

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012613.D
 Acq On : 05 Sep 2019 02:42
 Operator : SY/VA
 Sample : K4547-02
 Misc : 4.36G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T3-S-D-(0)

Quant Time: Sep 05 07:40:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

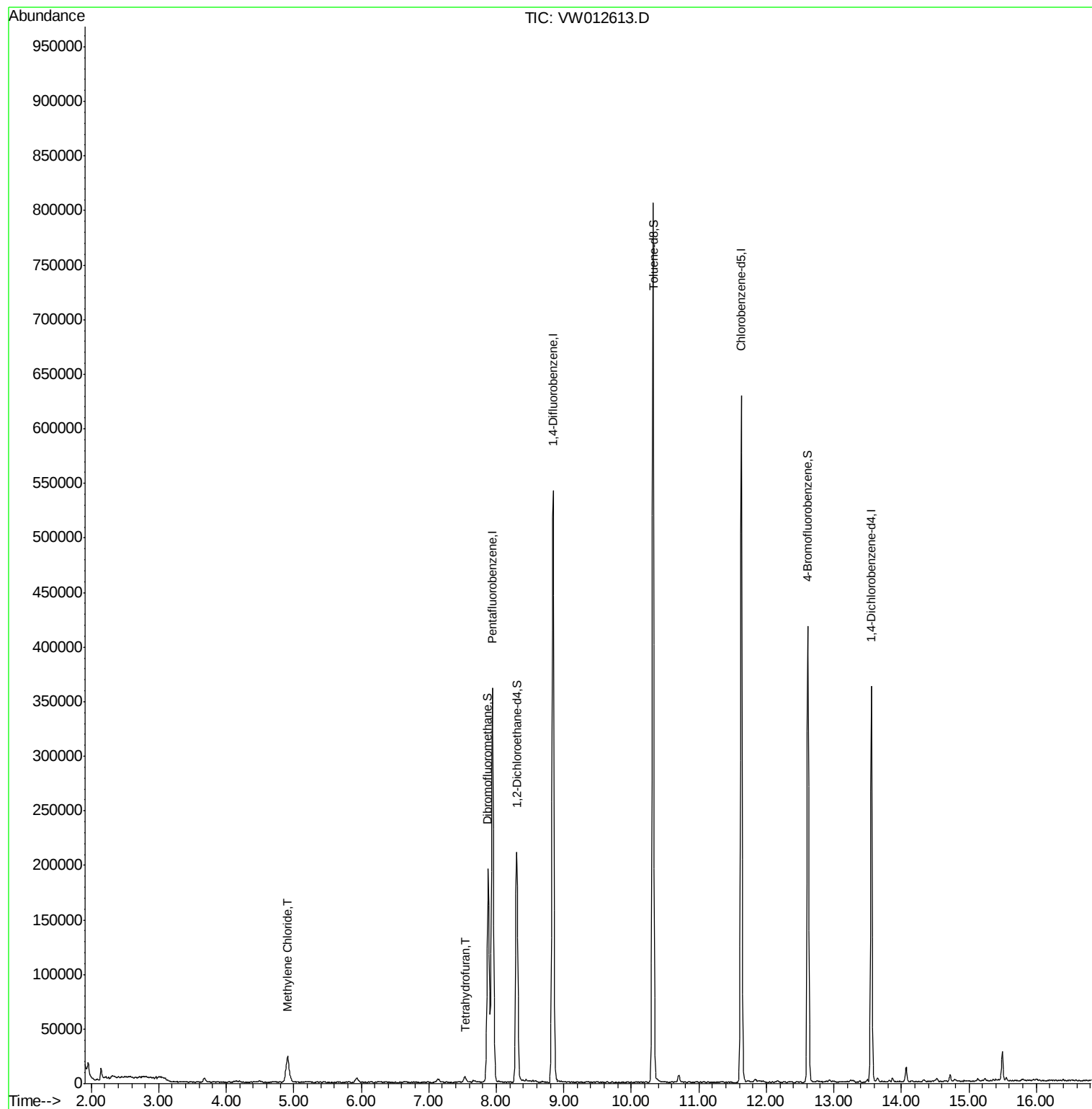
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	91589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	177993	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	7.88	113	135362	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	10.32	98	504132	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.62	95	133836	36.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.72%	
Target Compounds						
20) Methylene Chloride	4.91	84	16179	5.373	ug/l	89
29) Tetrahydrofuran	7.54	42	4586	7.063	ug/l #	83

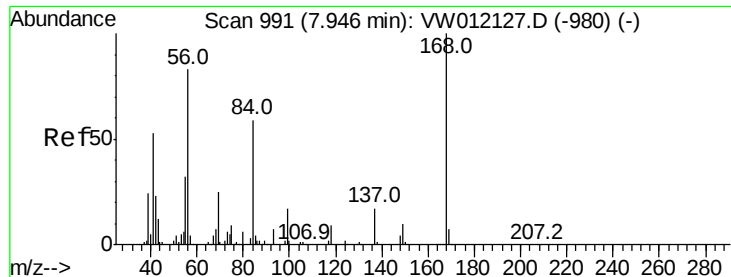
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 26 07:18:31 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: VW012613.D

Acq: 05 Sep 2019 02:42

Instrument :

MSVOA_W

ClientSampleId :

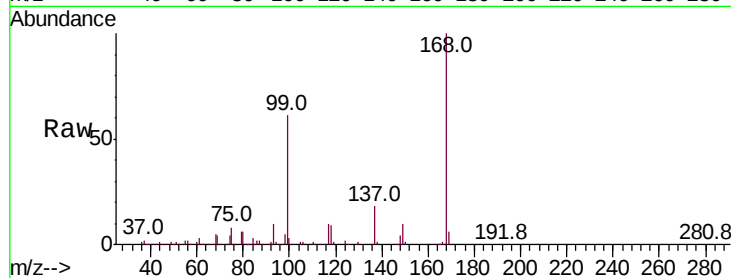
T3-S-D-(0)

Tot Ion:168 Resp: 262109

Ion Ratio Lower Upper

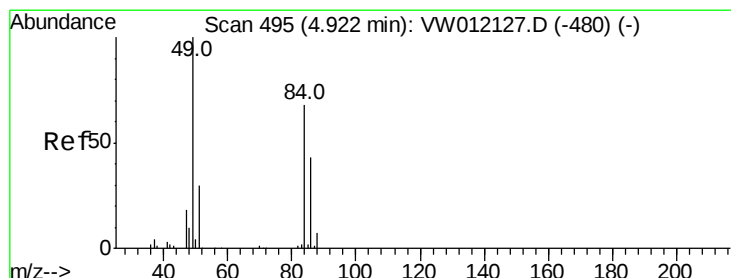
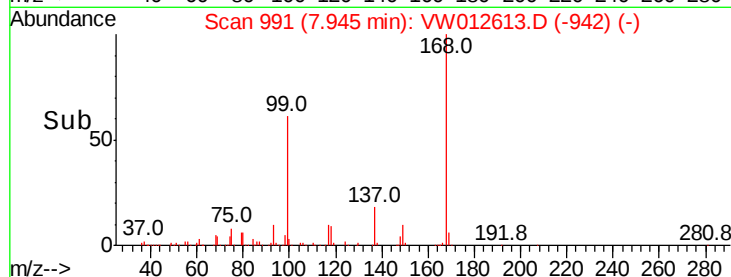
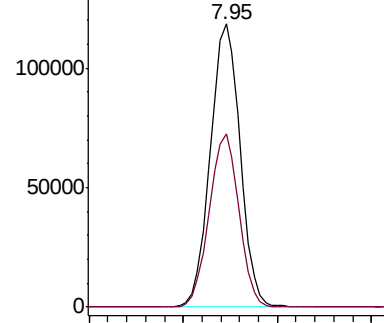
168 100

99 61.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.373 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012613.D

Acq: 05 Sep 2019 02:42

Tgt Ion: 84 Resp: 16179

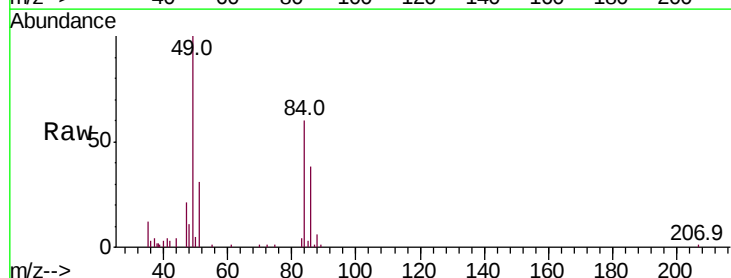
Ion Ratio Lower Upper

84 100

49 167.4 117.8 176.8

51 51.8 35.6 53.4

86 64.0 51.2 76.8

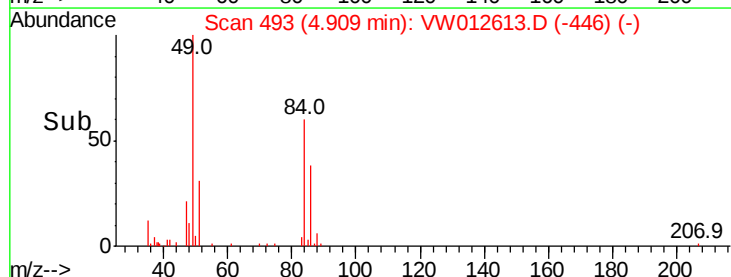
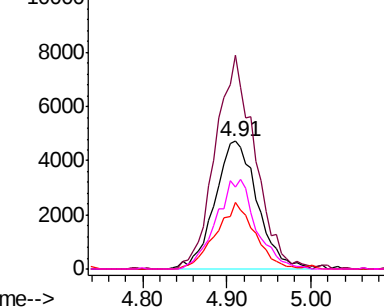


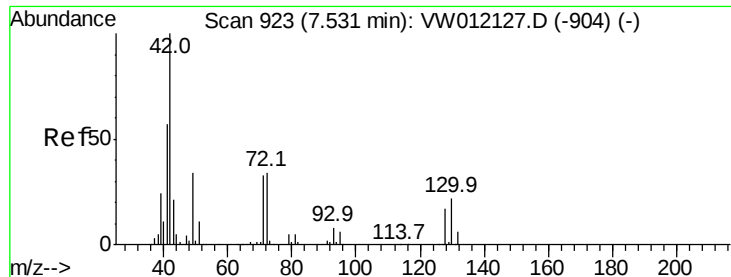
Abundance Ion 83.90 (83.60 to 84.60): VW

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

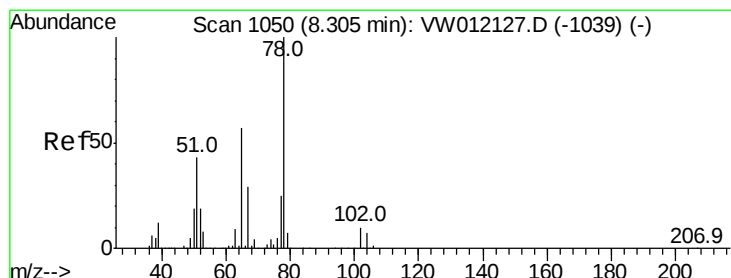
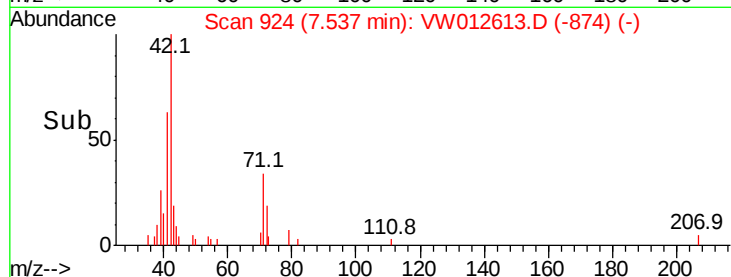
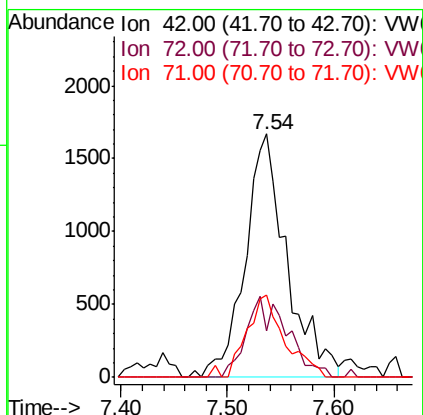
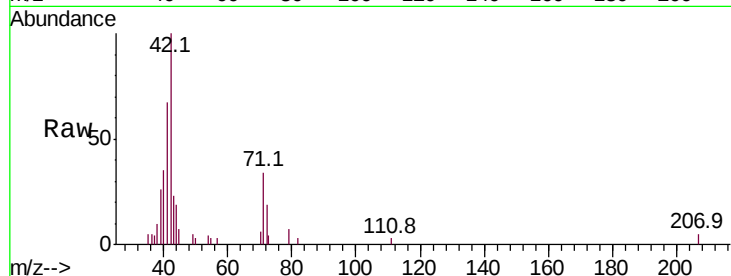




#29
Tetrahydrofuran
Concen: 7.063 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012613.D
Acq: 05 Sep 2019 02:42

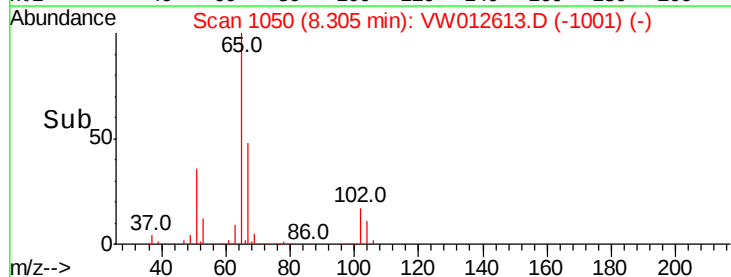
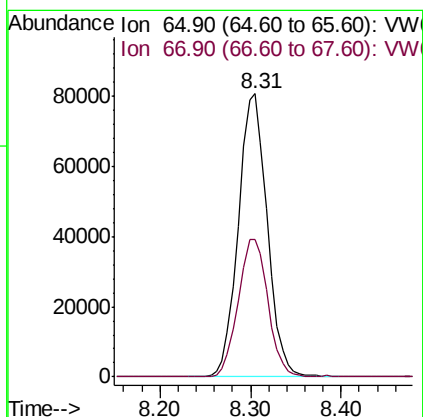
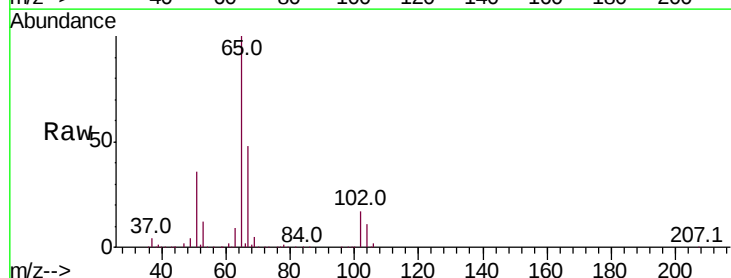
Instrument :
MSVOA_W
ClientSampleId :
T3-S-D-(0)

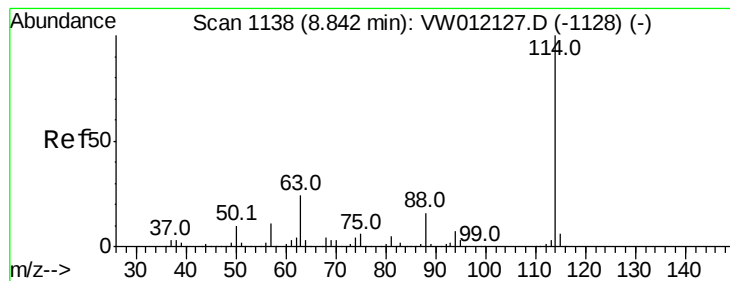
Tot Ion	Ratio	Lower	Upper
42	100		
72	16.2	27.3	40.9#
71	30.3	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 57.125 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012613.D
Acq: 05 Sep 2019 02:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012613.D

Acq: 05 Sep 2019 02:42

Instrument :

MSVOA_W

ClientSampled :

T3-S-D-(0)

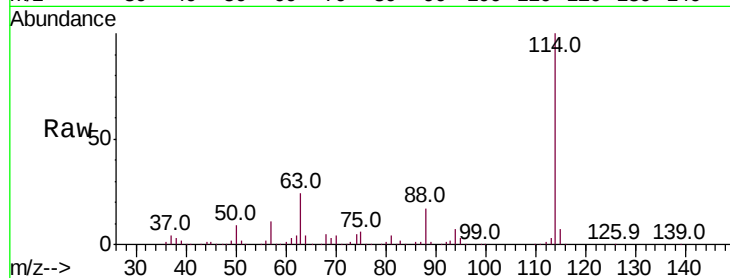
Tot Ion:114 Resp: 425577

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.6

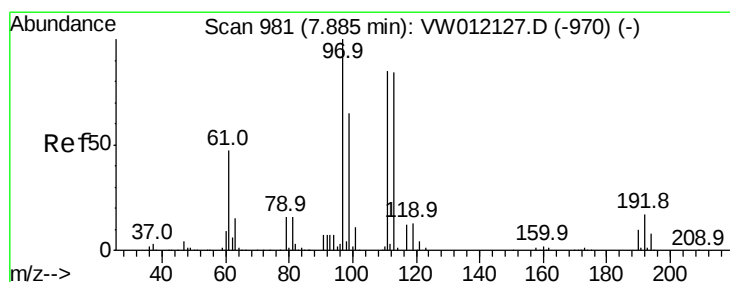
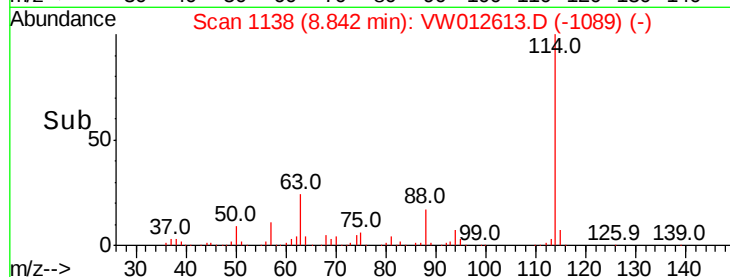
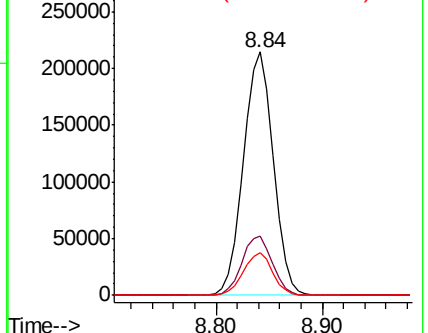
88 17.3 0.0 32.2



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: 53.286 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012613.D

Acq: 05 Sep 2019 02:42

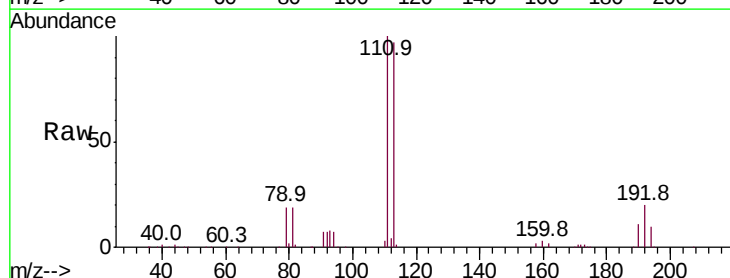
Tgt Ion:113 Resp: 135362

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

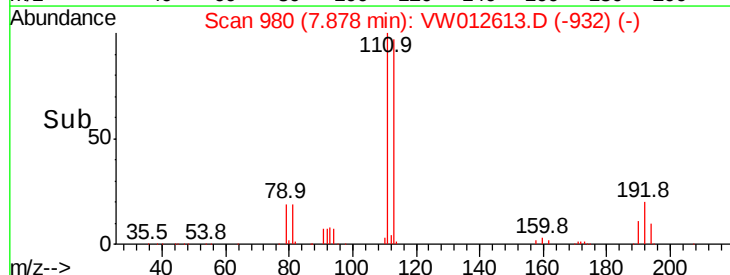
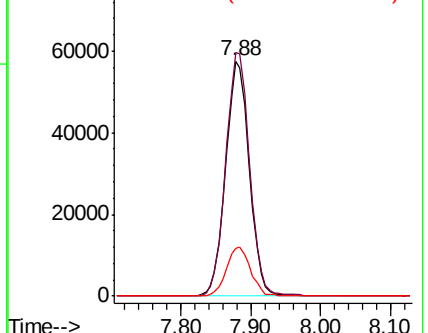
192 21.3 16.2 24.2

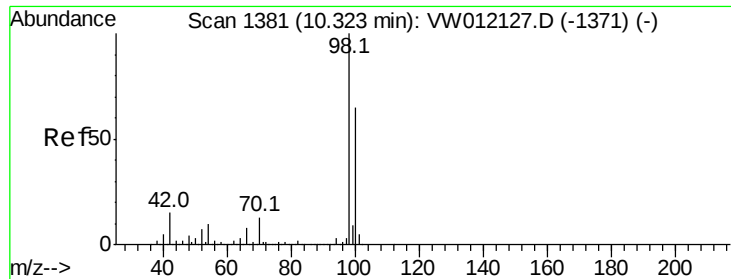


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.944 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012613.D

Acq: 05 Sep 2019 02:42

Instrument :

MSVOA_W

ClientSampleId :

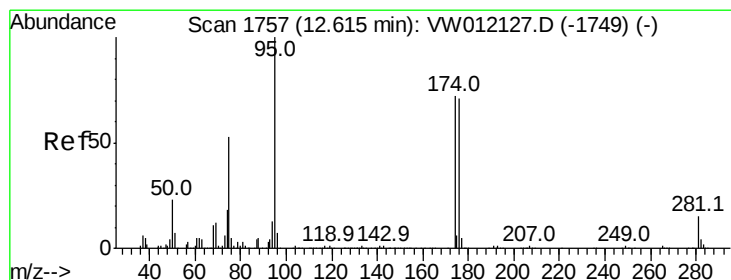
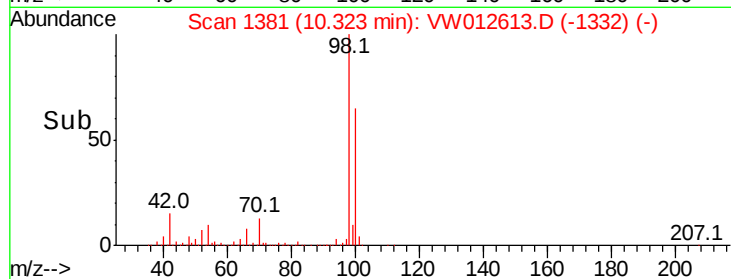
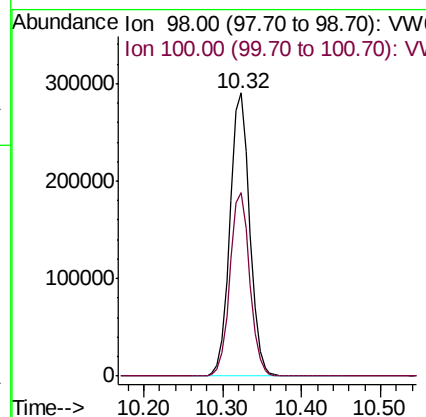
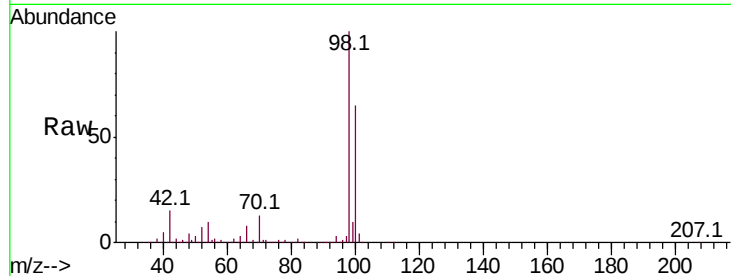
T3-S-D(0)

Tot Ion: 98 Resp: 504132

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 36.862 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012613.D

Acq: 05 Sep 2019 02:42

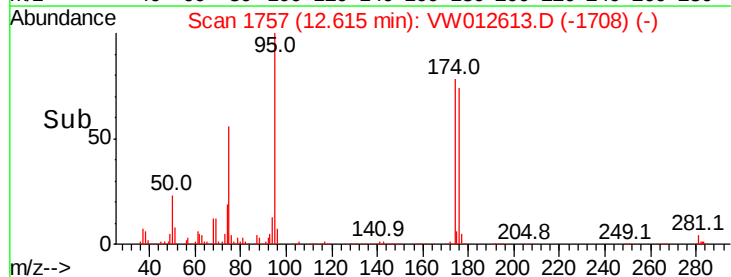
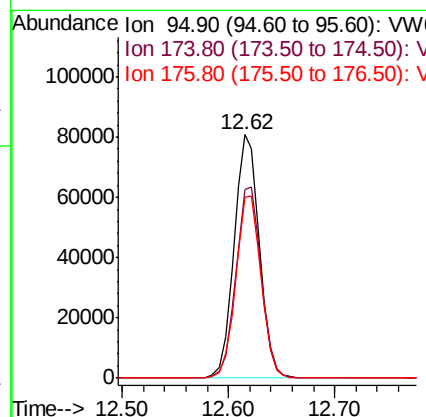
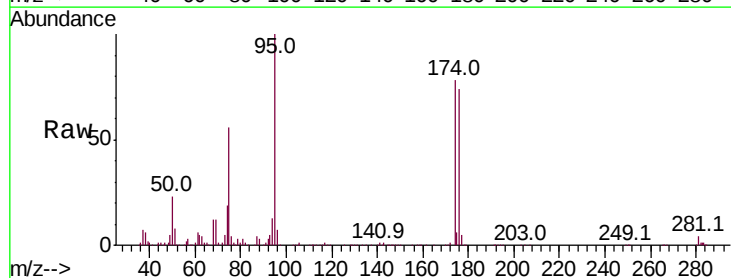
Tgt Ion: 95 Resp: 133836

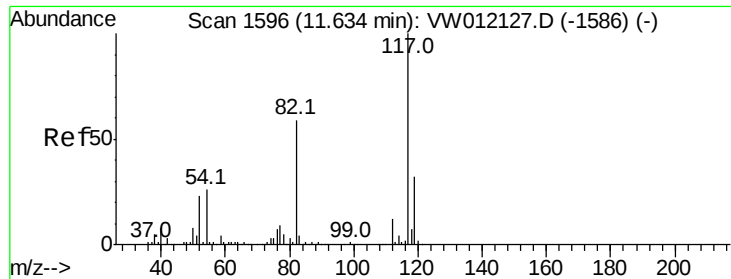
Ion Ratio Lower Upper

95 100

174 79.1 0.0 150.8

176 75.3 0.0 148.6

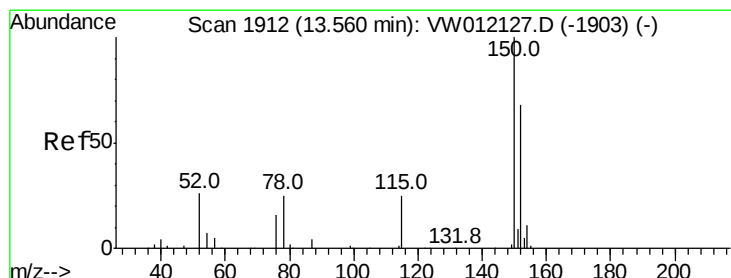
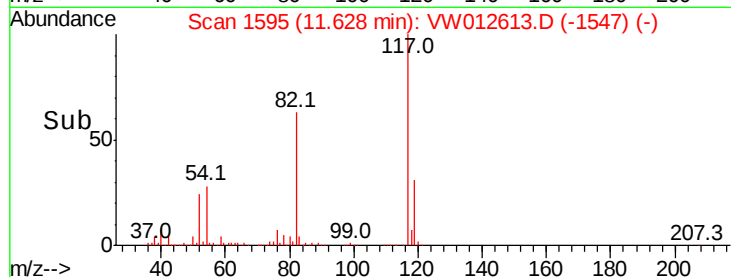
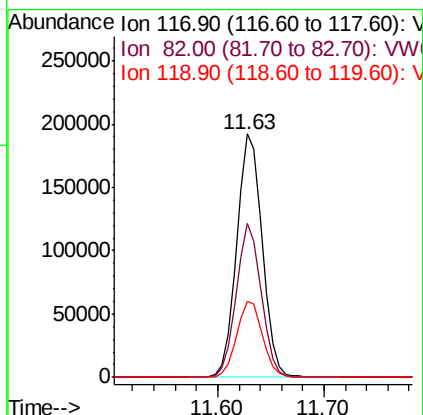
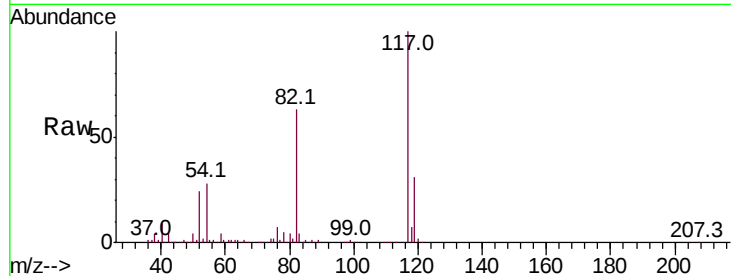




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012613.D
Acq: 05 Sep 2019 02:42

Instrument :
MSVOA_W
ClientSampled :
T3-S-D-(0)

Tot Ion:117 Resp: 324164
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012613.D
Acq: 05 Sep 2019 02:42

Tgt Ion:152 Resp: 91589
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.9 0.0 345.8

