

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011666.D
 Acq On : 03 Aug 2019 15:22
 Operator : SY/VA
 Sample : K4152-05
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H4-(0-1)

Quant Time: Aug 04 02:11:46 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

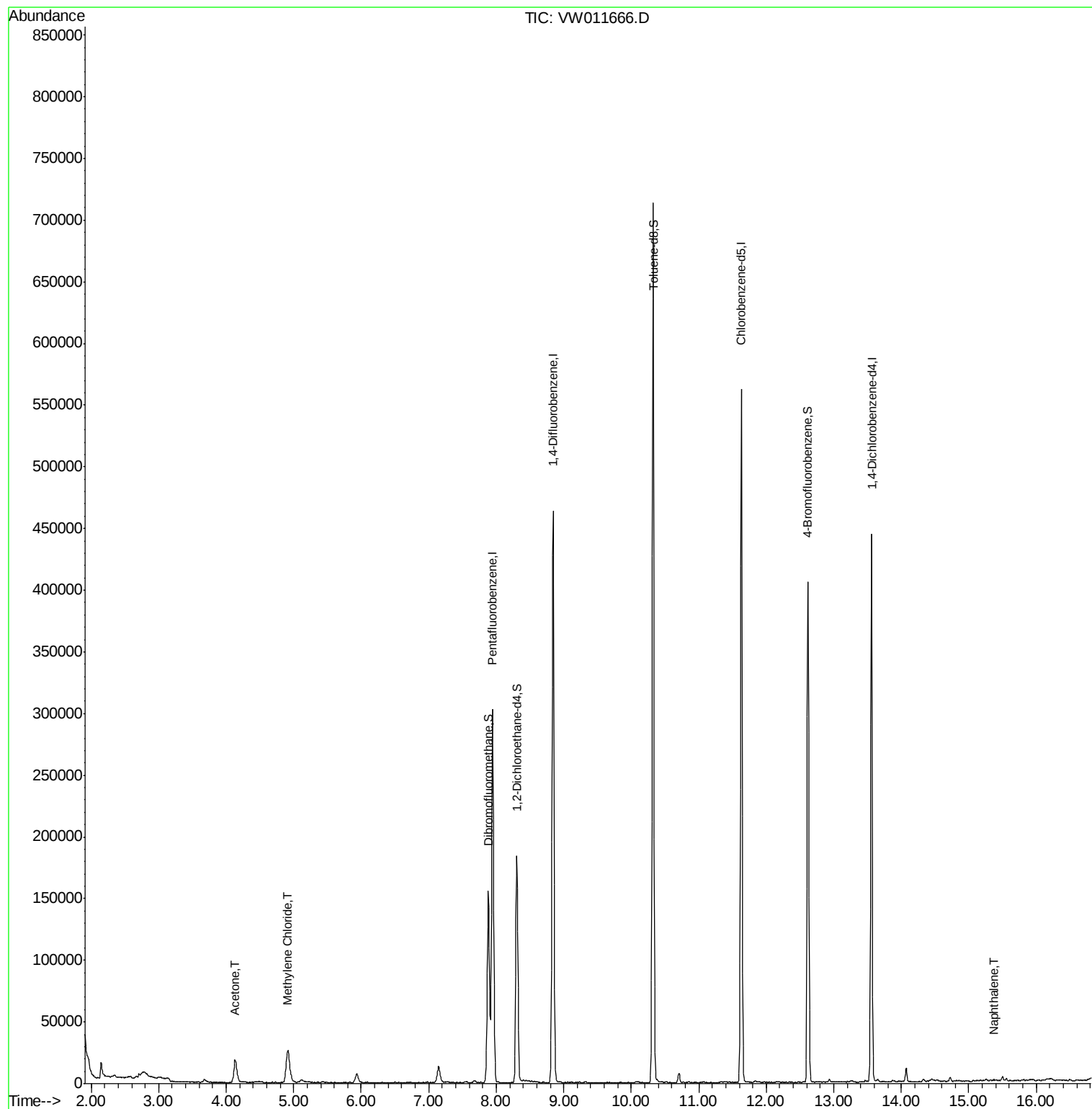
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143767	58.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.04%	
35) Dibromofluoromethane	7.88	113	112104	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
50) Toluene-d8	10.32	98	446824	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	135504	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
Target Compounds						
16) Acetone	4.14	43	37631	48.150	ug/l	98
20) Methylene Chloride	4.92	84	21438	7.954	ug/l	95
95) Naphthalene	15.37	128	394	2.154	ug/l #	85

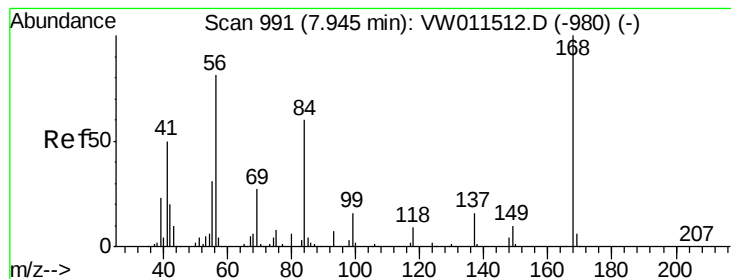
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011666.D

Acq: 03 Aug 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

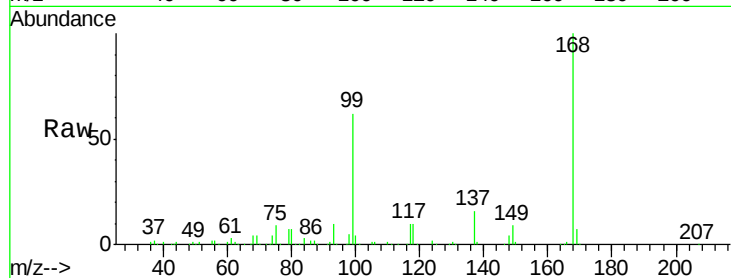
2S-H4-(0-1)

Tot Ion:168 Resp: 213964

Ion Ratio Lower Upper

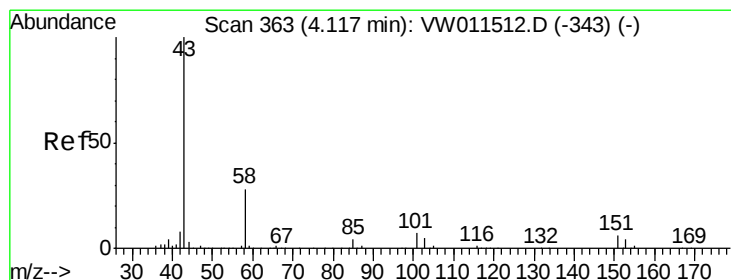
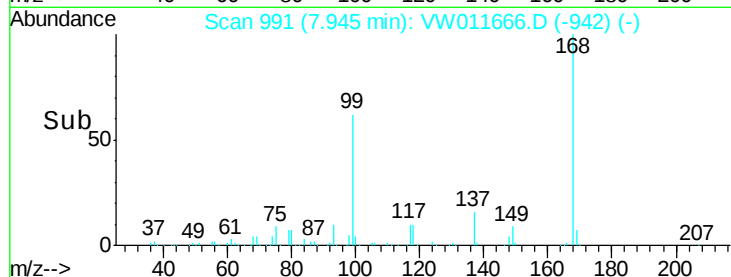
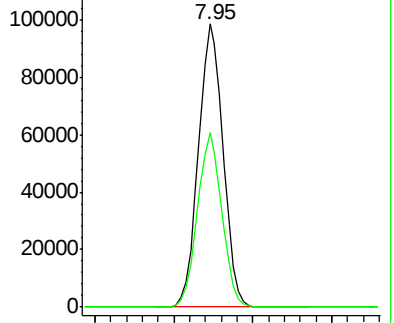
168 100

99 61.8 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: 48.150 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011666.D

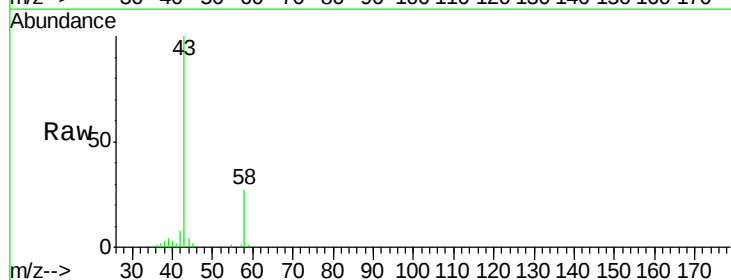
Acq: 03 Aug 2019 15:22

Tgt Ion: 43 Resp: 37631

Ion Ratio Lower Upper

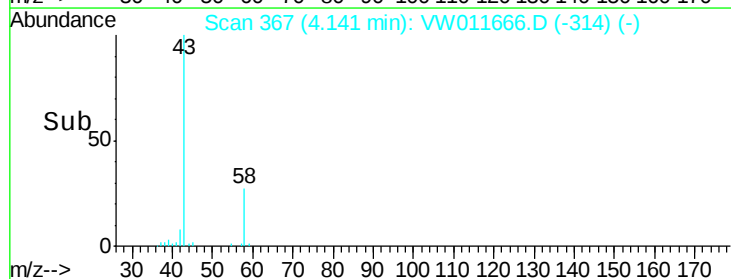
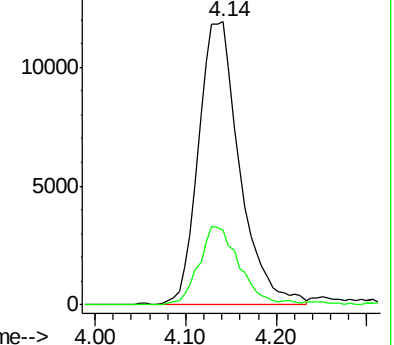
43 100

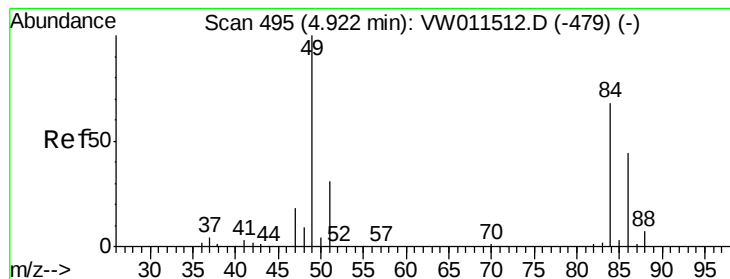
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 7.954 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011666.D

Acq: 03 Aug 2019 15:22

Instrument :

MSVOA_W

ClientSampled :

2S-H4-(0-1)

Tot Ion: 84 Resp: 21438

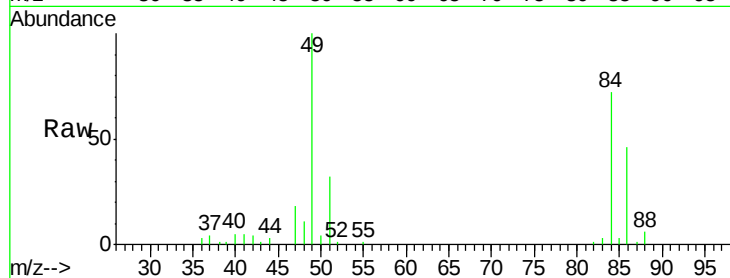
Ion Ratio Lower Upper

84 100

49 138.4 117.8 176.6

51 44.7 37.0 55.4

86 63.1 51.8 77.8

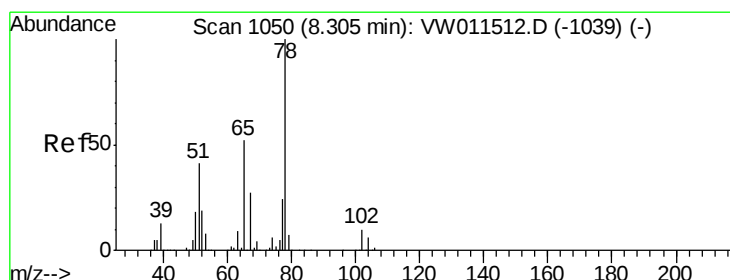
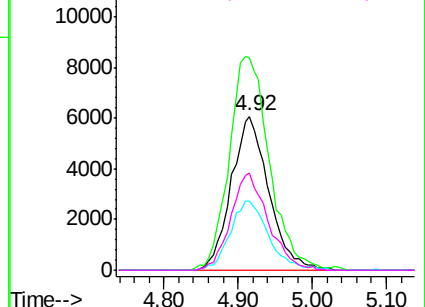
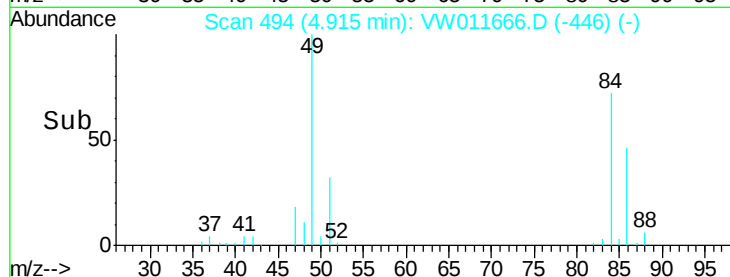


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 58.516 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011666.D

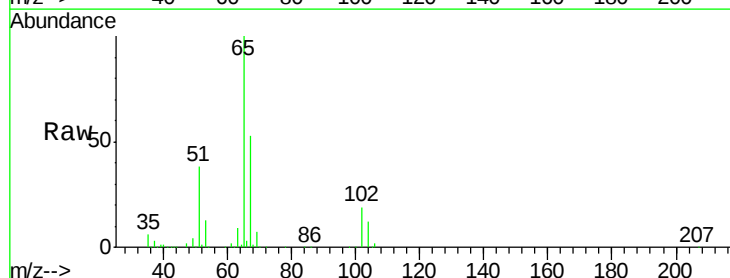
Acq: 03 Aug 2019 15:22

Tgt Ion: 65 Resp: 143767

Ion Ratio Lower Upper

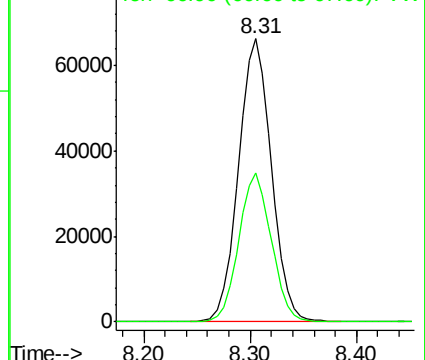
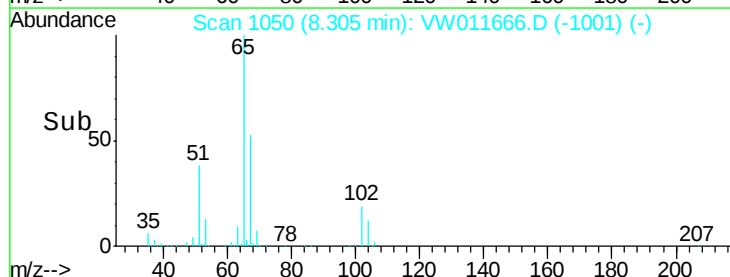
65 100

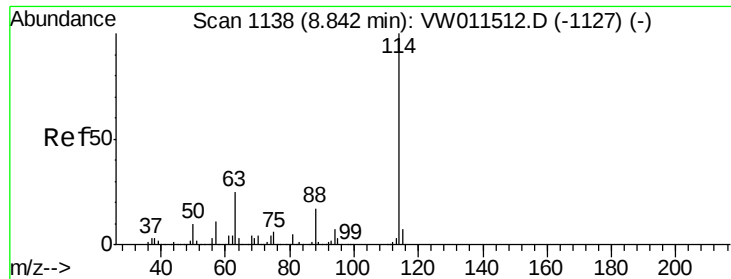
67 51.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

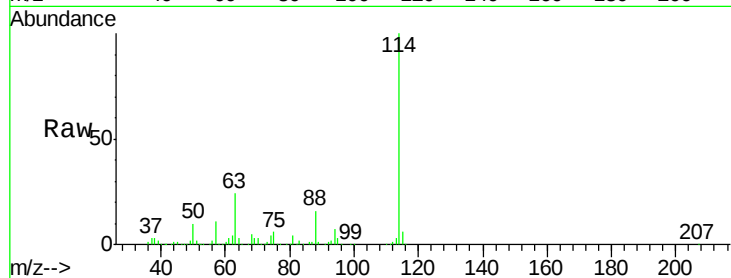




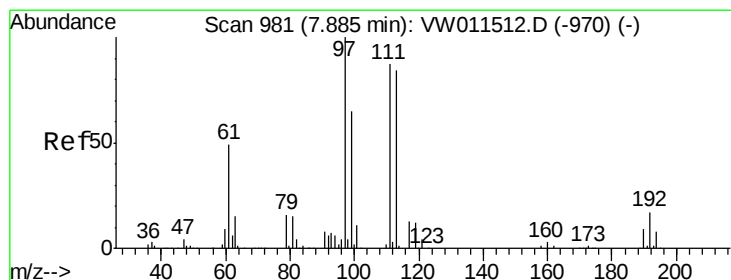
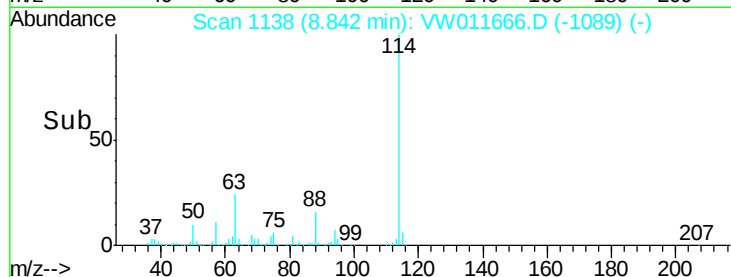
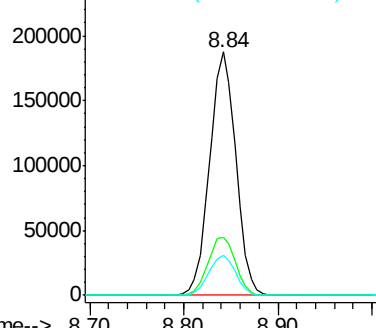
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011666.D
 Acq: 03 Aug 2019 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-H4-(0-1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	16.4	0.0	33.8

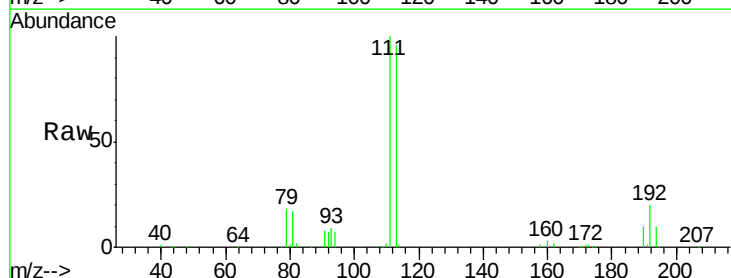


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

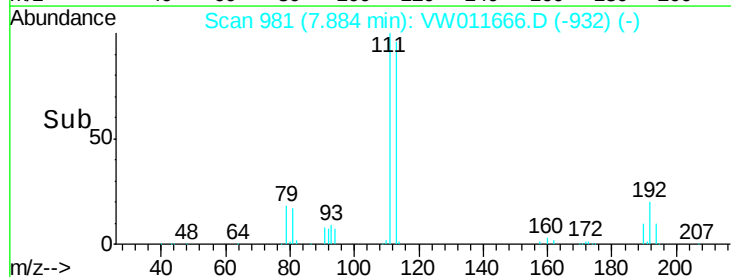
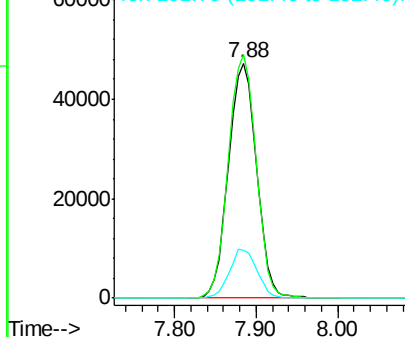


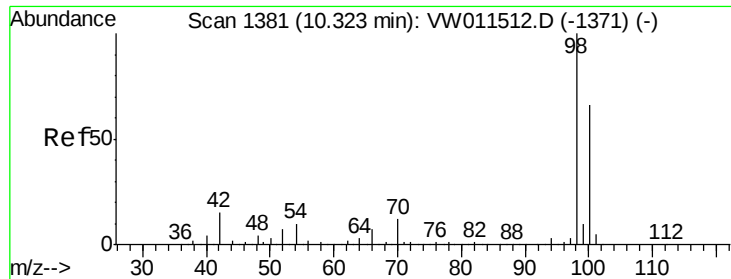
#35
 Dibromofluoromethane
 Concen: 54.826 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011666.D
 Acq: 03 Aug 2019 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.2	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: 53.373 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011666.D

Acq: 03 Aug 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

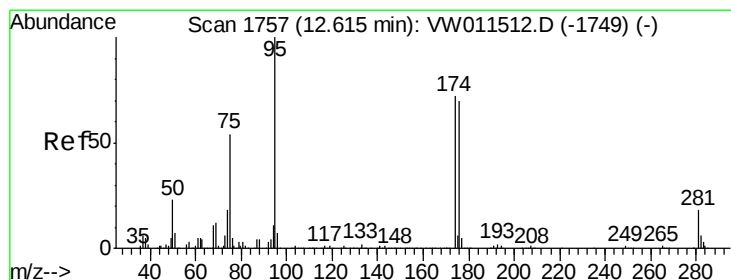
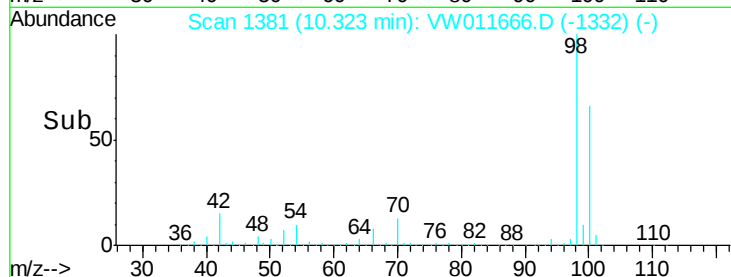
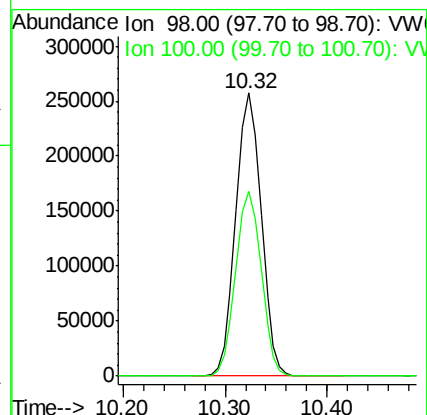
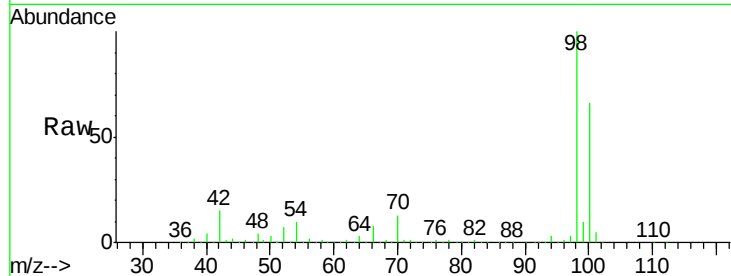
2S-H4-(0-1)

Tot Ion: 98 Resp: 446824

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.399 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011666.D

Acq: 03 Aug 2019 15:22

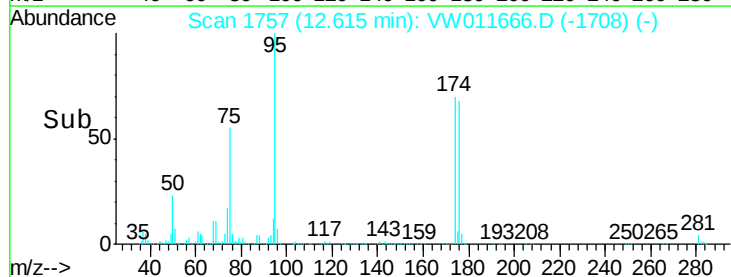
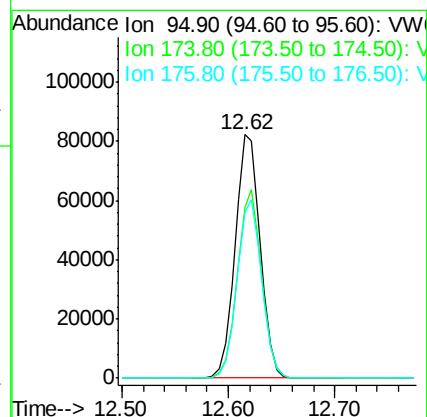
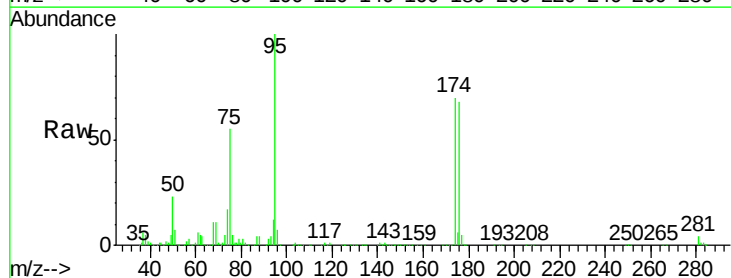
Tgt Ion: 95 Resp: 135504

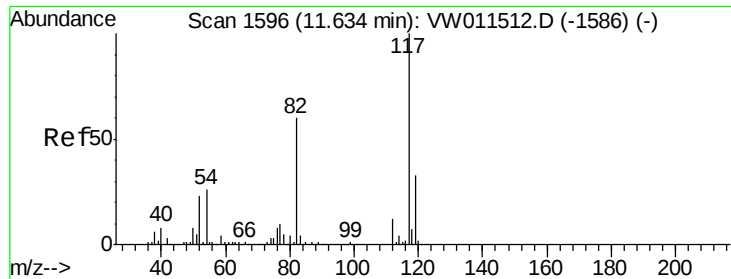
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 72.0 0.0 144.4

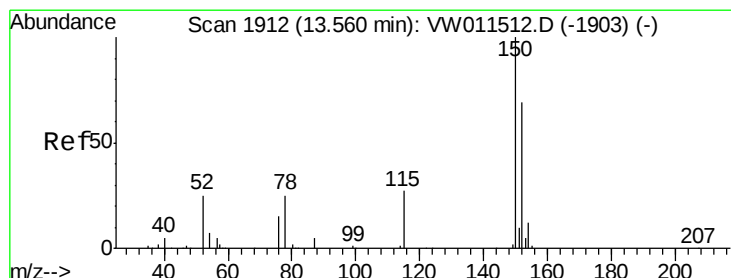
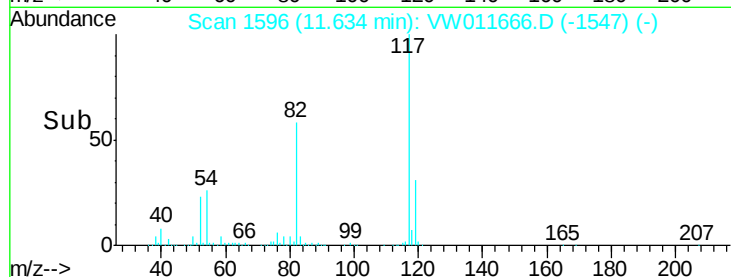
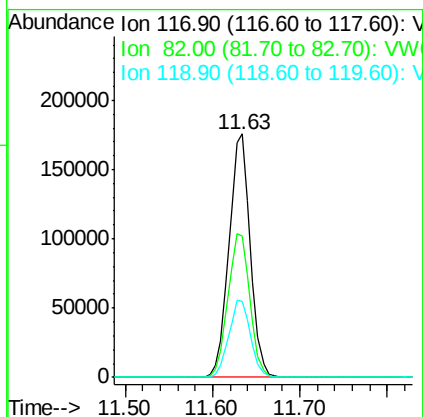
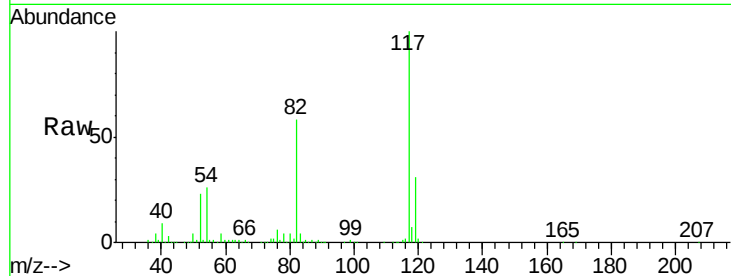




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011666.D
Acq: 03 Aug 2019 15:22

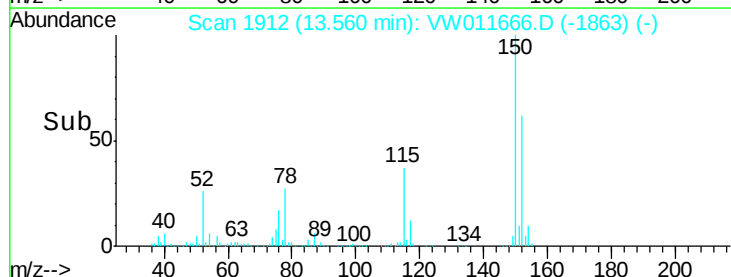
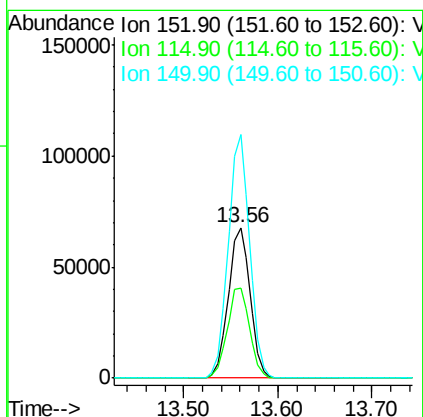
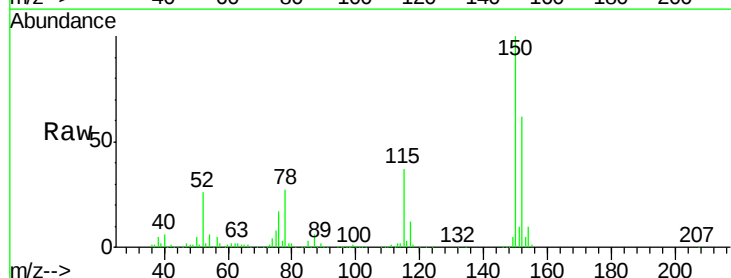
Instrument :
MSVOA_W
ClientSampleId :
2S-H4-(0-1)

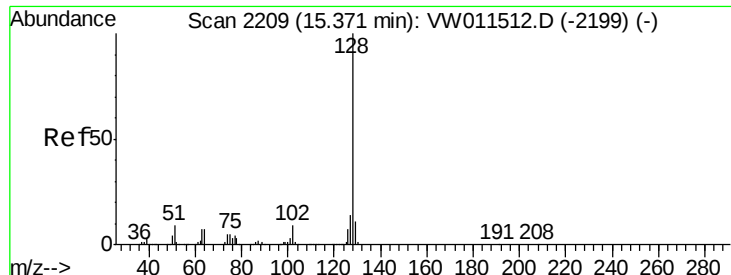
Tot Ion:117 Resp: 296232
Ion Ratio Lower Upper
117 100
82 57.7 47.9 71.9
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011666.D
Acq: 03 Aug 2019 15:22

Tgt Ion:152 Resp: 108409
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 158.7 0.0 352.6





#95

Naphthalene

Concen: 2.154 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011666.D

Acq: 03 Aug 2019 15:22

Instrument :

MSVOA_W

ClientSampleId :

2S-H4-(0-1)

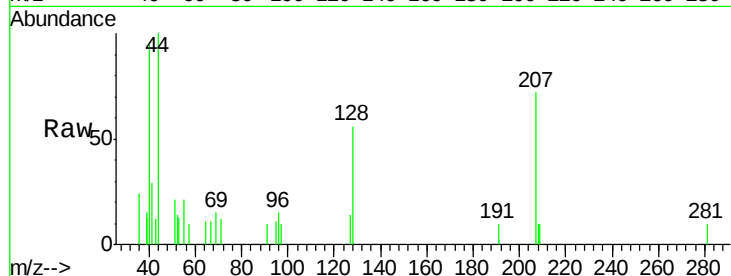
Tot Ion:128 Resp: 394

Ion Ratio Lower Upper

128 100

127 11.7 10.6 16.0

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

