

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012772.D
 Acq On : 08 Sep 2019 16:27
 Operator : SY/VA
 Sample : K4603-09
 Misc : 6.92G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E3-(3.11)

Quant Time: Sep 12 05:01:16 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

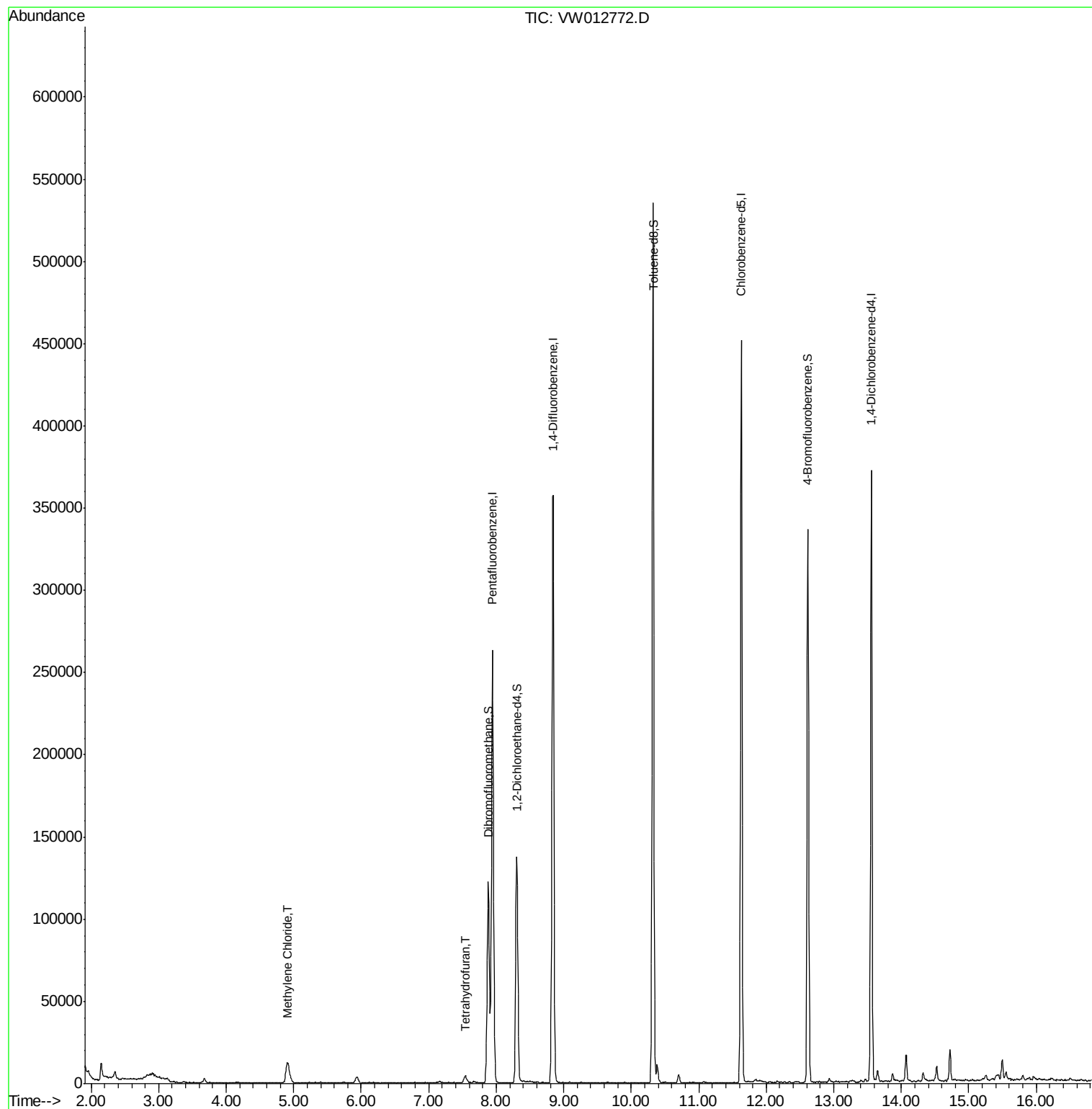
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	237088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	93333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114916	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	88199	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.32	98	343651	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.62	95	105644	42.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.40%	
Target Compounds						
20) Methylene Chloride	4.90	84	10034	5.483	ug/l	93
29) Tetrahydrofuran	7.54	42	3813	8.071	ug/l #	90

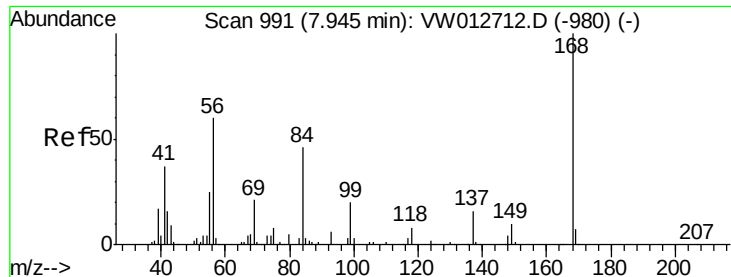
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Sep 08 05:04:40 2019
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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: VW012772.D

Acq: 08 Sep 2019 16:27

Instrument :

MSVOA_W

ClientSampleId :

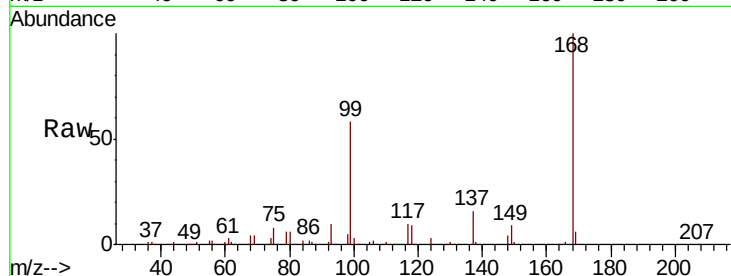
PAR-E3-(3.11)

Tot Ion:168 Resp: 192049

Ion Ratio Lower Upper

168 100

99 58.0 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

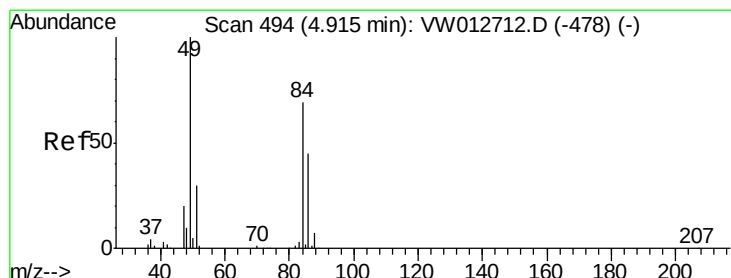
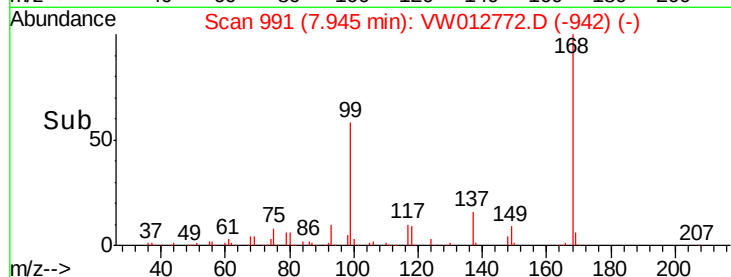
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 5.483 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012772.D

Acq: 08 Sep 2019 16:27

Tgt Ion: 84 Resp: 10034

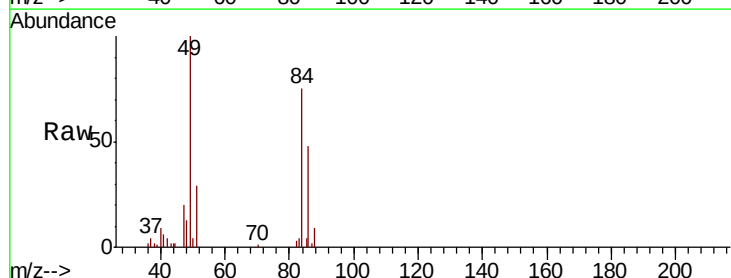
Ion Ratio Lower Upper

84 100

49 133.3 115.4 173.0

51 39.0 34.9 52.3

86 63.6 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

5000

4000

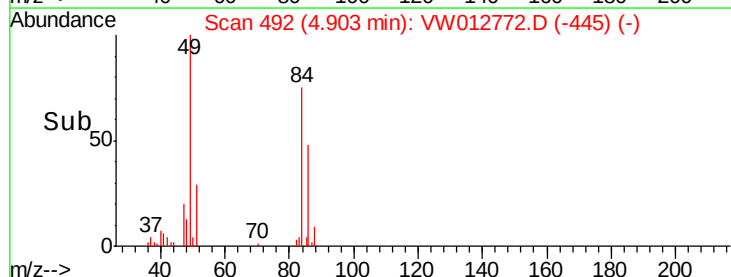
3000

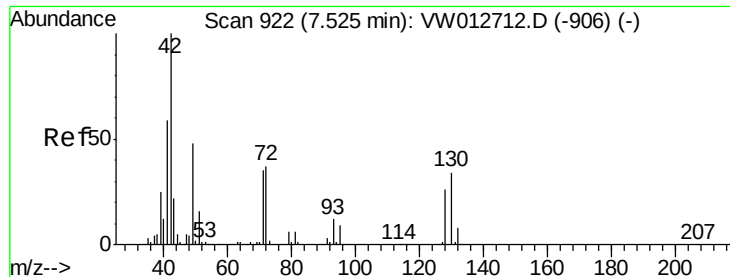
2000

1000

0

Time--> 4.80 4.90 5.00

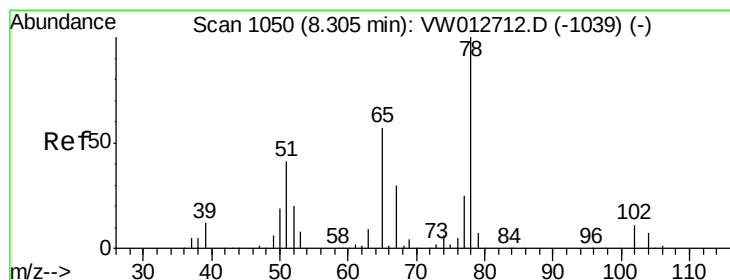
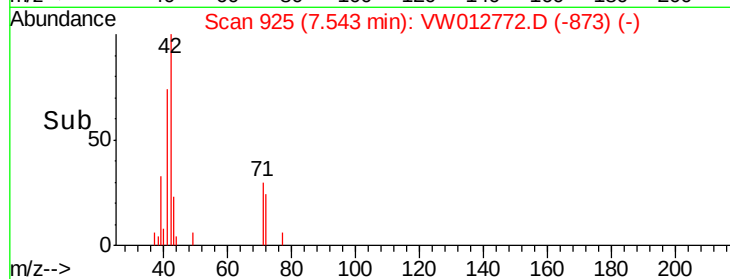
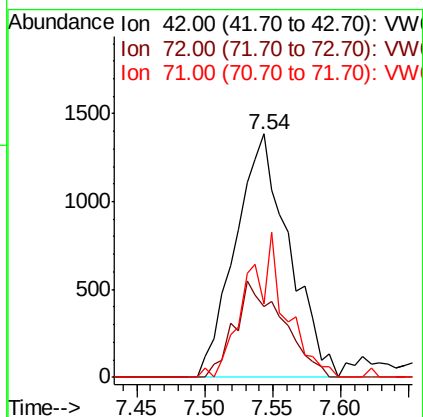
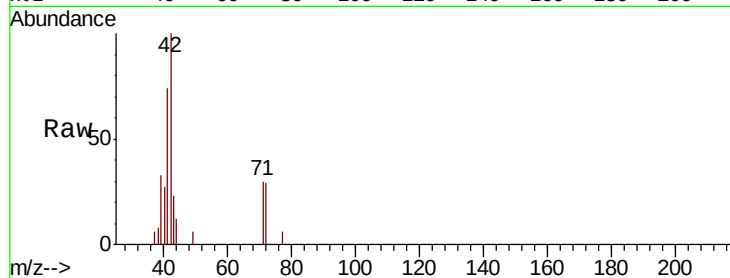




#29
Tetrahydrofuran
Concen: 8.071 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW012772.D
Acq: 08 Sep 2019 16:27

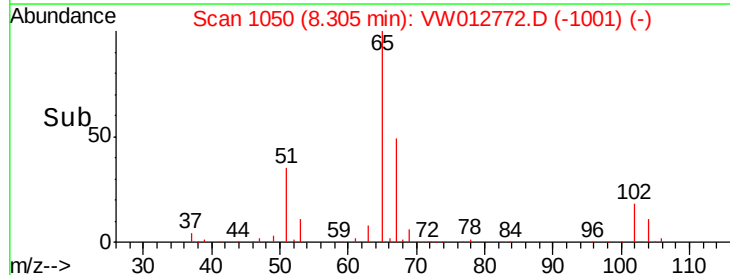
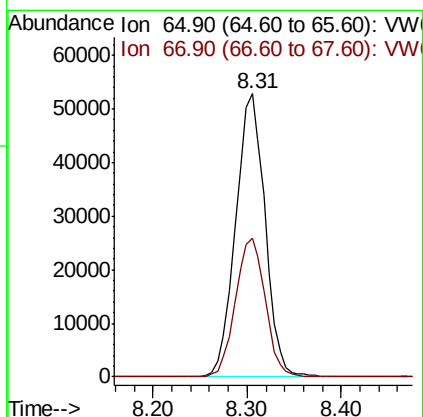
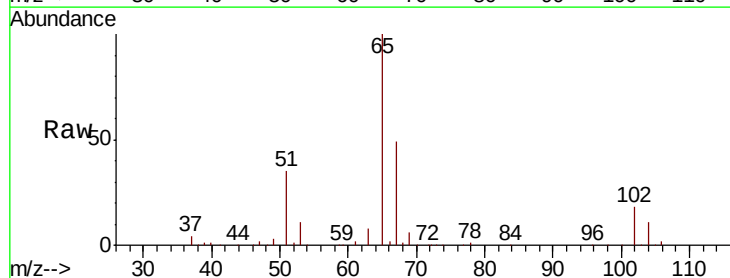
Instrument :
MSVOA_W
ClientSampleId :
PAR-E3-(3.11)

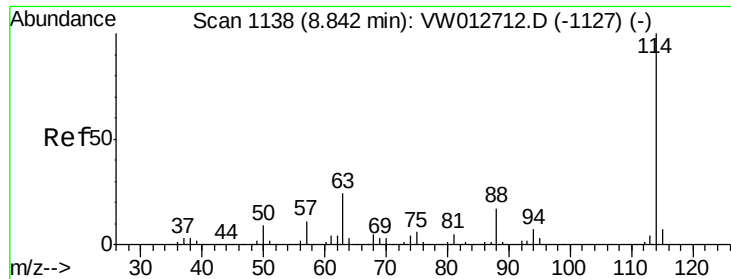
Tot Ion	Ratio	Lower	Upper
42	100		
72	35.7	28.4	42.6
71	22.3	27.1	40.7#



#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012772.D
Acq: 08 Sep 2019 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	101.8

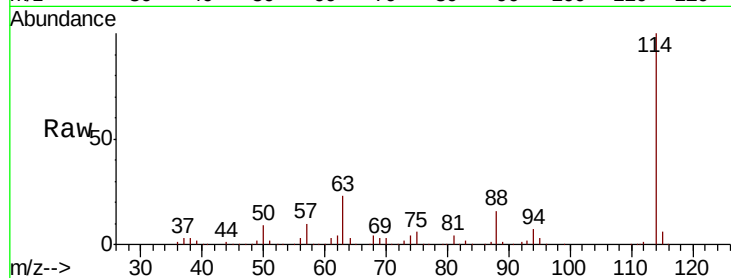




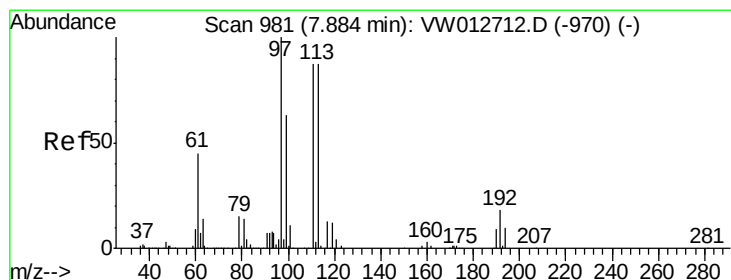
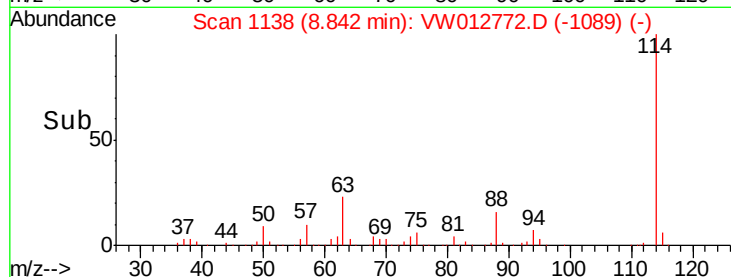
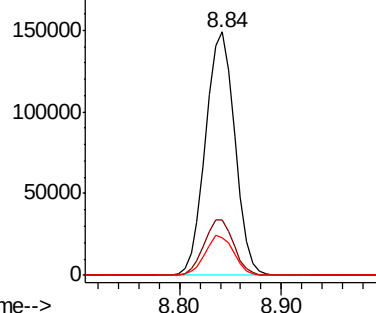
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012772.D
 Acq: 08 Sep 2019 16:27

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E3-(3.11)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.2
88	15.6	0.0	34.0

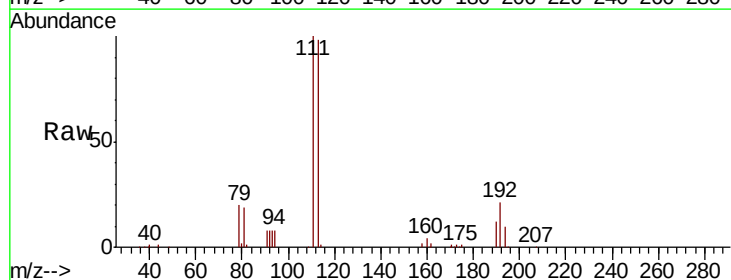


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

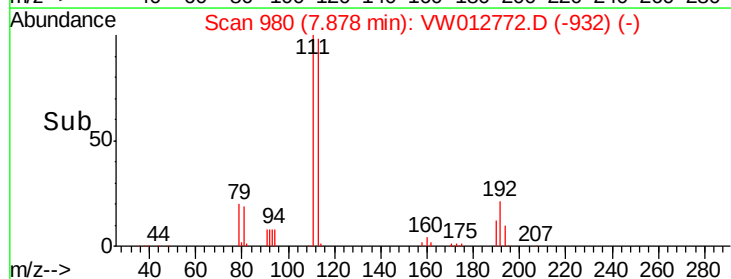
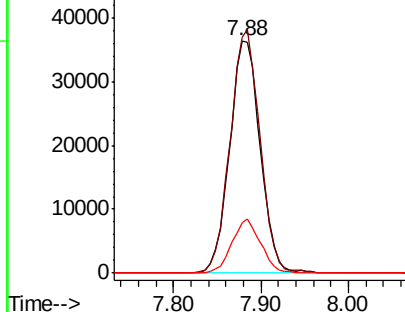


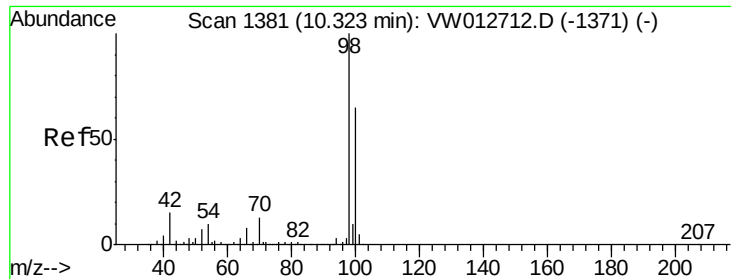
#35
 Dibromofluoromethane
 Concen: 50.113 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012772.D
 Acq: 08 Sep 2019 16:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.2	120.4
192	21.8	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: 49.839 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012772.D

Acq: 08 Sep 2019 16:27

Instrument :

MSVOA_W

ClientSampleId :

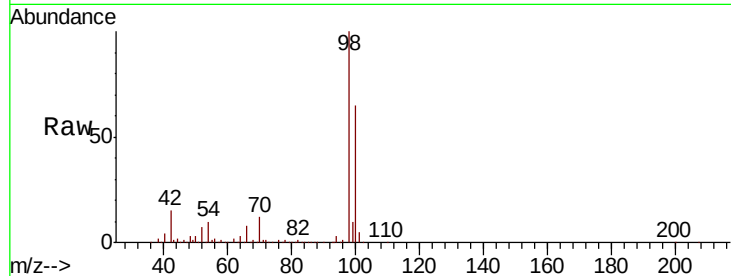
PAR-E3-(3.11)

Tot Ion: 98 Resp: 343651

Ion Ratio Lower Upper

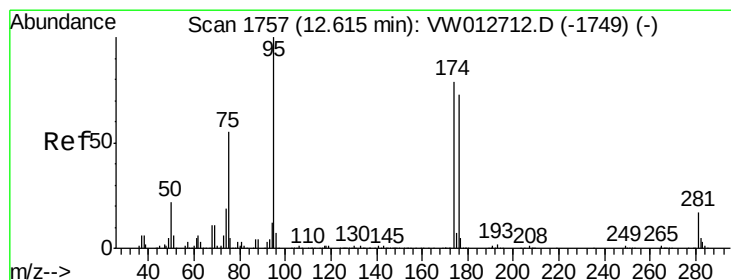
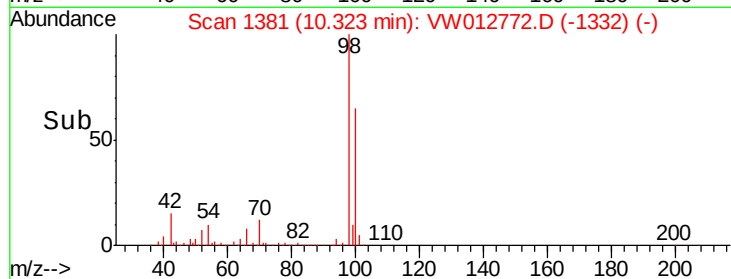
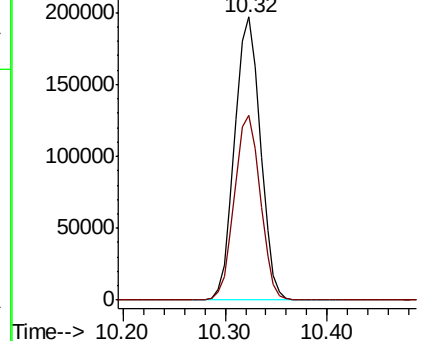
98 100

100 65.7 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: 42.204 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012772.D

Acq: 08 Sep 2019 16:27

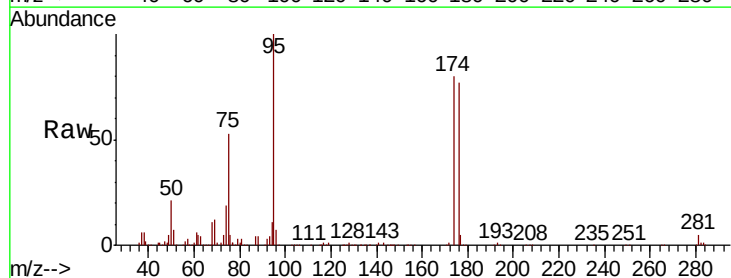
Tgt Ion: 95 Resp: 105644

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.0

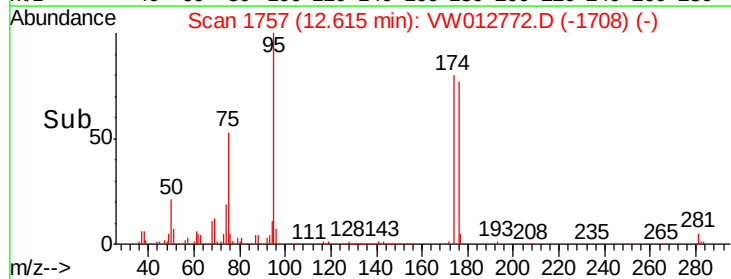
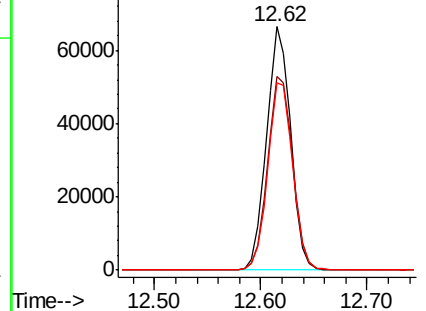
176 79.6 0.0 156.4

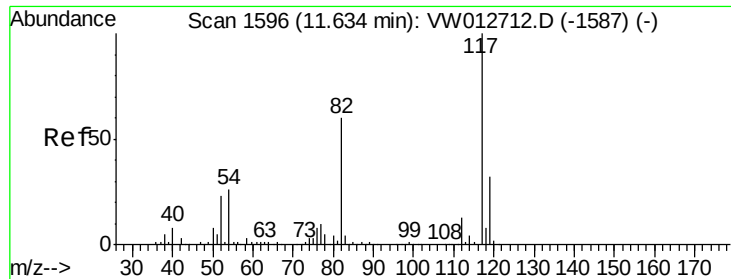


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

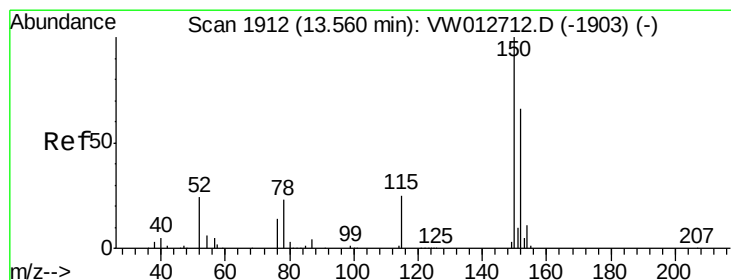
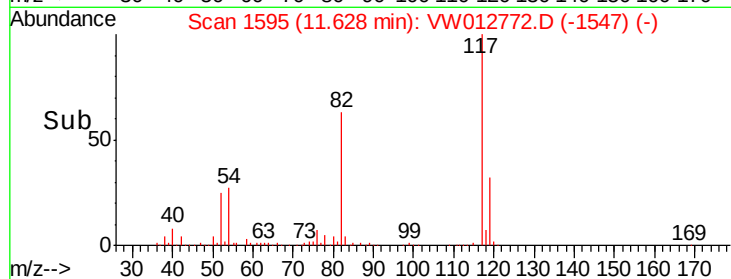
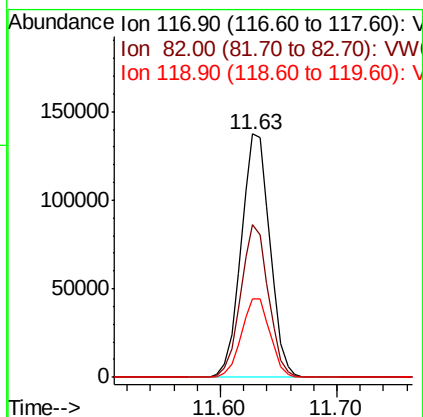
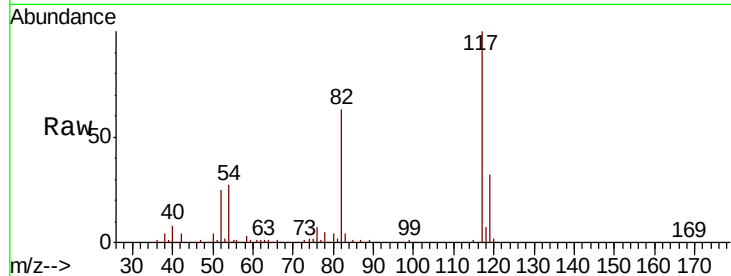




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012772.D
Acq: 08 Sep 2019 16:27

Instrument :
MSVOA_W
ClientSampleId :
PAR-E3-(3.11)

Tot Ion:117 Resp: 237088
Ion Ratio Lower Upper
117 100
82 62.7 48.2 72.4
119 32.2 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: VW012772.D
Acq: 08 Sep 2019 16:27

Tgt Ion:152 Resp: 93333
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.1
150 159.5 0.0 349.0

