

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012827.D
 Acq On : 09 Sep 2019 17:41
 Operator : SY/VA
 Sample : K4623-16
 Misc : 3.19G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D4-(4)

Quant Time: Sep 10 07:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

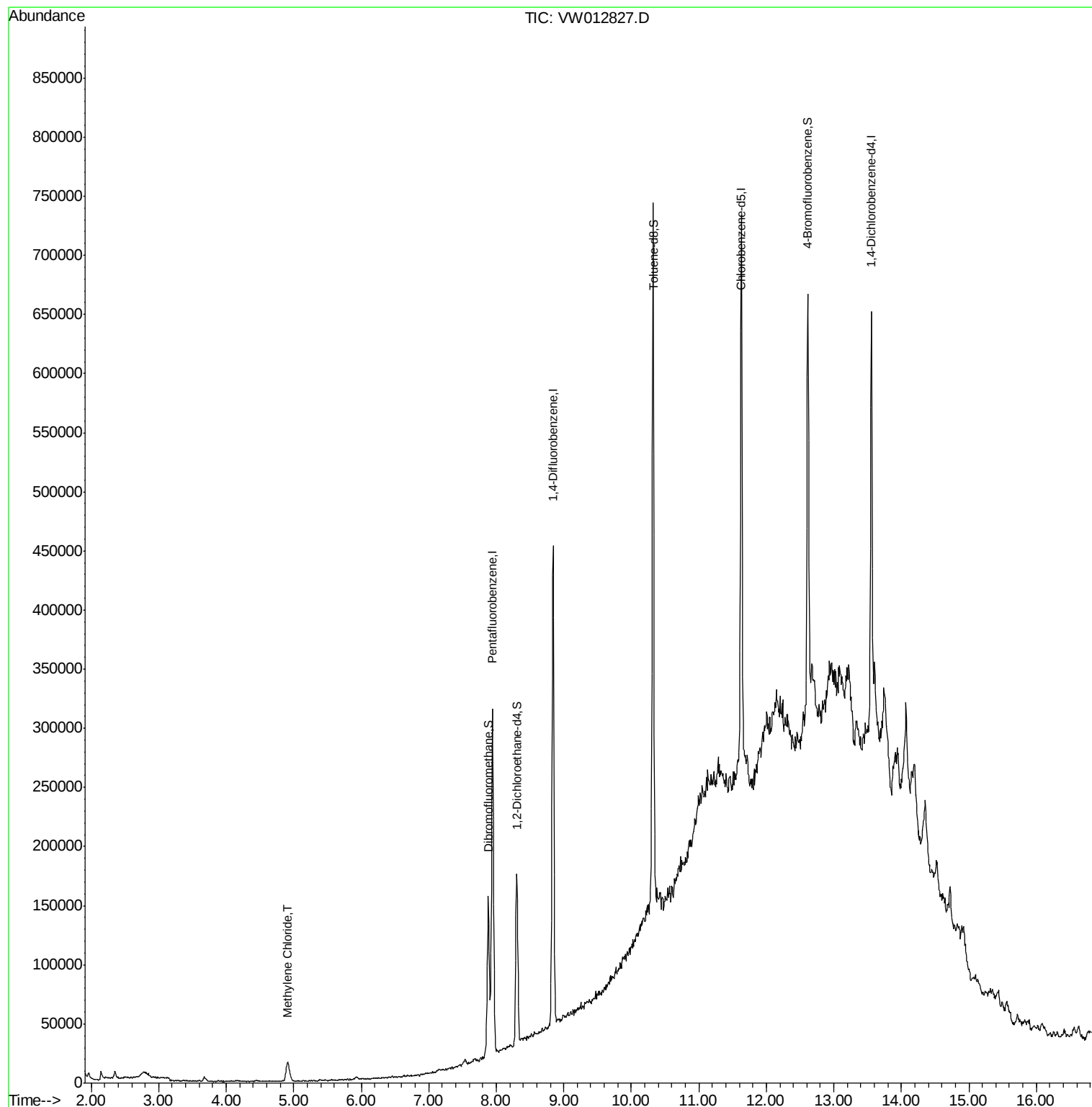
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	88544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116202	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	96123	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.32	98	378632	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.62	95	112582	39.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.22%	
Target Compounds						
20) Methylene Chloride	4.91	84	12994	6.122	ug/l #	92

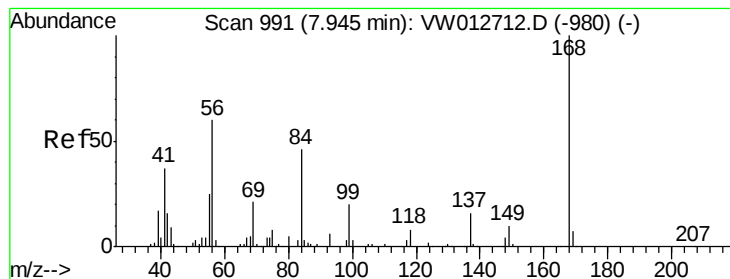
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

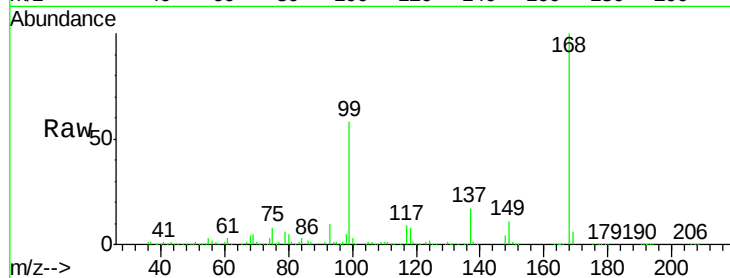
PAR-11-D4-(4)

Tot Ion:168 Resp: 222730

Ion Ratio Lower Upper

168 100

99 57.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

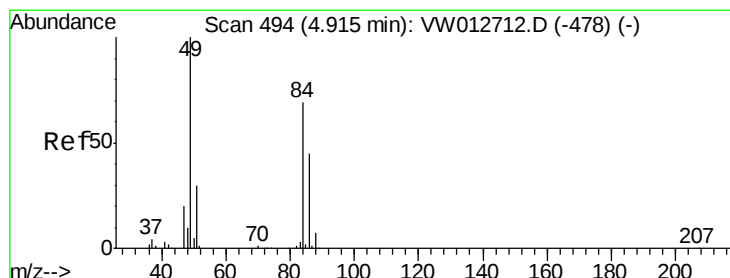
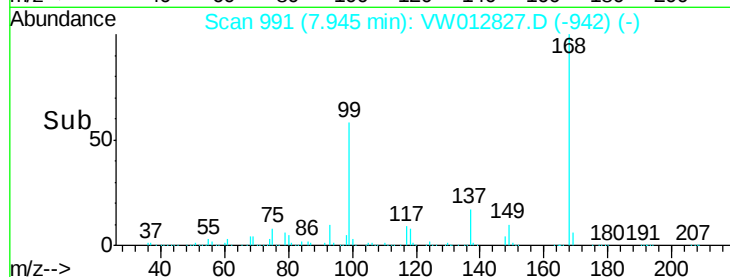
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 6.122 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012827.D

Acq: 09 Sep 2019 17:41

Tgt Ion: 84 Resp: 12994

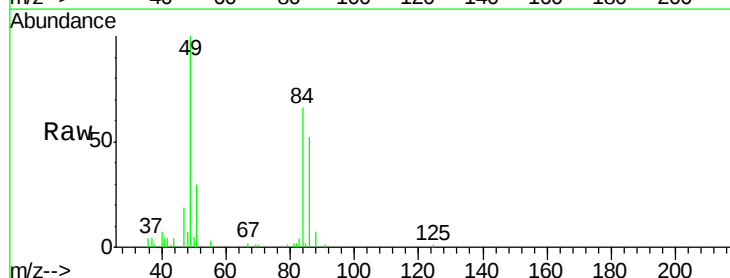
Ion Ratio Lower Upper

84 100

49 151.3 115.4 173.0

51 45.1 34.9 52.3

86 78.6 52.2 78.4#



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

4.91

8000

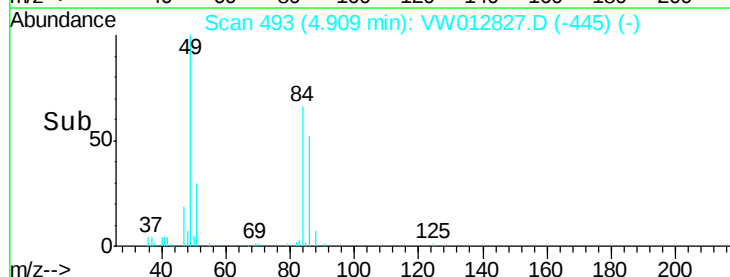
6000

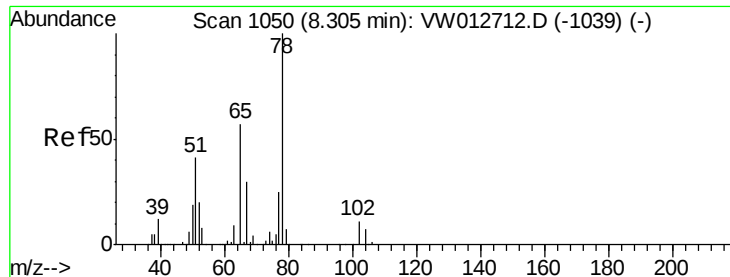
4000

2000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 46.693 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012827.D

Acq: 09 Sep 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

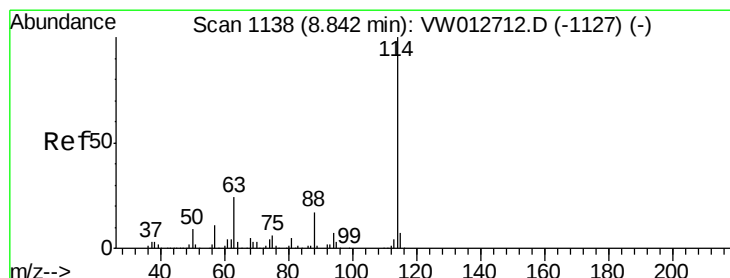
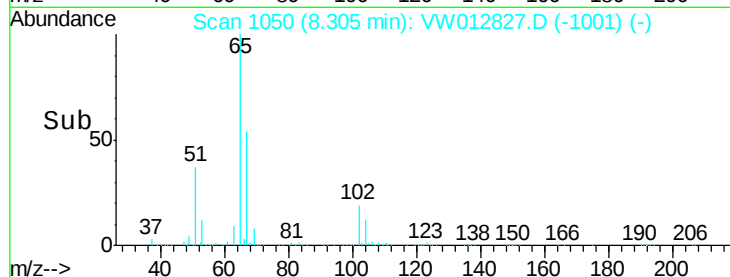
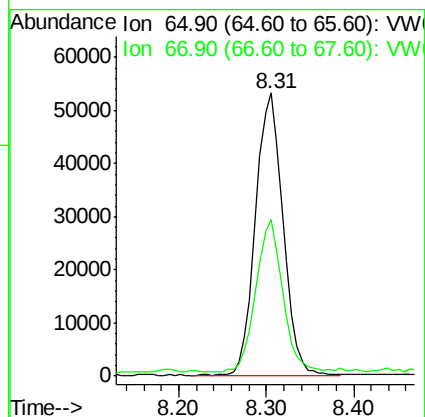
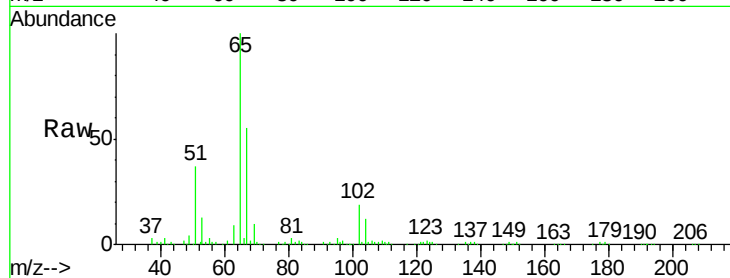
PAR-11-D4-(4)

Tot Ion: 65 Resp: 116202

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012827.D

Acq: 09 Sep 2019 17:41

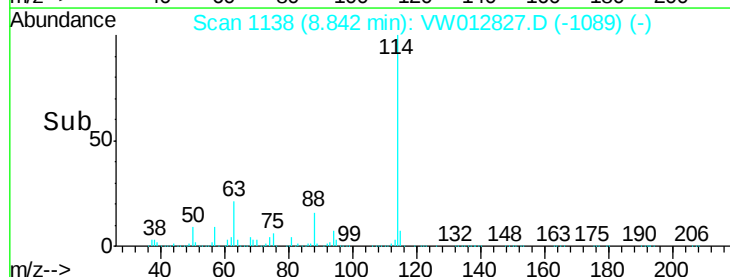
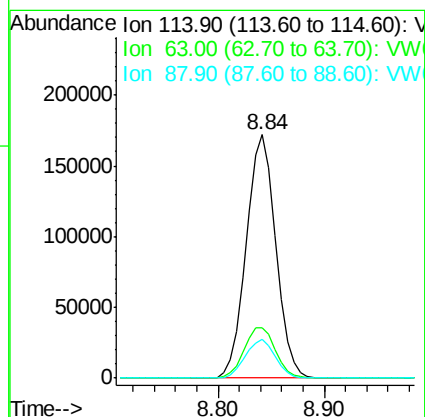
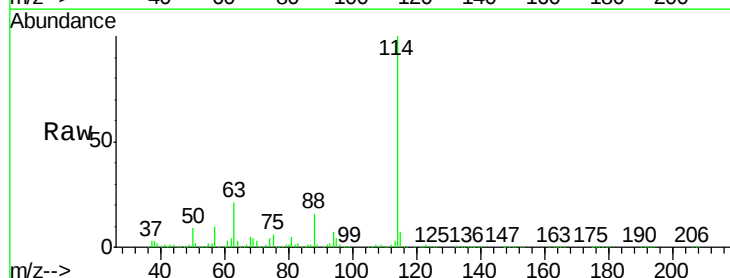
Tgt Ion: 114 Resp: 336129

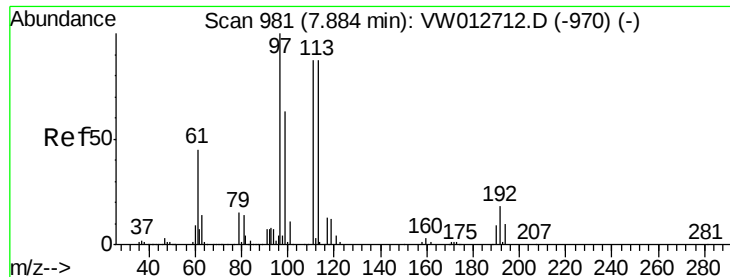
Ion Ratio Lower Upper

114 100

63 20.7 0.0 47.2

88 16.1 0.0 34.0

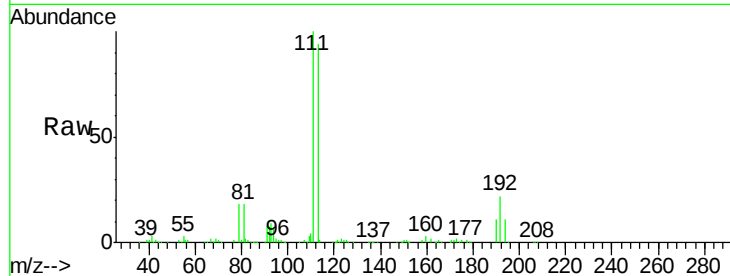




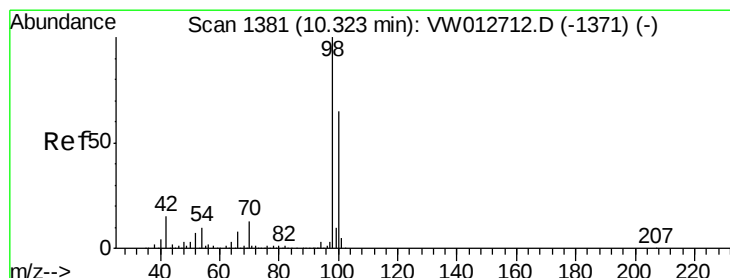
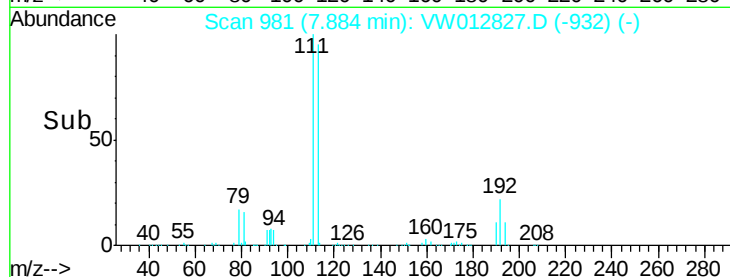
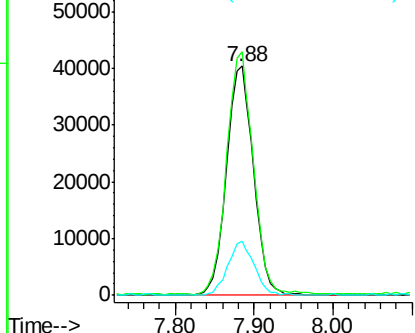
#35
Dibromofluoromethane
Concen: 48.100 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012827.D
Acq: 09 Sep 2019 17:41

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D4-(4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.2	120.4
192	23.3	17.3	25.9

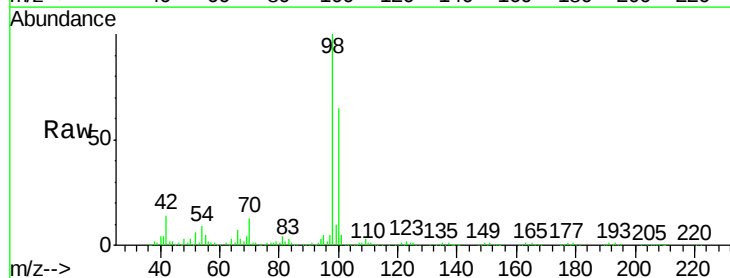


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

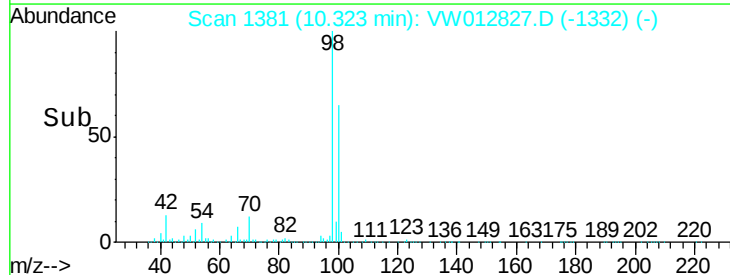
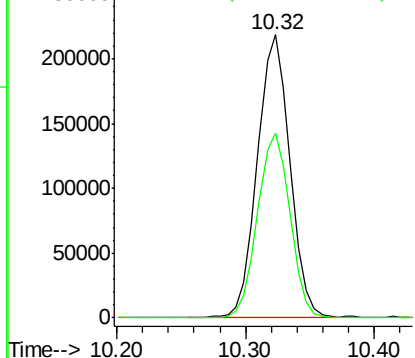


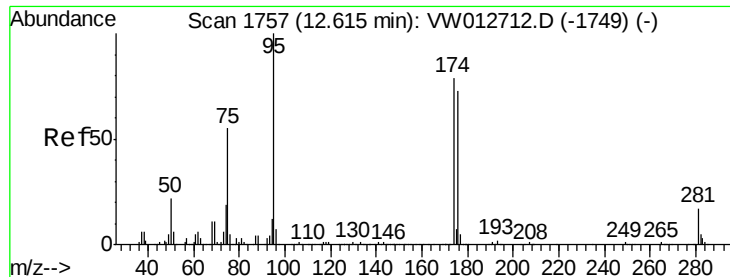
#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012827.D
Acq: 09 Sep 2019 17:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

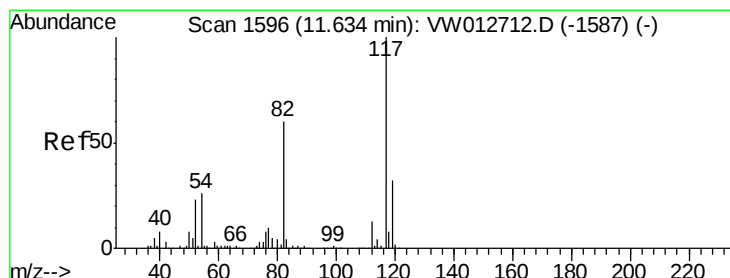
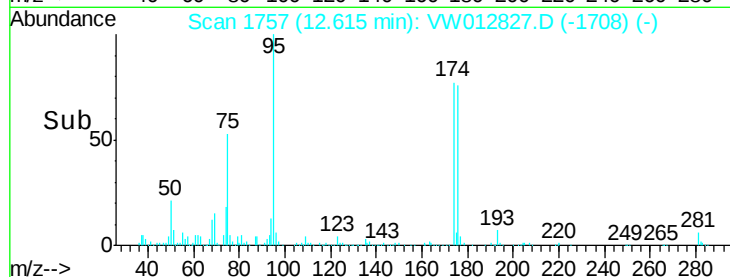
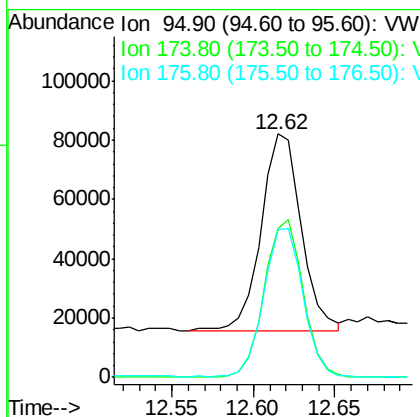
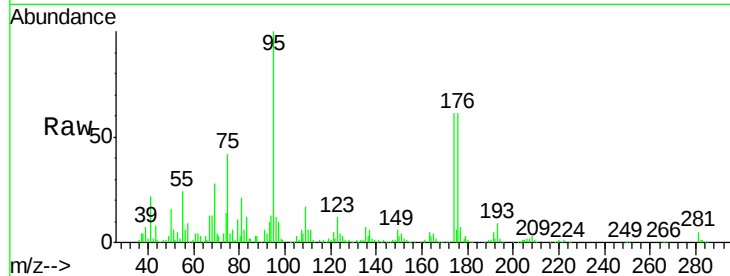




#62
4-Bromofluorobenzene
Concen: 39.610 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012827.D
Acq: 09 Sep 2019 17:41

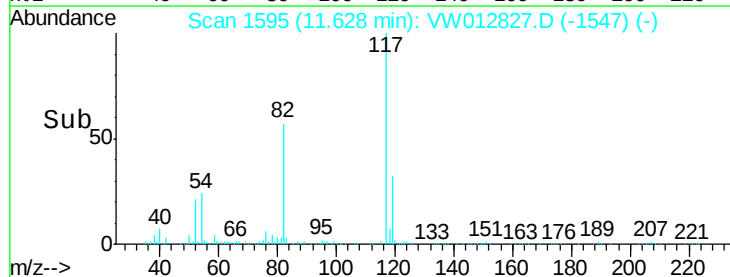
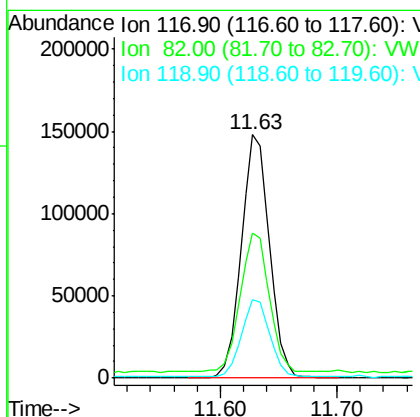
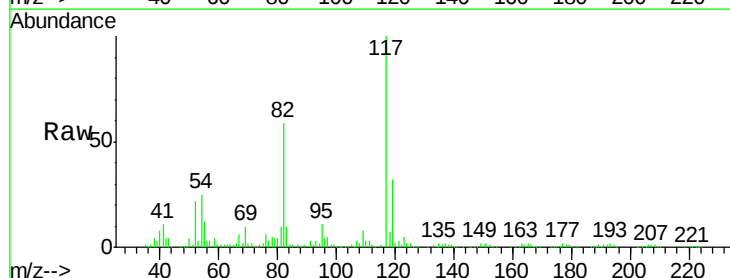
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D4-(4)

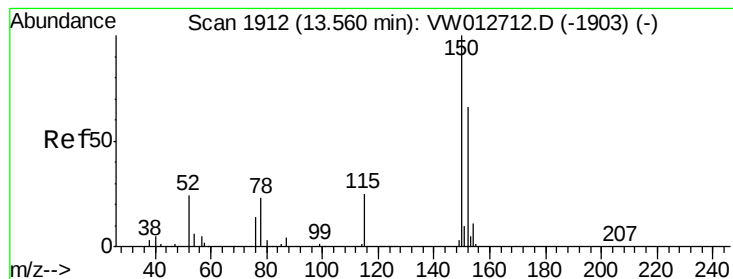
Tot Ion: 95 Resp: 112582
Ion Ratio Lower Upper
95 100
174 78.2 0.0 161.0
176 75.4 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012827.D
Acq: 09 Sep 2019 17:41

Tgt Ion: 117 Resp: 249070
Ion Ratio Lower Upper
117 100
82 57.0 48.2 72.4
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012827.D

Acq: 09 Sep 2019 17:41

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D4-(4)

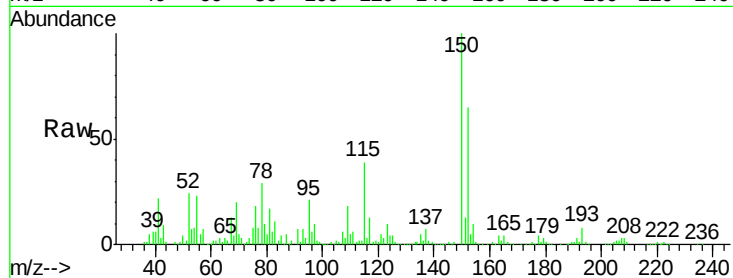
Tot Ion:152 Resp: 88544

Ion Ratio Lower Upper

152 100

115 55.9 30.0 90.1

150 152.6 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

