

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011982.D
 Acq On : 19 Aug 2019 11:14
 Operator : SY/VA
 Sample : K4385-02
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(0)

Quant Time: Aug 19 11:56:29 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

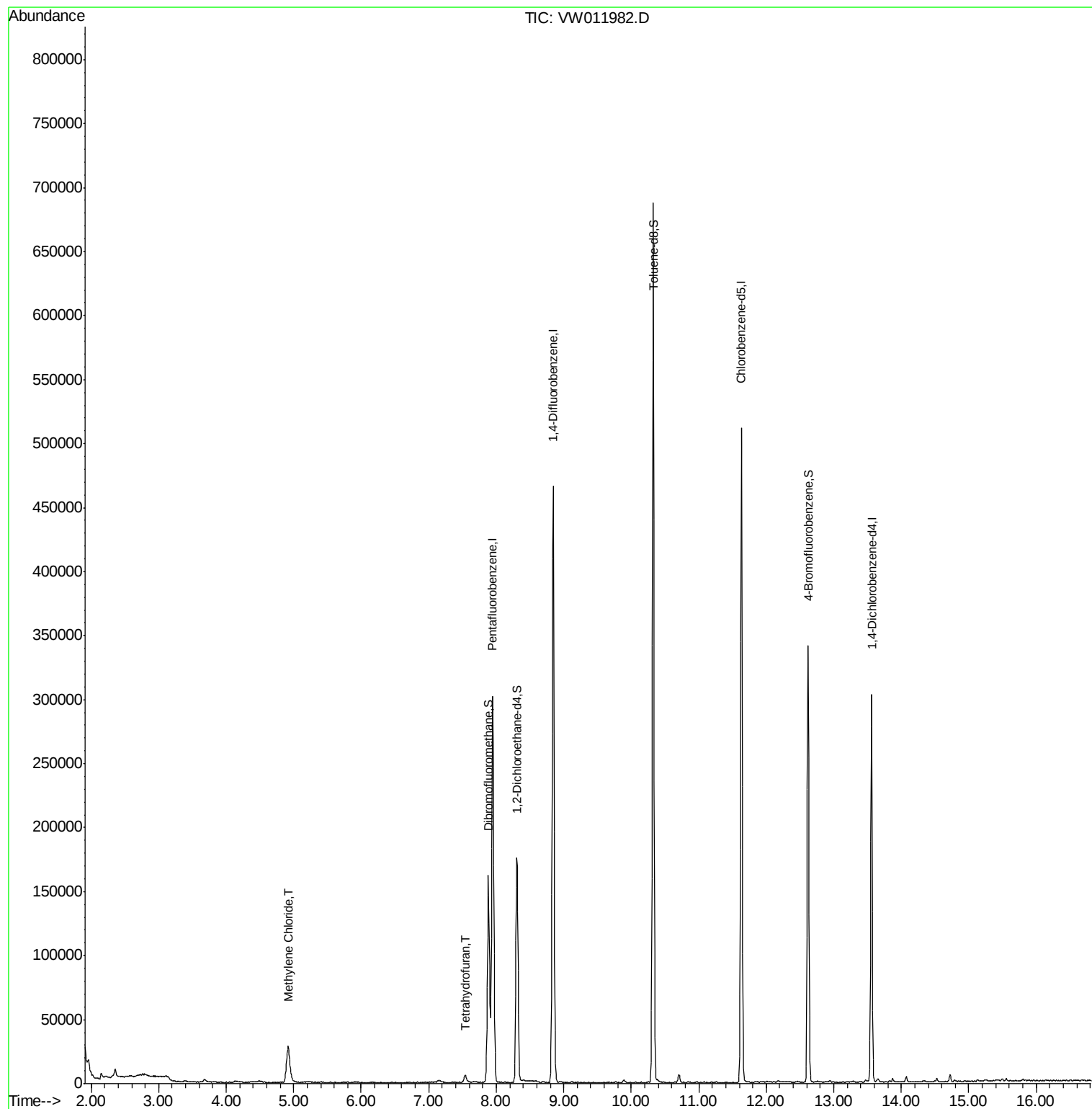
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139170	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.88	113	114690	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
50) Toluene-d8	10.32	98	433790	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	111747	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	22157	7.880	ug/l	98
29) Tetrahydrofuran	7.54	42	5474	8.977	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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: VW011982.D

Acq: 19 Aug 2019 11:14

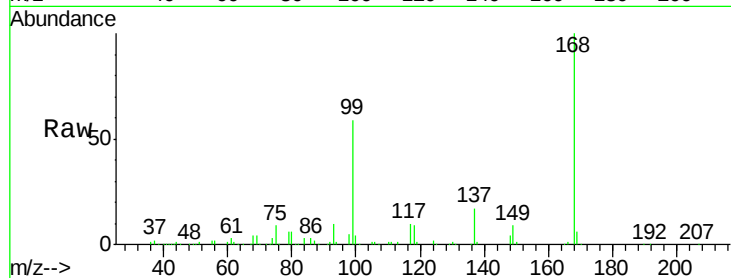
Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(0)

Tot Ion:168 Resp: 223205

Ion Ratio Lower Upper

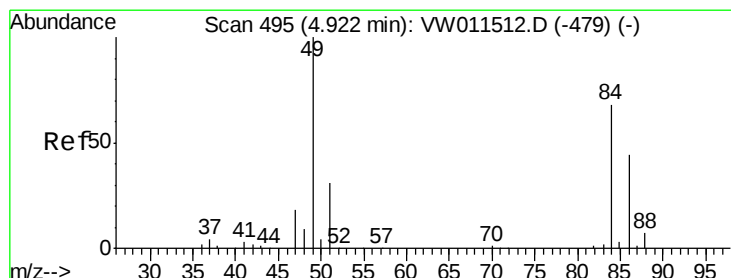
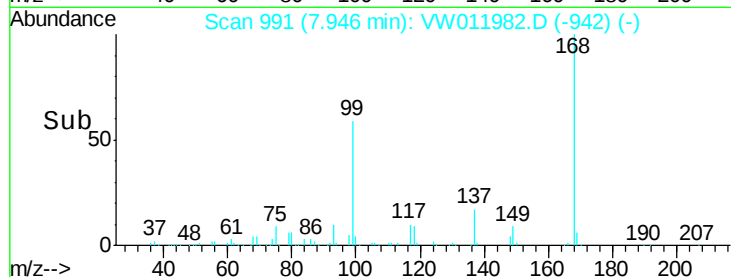
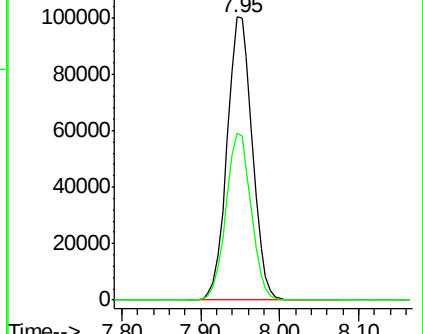
168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VV



#20

Methylene Chloride

Concen: 7.880 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011982.D

Acq: 19 Aug 2019 11:14

Tgt Ion: 84 Resp: 22157

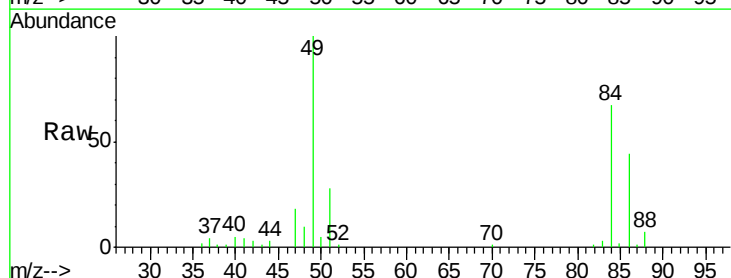
Ion Ratio Lower Upper

84 100

49 148.1 117.8 176.6

51 41.9 37.0 55.4

86 66.2 51.8 77.8

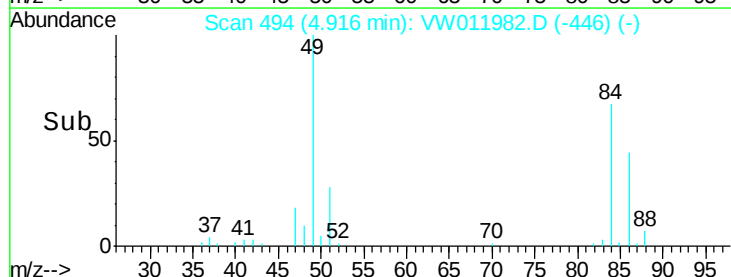
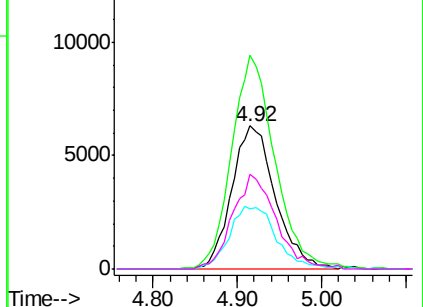


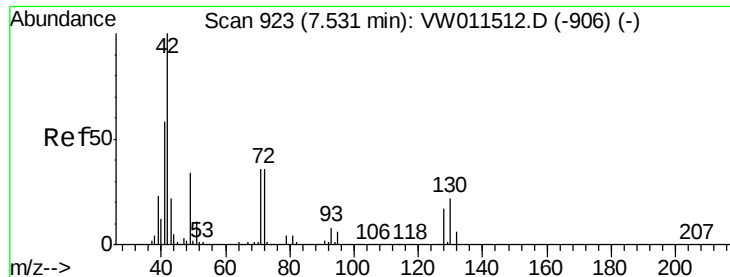
Abundance Ion 83.90 (83.60 to 84.60): VV

Ion 48.90 (48.60 to 49.60): VV

Ion 50.90 (50.60 to 51.60): VV

Ion 85.90 (85.60 to 86.60): VV

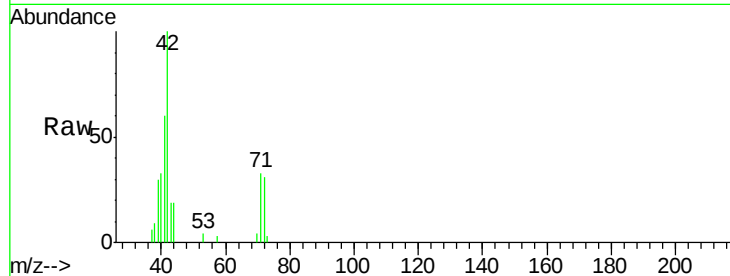




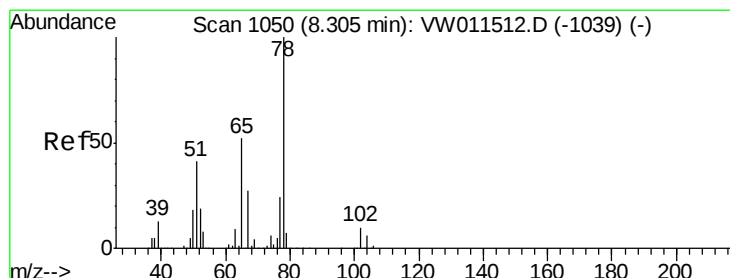
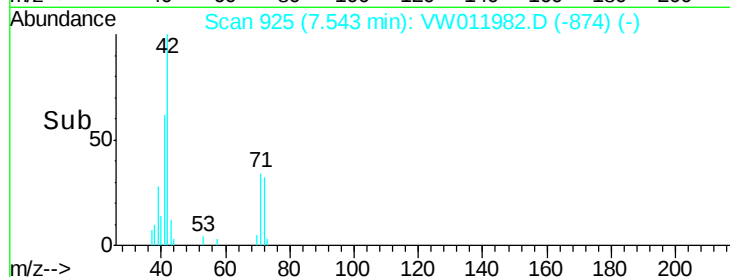
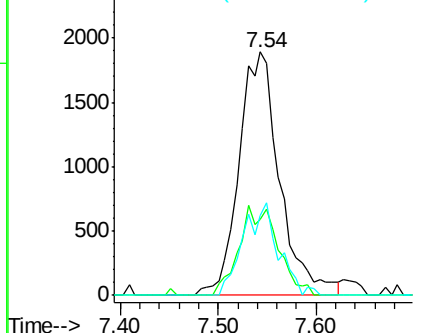
#29
Tetrahydrofuran
Concen: 8.977 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011982.D
Acq: 19 Aug 2019 11:14

Instrument :
MSVOA_W
ClientSampled :
T8-A1-(0)

Tot Ion: 42 Resp: 5474
Ion Ratio Lower Upper
42 100
72 35.0 27.1 40.7
71 33.0 26.2 39.4

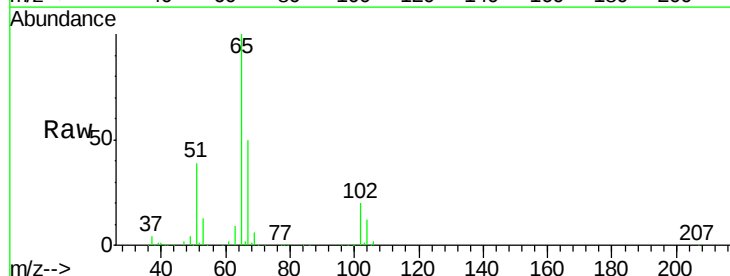


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

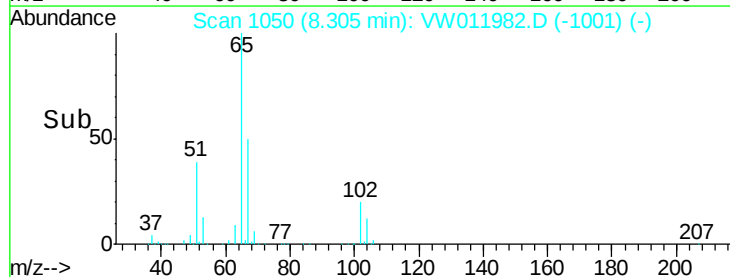
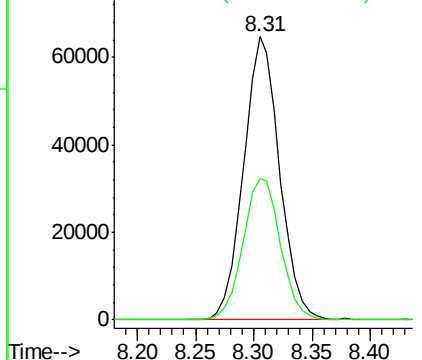


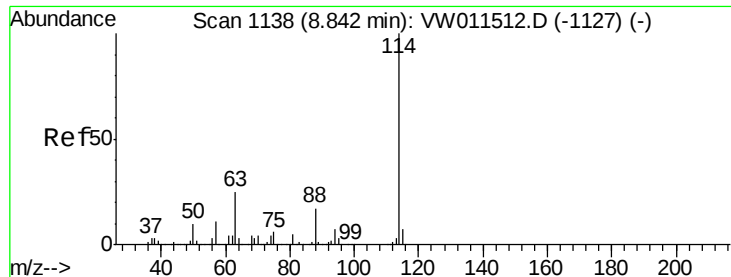
#33
1,2-Dichloroethane-d4
Concen: 54.299 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011982.D
Acq: 19 Aug 2019 11:14

Tgt Ion: 65 Resp: 139170
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

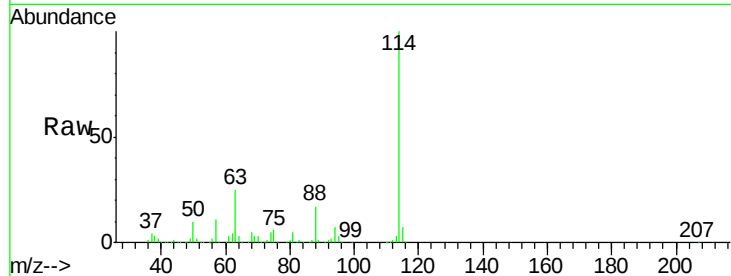




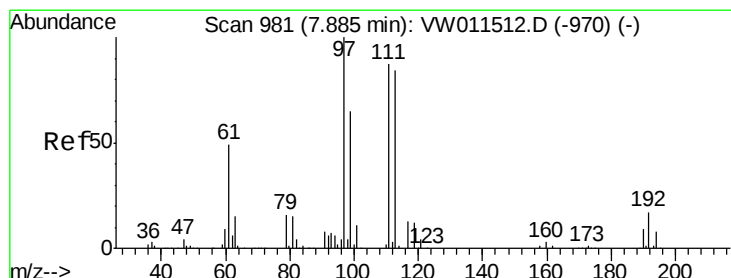
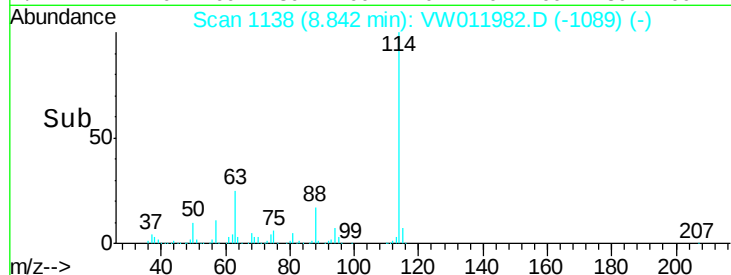
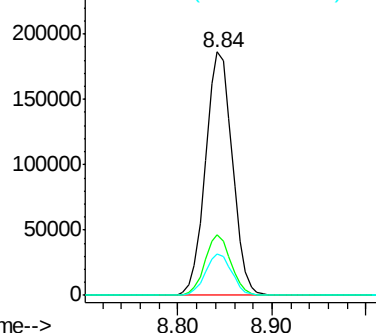
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011982.D
 Acq: 19 Aug 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A1-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.1	0.0	33.8

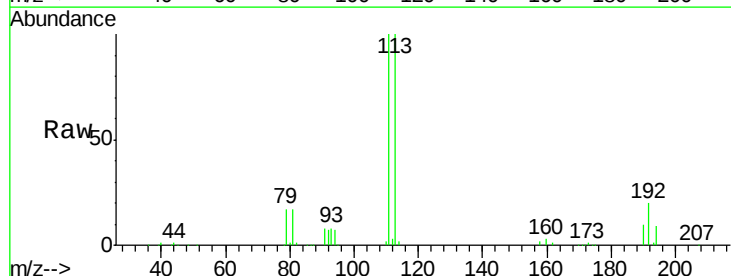


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

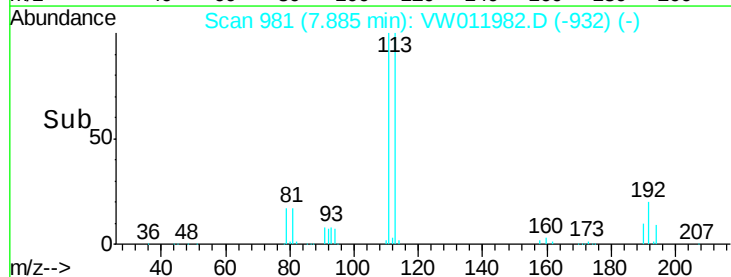
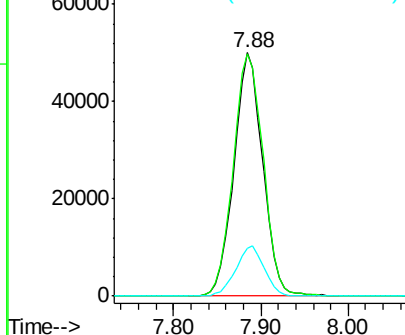


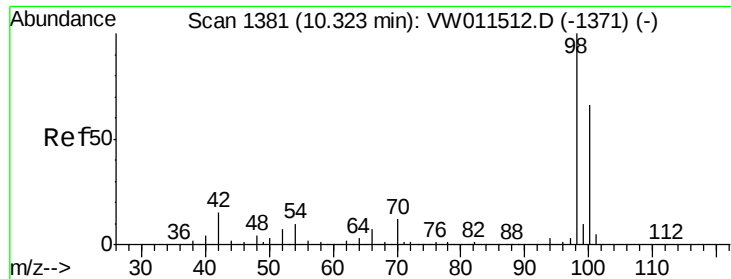
#35
 Dibromofluoromethane
 Concen: 55.263 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011982.D
 Acq: 19 Aug 2019 11:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	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: 51.052 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011982.D

Acq: 19 Aug 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

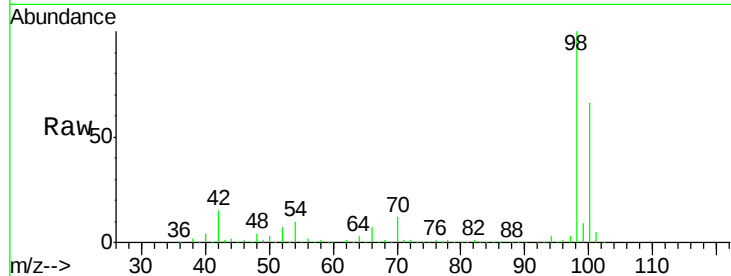
T8-A1-(0)

Tot Ion: 98 Resp: 433790

Ion Ratio Lower Upper

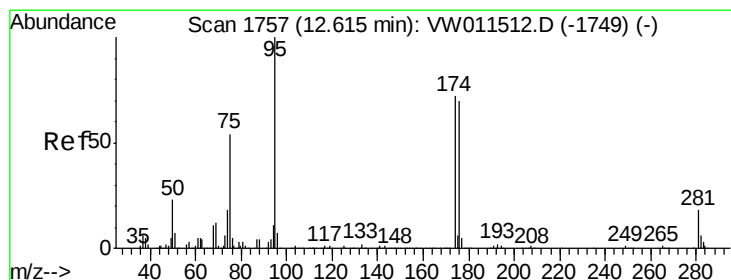
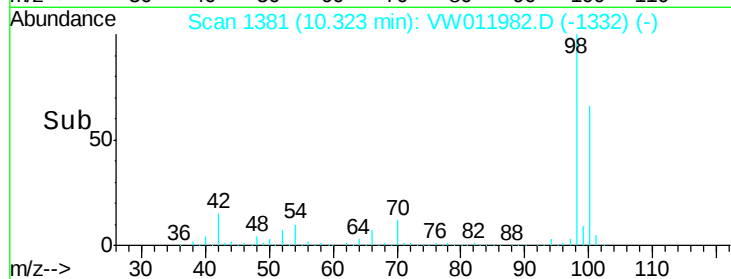
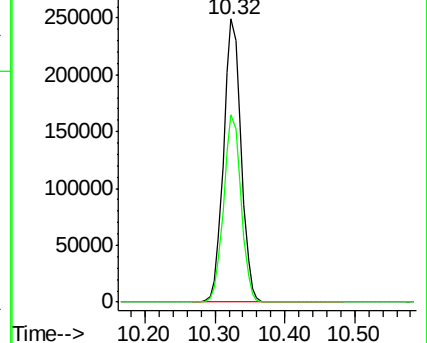
98 100

100 65.8 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: 36.888 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011982.D

Acq: 19 Aug 2019 11:14

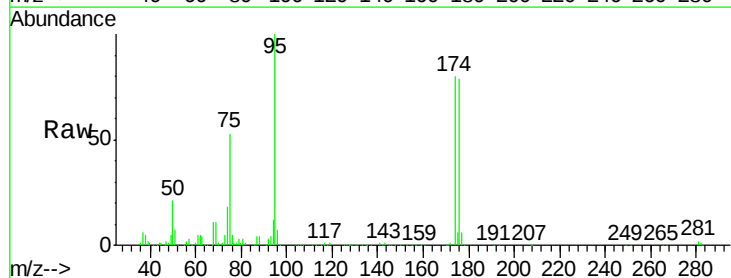
Tgt Ion: 95 Resp: 111747

Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.2

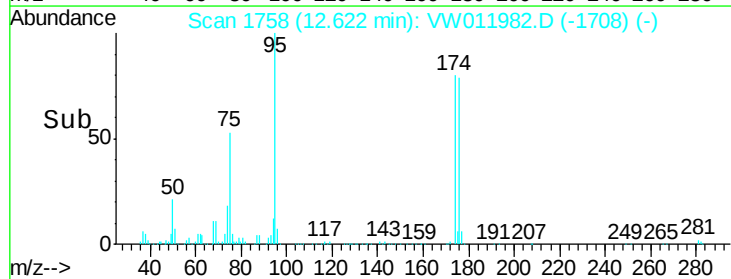
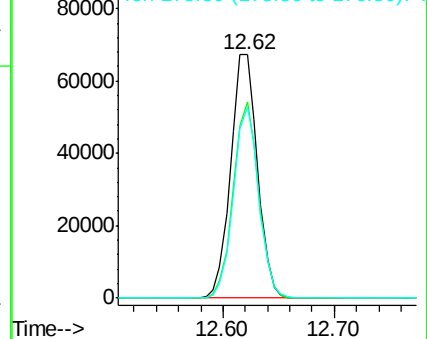
176 74.4 0.0 144.4

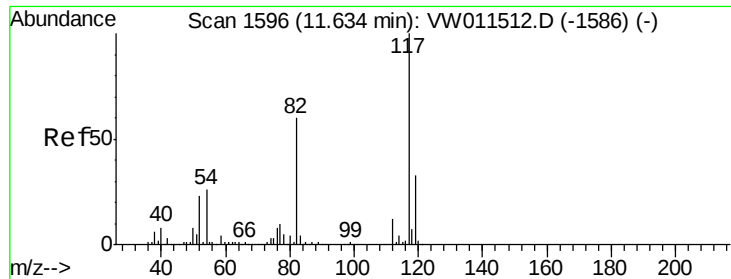


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

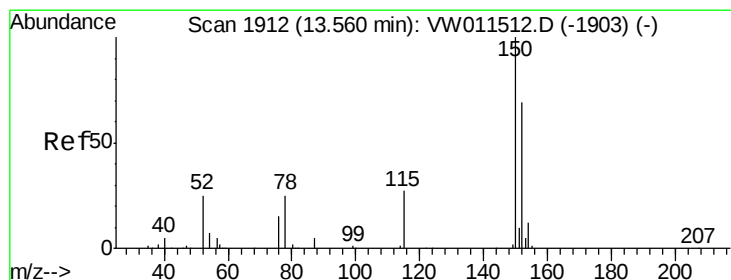
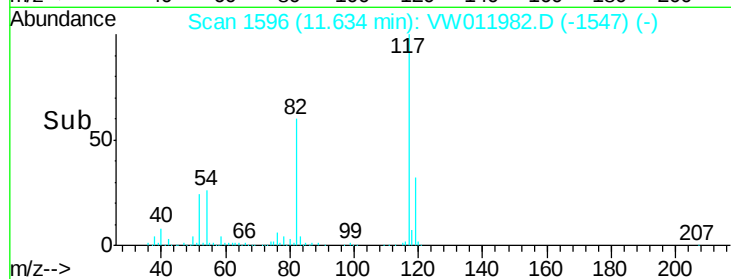
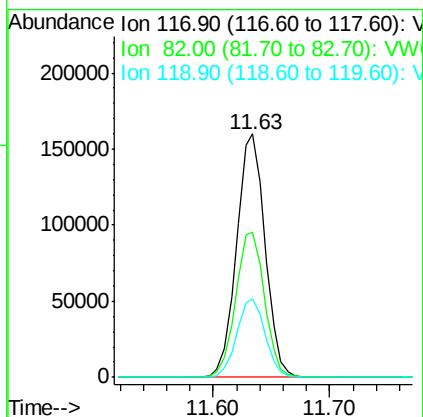
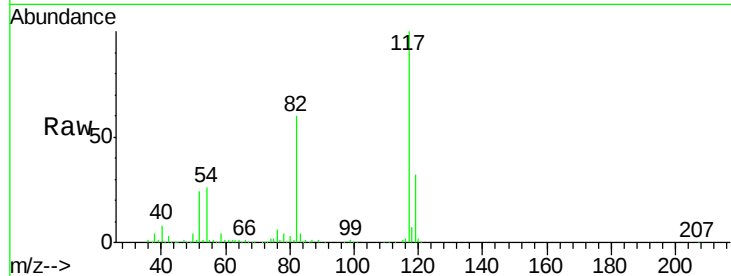




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011982.D
Acq: 19 Aug 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
T8-A1-(0)

Tot Ion:117 Resp: 272516
Ion Ratio Lower Upper
117 100
82 59.5 47.9 71.9
119 32.0 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: VW011982.D
Acq: 19 Aug 2019 11:14

Tgt Ion:152 Resp: 75963
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 157.7 0.0 352.6

