

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011878.D
 Acq On : 13 Aug 2019 04:11
 Operator : SY/VA
 Sample : K4230-06
 Misc : 4.47G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D3-(0)

Quant Time: Aug 13 09:58:14 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

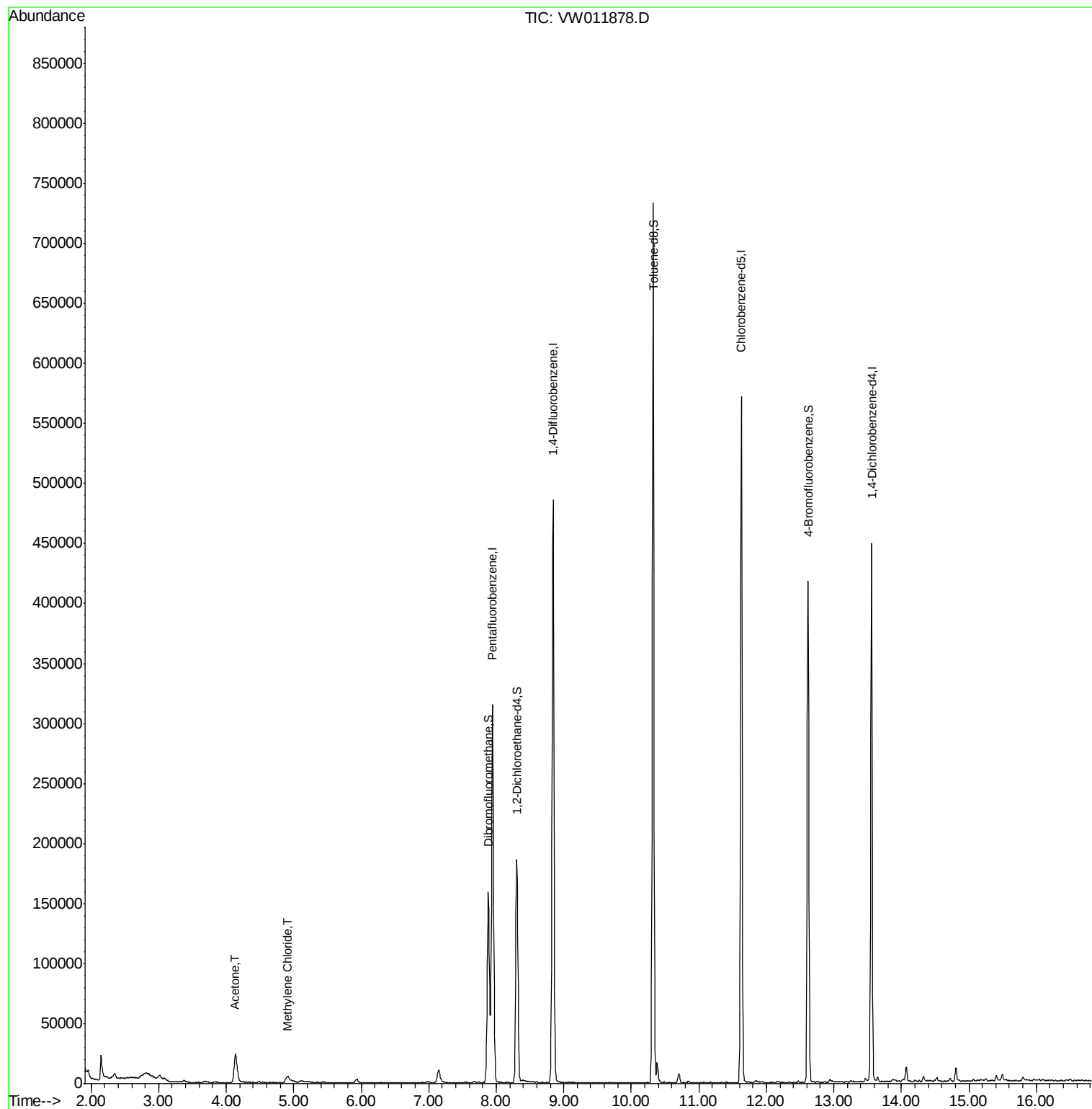
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	372601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148926	58.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.00%	
35) Dibromofluoromethane	7.88	113	116191	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
50) Toluene-d8	10.32	98	454853	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.62	95	134715	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
Target Compounds						
16) Acetone	4.14	43	50467	61.791	ug/l	99
20) Methylene Chloride	4.91	84	3816	1.355	ug/l	96

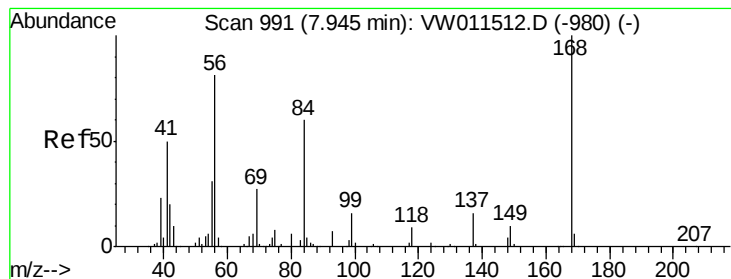
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011878.D

Acq: 13 Aug 2019 04:11

Instrument :

MSVOA_W

ClientSampleId :

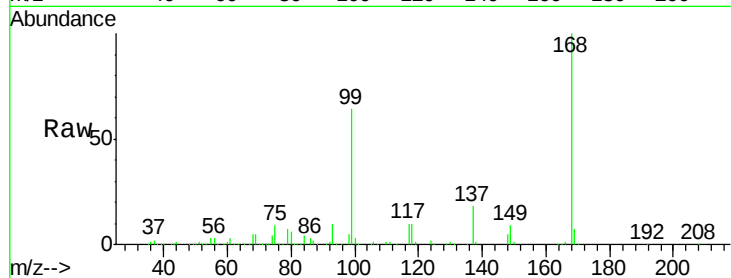
2S-D3-(0)

Tot Ion:168 Resp: 223602

Ion Ratio Lower Upper

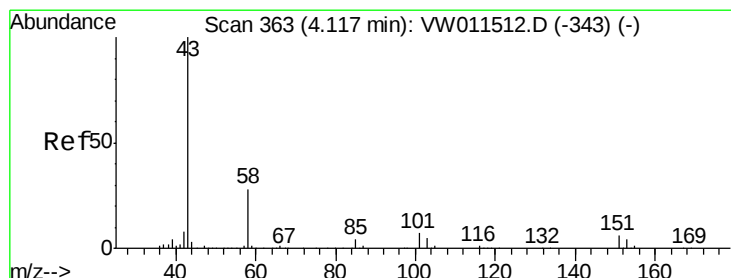
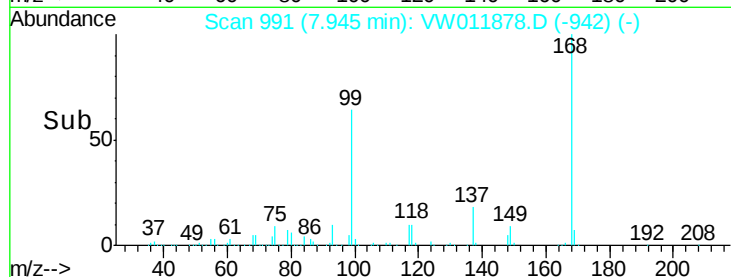
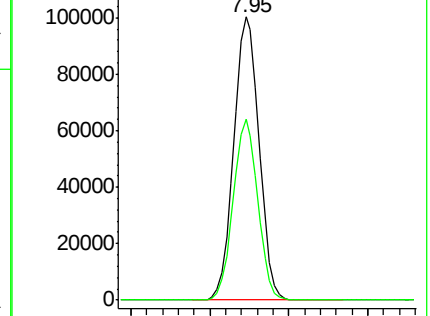
168 100

99 63.8 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: 61.791 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011878.D

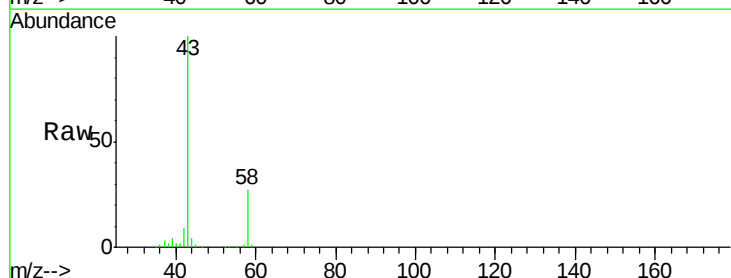
Acq: 13 Aug 2019 04:11

Tgt Ion: 43 Resp: 50467

Ion Ratio Lower Upper

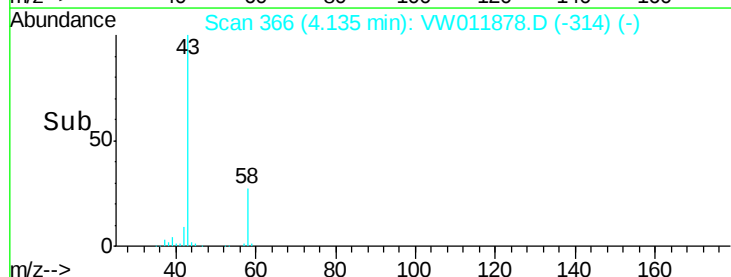
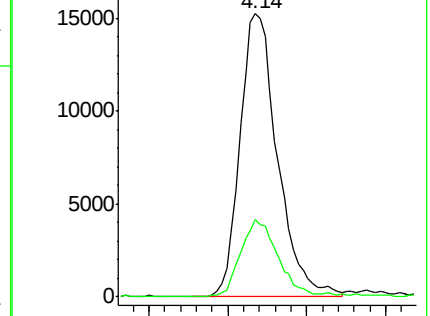
43 100

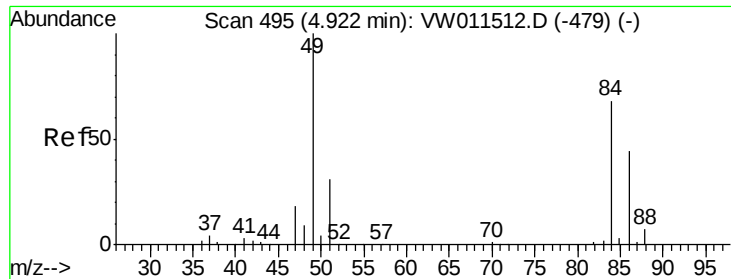
58 27.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

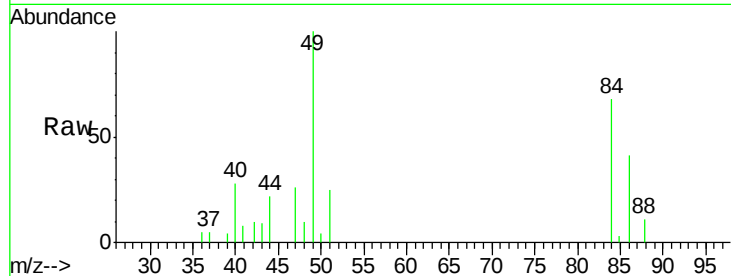




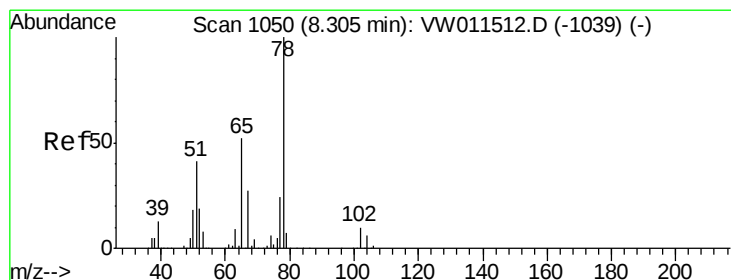
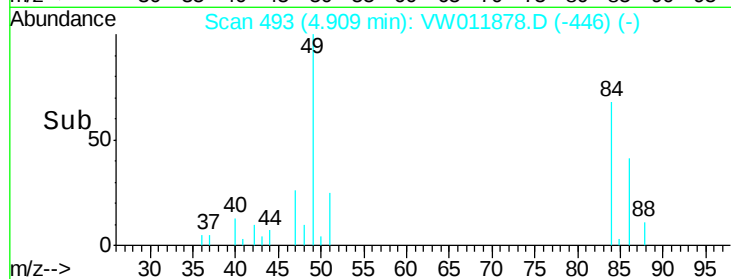
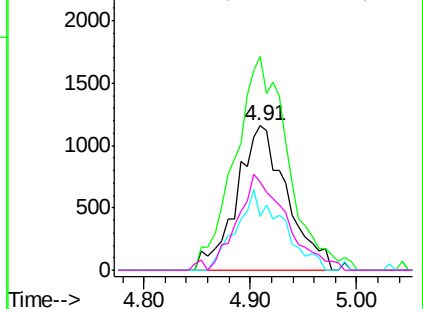
#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011878.D
Acq: 13 Aug 2019 04:11

Instrument :
MSVOA_W
ClientSampled :
2S-D3-(0)

Tot Ion: 84 Resp: 3816
Ion Ratio Lower Upper
84 100
49 148.1 117.8 176.6
51 37.3 37.0 55.4
86 61.0 51.8 77.8

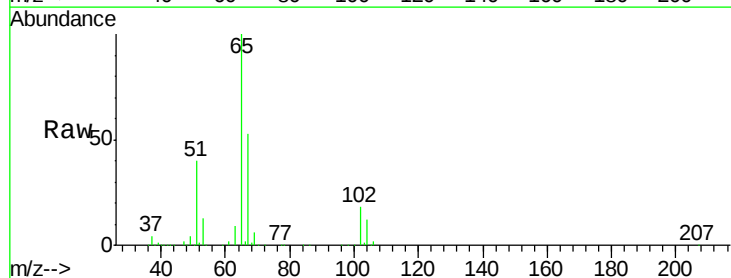


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

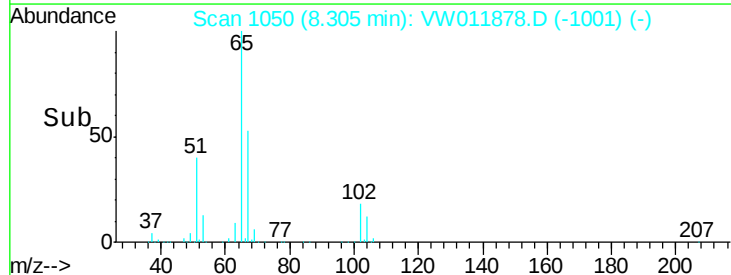
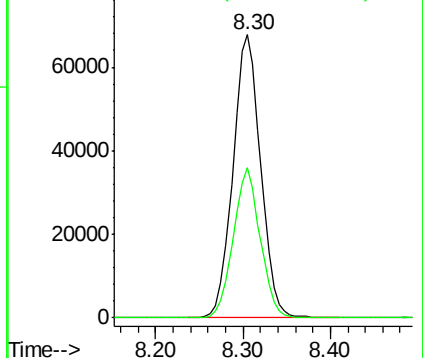


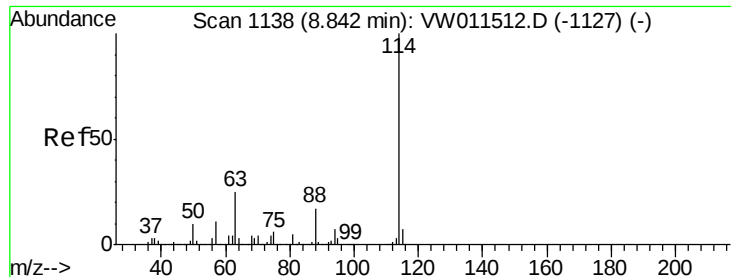
#33
1,2-Dichloroethane-d4
Concen: 58.003 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011878.D
Acq: 13 Aug 2019 04:11

Tgt Ion: 65 Resp: 148926
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

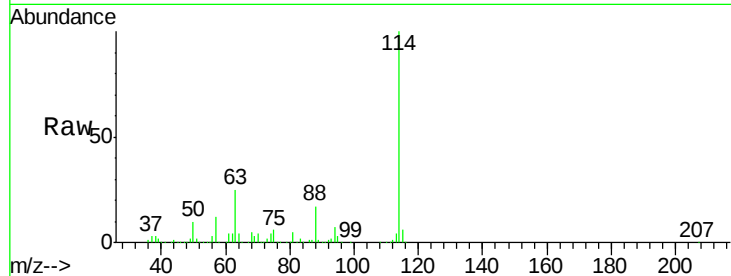




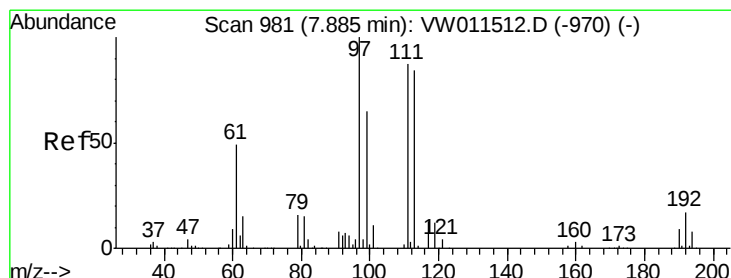
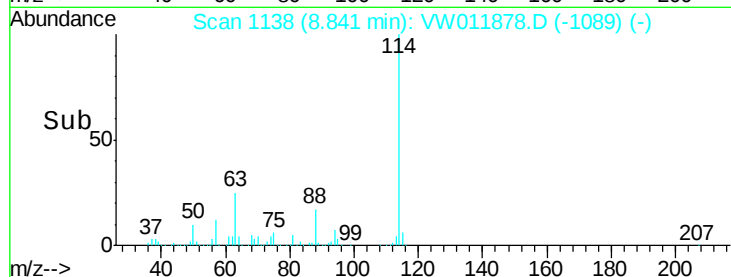
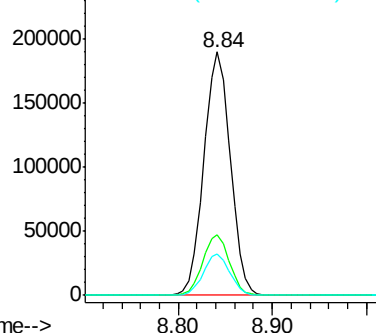
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011878.D
 Acq: 13 Aug 2019 04:11

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D3-(0)

Tot Ion:114 Resp: 372601
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.1 0.0 33.8

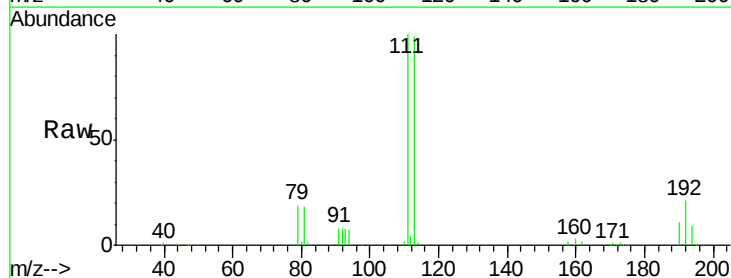


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

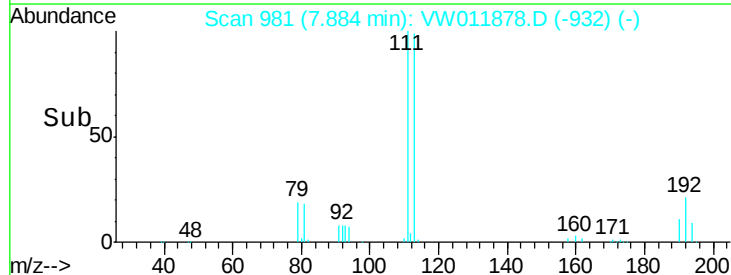
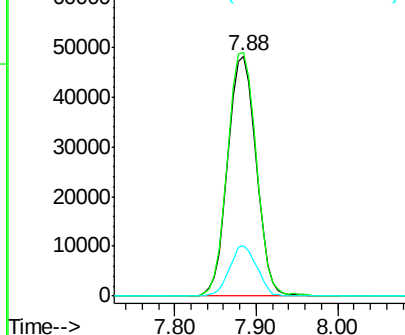


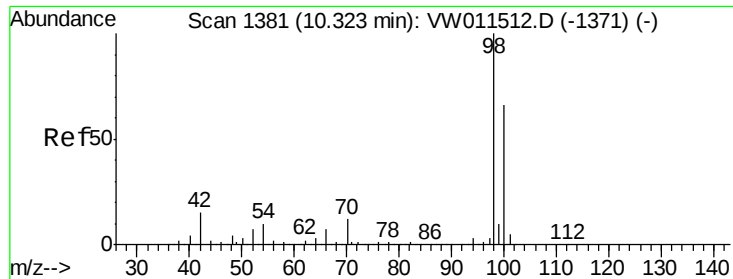
#35
 Dibromofluoromethane
 Concen: 55.584 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011878.D
 Acq: 13 Aug 2019 04:11

Tgt Ion:113 Resp: 116191
 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: 53.146 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011878.D

Acq: 13 Aug 2019 04:11

Instrument :

MSVOA_W

ClientSampleId :

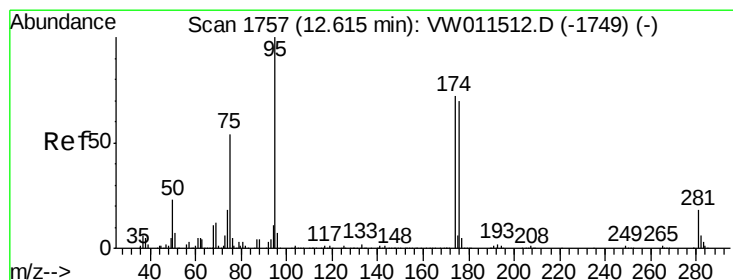
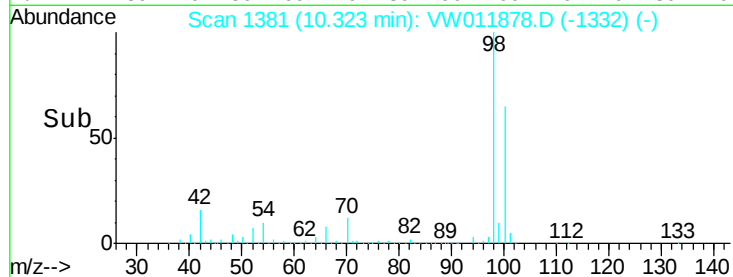
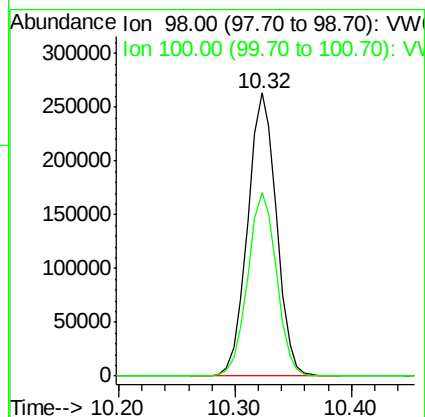
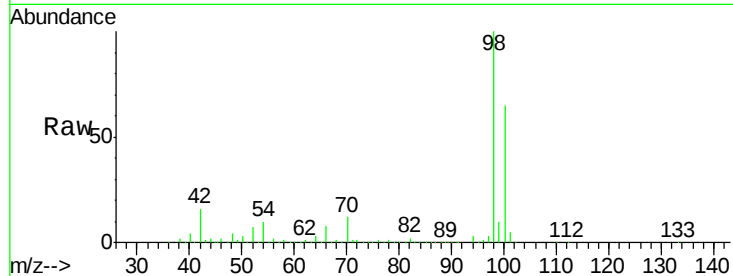
2S-D3-(0)

Tot Ion: 98 Resp: 454853

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 44.150 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011878.D

Acq: 13 Aug 2019 04:11

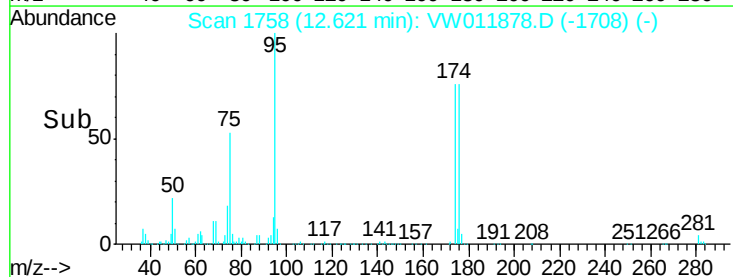
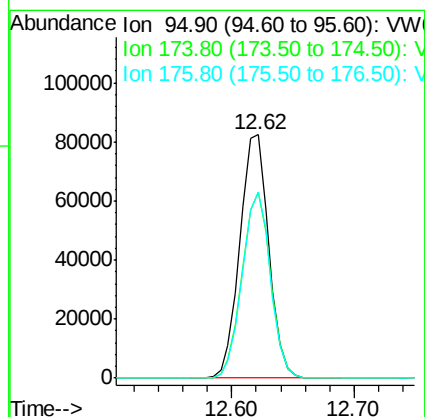
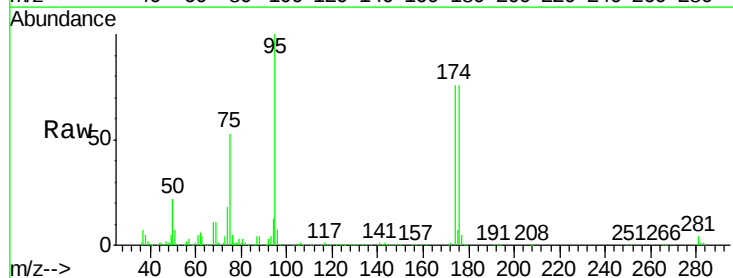
Tgt Ion: 95 Resp: 134715

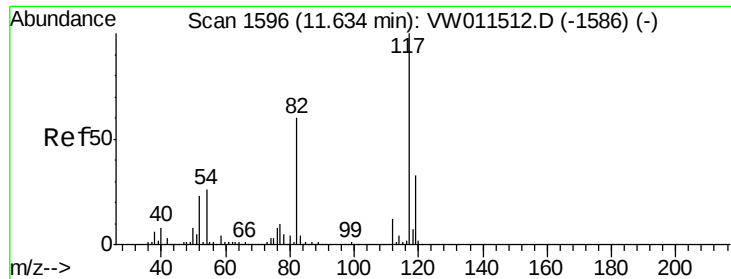
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 74.5 0.0 144.4

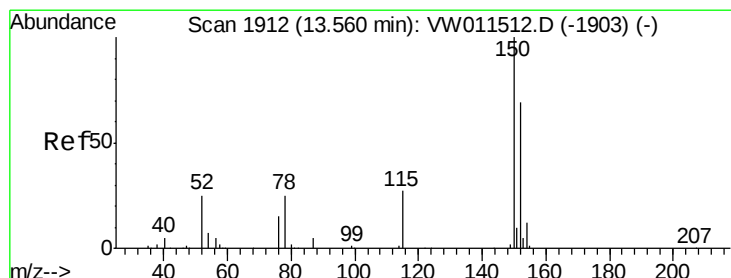
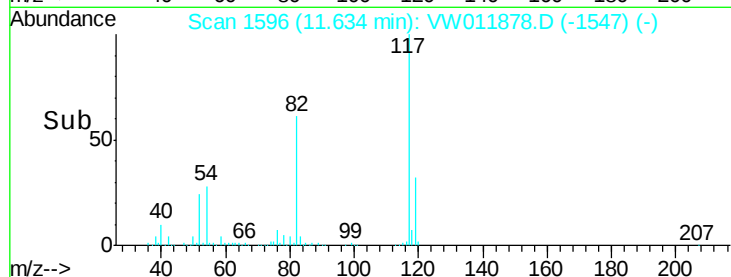
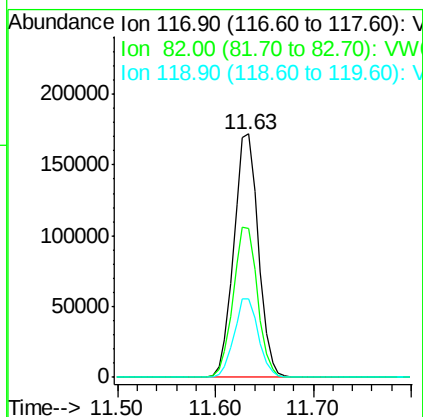
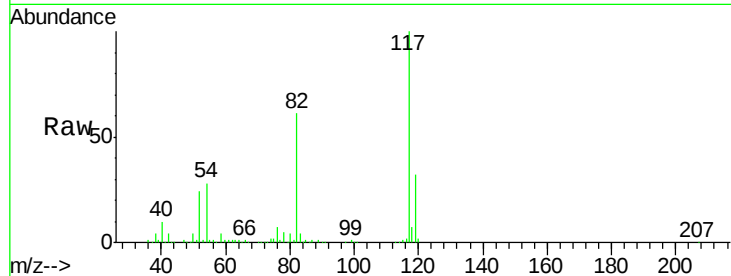




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011878.D
Acq: 13 Aug 2019 04:11

Instrument :
MSVOA_W
ClientSampleId :
2S-D3-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	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: VW011878.D
Acq: 13 Aug 2019 04:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.5	91.5
150	156.5	0.0	352.6

