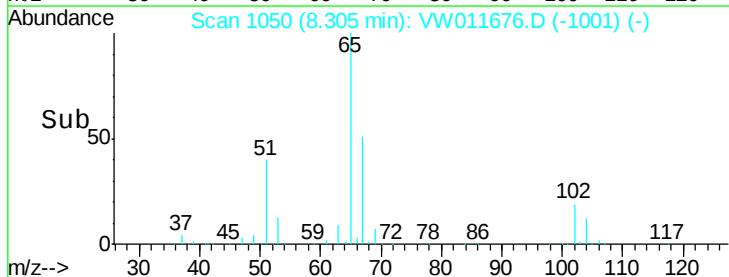
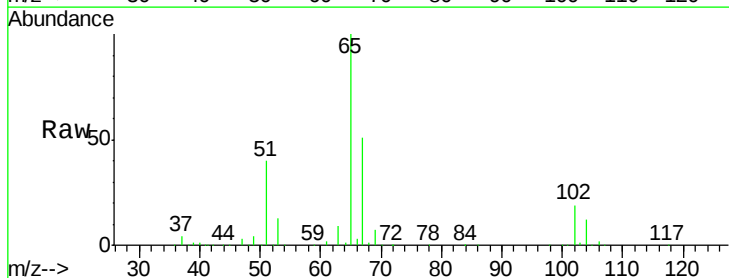
Instrument :
MSVOA_W
ClientSampleId :
2S-E2-(30)

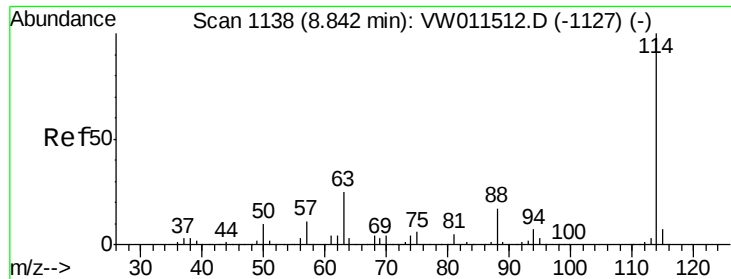
Tot Ion: 84 Resp: 24143
Ion Ratio Lower Upper
84 100
49 140.1 117.8 176.6
51 43.0 37.0 55.4
86 61.4 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 58.164 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011676.D
Acq: 03 Aug 2019 19:39

Tgt Ion: 65 Resp: 144211
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

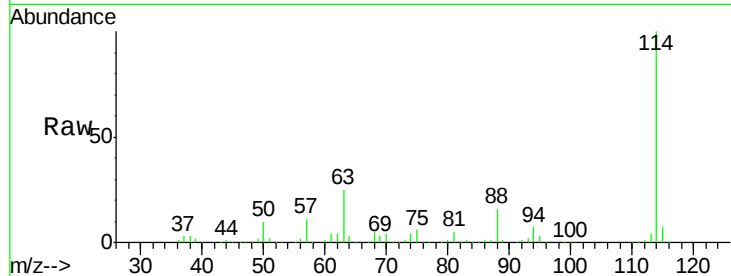




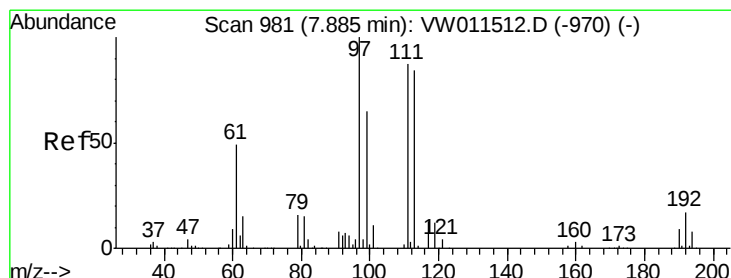
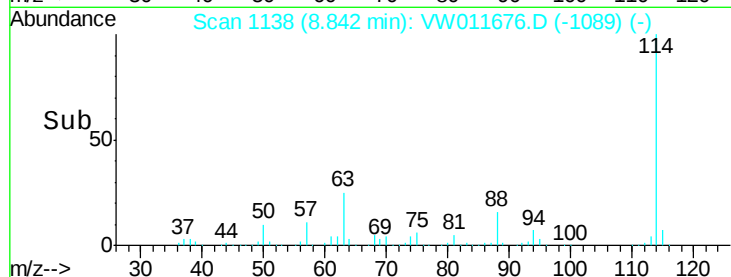
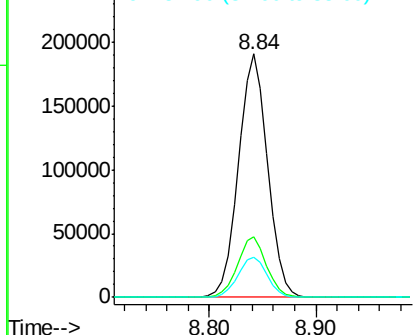
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011676.D
 Acq: 03 Aug 2019 19:39

Instrument :
 MSVOA_W
 ClientSampled :
 2S-E2-(30)

Tot Ion:114 Resp: 365666
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.5 0.0 33.8

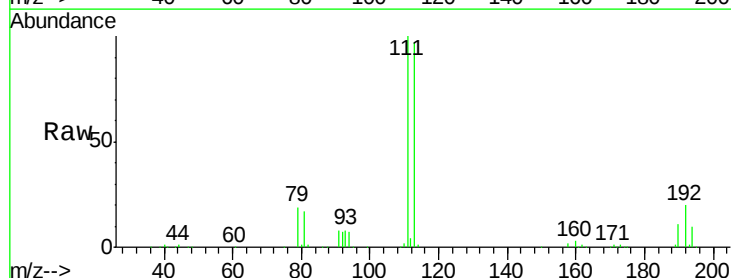


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

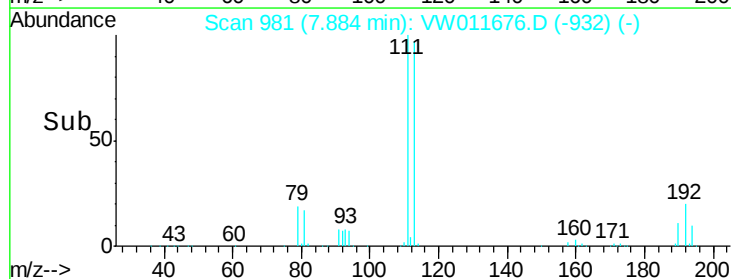
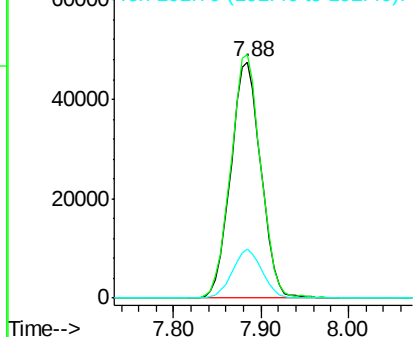


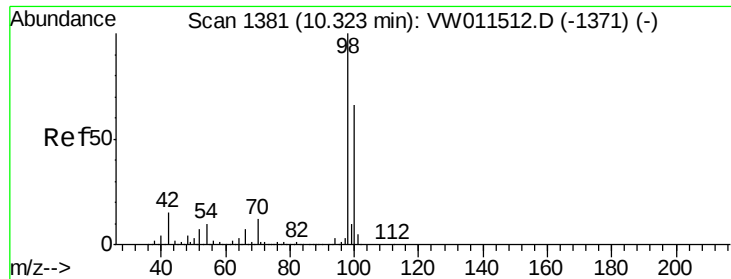
#35
 Dibromofluoromethane
 Concen: 55.505 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011676.D
 Acq: 03 Aug 2019 19:39

Tgt Ion:113 Resp: 113866
 Ion Ratio Lower Upper
 113 100
 111 102.8 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: 53.542 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011676.D

Acq: 03 Aug 2019 19:39

Instrument :

MSVOA_W

ClientSampleId :

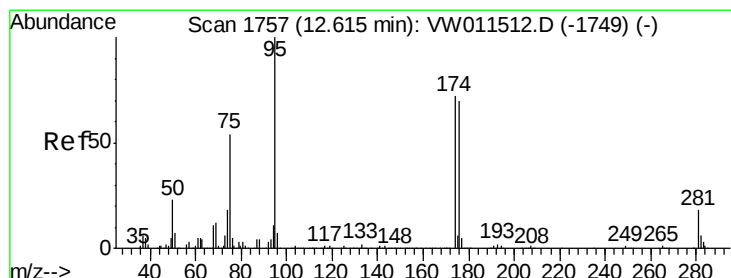
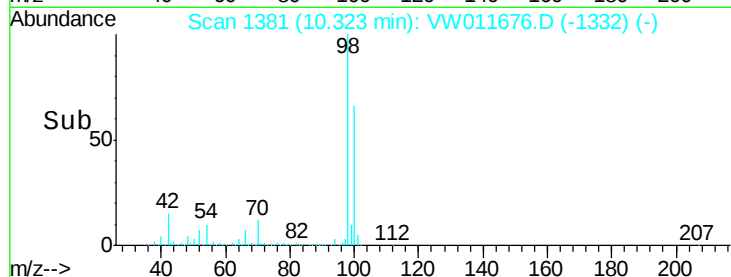
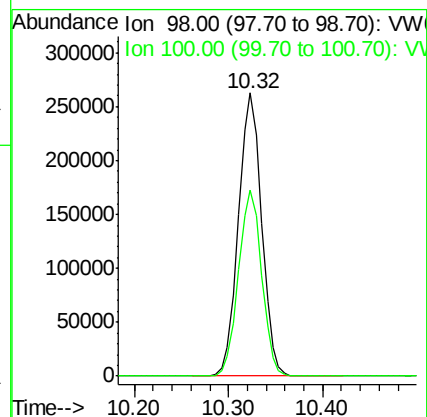
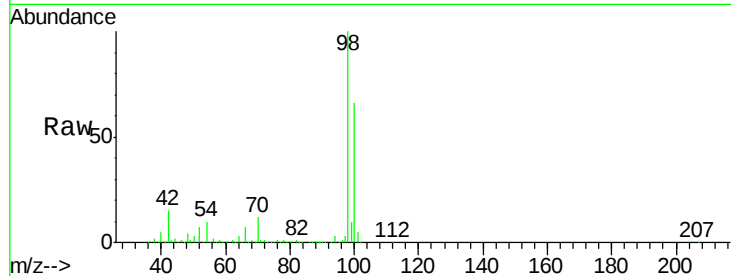
2S-E2-(30)

Tot Ion: 98 Resp: 449712

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.385 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011676.D

Acq: 03 Aug 2019 19:39

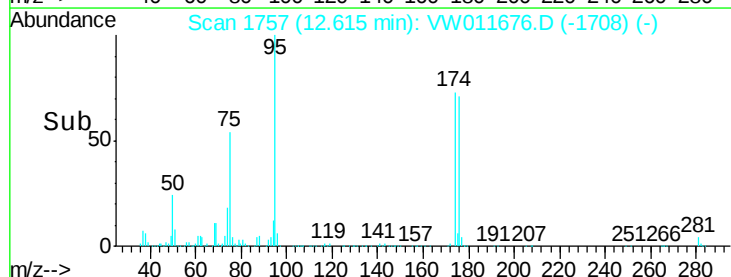
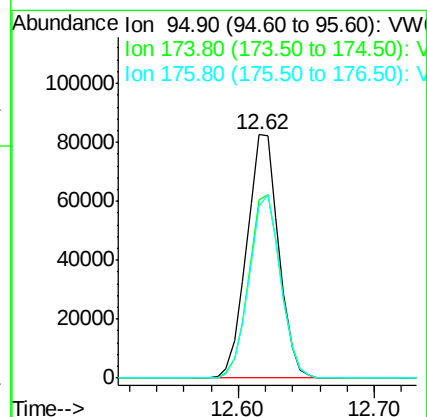
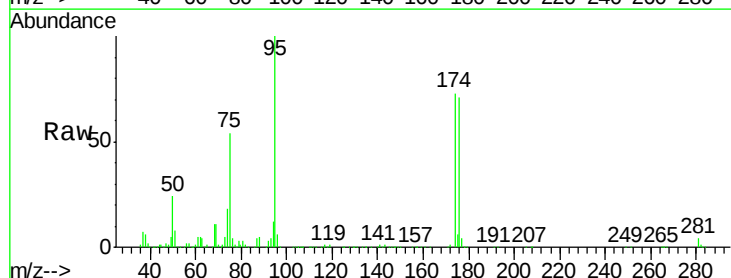
Tgt Ion: 95 Resp: 135905

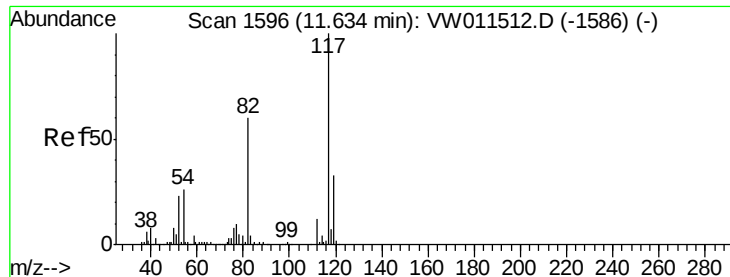
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 74.3 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: VW011676.D

Acq: 03 Aug 2019 19:39

Instrument :

MSVOA_W

ClientSampleId :

2S-E2-(30)

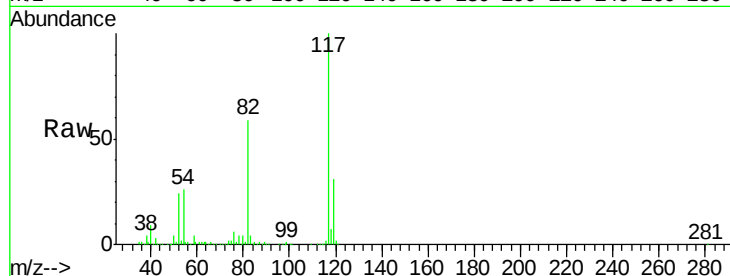
Tot Ion:117 Resp: 300037

Ion Ratio Lower Upper

117 100

82 59.2 47.9 71.9

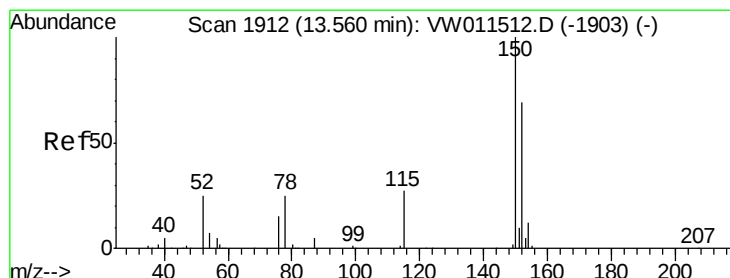
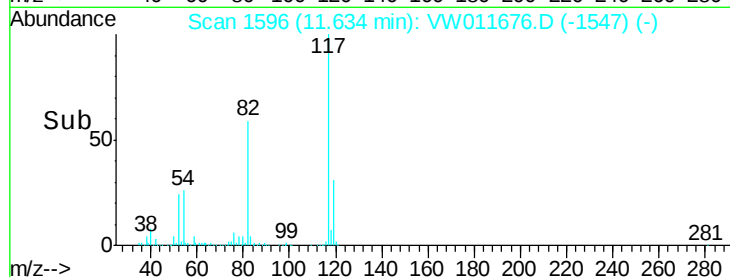
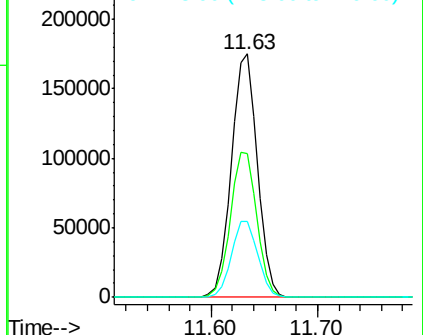
119 31.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011676.D

Acq: 03 Aug 2019 19:39

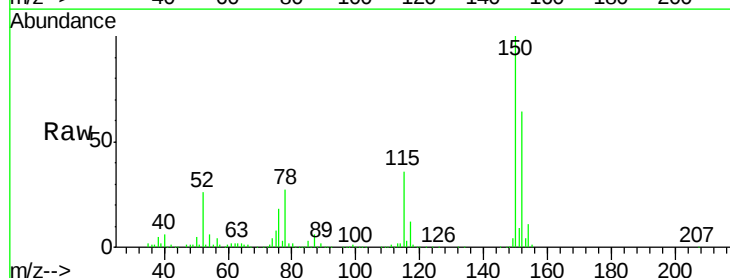
Tgt Ion:152 Resp: 113864

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

150 157.1 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

