

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012619.D
 Acq On : 05 Sep 2019 05:16
 Operator : SY/VA
 Sample : K4547-11
 Misc : 5.51G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G1-(0)

Quant Time: Sep 05 07:51:18 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

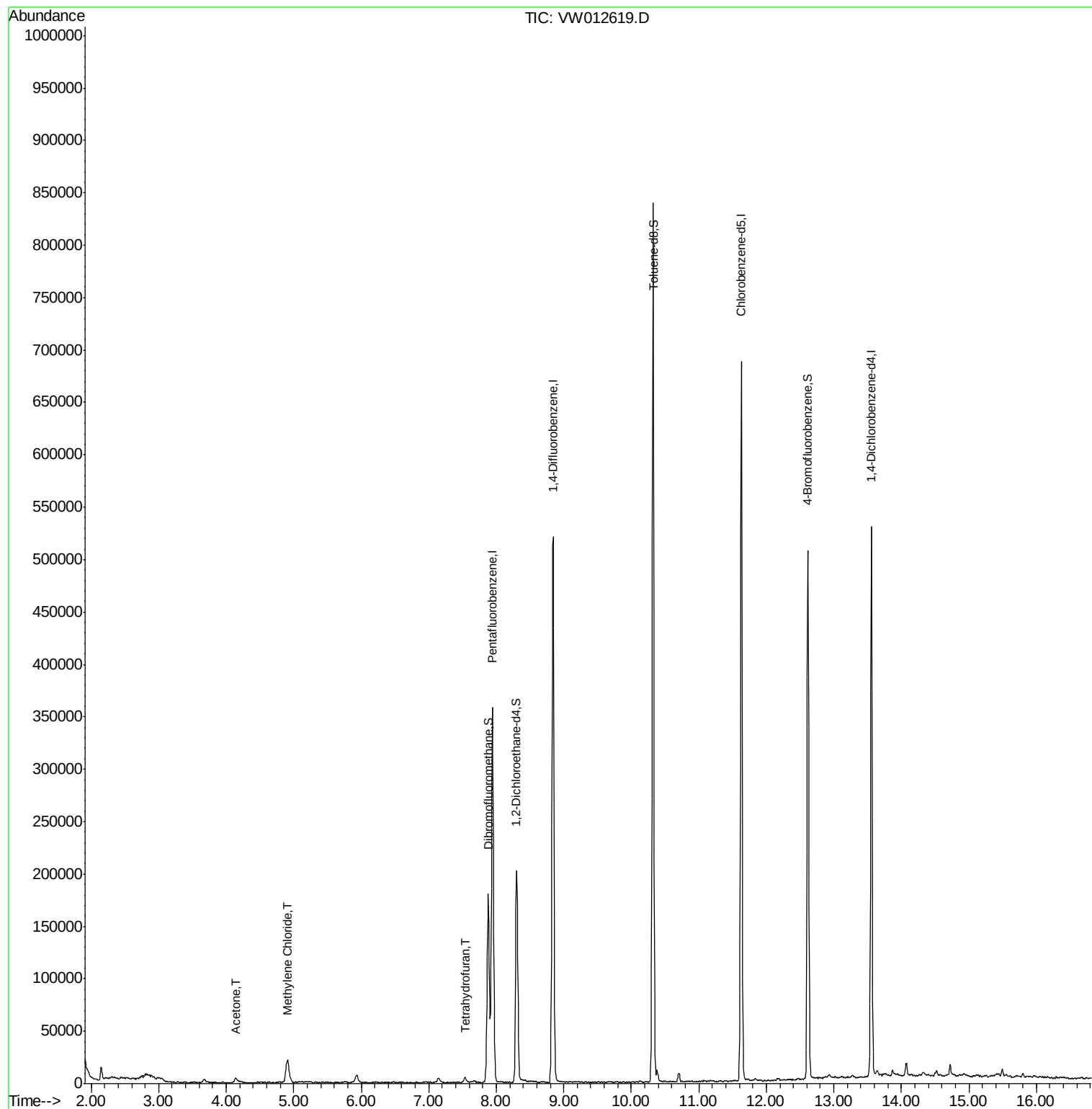
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	169491	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	7.88	113	128868	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.32	98	520998	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.61	95	161141	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
16) Acetone	4.14	43	8160	10.489	ug/l	98
20) Methylene Chloride	4.92	84	15902	5.407	ug/l	88
29) Tetrahydrofuran	7.54	42	3951	6.229	ug/l #	87

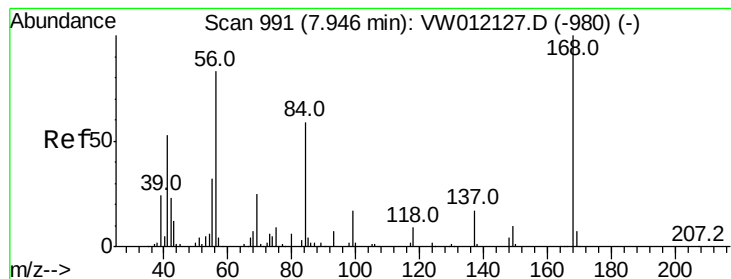
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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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: VW012619.D

Acq: 05 Sep 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

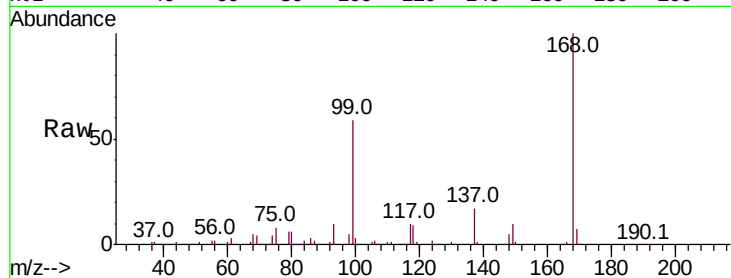
T7-S-G1-(0)

Tot Ion:168 Resp: 256027

Ion Ratio Lower Upper

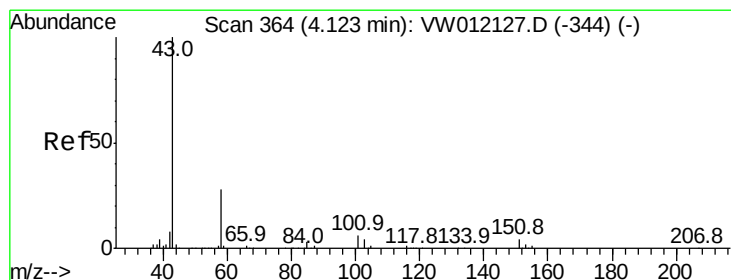
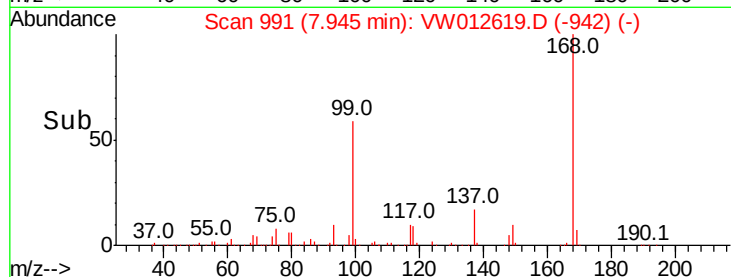
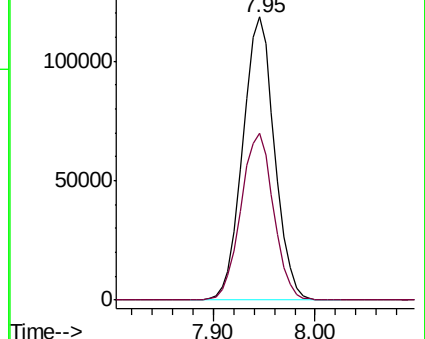
168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.489 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012619.D

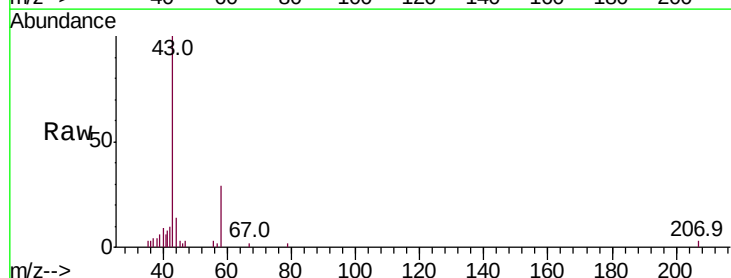
Acq: 05 Sep 2019 05:16

Tgt Ion: 43 Resp: 8160

Ion Ratio Lower Upper

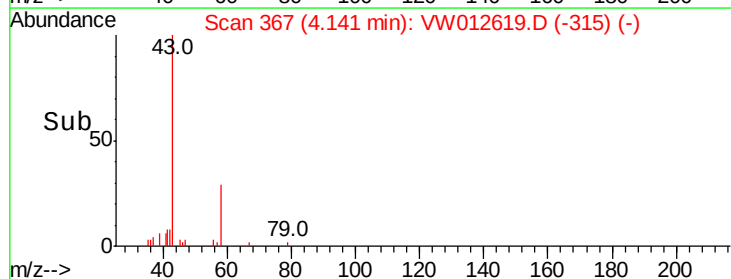
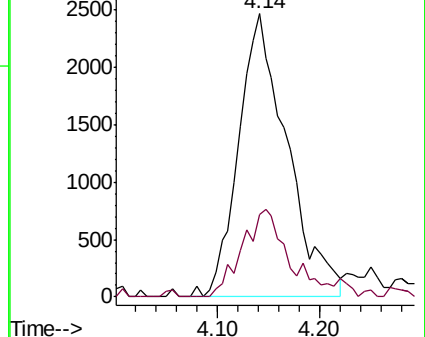
43 100

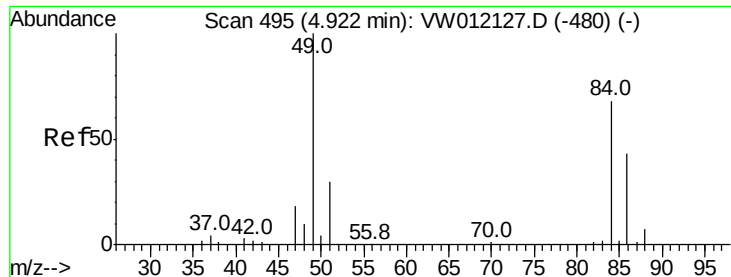
58 29.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

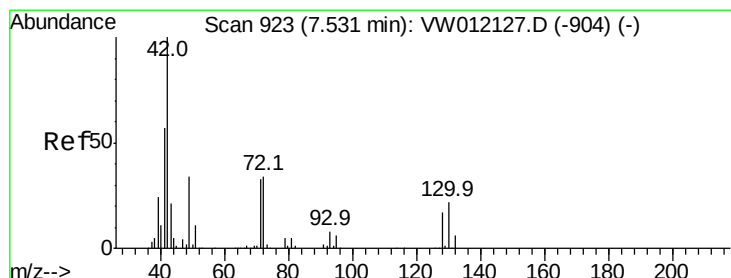
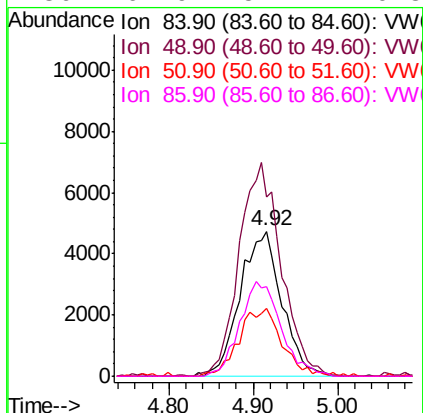
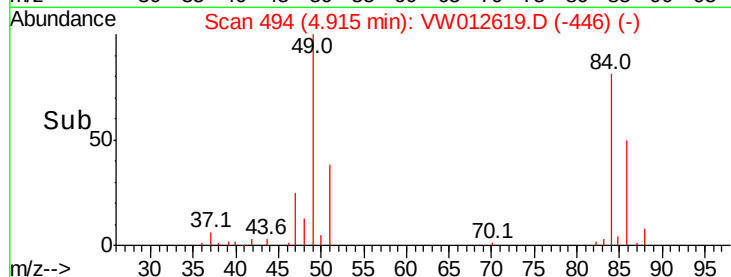
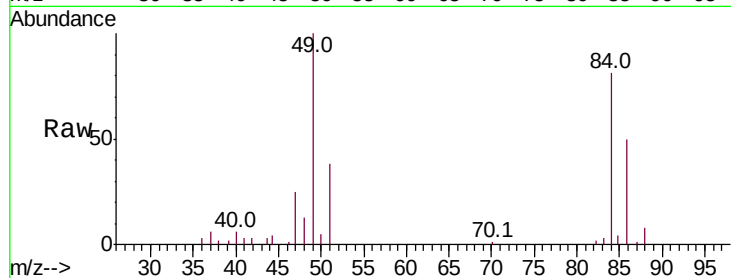




#20
Methvlene Chloride
Concen: 5.407 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012619.D
Acq: 05 Sep 2019 05:16

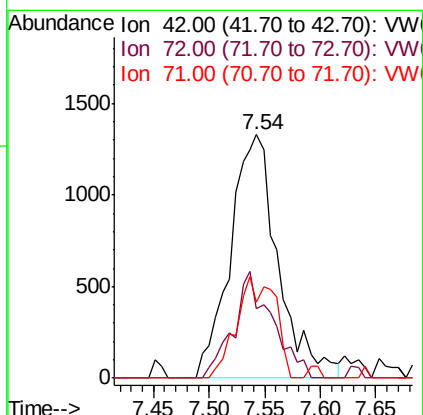
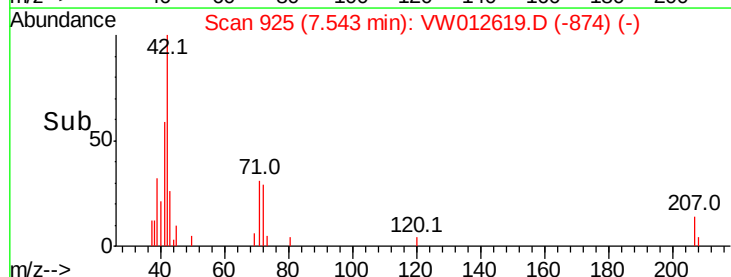
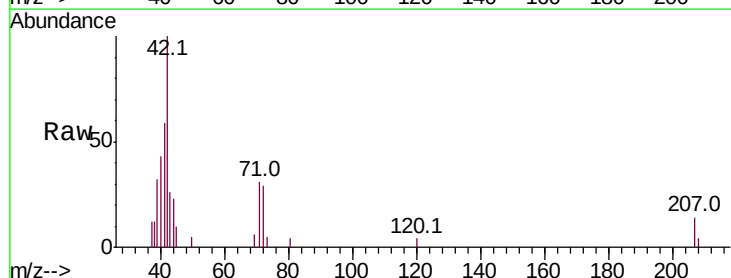
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G1-(0)

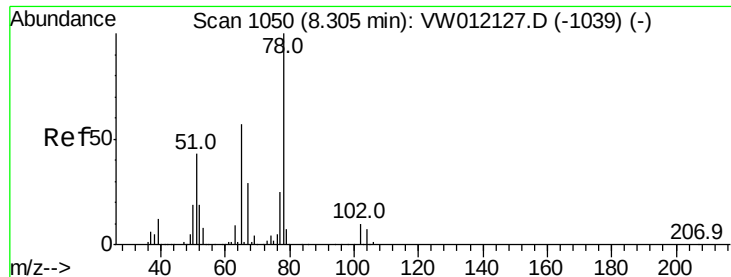
Tot Ion:	84	Resp:	15902
Ion	Ratio	Lower	Upper
84	100		
49	123.8	117.8	176.8
51	46.6	35.6	53.4
86	61.9	51.2	76.8



#29
Tetrahydrofuran
Concen: 6.229 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012619.D
Acq: 05 Sep 2019 05:16

Tgt Ion:	42	Resp:	3951
Ion	Ratio	Lower	Upper
42	100		
72	35.7	27.3	40.9
71	19.1	25.5	38.3#





#33

1,2-Dichloroethane-d4

Concen: 55.689 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

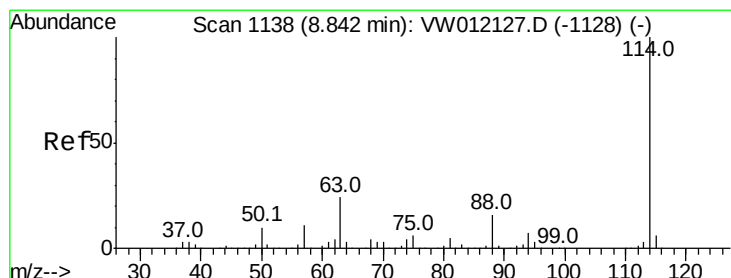
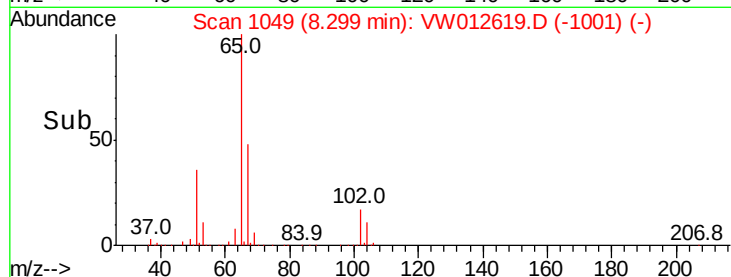
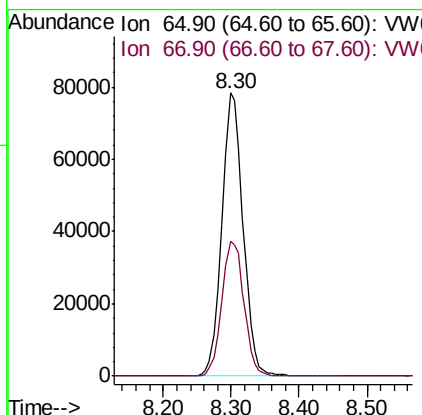
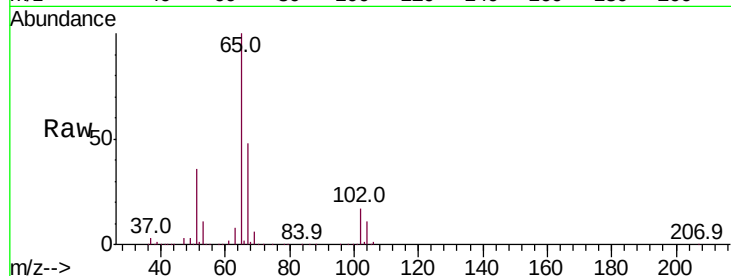
Lab File: VW012619.D

Acq: 05 Sep 2019 05:16

Instrument :
MSVOA_W
ClientSampleId :
T7-S-G1-(0)

Tot Ion: 65 Resp: 169491

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

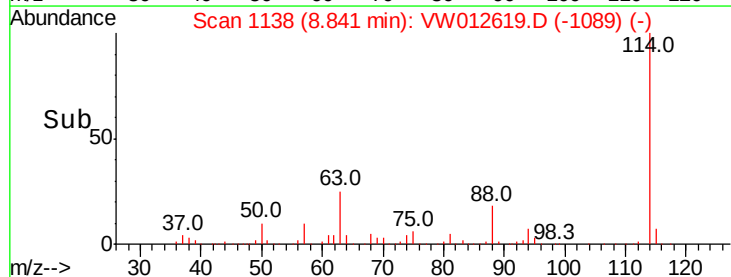
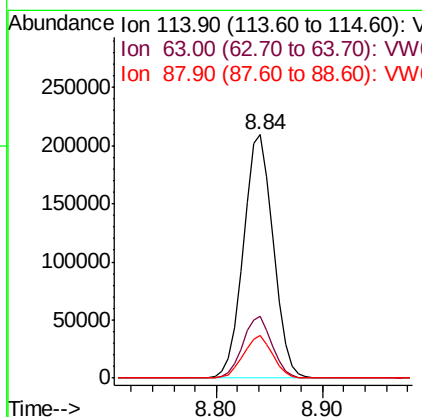
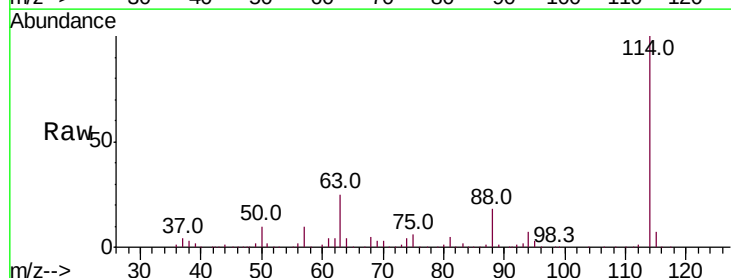
Delta R.T. -0.00 min

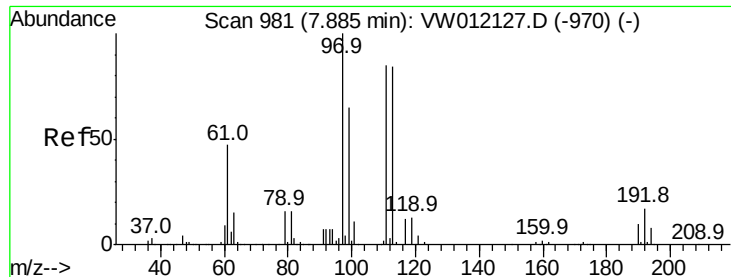
Lab File: VW012619.D

Acq: 05 Sep 2019 05:16

Tgt Ion: 114 Resp: 412326

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	48.6
88	17.5	0.0	32.2

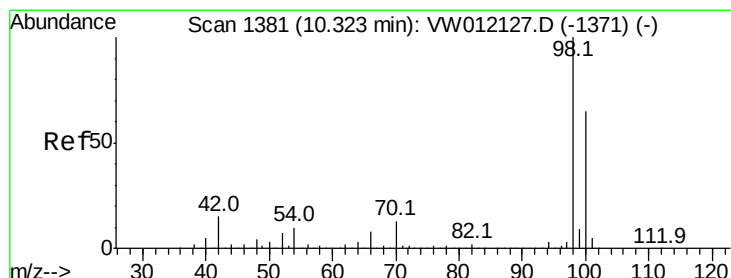
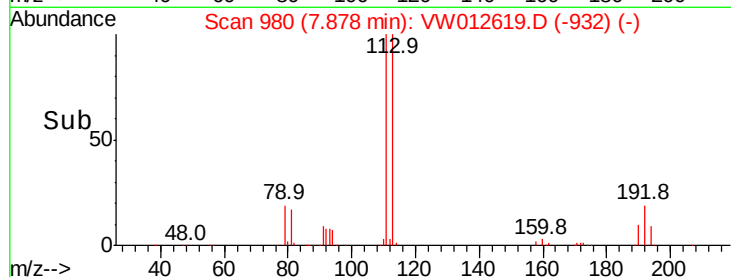
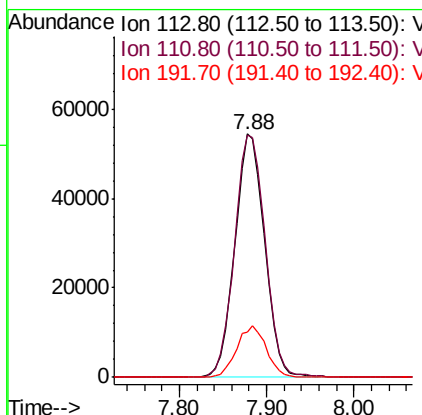
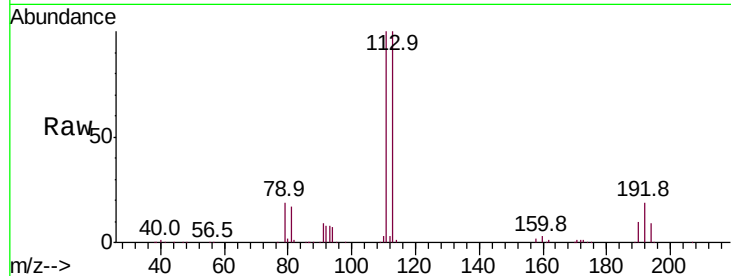




#35
 Dibromofluoromethane
 Concen: 52.360 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012619.D
 Acq: 05 Sep 2019 05:16

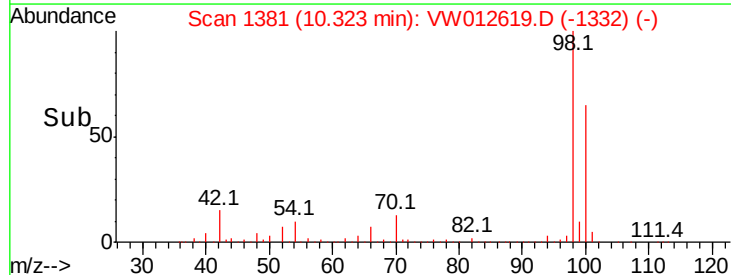
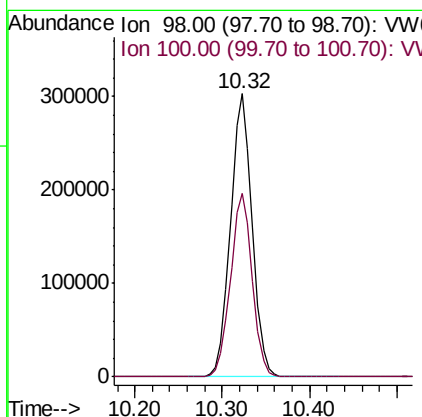
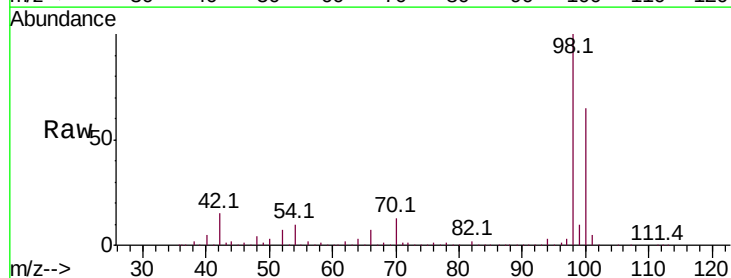
Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G1-(0)

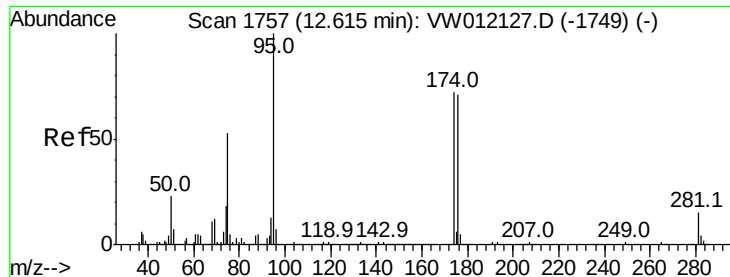
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	20.9	16.2	24.2



#50
 Toluene-d8
 Concen: 52.207 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012619.D
 Acq: 05 Sep 2019 05:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

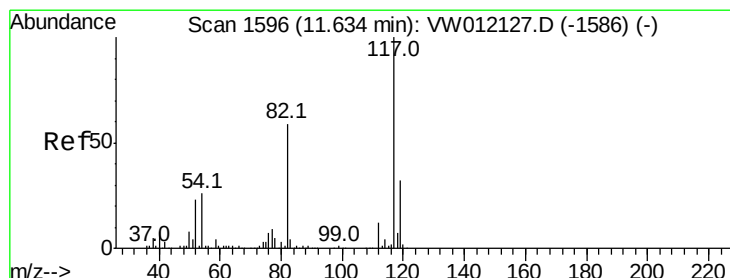
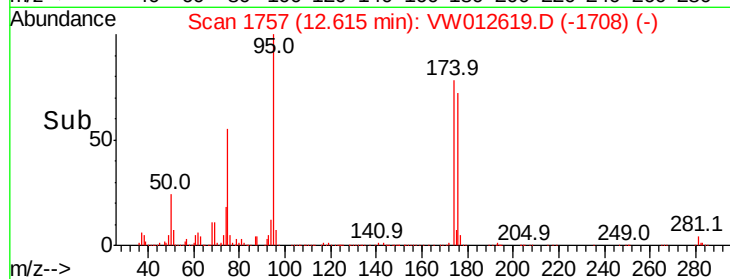
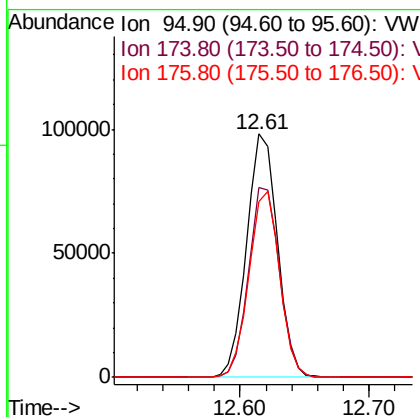
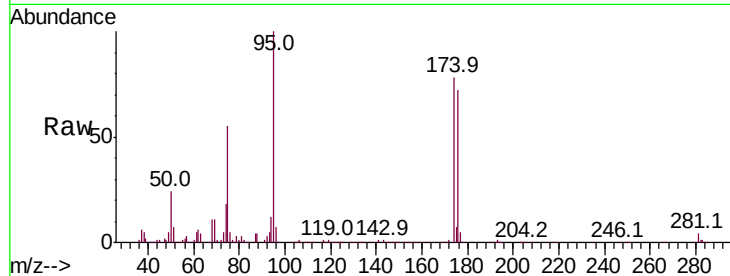




#62
4-Bromofluorobenzene
Concen: 45.808 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012619.D
Acq: 05 Sep 2019 05:16

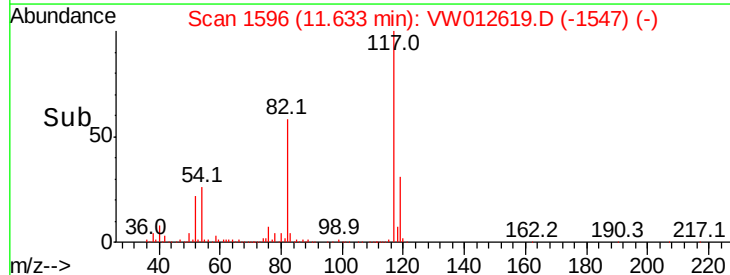
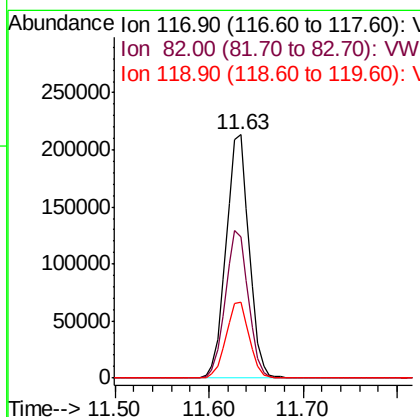
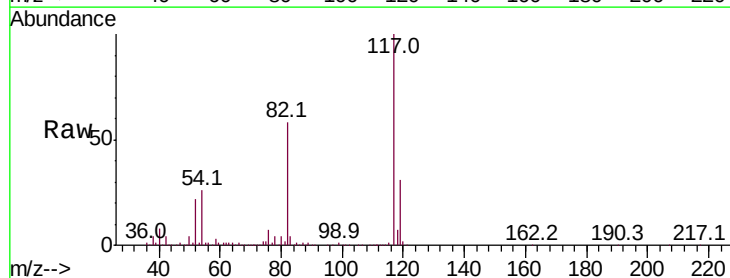
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G1-(0)

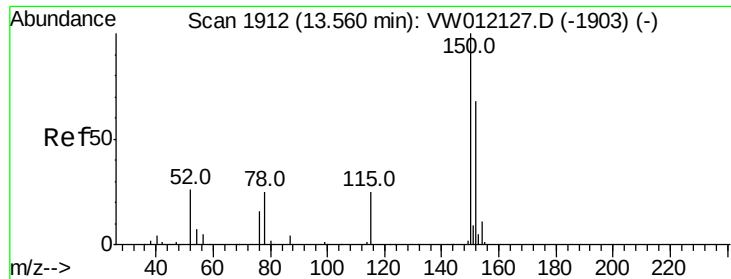
Tot Ion	95	Resp	161141
Ion Ratio	Lower	Upper	
95	100		
174	78.7	0.0	150.8
176	76.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012619.D
Acq: 05 Sep 2019 05:16

Tgt Ion	117	Resp	360568
Ion Ratio	Lower	Upper	
117	100		
82	58.0	47.4	71.2
119	31.1	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: VW012619.D

Acq: 05 Sep 2019 05:16

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G1-(0)

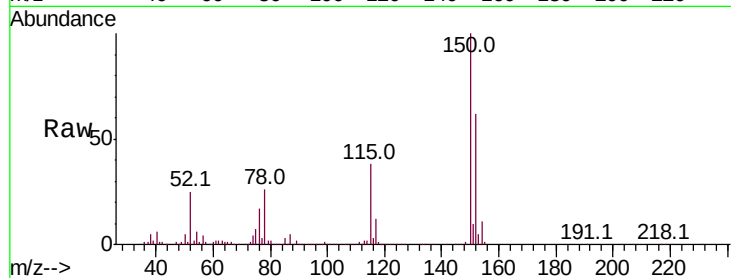
Tot Ion:152 Resp: 130157

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

150 159.0 0.0 345.8



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

