

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012227.D
 Acq On : 28 Aug 2019 01:59
 Operator : SY/VA
 Sample : K4472-03
 Misc : 5.19G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S2(0)

Quant Time: Aug 28 07:11:40 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

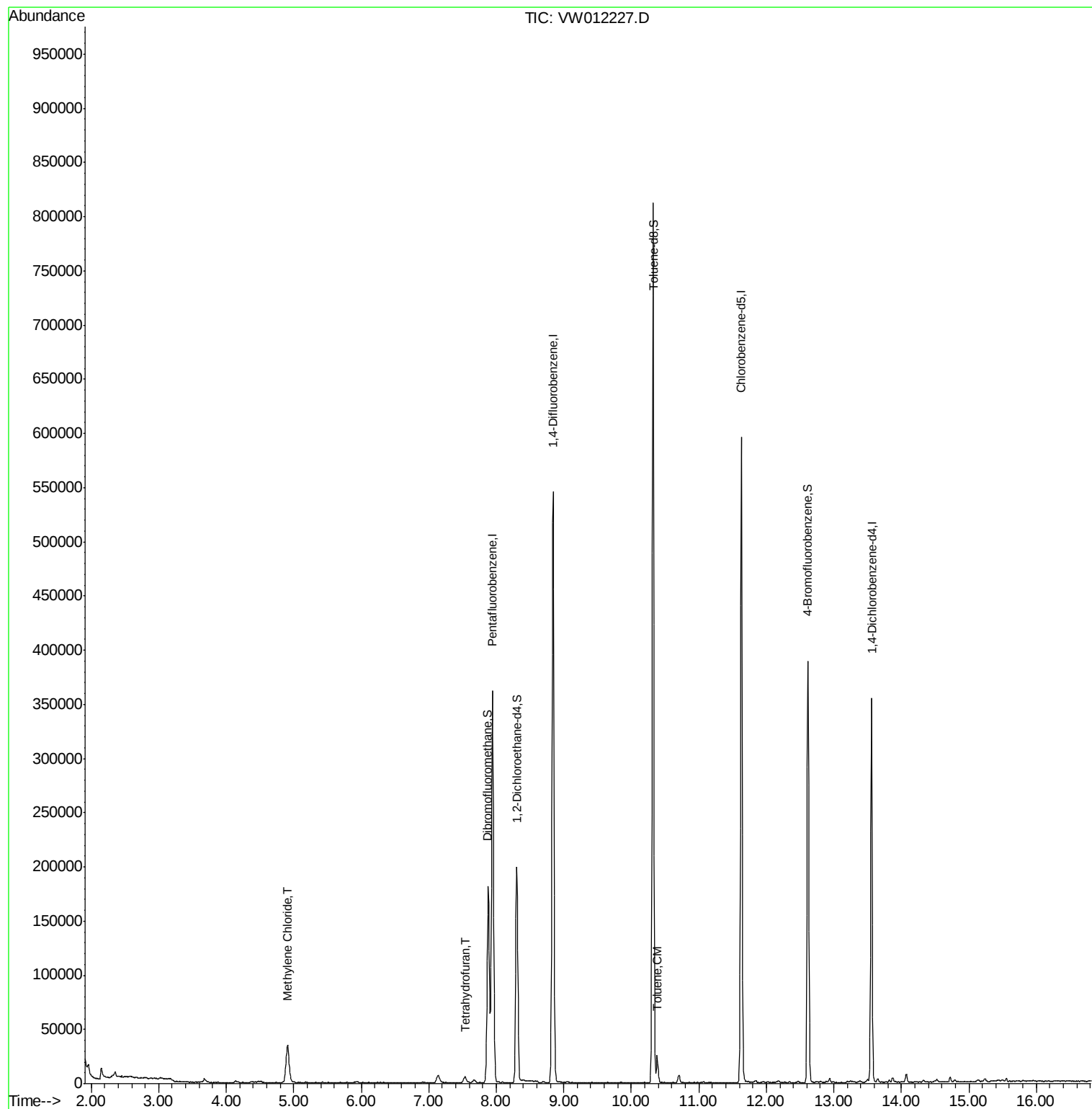
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157113	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	7.88	113	133577	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.32	98	505501	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	130520	35.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.06%	
Target Compounds						
20) Methylene Chloride	4.91	84	25020	8.336	ug/l	97
29) Tetrahydrofuran	7.54	42	4747	7.334	ug/l	97
52) Toluene	10.38	92	9827	1.346	ug/l	97

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

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Quant Title : SW846 8260
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: VW012227.D

Acq: 28 Aug 2019 01:59

Instrument :

MSVOA_W

ClientSampleId :

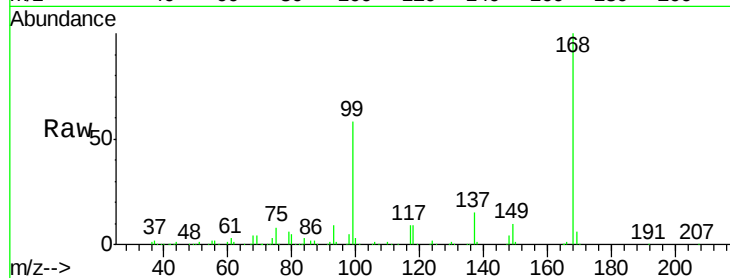
T1-S2(0)

Tot Ion:168 Resp: 261278

Ion Ratio Lower Upper

168 100

99 57.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

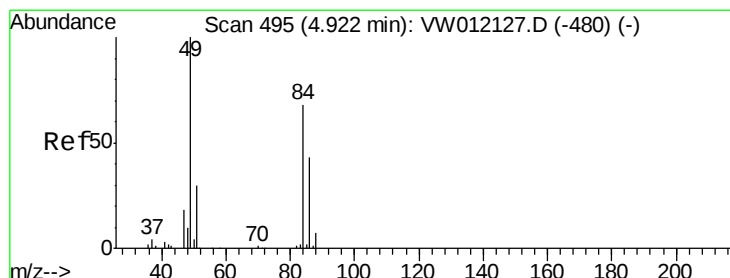
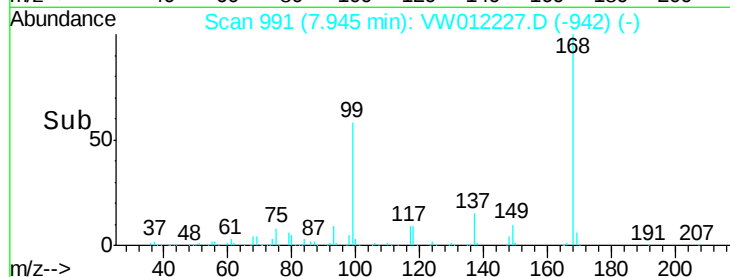
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 8.336 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012227.D

Acq: 28 Aug 2019 01:59

Tgt Ion: 84 Resp: 25020

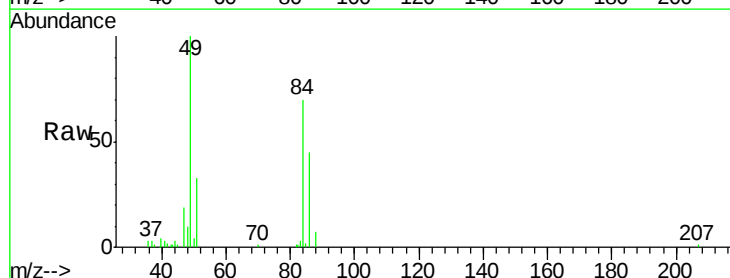
Ion Ratio Lower Upper

84 100

49 143.2 117.8 176.8

51 47.4 35.6 53.4

86 65.0 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

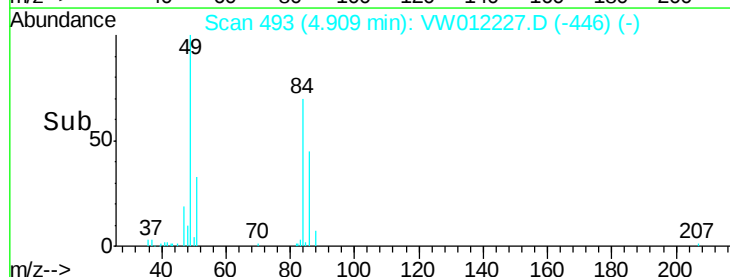
15000

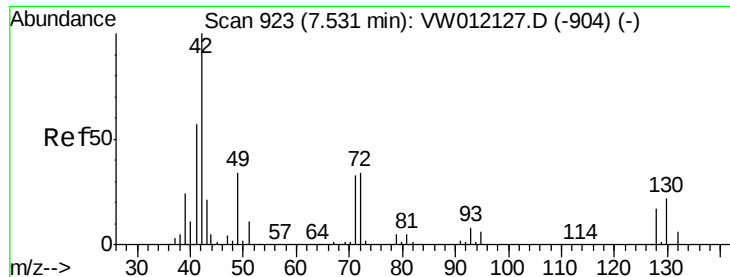
10000

5000

0

Time--> 4.80 4.90 5.00

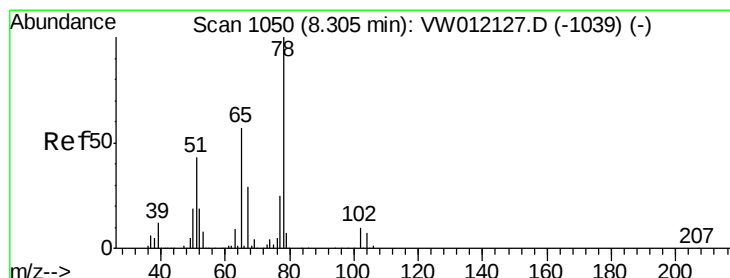
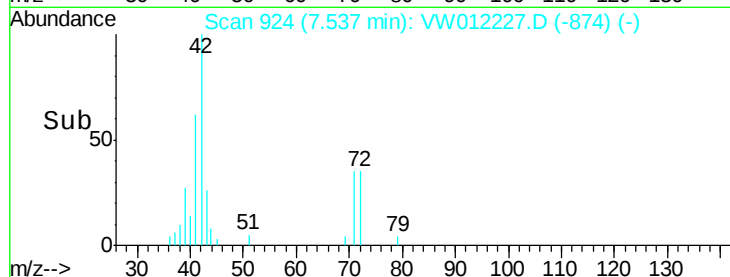
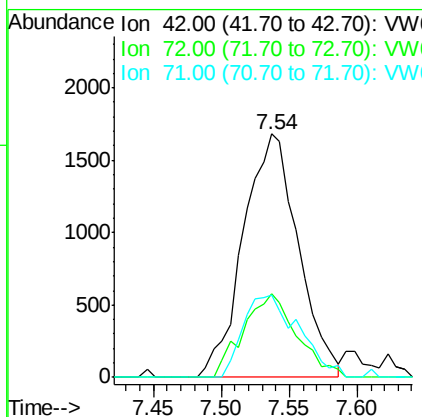
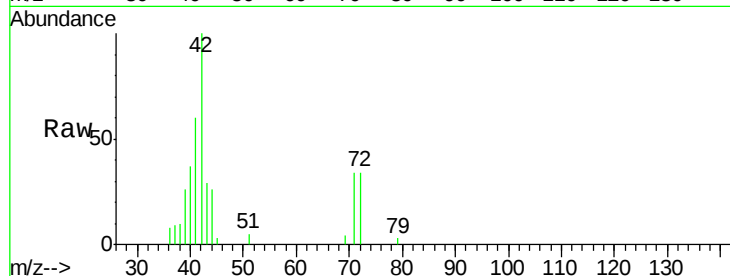




#29
Tetrahydrofuran
Concen: 7.334 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

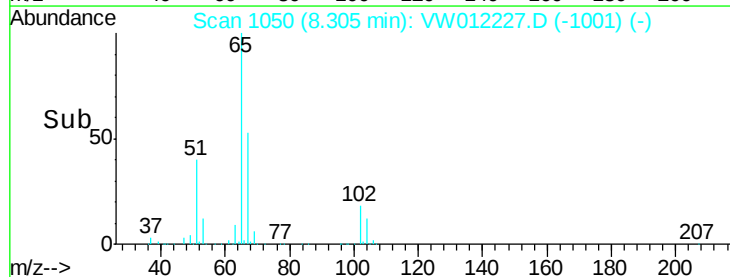
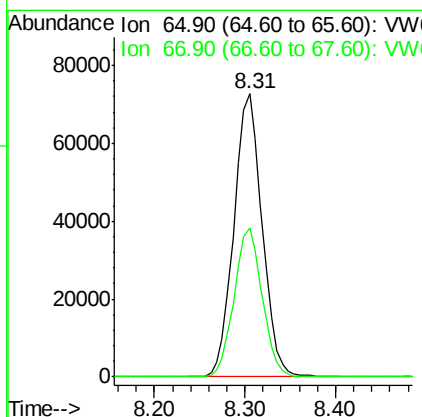
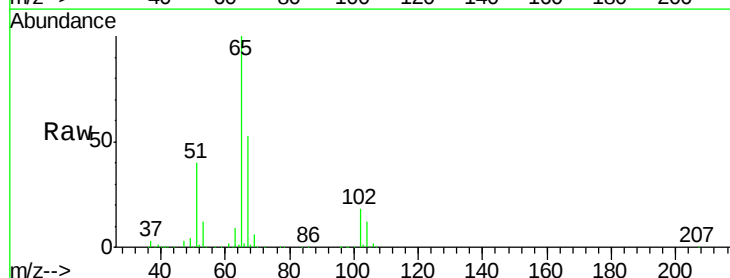
Instrument :
MSVOA_W
ClientSampleId :
T1-S2(0)

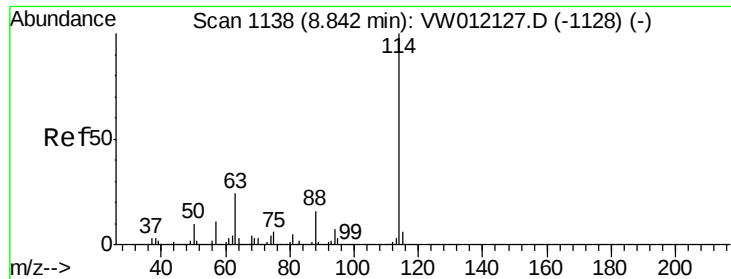
Tot Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.3	40.9
71	34.3	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 50.584 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.6

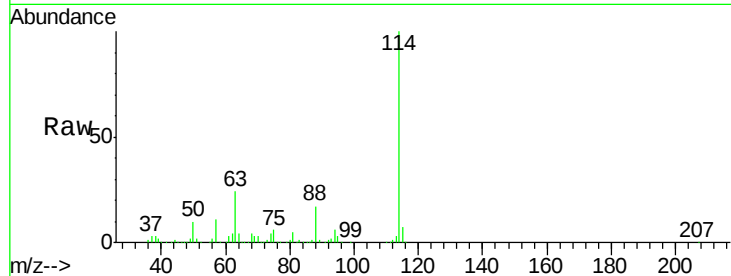




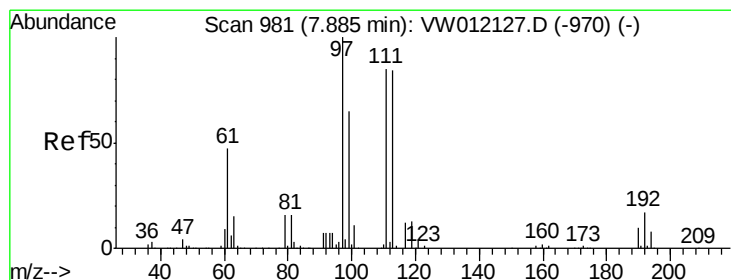
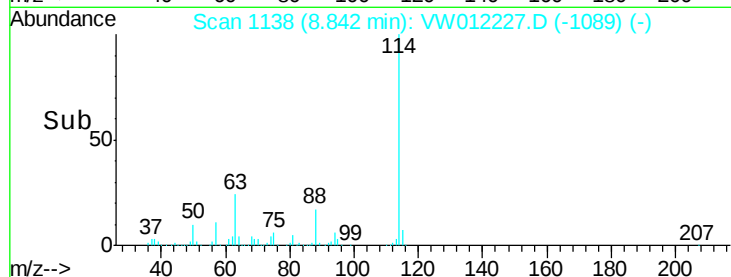
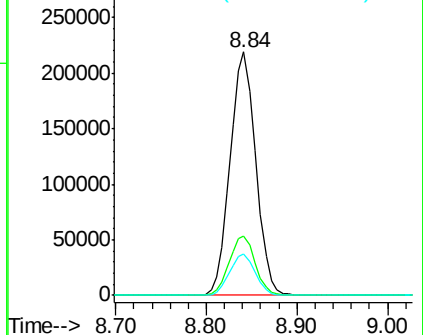
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012227.D
 Acq: 28 Aug 2019 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S2(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.8	0.0	32.2

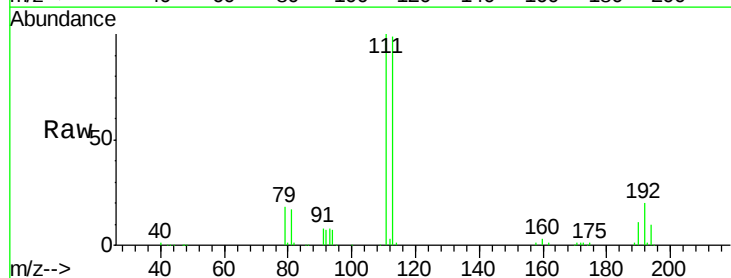


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

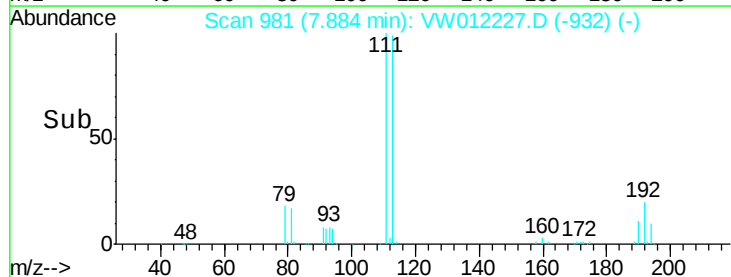
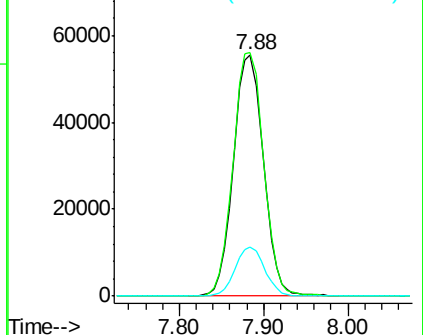


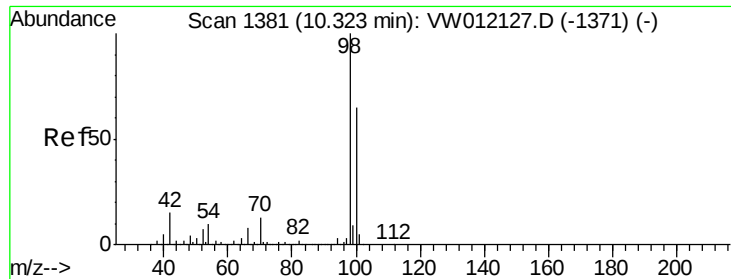
#35
 Dibromofluoromethane
 Concen: 51.976 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012227.D
 Acq: 28 Aug 2019 01:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.0	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

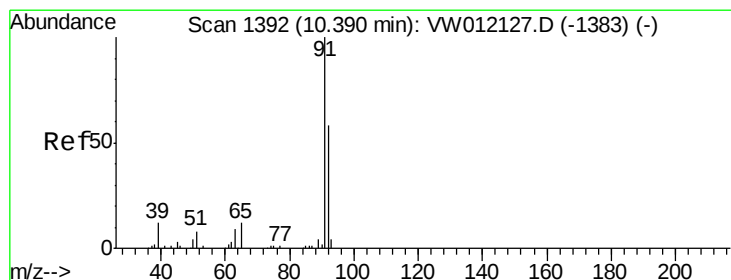
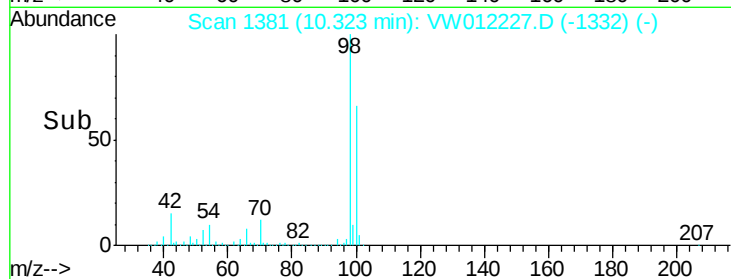
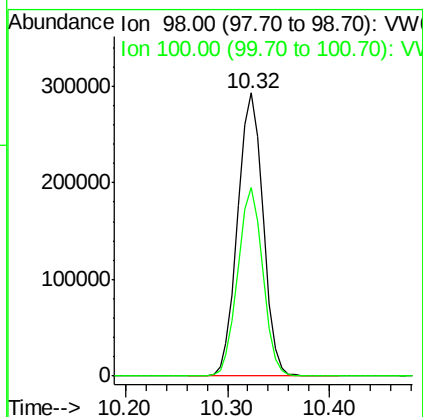
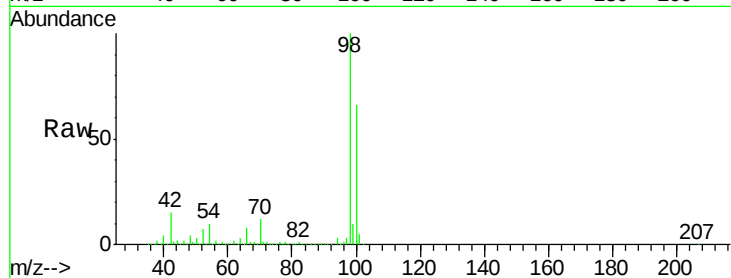




#50
Toluene-d8
Concen: 48.510 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

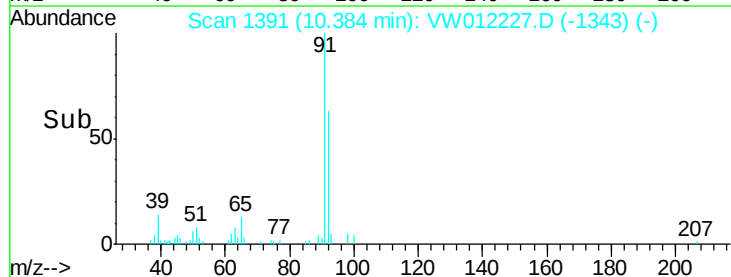
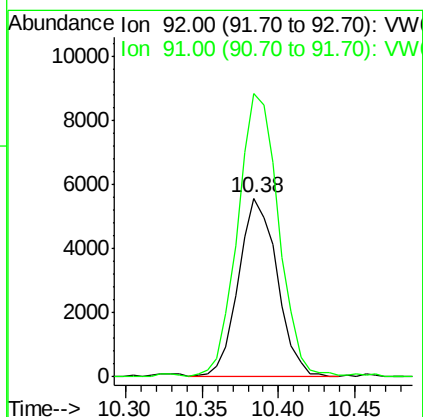
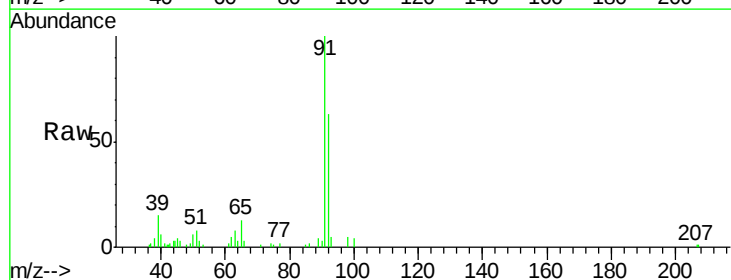
Instrument :
MSVOA_W
ClientSampleId :
T1-S2(0)

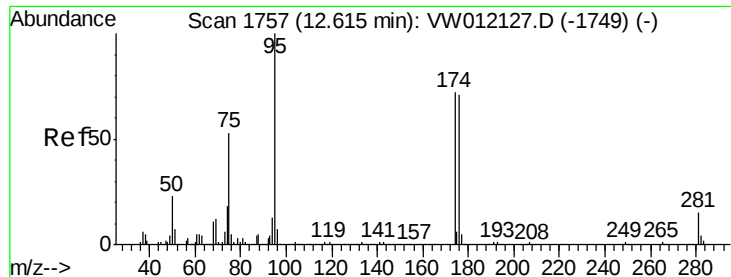
Tot Ion: 98 Resp: 505501
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#52
Toluene
Concen: 1.346 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

Tgt Ion: 92 Resp: 9827
Ion Ratio Lower Upper
92 100
91 167.1 136.6 204.8

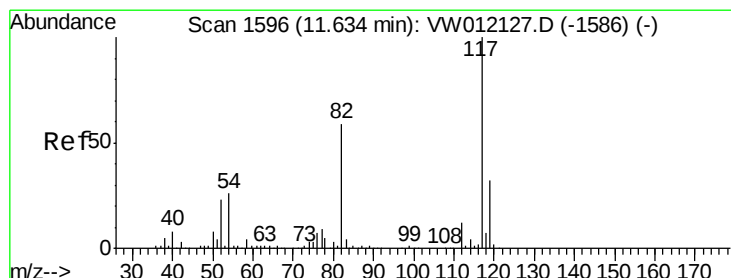
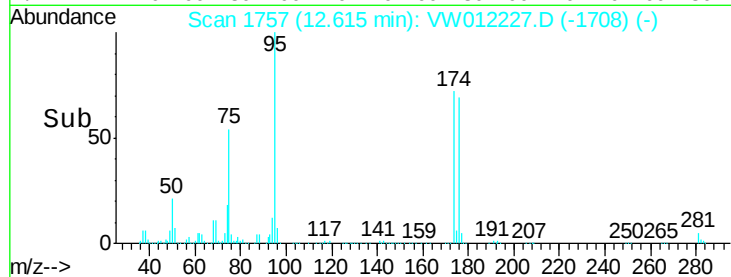
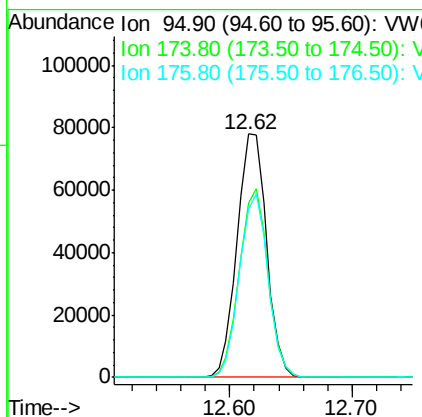
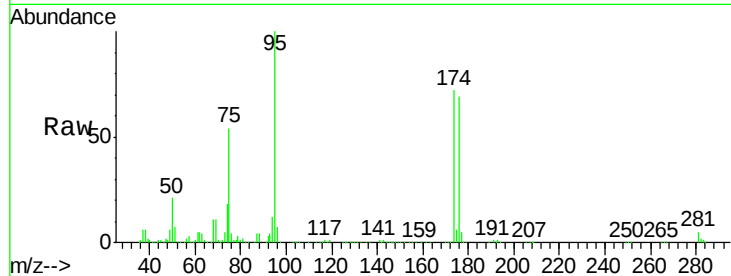




#62
4-Bromofluorobenzene
Concen: 35.533 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

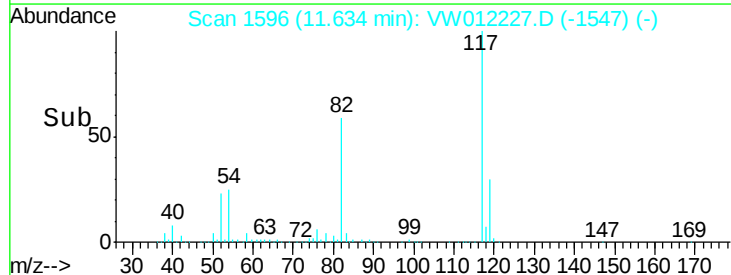
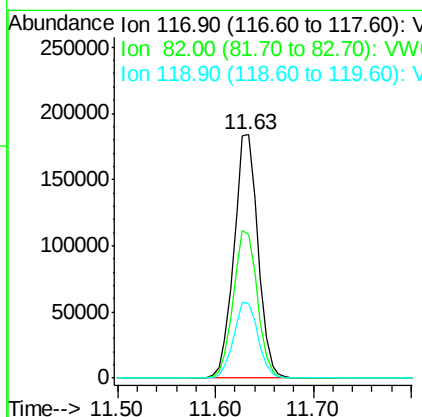
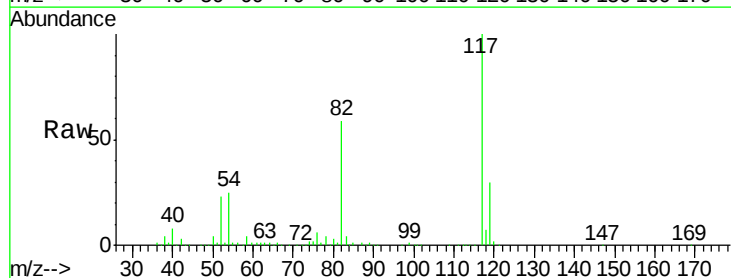
Instrument :
MSVOA_W
ClientSampleId :
T1-S2(0)

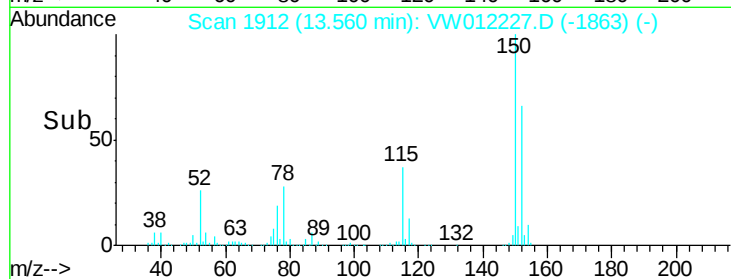
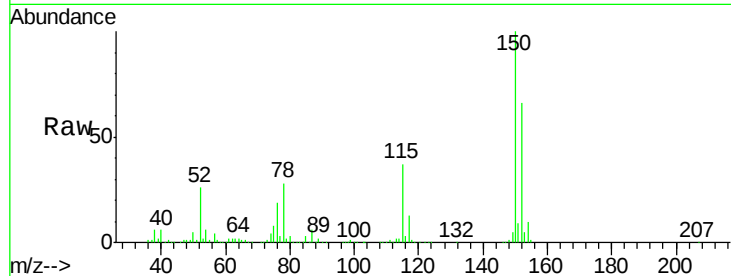
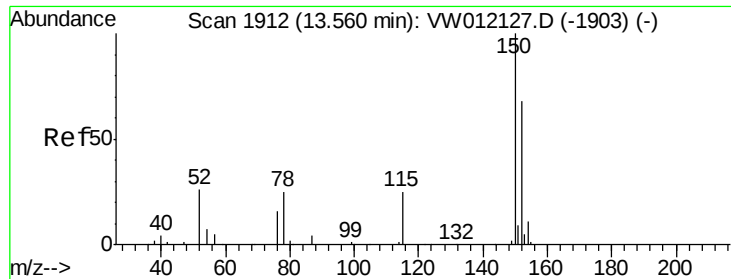
Tot Ion	95	Resp	130520
Ion Ratio	Lower	Upper	
95	100		
174	75.4	0.0	150.8
176	73.3	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012227.D
Acq: 28 Aug 2019 01:59

Tgt Ion	117	Resp	312675
Ion Ratio	Lower	Upper	
117	100		
82	59.3	47.4	71.2
119	30.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012227.D

Acq: 28 Aug 2019 01:59

Instrument :

MSVOA_W

ClientSampleId :

T1-S2(0)

Tot Ion:152 Resp: 89939

Ion Ratio Lower Upper

152 100

115 58.7 30.1 90.3

150 154.5 0.0 345.8

