

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012778.D
 Acq On : 08 Sep 2019 19:02
 Operator : SY/VA
 Sample : K4603-16
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F1-(3.11)

Quant Time: Sep 09 08:05:28 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

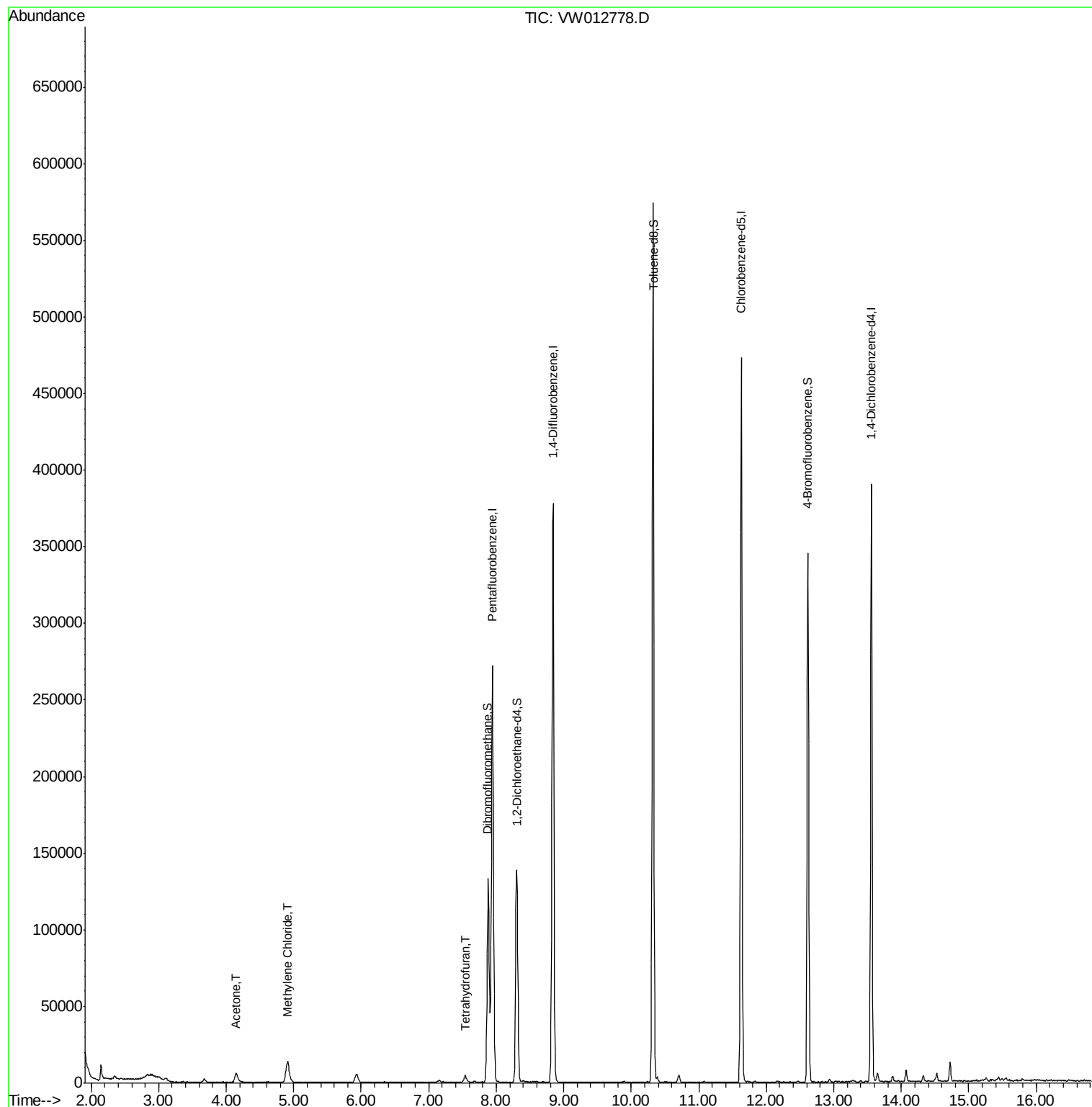
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	119842	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
35) Dibromofluoromethane	7.88	113	91129	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.32	98	359546	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.62	95	108280	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
16) Acetone	4.15	43	12752	20.735	ug/l	99
20) Methylene Chloride	4.91	84	10256	5.330	ug/l	95
29) Tetrahydrofuran	7.54	42	3960	7.974	ug/l	96

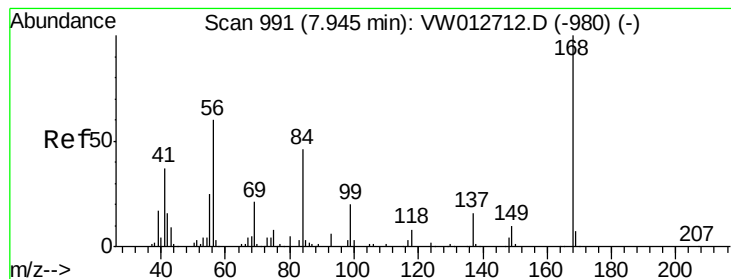
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012778.D

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MSVOA_W

ClientSampleId :

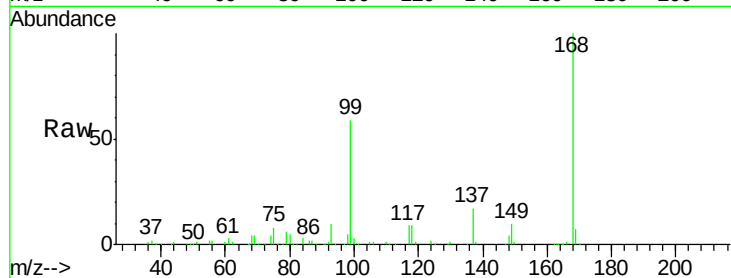
PAR-12-F1-(3.11)

Tot Ion:168 Resp: 201899

Ion Ratio Lower Upper

168 100

99 58.5 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

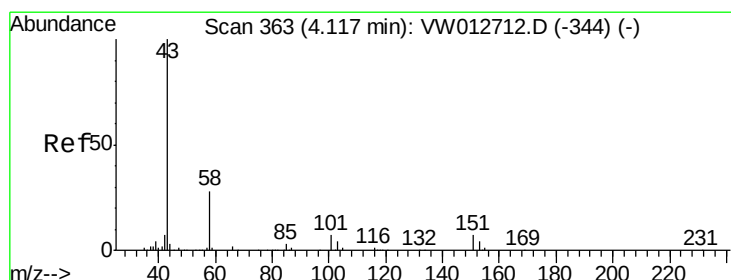
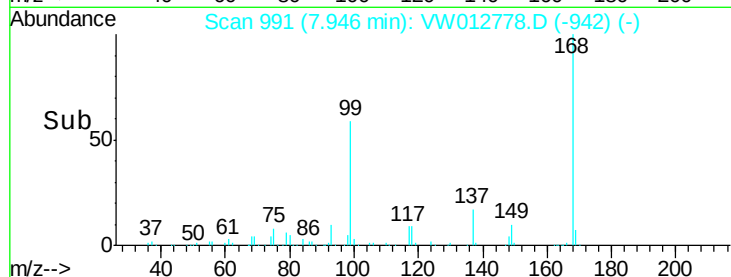
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 20.735 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012778.D

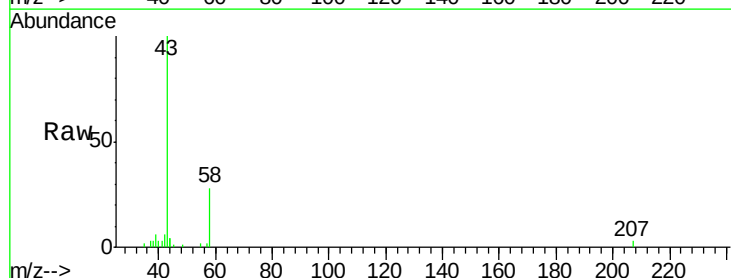
Acq: 08 Sep 2019 19:02

Tgt Ion: 43 Resp: 12752

Ion Ratio Lower Upper

43 100

58 27.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

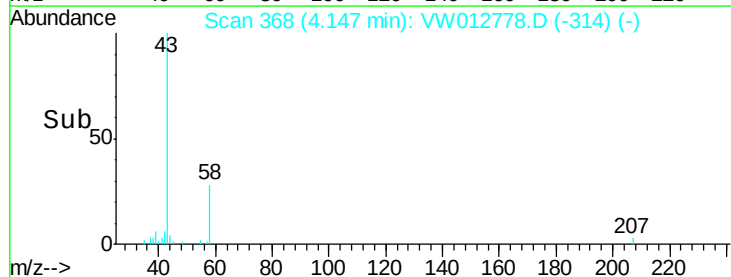
3000

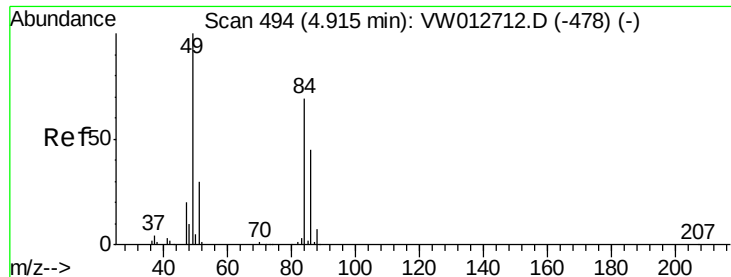
2000

1000

0

Time--> 4.00 4.10 4.20

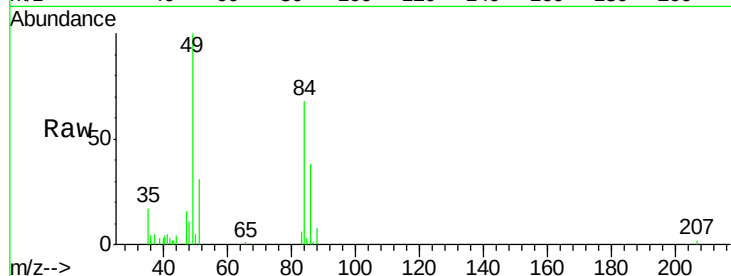




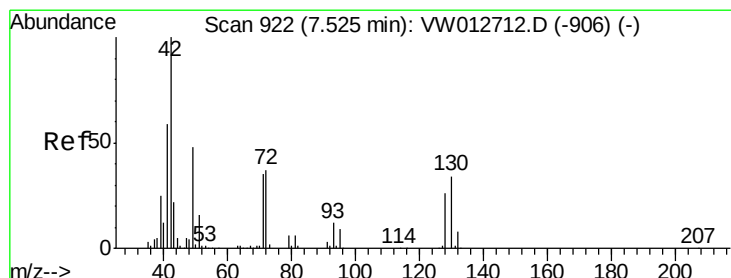
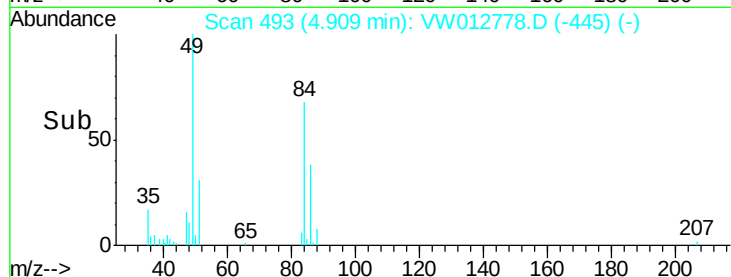
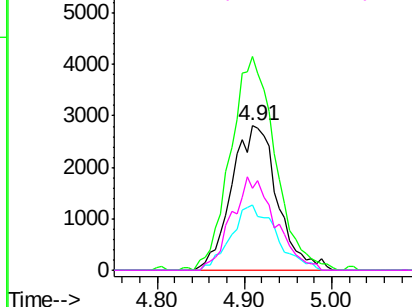
#20
Methylene Chloride
Concen: 5.330 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012778.D
Acq: 08 Sep 2019 19:02

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F1-(3.11)

Tot Ion:	84	Resp:	10256
Ion	Ratio	Lower	Upper
84	100		
49	147.7	115.4	173.0
51	45.3	34.9	52.3
86	56.6	52.2	78.4

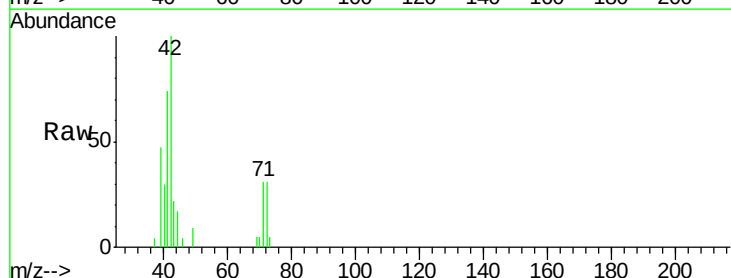


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

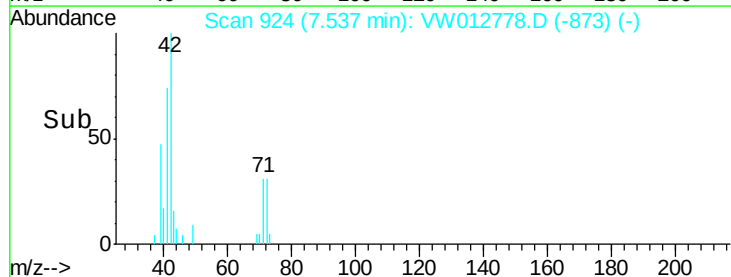
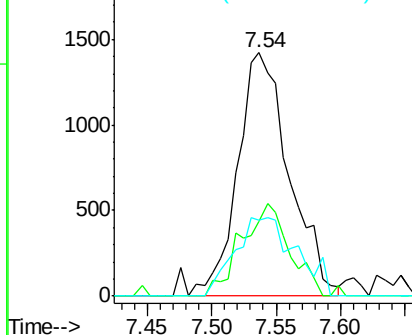


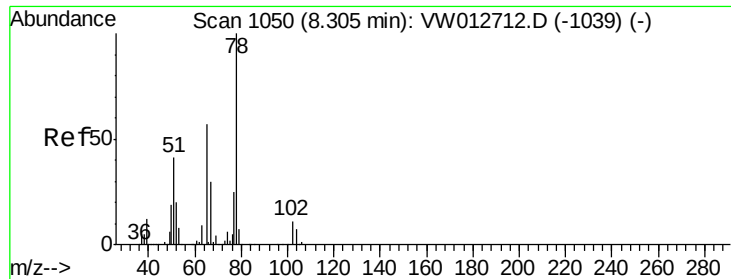
#29
Tetrahydrofuran
Concen: 7.974 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012778.D
Acq: 08 Sep 2019 19:02

Tgt Ion:	42	Resp:	3960
Ion	Ratio	Lower	Upper
42	100		
72	35.6	28.4	42.6
71	38.2	27.1	40.7



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

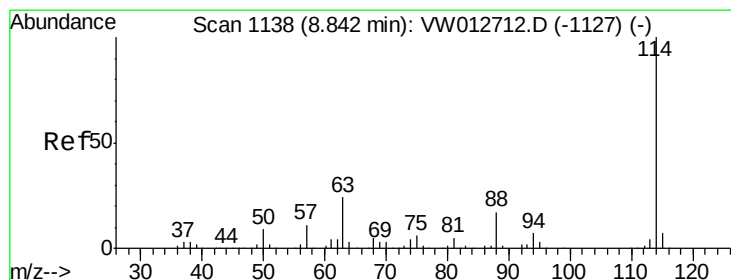
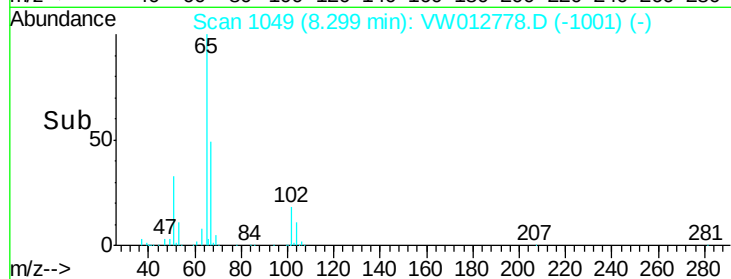
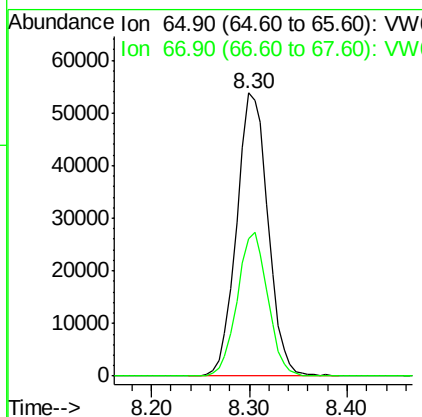
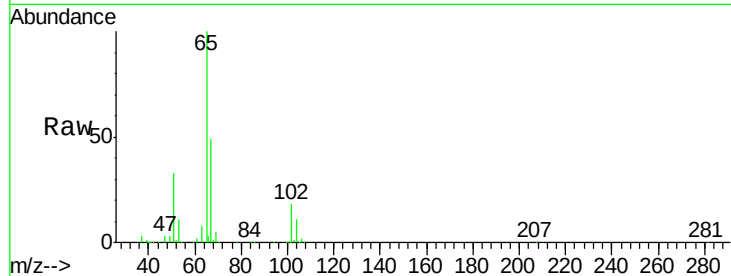




#33
 1,2-Dichloroethane-d4
 Concen: 53.124 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012778.D
 Acq: 08 Sep 2019 19:02

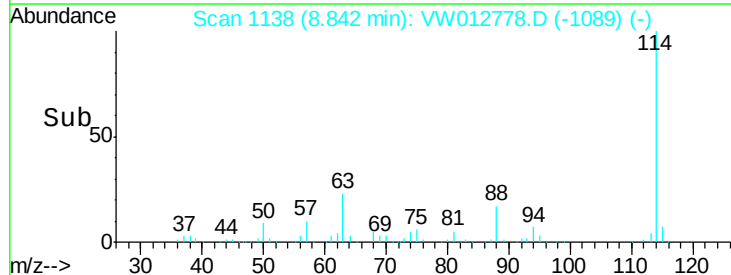
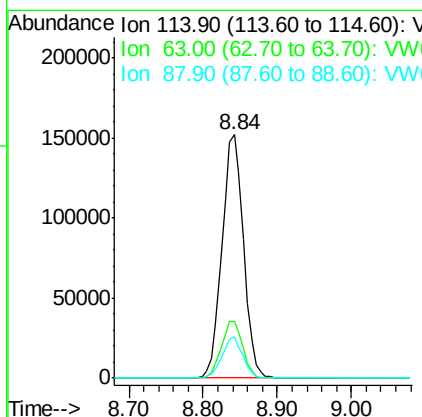
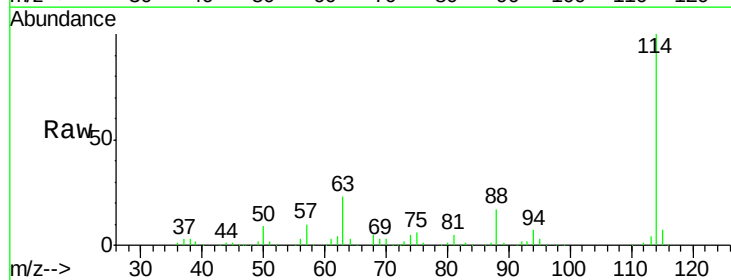
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F1-(3.11)

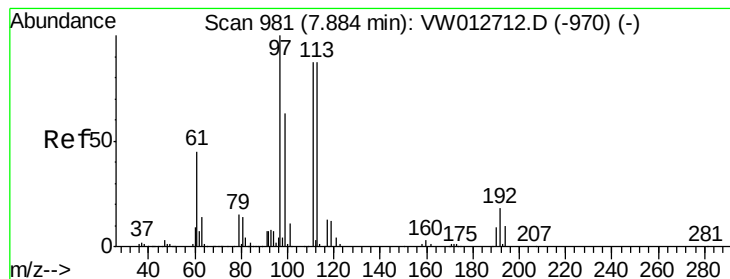
Tot Ion: 65 Resp: 119842
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012778.D
 Acq: 08 Sep 2019 19:02

Tgt Ion: 114 Resp: 304852
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.280 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012778.D

Acq: 08 Sep 2019 19:02

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F1-(3.11)

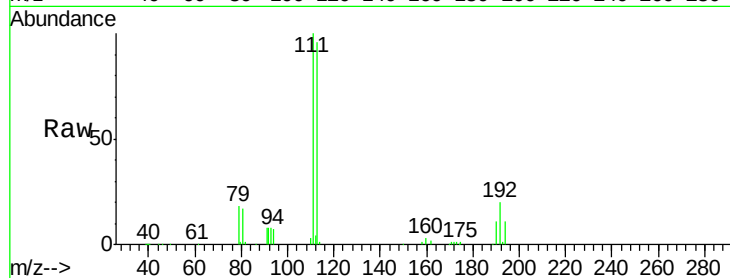
Tot Ion:113 Resp: 91129

Ion Ratio Lower Upper

113 100

111 105.2 80.2 120.4

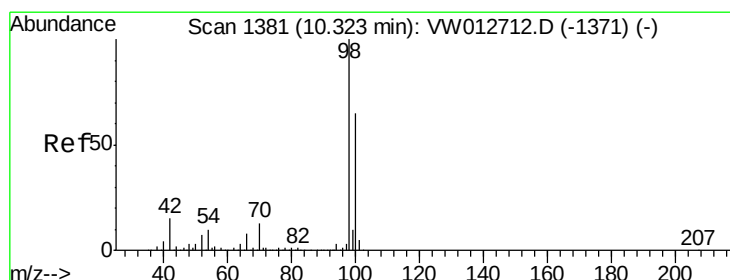
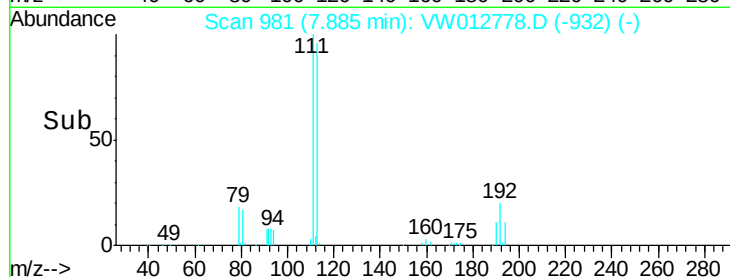
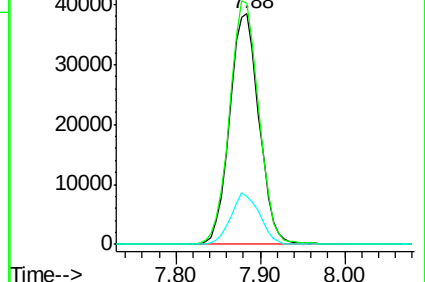
192 21.8 17.3 25.9



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: 50.635 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012778.D

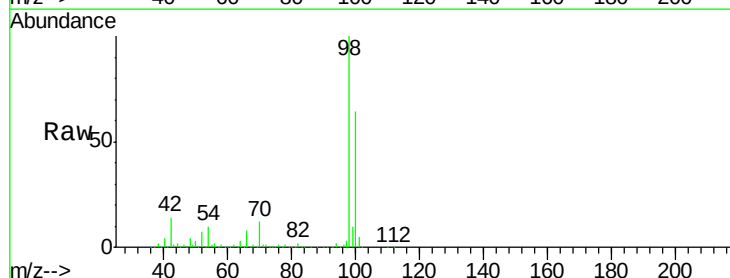
Acq: 08 Sep 2019 19:02

Tgt Ion: 98 Resp: 359546

Ion Ratio Lower Upper

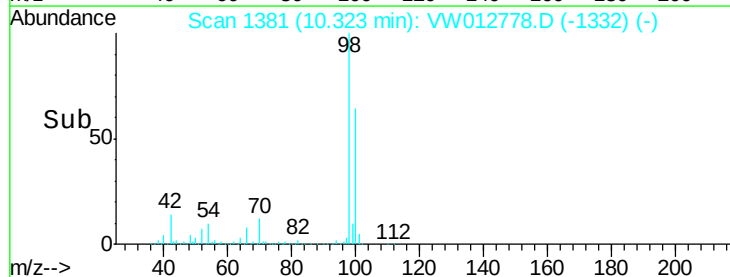
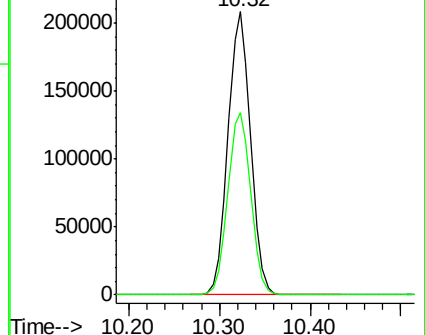
98 100

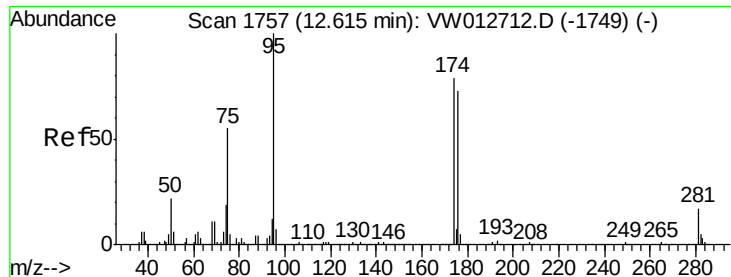
100 65.4 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

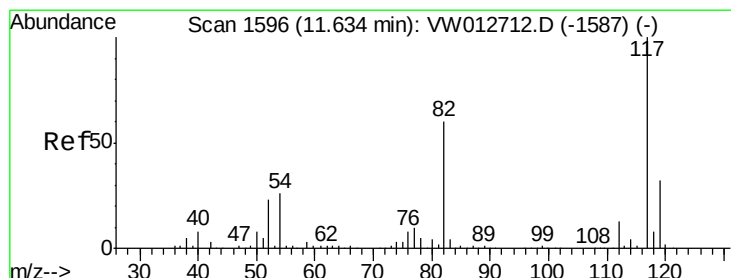
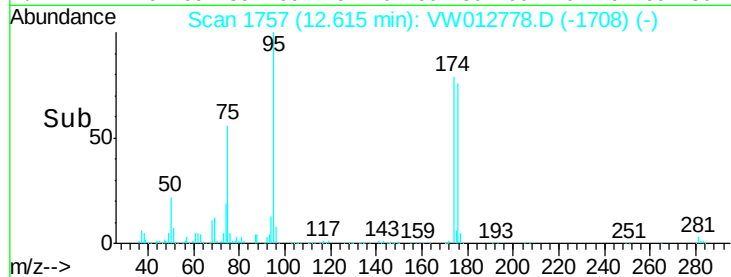
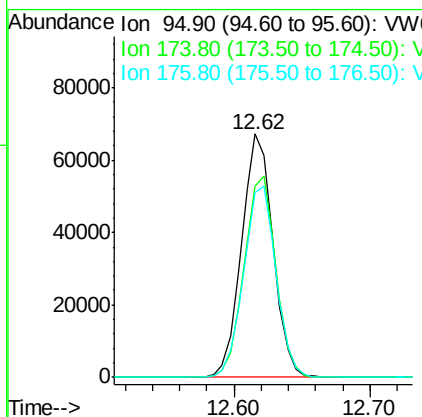
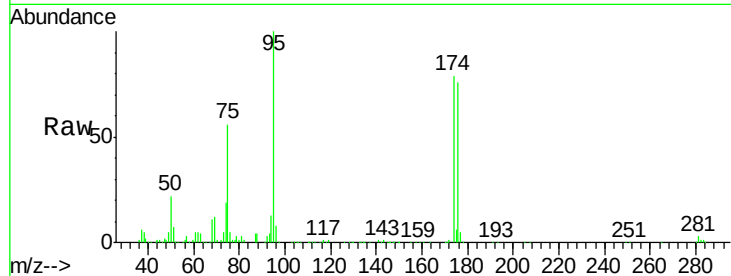




#62
4-Bromofluorobenzene
Concen: 42.005 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012778.D
Acq: 08 Sep 2019 19:02

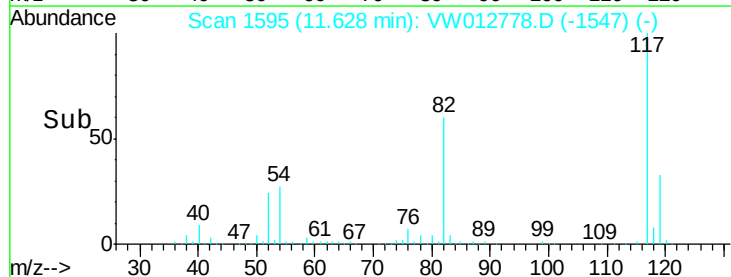
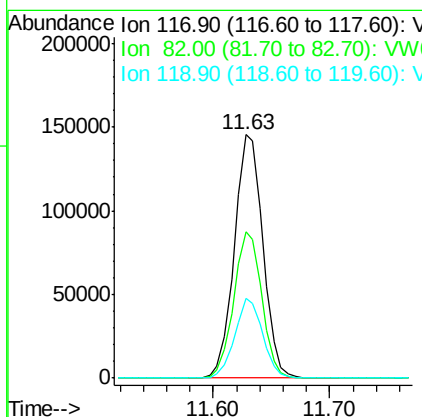
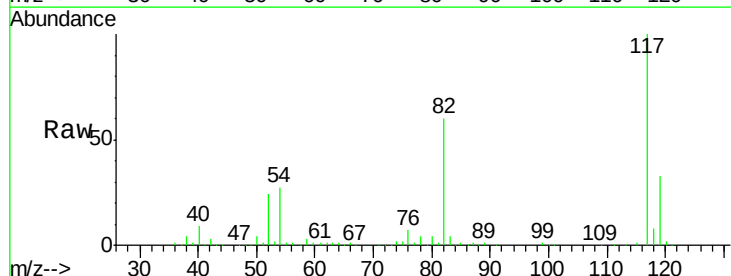
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PAR-12-F1-(3.11)

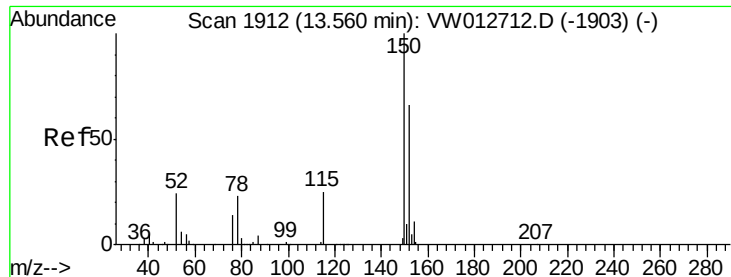
Tot Ion	95	Resp	108280
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	161.0
176	81.1	0.0	156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012778.D
Acq: 08 Sep 2019 19:02

Tgt Ion	117	Resp	247949
Ion Ratio	Lower	Upper	
117	100		
82	60.4	48.2	72.4
119	32.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012778.D

Acq: 08 Sep 2019 19:02

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F1-(3.11)

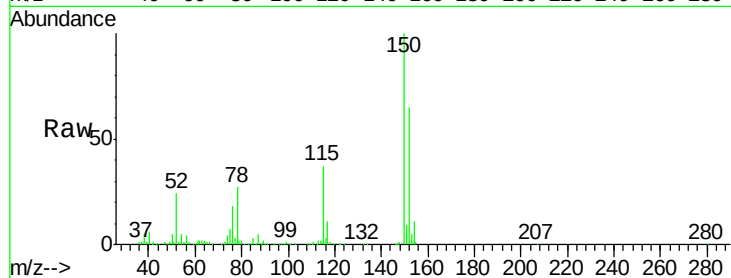
Tot Ion:152 Resp: 101062

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.1

150 153.3 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

