

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012775.D
 Acq On : 08 Sep 2019 17:44
 Operator : SY/VA
 Sample : K4603-13
 Misc : 4.76G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F2-(0)

Quant Time: Sep 09 07:59:54 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

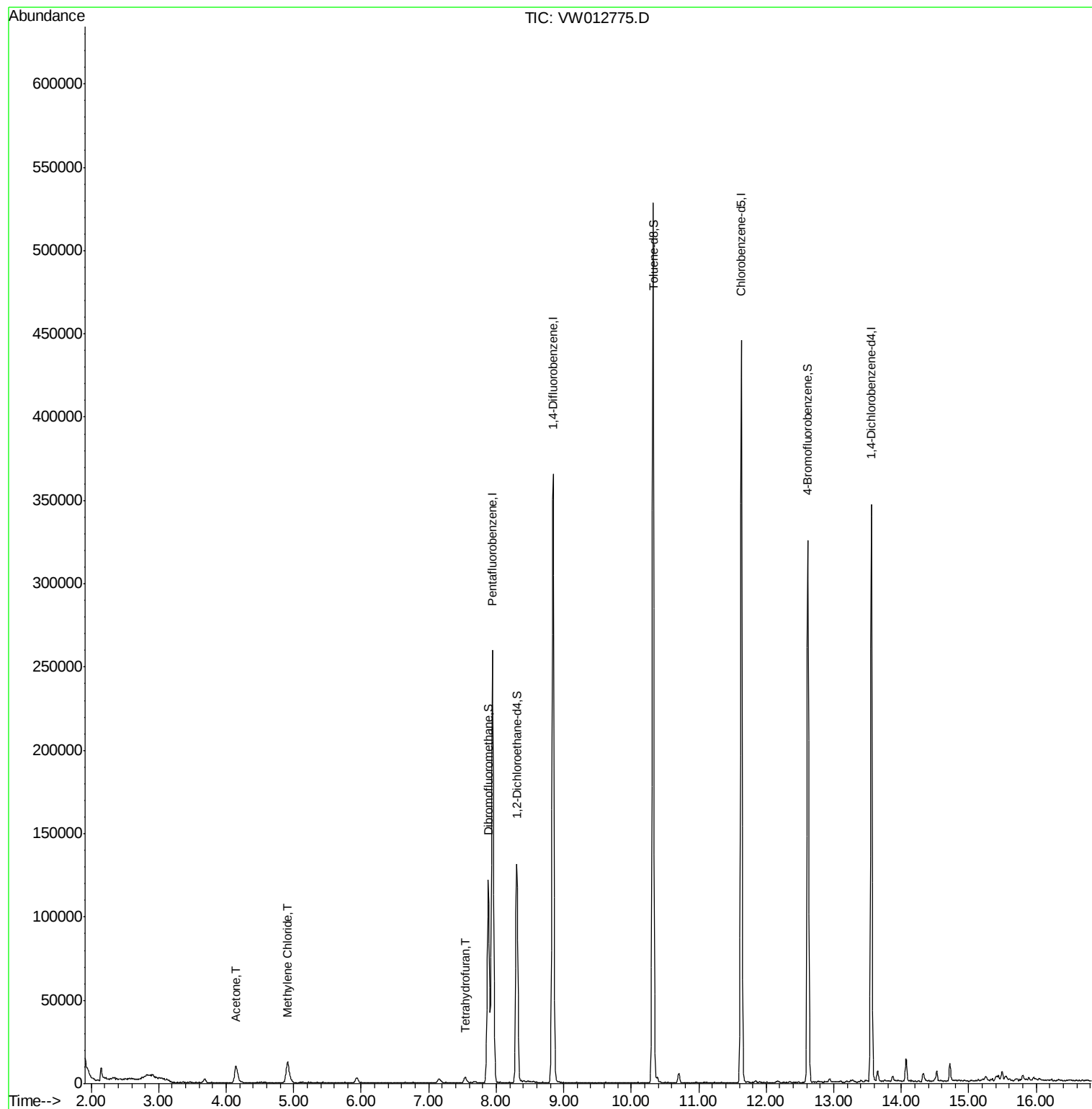
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112541	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.88	113	87023	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.32	98	341800	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.62	95	101267	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.12%	
Target Compounds						
16) Acetone	4.14	43	22137	38.136	ug/l	93
20) Methylene Chloride	4.90	84	9562	5.265	ug/l	86
29) Tetrahydrofuran	7.54	42	2674	5.704	ug/l #	86

(#) = 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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Instrument :

MSVOA_W

ClientSampleId :

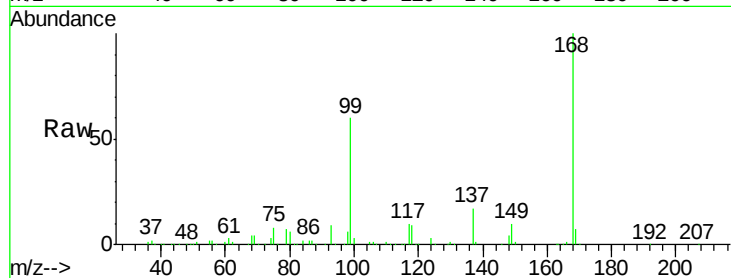
PAR-12-F2-(0)

Tot Ion:168 Resp: 190566

Ion Ratio Lower Upper

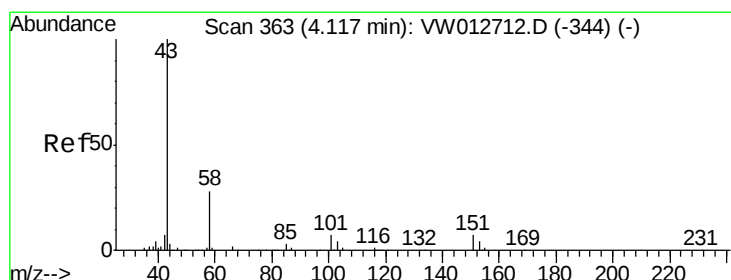
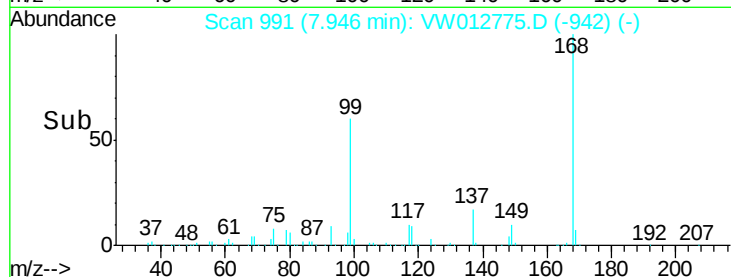
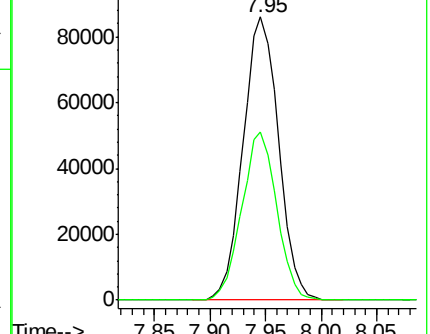
168 100

99 59.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.136 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012775.D

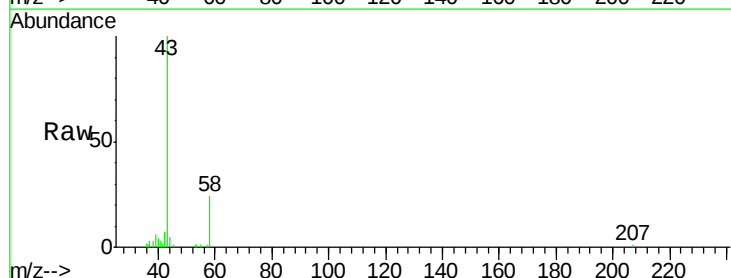
Acq: 08 Sep 2019 17:44

Tgt Ion: 43 Resp: 22137

Ion Ratio Lower Upper

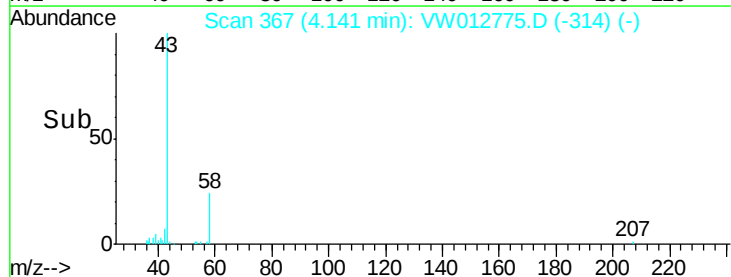
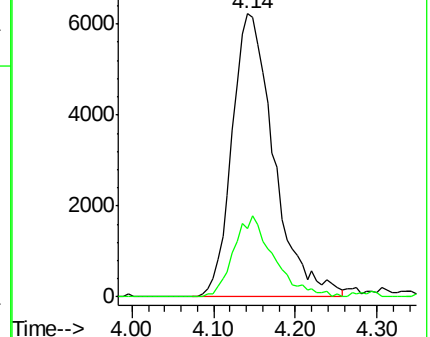
43 100

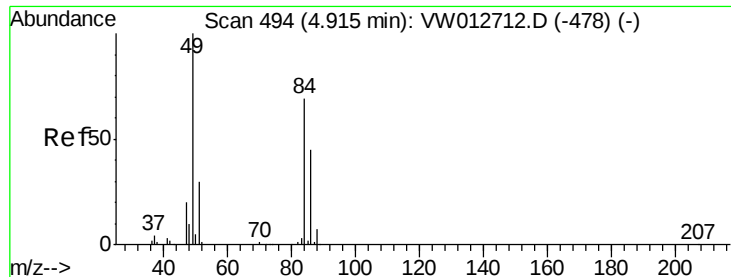
58 24.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

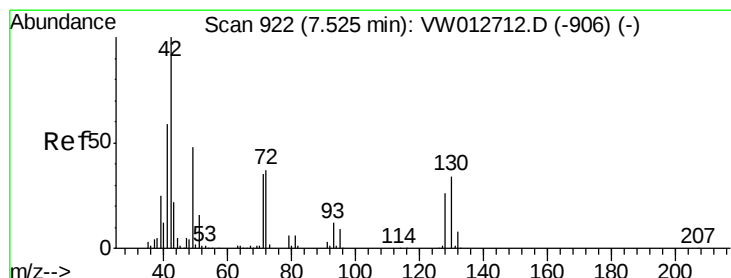
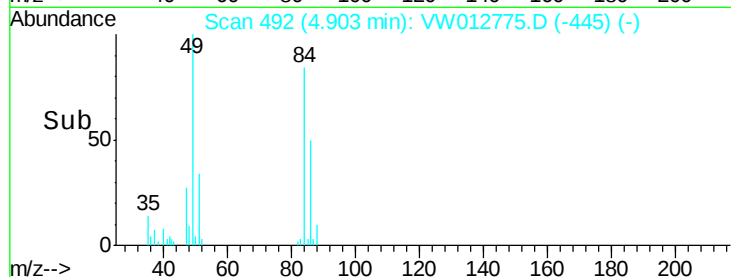
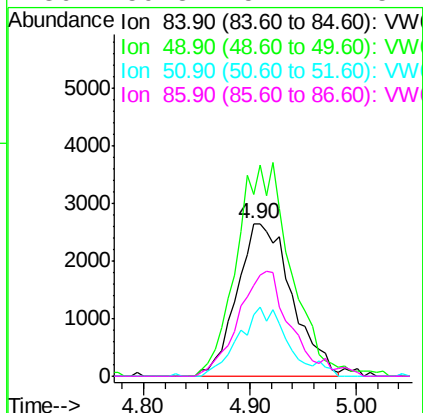
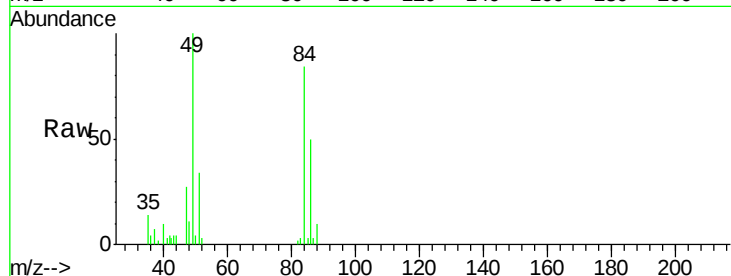




#20
Methylene Chloride
Concen: 5.265 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012775.D
Acq: 08 Sep 2019 17:44

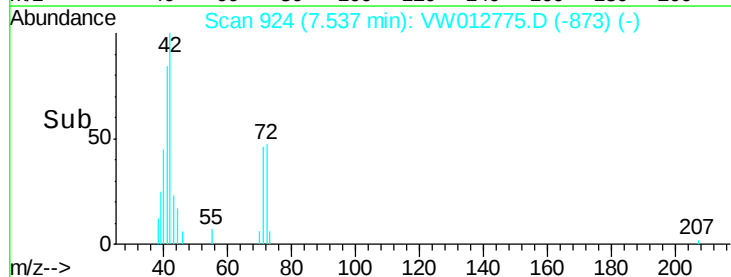
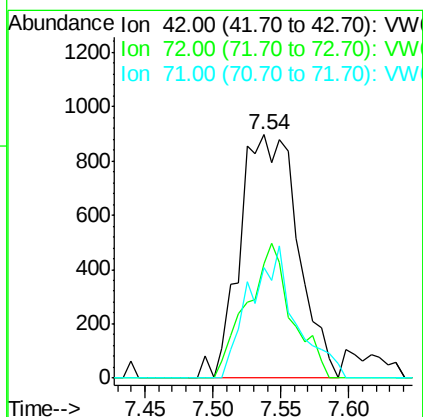
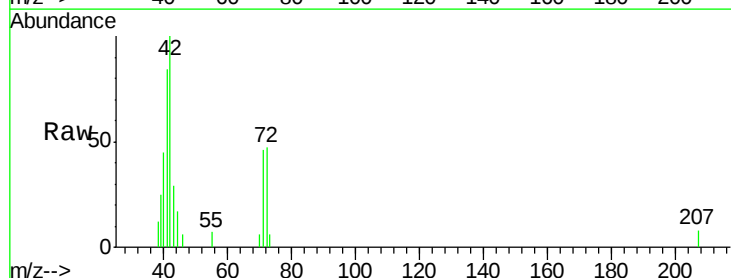
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F2-(0)

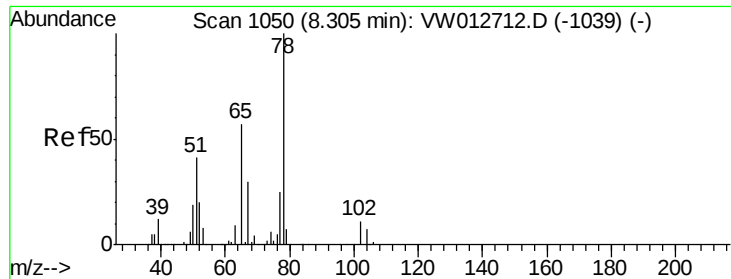
Tot Ion:	84	Resp:	9562
Ion	Ratio	Lower	Upper
84	100		
49	119.7	115.4	173.0
51	40.6	34.9	52.3
86	59.8	52.2	78.4



#29
Tetrahydrofuran
Concen: 5.704 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012775.D
Acq: 08 Sep 2019 17:44

Tgt Ion:	42	Resp:	2674
Ion	Ratio	Lower	Upper
42	100		
72	43.0	28.4	42.6#
71	42.7	27.1	40.7#





#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012775.D

Acq: 08 Sep 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

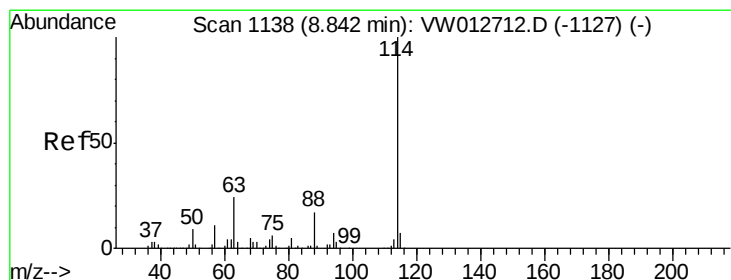
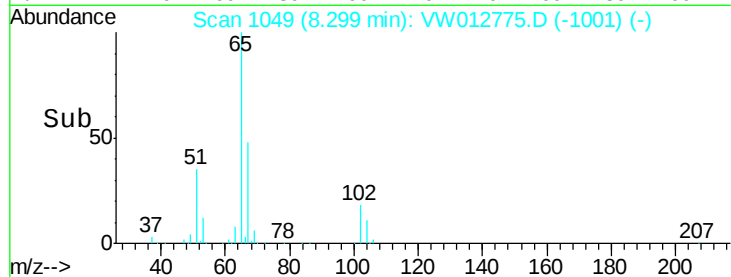
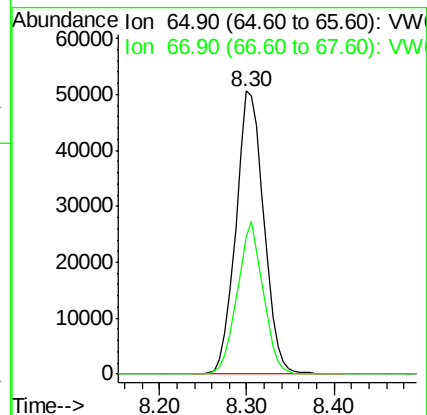
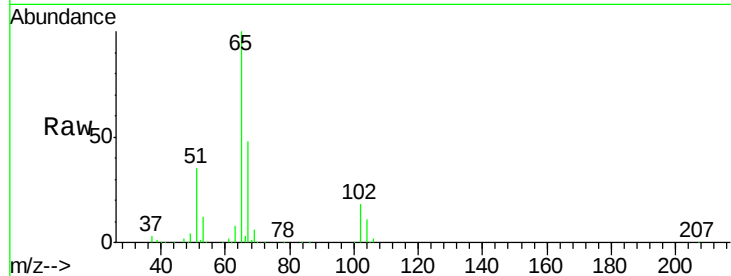
PAR-12-F2-(0)

Tot Ion: 65 Resp: 112541

Ion Ratio Lower Upper

65 100

67 49.9 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: VW012775.D

Acq: 08 Sep 2019 17:44

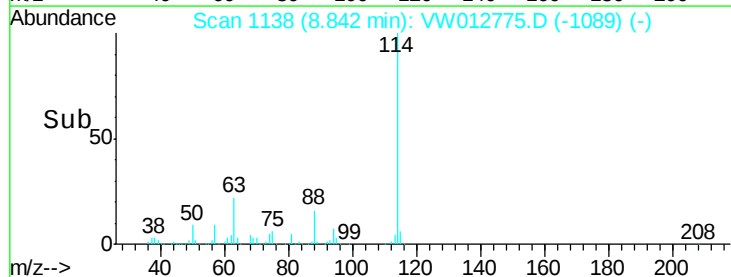
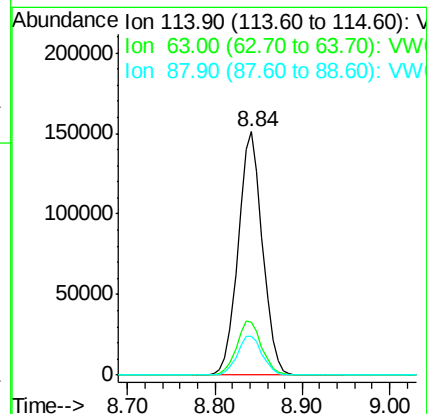
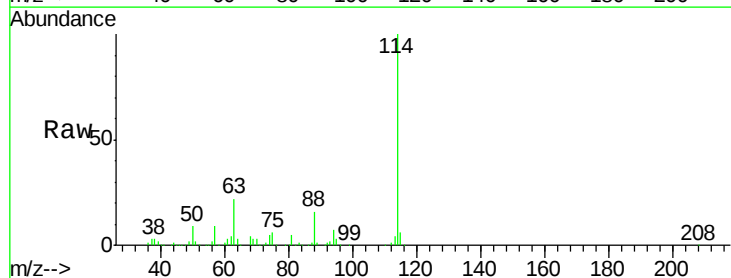
Tgt Ion: 114 Resp: 291689

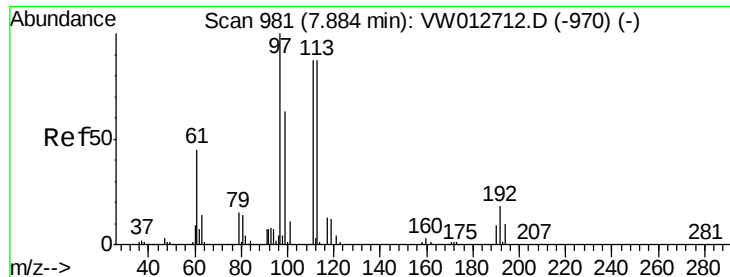
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.2

88 15.8 0.0 34.0

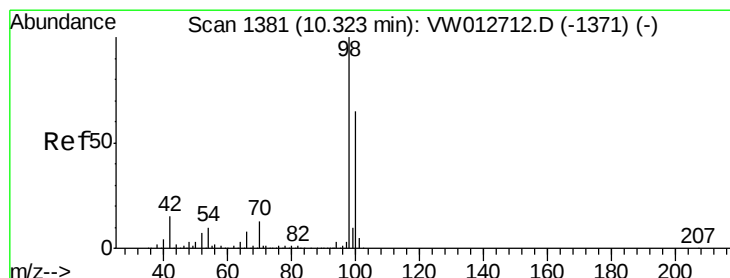
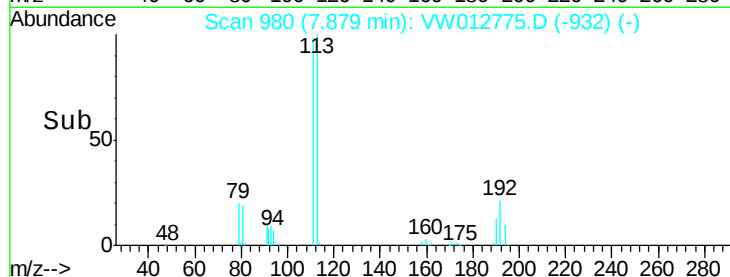
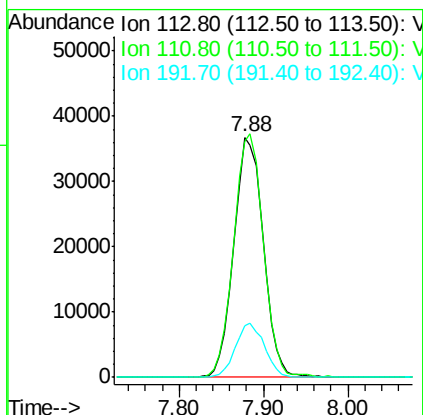
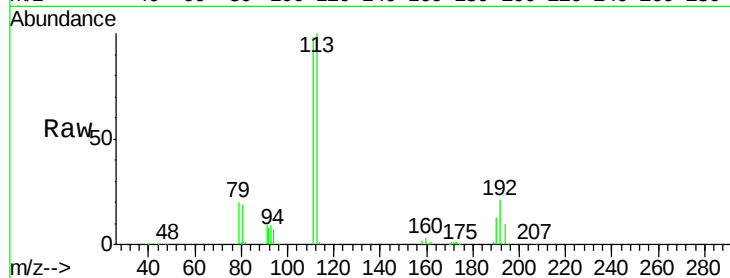




#35
 Dibromofluoromethane
 Concen: 50.181 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012775.D
 Acq: 08 Sep 2019 17:44

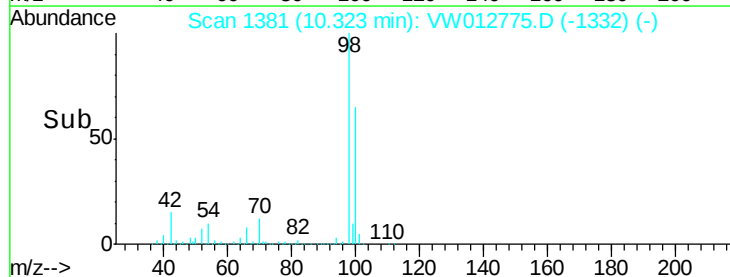
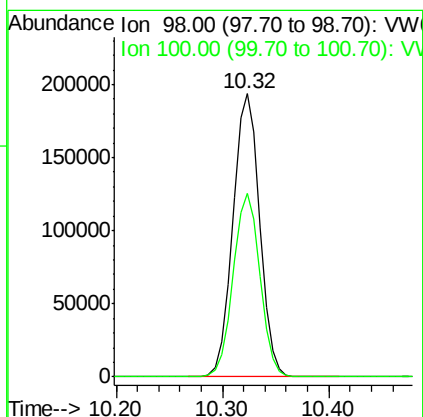
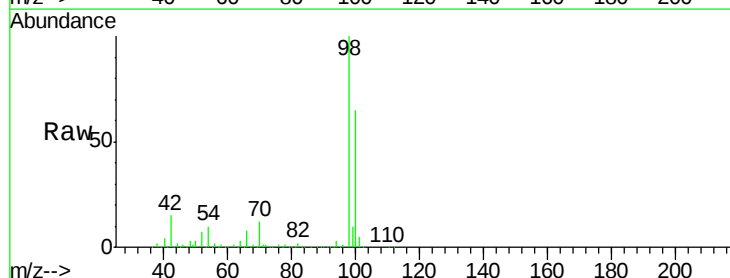
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-F2-(0)

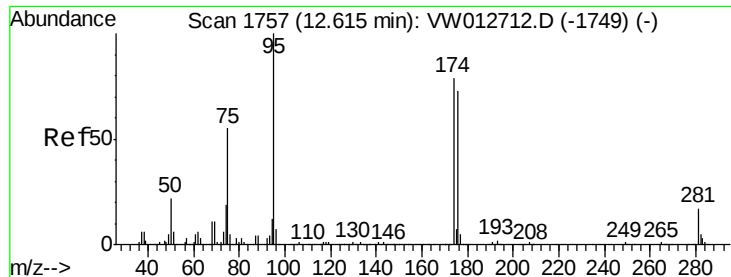
Tot Ion:113 Resp: 87023
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.2 120.4
 192 22.3 17.3 25.9



#50
 Toluene-d8
 Concen: 50.309 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012775.D
 Acq: 08 Sep 2019 17:44

Tgt Ion: 98 Resp: 341800
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.2 78.4

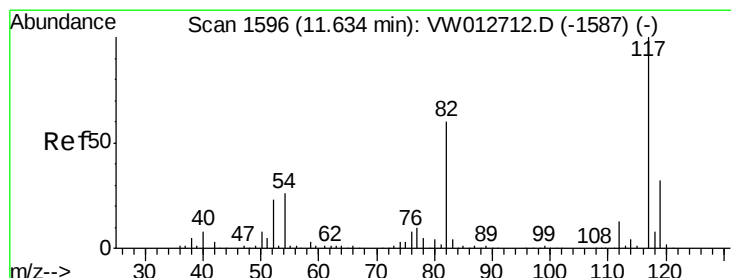
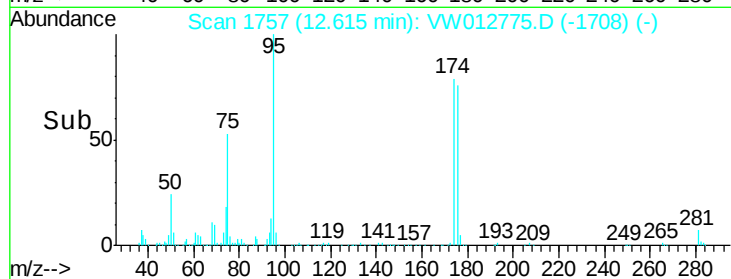
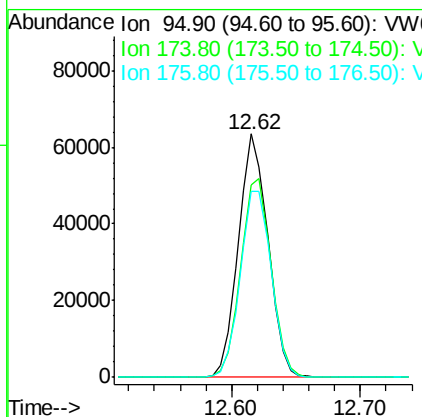
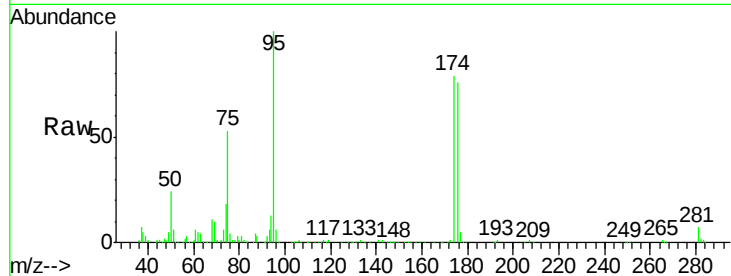




#62
4-Bromofluorobenzene
Concen: 41.058 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012775.D
Acq: 08 Sep 2019 17:44

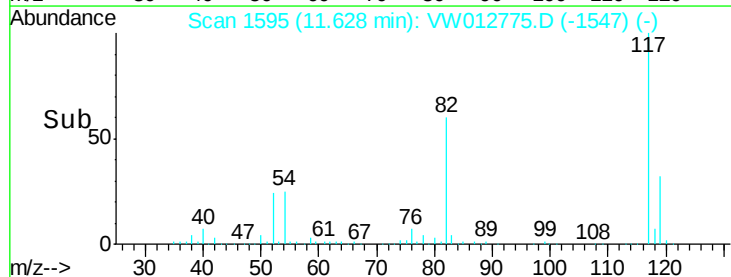
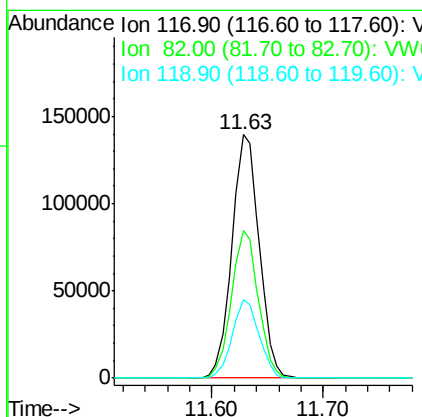
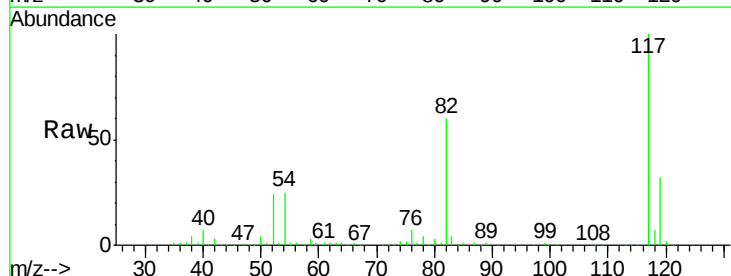
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-F2-(0)

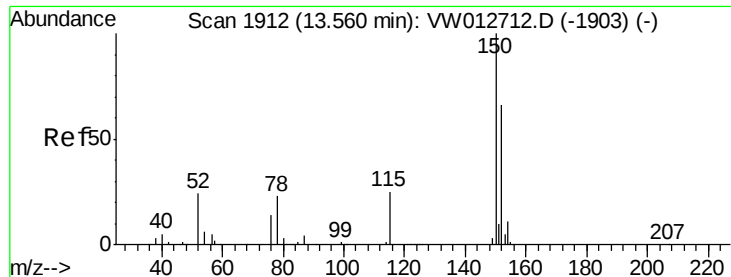
Tot Ion: 95 Resp: 101267
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.0
176 79.8 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012775.D
Acq: 08 Sep 2019 17:44

Tgt Ion: 117 Resp: 236393
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 32.4 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: VW012775.D

Acq: 08 Sep 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-F2-(0)

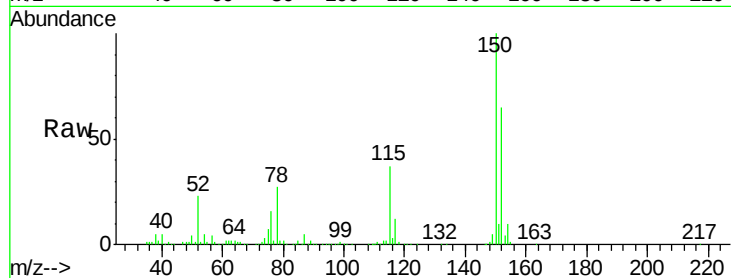
Tot Ion:152 Resp: 90427

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.1

150 156.4 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

