

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011791.D
 Acq On : 09 Aug 2019 01:56
 Operator : SY/VA
 Sample : K4228-10
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F3-(1)

Quant Time: Aug 09 06:06:01 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

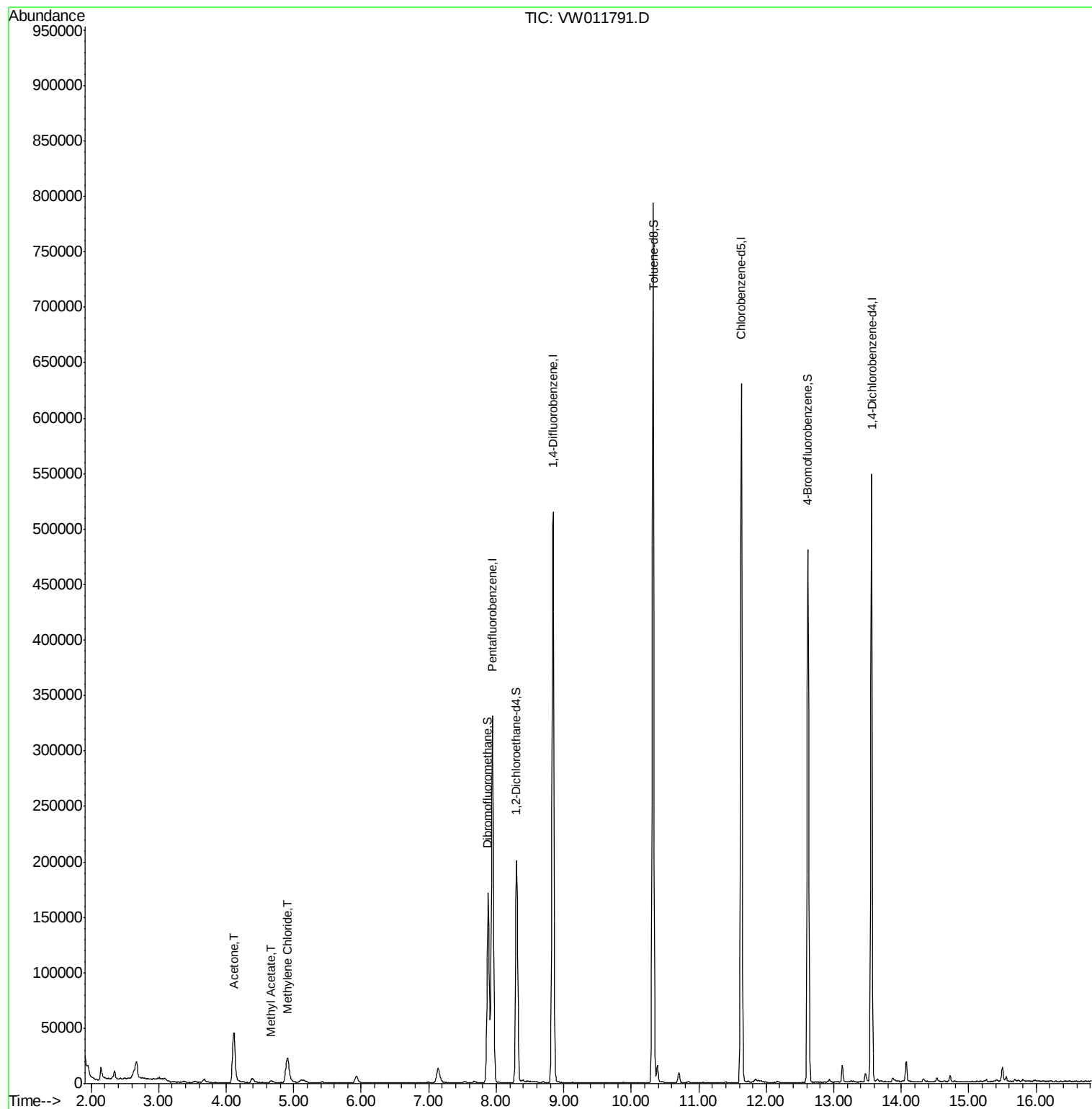
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	158254	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
35) Dibromofluoromethane	7.88	113	121549	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	10.32	98	494709	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	155678	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
16) Acetone	4.11	43	83770	94.894	ug/l	100
18) Methyl Acetate	4.67	43	3307	1.668	ug/l	99
20) Methylene Chloride	4.91	84	16798	5.517	ug/l	92

(#) = 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: VW011791.D

Acq: 09 Aug 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

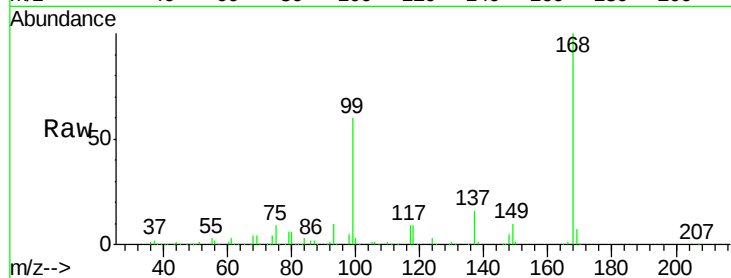
2S-F3-(1)

Tot Ion:168 Resp: 241682

Ion Ratio Lower Upper

168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

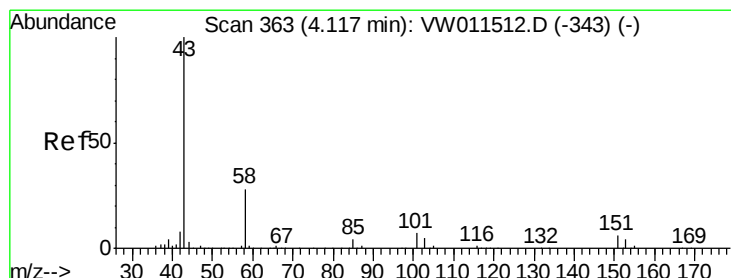
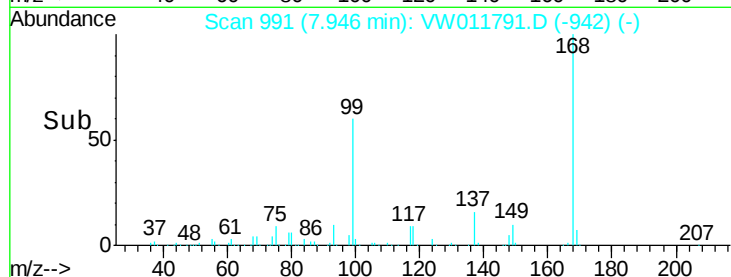
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 94.894 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011791.D

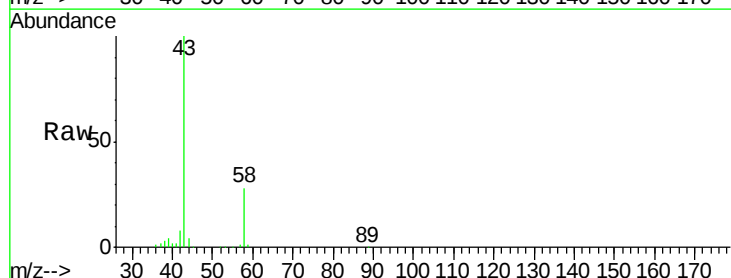
Acq: 09 Aug 2019 01:56

Tgt Ion: 43 Resp: 83770

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

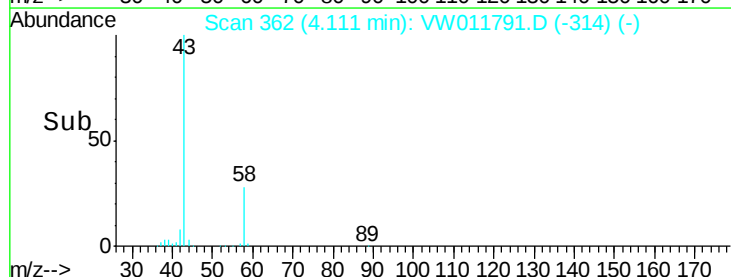
30000

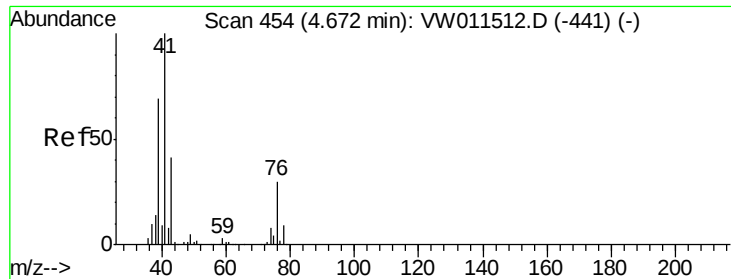
20000

10000

0

Time--> 4.00 4.10 4.20

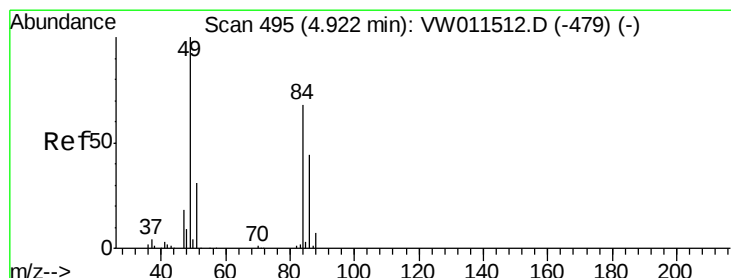
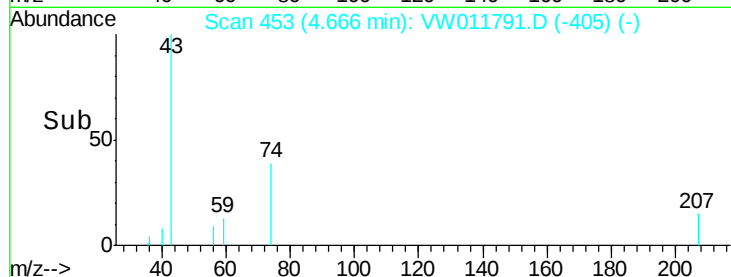
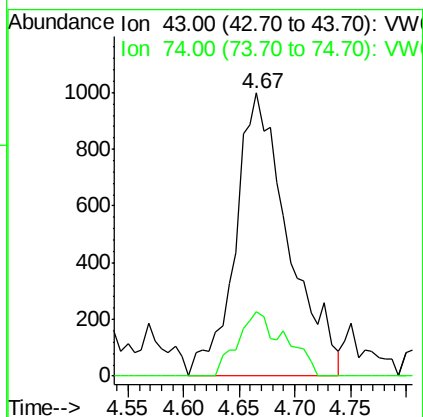
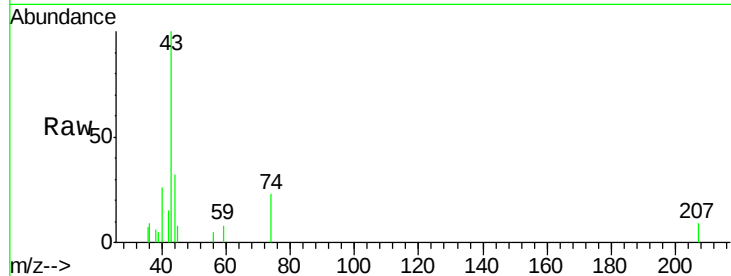




#18
Methyl Acetate
Concen: 1.668 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011791.D
Acq: 09 Aug 2019 01:56

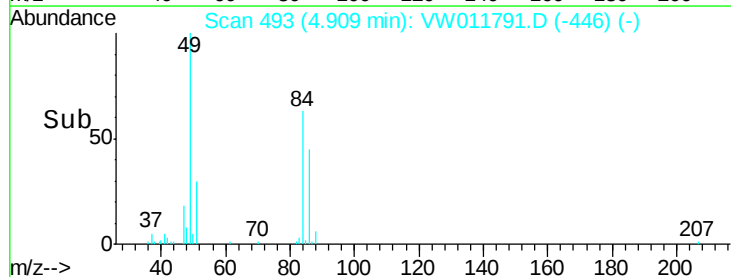
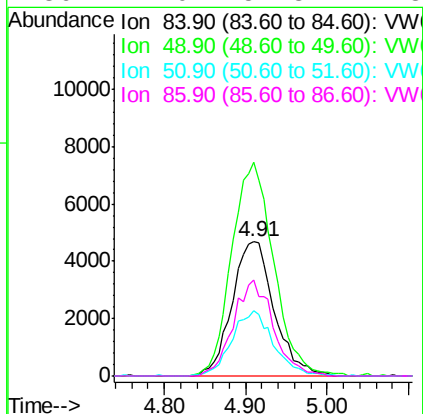
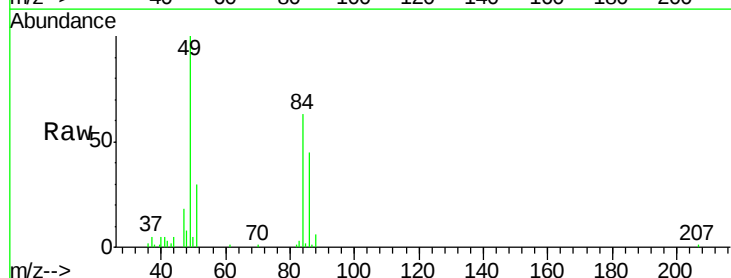
Instrument :
MSVOA_W
ClientSampled :
2S-F3-(1)

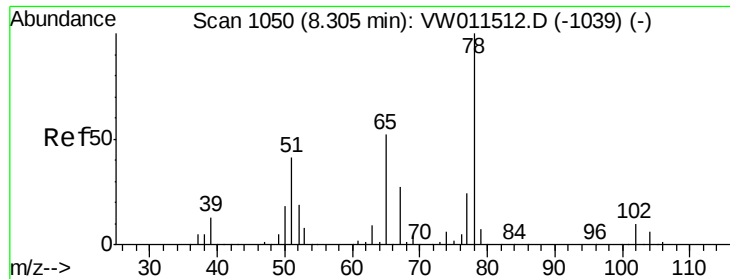
Tot Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
74 20.3 15.9 23.9



#20
Methylene Chloride
Concen: 5.517 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011791.D
Acq: 09 Aug 2019 01:56

Tgt Ion: 84 Resp: 16798
Ion Ratio Lower Upper
84 100
49 159.4 117.8 176.6
51 48.4 37.0 55.4
86 72.0 51.8 77.8

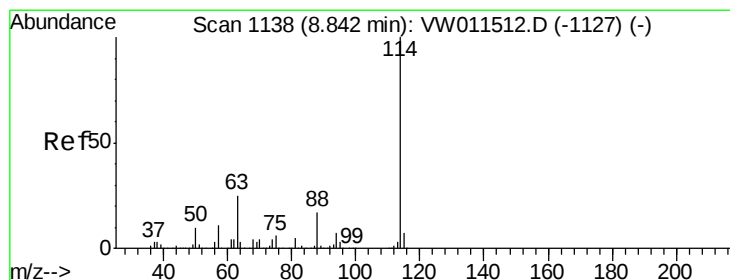
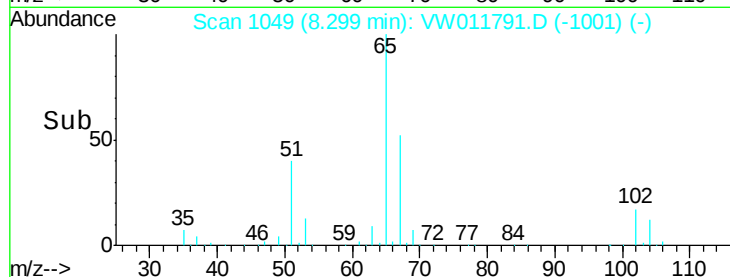
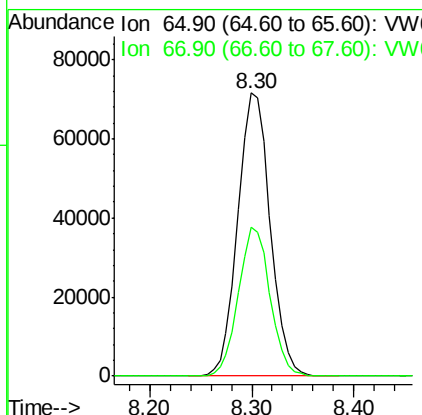
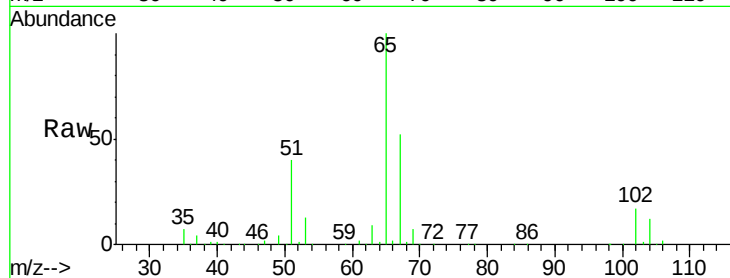




#33
 1,2-Dichloroethane-d4
 Concen: 57.025 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011791.D
 Acq: 09 Aug 2019 01:56

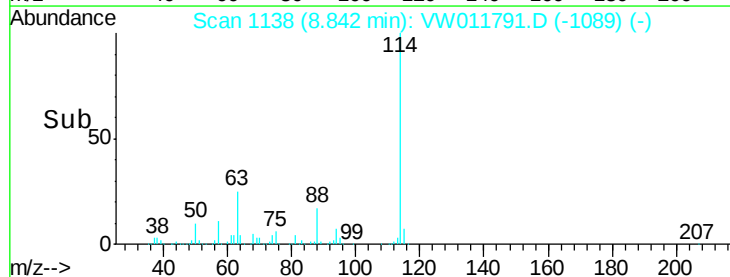
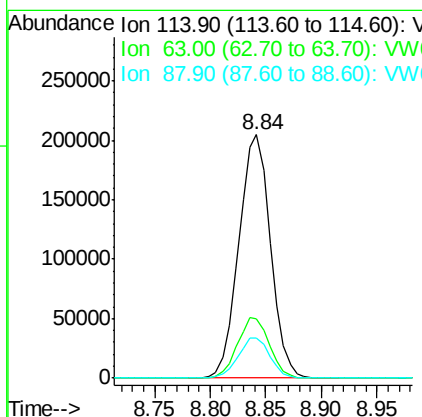
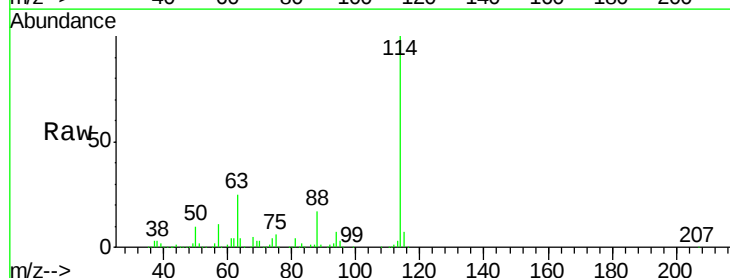
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F3-(1)

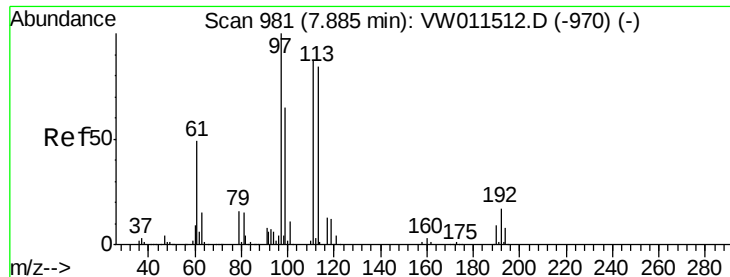
Tot Ion: 65 Resp: 158254
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011791.D
 Acq: 09 Aug 2019 01:56

Tgt Ion: 114 Resp: 403090
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.749 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011791.D

Acq: 09 Aug 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

2S-F3-(1)

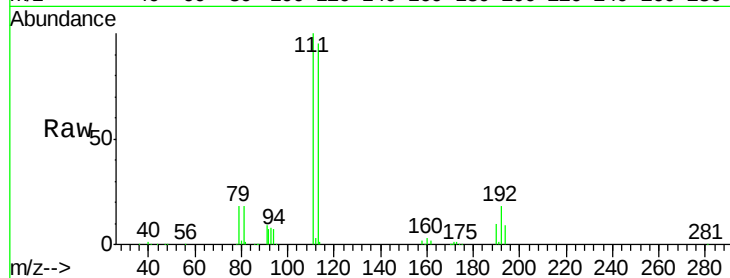
Tot Ion:113 Resp: 121549

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

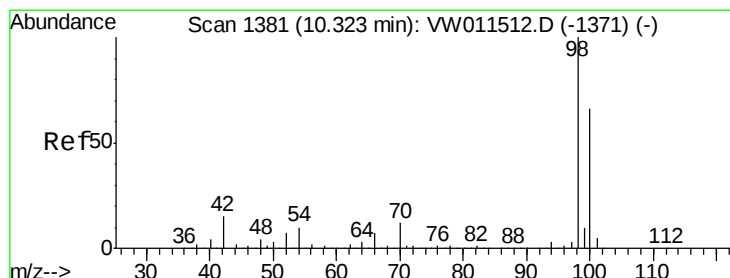
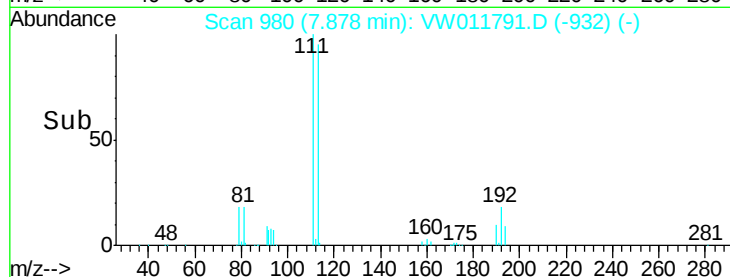
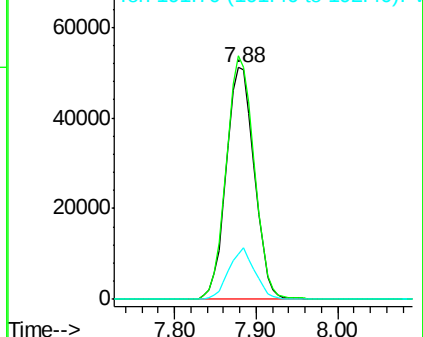
192 20.4 16.1 24.1



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: 53.431 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011791.D

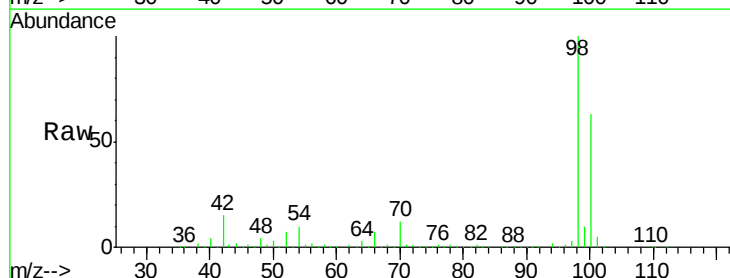
Acq: 09 Aug 2019 01:56

Tgt Ion: 98 Resp: 494709

Ion Ratio Lower Upper

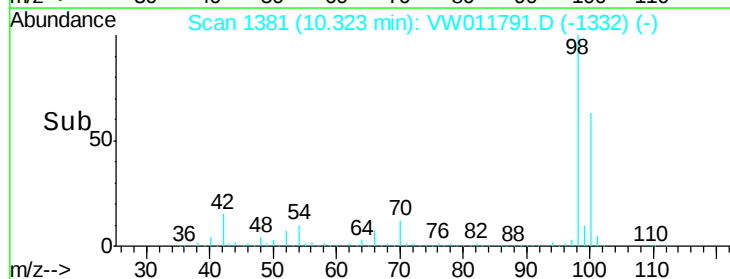
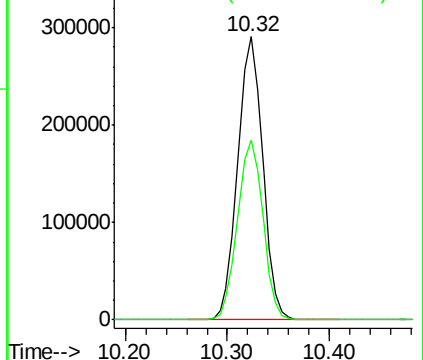
98 100

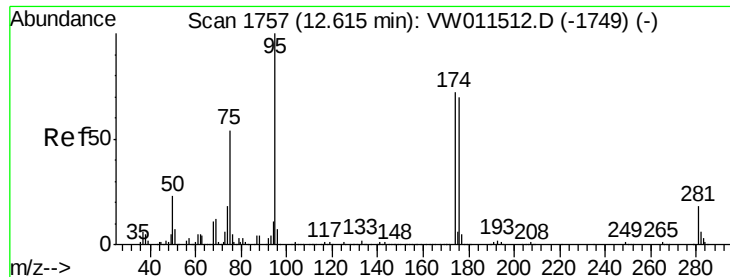
100 64.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

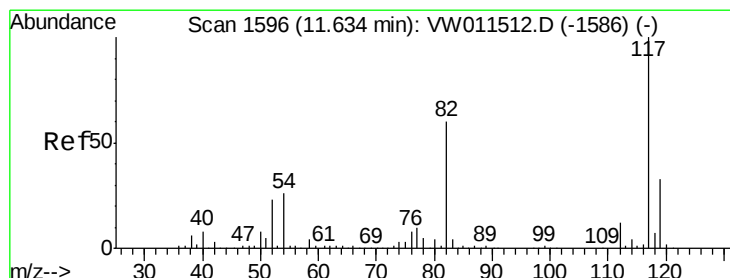
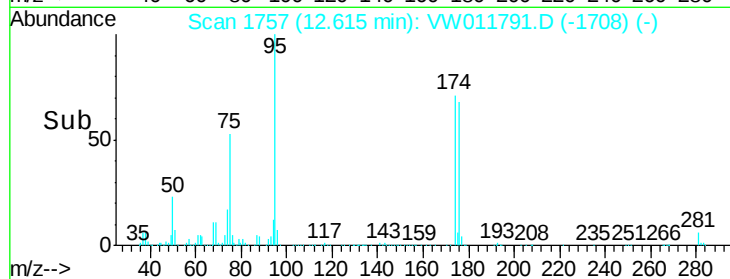
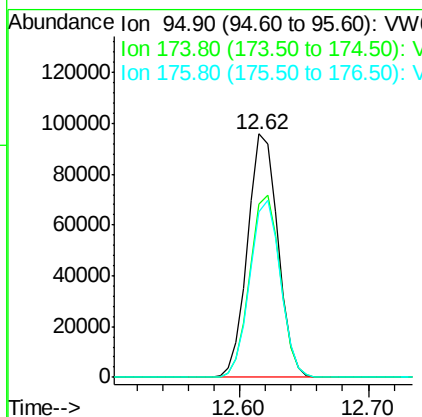
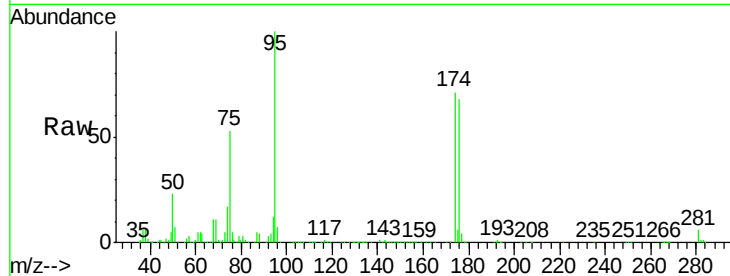




#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011791.D
Acq: 09 Aug 2019 01:56

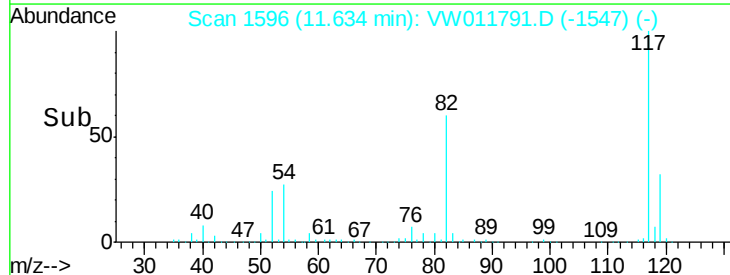
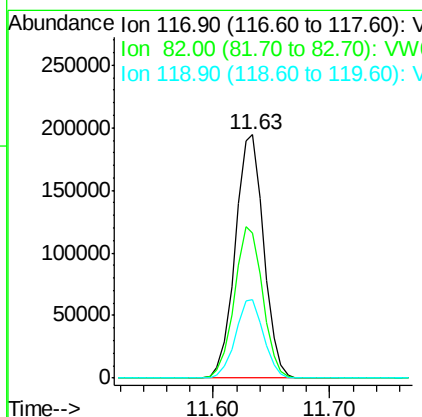
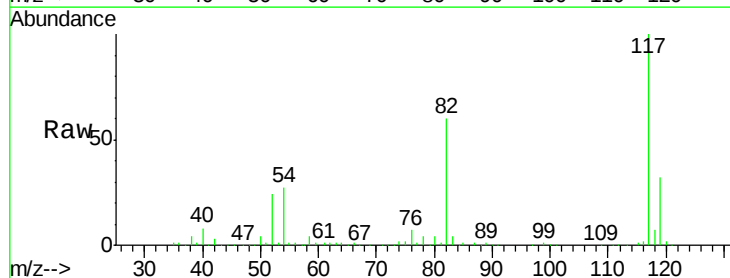
Instrument :
MSVOA_W
ClientSampleId :
2S-F3-(1)

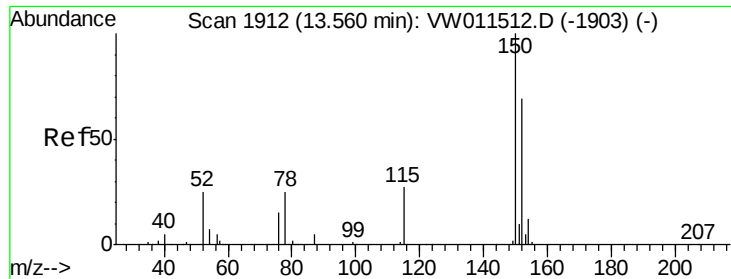
Tot Ion: 95 Resp: 155678
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 73.2 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011791.D
Acq: 09 Aug 2019 01:56

Tgt Ion: 117 Resp: 330797
Ion Ratio Lower Upper
117 100
82 59.7 47.9 71.9
119 32.4 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: VW011791.D

Acq: 09 Aug 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

2S-F3-(1)

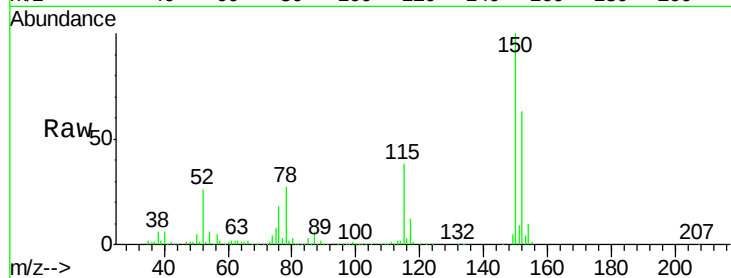
Tot Ion:152 Resp: 131518

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 159.0 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

