

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011692.D
 Acq On : 04 Aug 2019 04:42
 Operator : SY/VA
 Sample : K4152-20
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E4-(30)

Quant Time: Aug 05 01:33:53 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

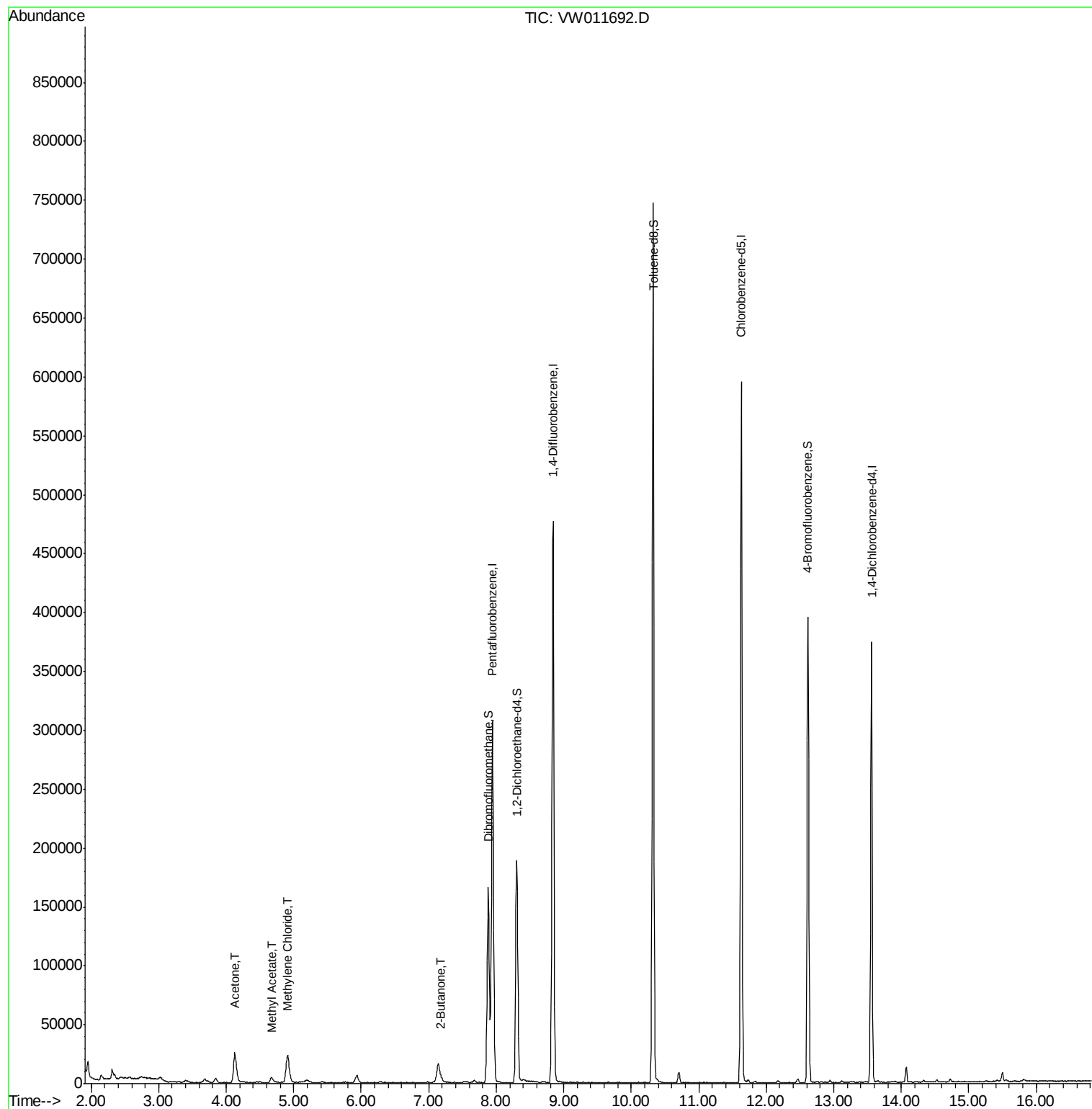
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152356	59.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.62%	
35) Dibromofluoromethane	7.88	113	118683	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
50) Toluene-d8	10.32	98	459601	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	129056	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
Target Compounds						
16) Acetone	4.14	43	51976	64.142	ug/l	94
18) Methyl Acetate	4.67	43	9518	5.229	ug/l	93
20) Methylene Chloride	4.92	84	17358	6.211	ug/l	91
25) 2-Butanone	7.18	43	7955	7.502	ug/l	93

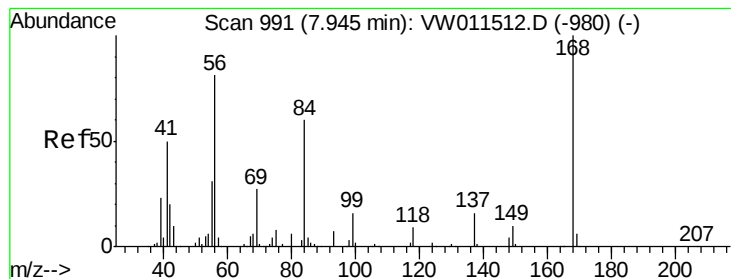
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011692.D

Acq: 04 Aug 2019 04:42

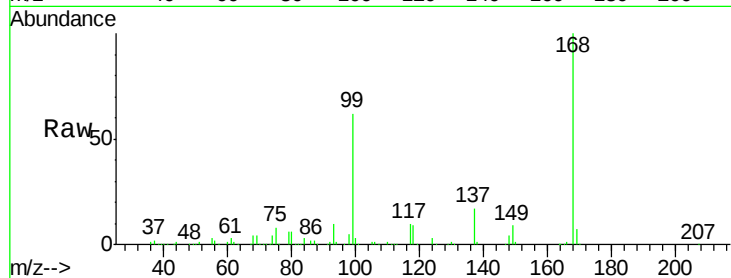
Instrument :
MSVOA_W
ClientSampleId :
2S-E4-(30)

Tot Ion:168 Resp: 221847

Ion Ratio Lower Upper

168 100

99 61.7 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

100000

80000

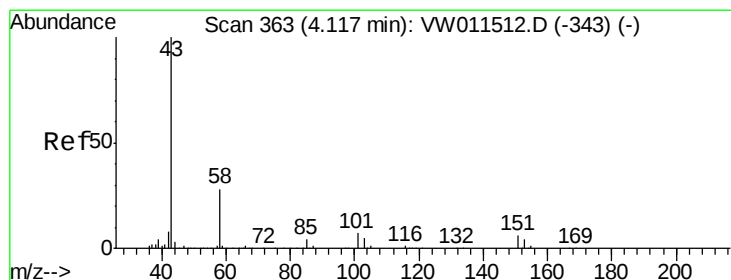
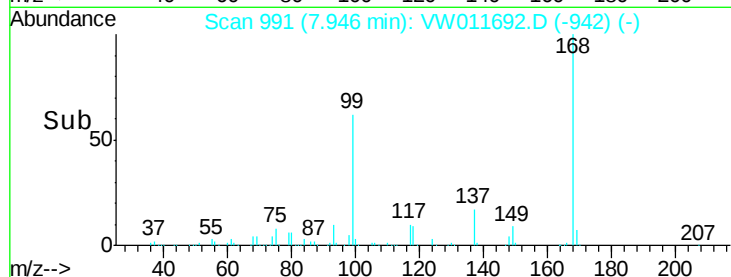
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 64.142 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011692.D

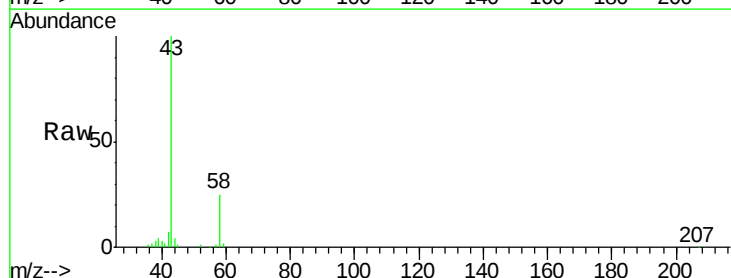
Acq: 04 Aug 2019 04:42

Tgt Ion: 43 Resp: 51976

Ion Ratio Lower Upper

43 100

58 25.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

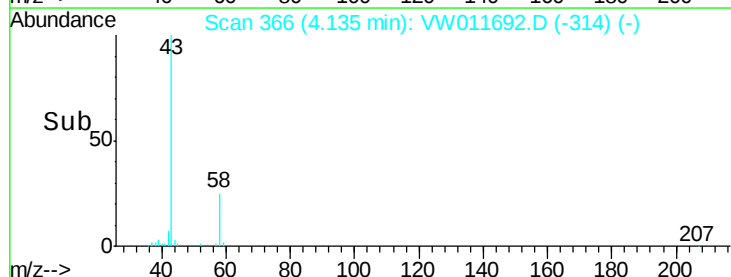
15000

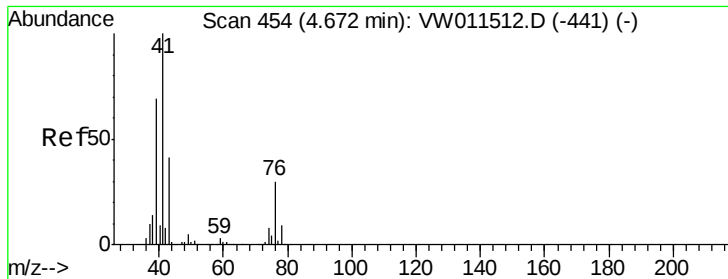
10000

5000

0

Time-->

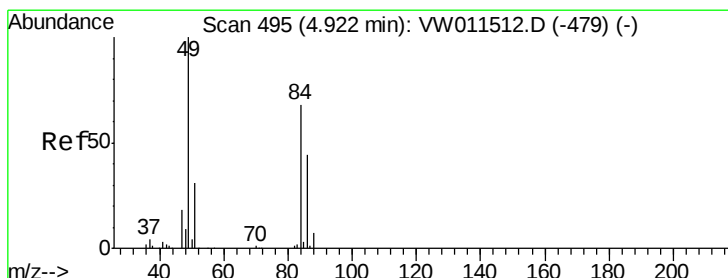
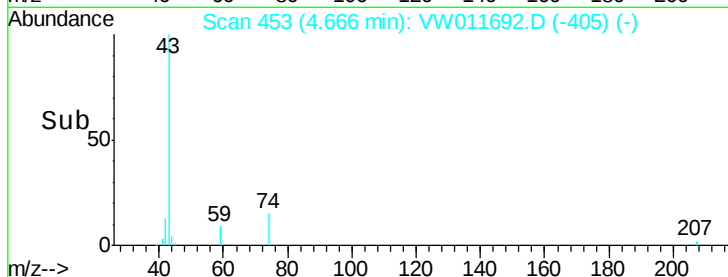
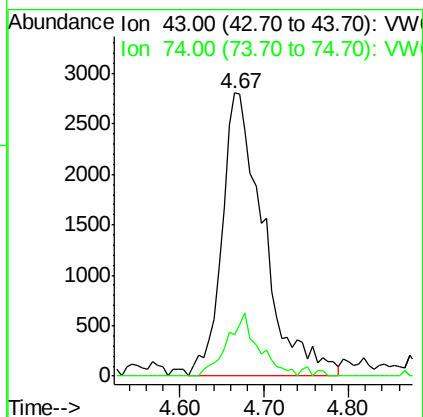
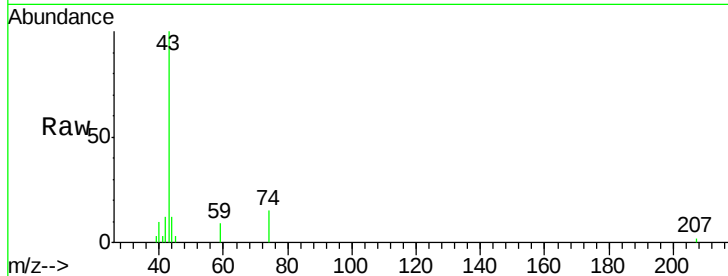




#18
Methyl Acetate
Concen: 5.229 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011692.D
Acq: 04 Aug 2019 04:42

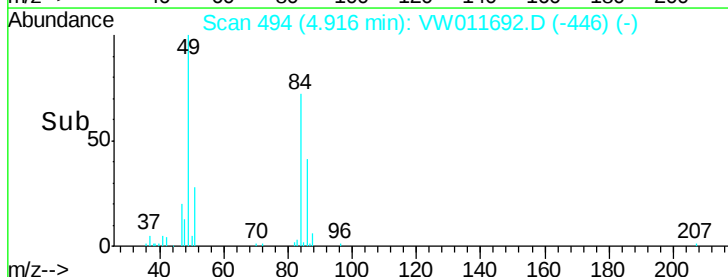
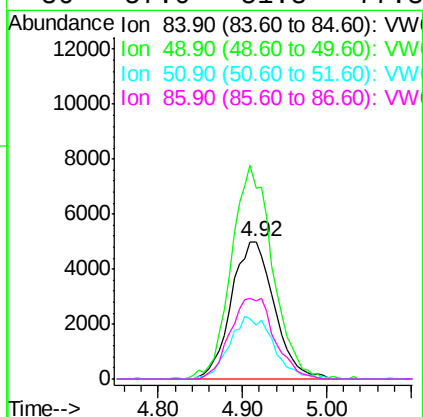
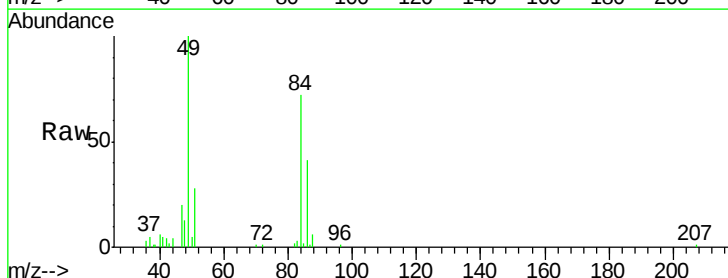
Instrument :
MSVOA_W
ClientSampleId :
2S-E4-(30)

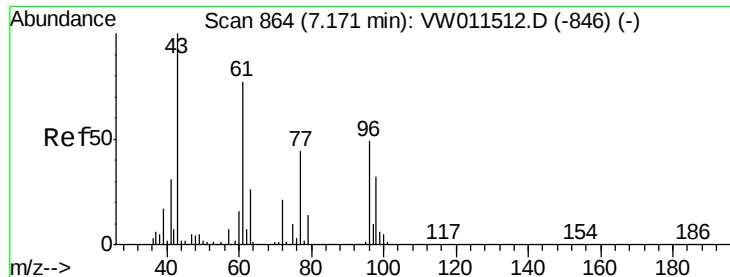
Tot Ion: 43 Resp: 9518
Ion Ratio Lower Upper
43 100
74 16.8 15.9 23.9



#20
Methylene Chloride
Concen: 6.211 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011692.D
Acq: 04 Aug 2019 04:42

Tgt Ion: 84 Resp: 17358
Ion Ratio Lower Upper
84 100
49 137.7 117.8 176.6
51 39.5 37.0 55.4
86 57.0 51.8 77.8





#25

2-Butanone

Concen: 7.502 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011692.D

Acq: 04 Aug 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

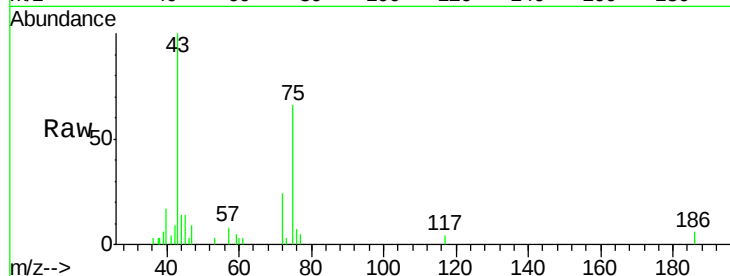
2S-E4-(30)

Tot Ion: 43 Resp: 7955

Ion Ratio Lower Upper

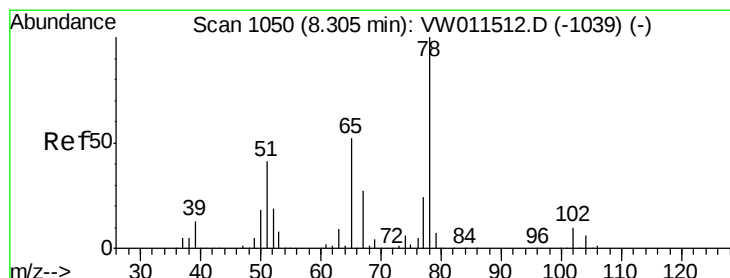
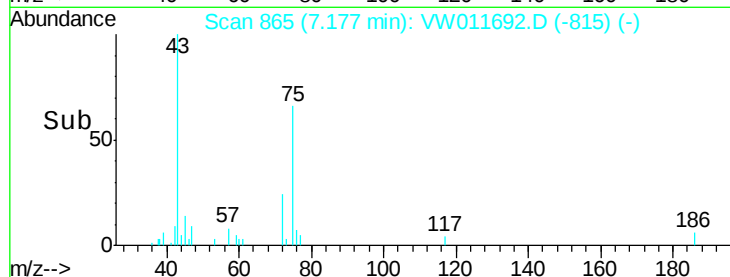
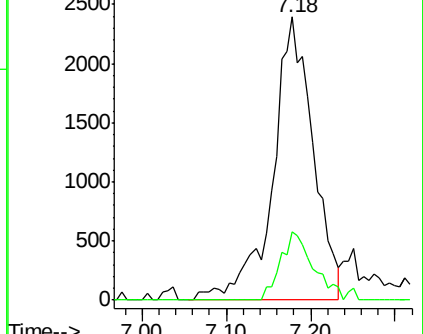
43 100

72 24.1 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: 59.808 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011692.D

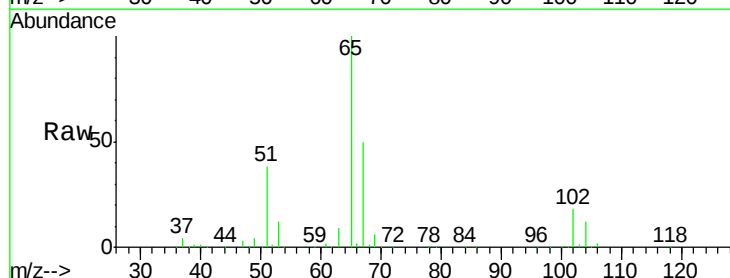
Acq: 04 Aug 2019 04:42

Tgt Ion: 65 Resp: 152356

Ion Ratio Lower Upper

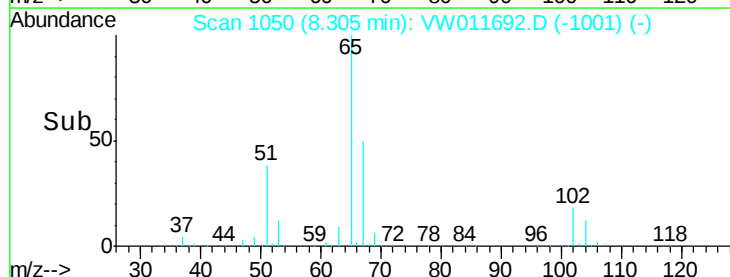
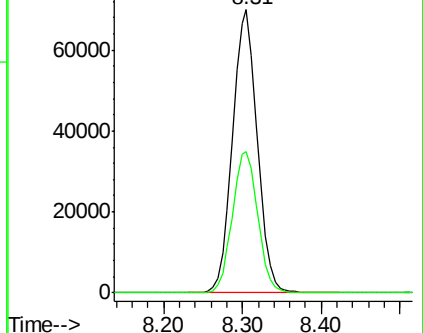
65 100

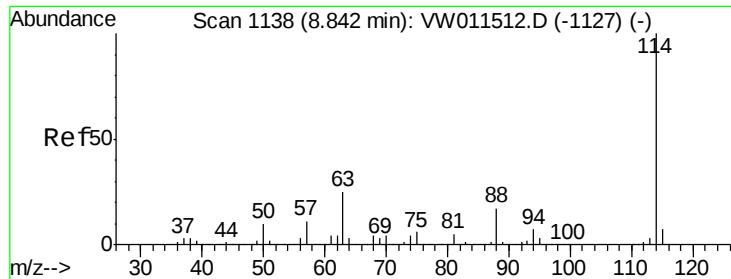
67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

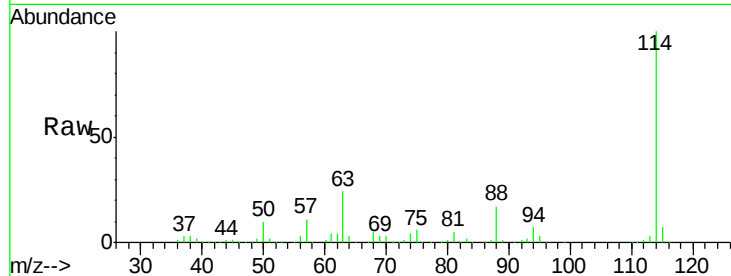




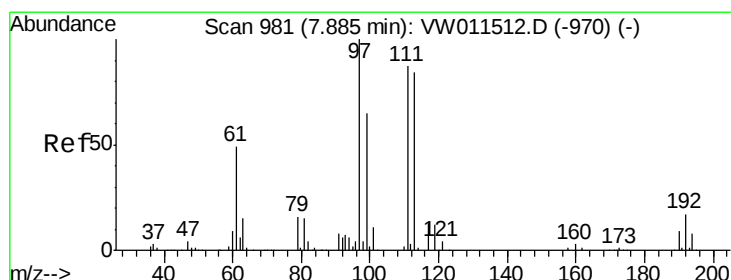
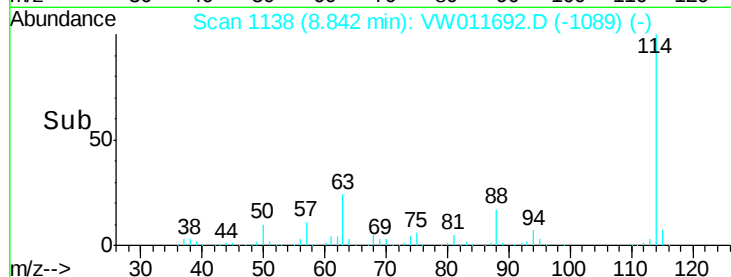
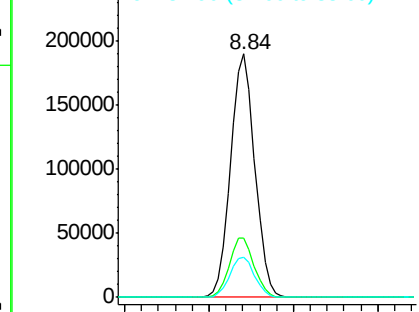
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011692.D
 Acq: 04 Aug 2019 04:42

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E4-(30)

Tot Ion:114 Resp: 373816
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.6 0.0 33.8

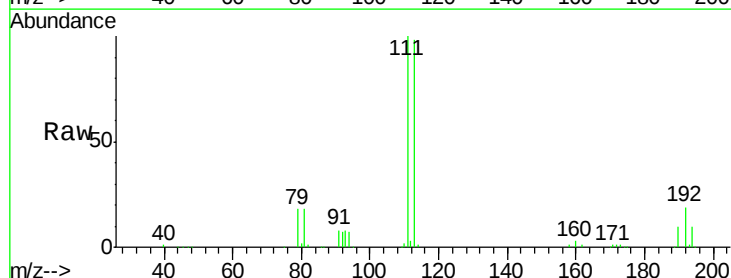


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

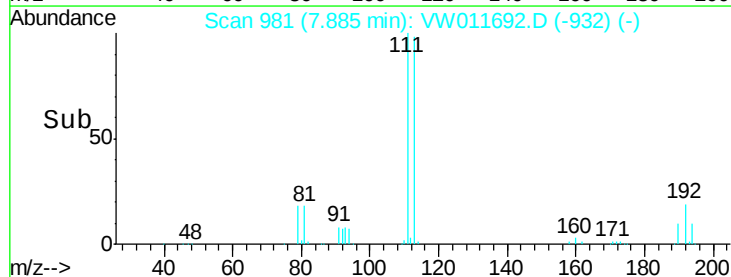
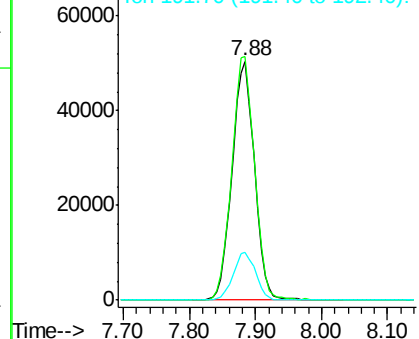


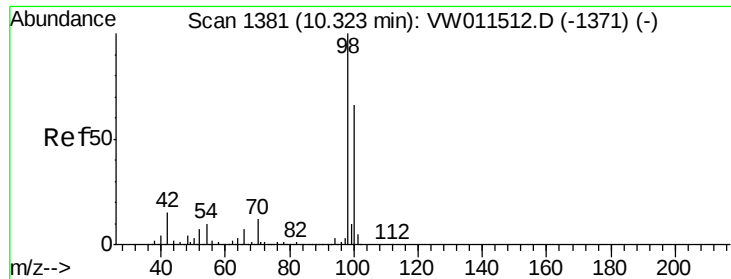
#35
 Dibromofluoromethane
 Concen: 56.592 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011692.D
 Acq: 04 Aug 2019 04:42

Tgt Ion:113 Resp: 118683
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.0 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: 53.526 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011692.D

Acq: 04 Aug 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

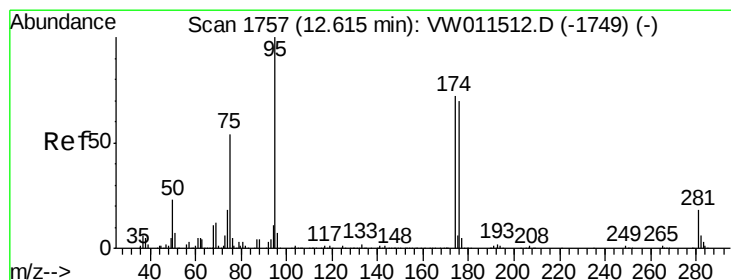
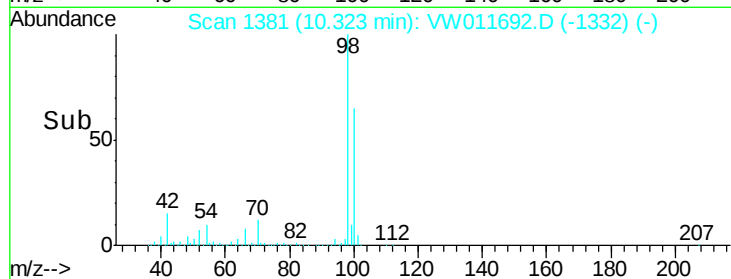
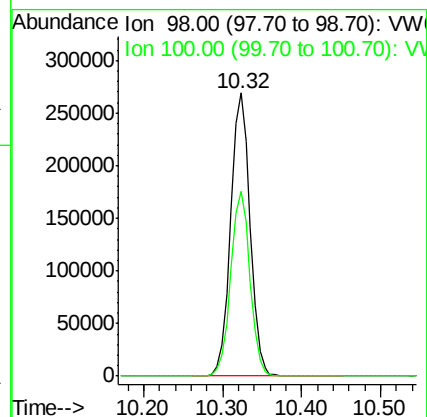
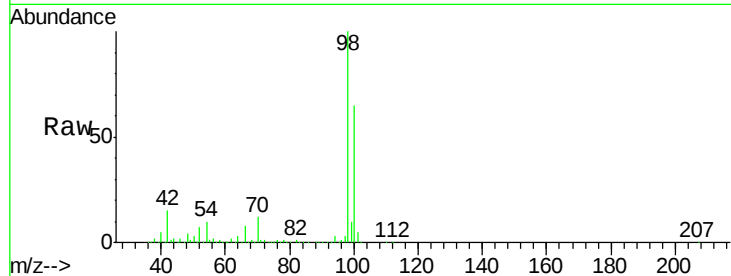
2S-E4-(30)

Tot Ion: 98 Resp: 459601

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 42.158 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011692.D

Acq: 04 Aug 2019 04:42

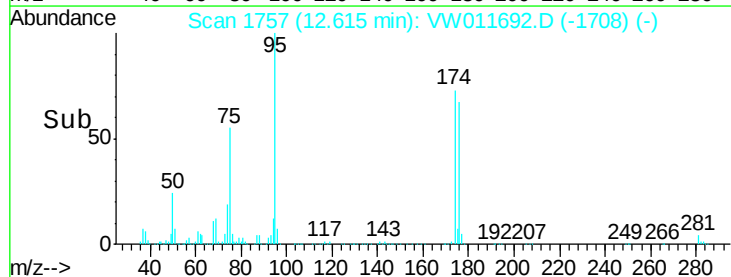
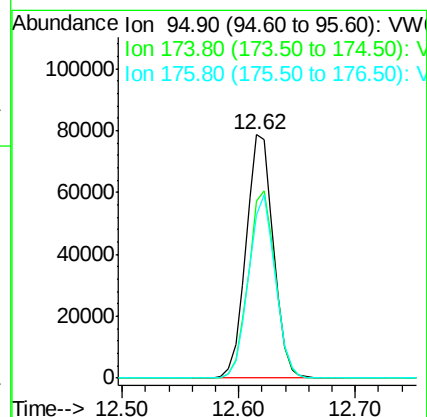
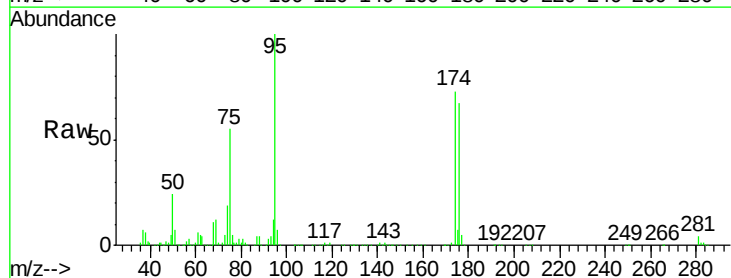
Tgt Ion: 95 Resp: 129056

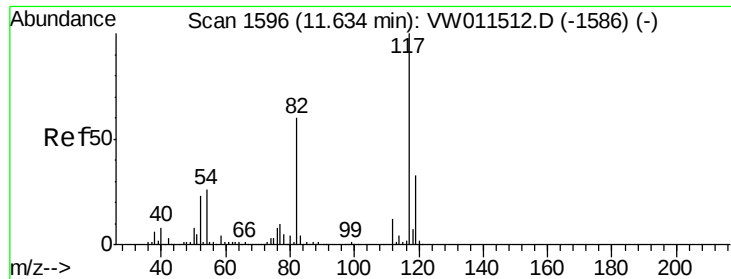
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

176 73.8 0.0 144.4

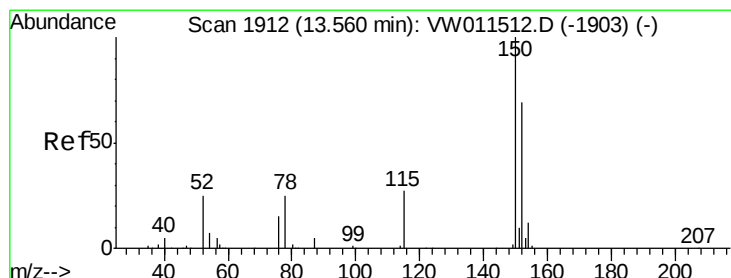
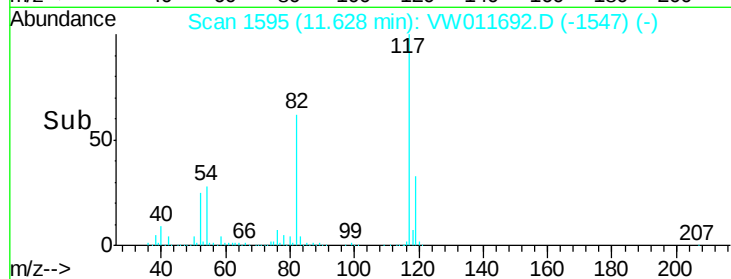
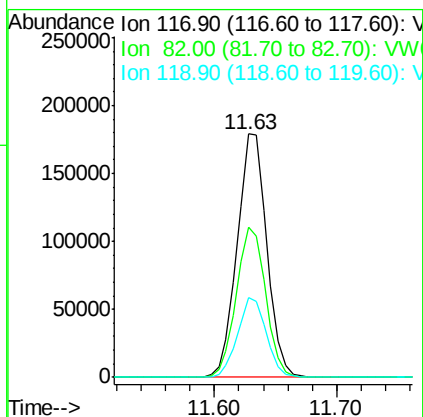
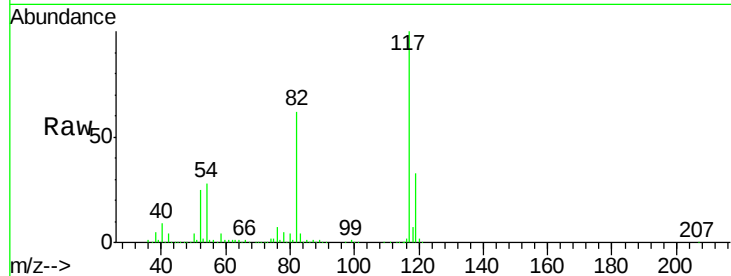




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011692.D
Acq: 04 Aug 2019 04:42

Instrument :
MSVOA_W
ClientSampleId :
2S-E4-(30)

Tot Ion:117 Resp: 300604
Ion Ratio Lower Upper
117 100
82 61.6 47.9 71.9
119 32.6 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: VW011692.D
Acq: 04 Aug 2019 04:42

Tgt Ion:152 Resp: 93115
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 157.9 0.0 352.6

