

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012654.D
 Acq On : 05 Sep 2019 21:02
 Operator : SY/VA
 Sample : K4579-05
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A1-(3.5)

Quant Time: Sep 06 08:26:16 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

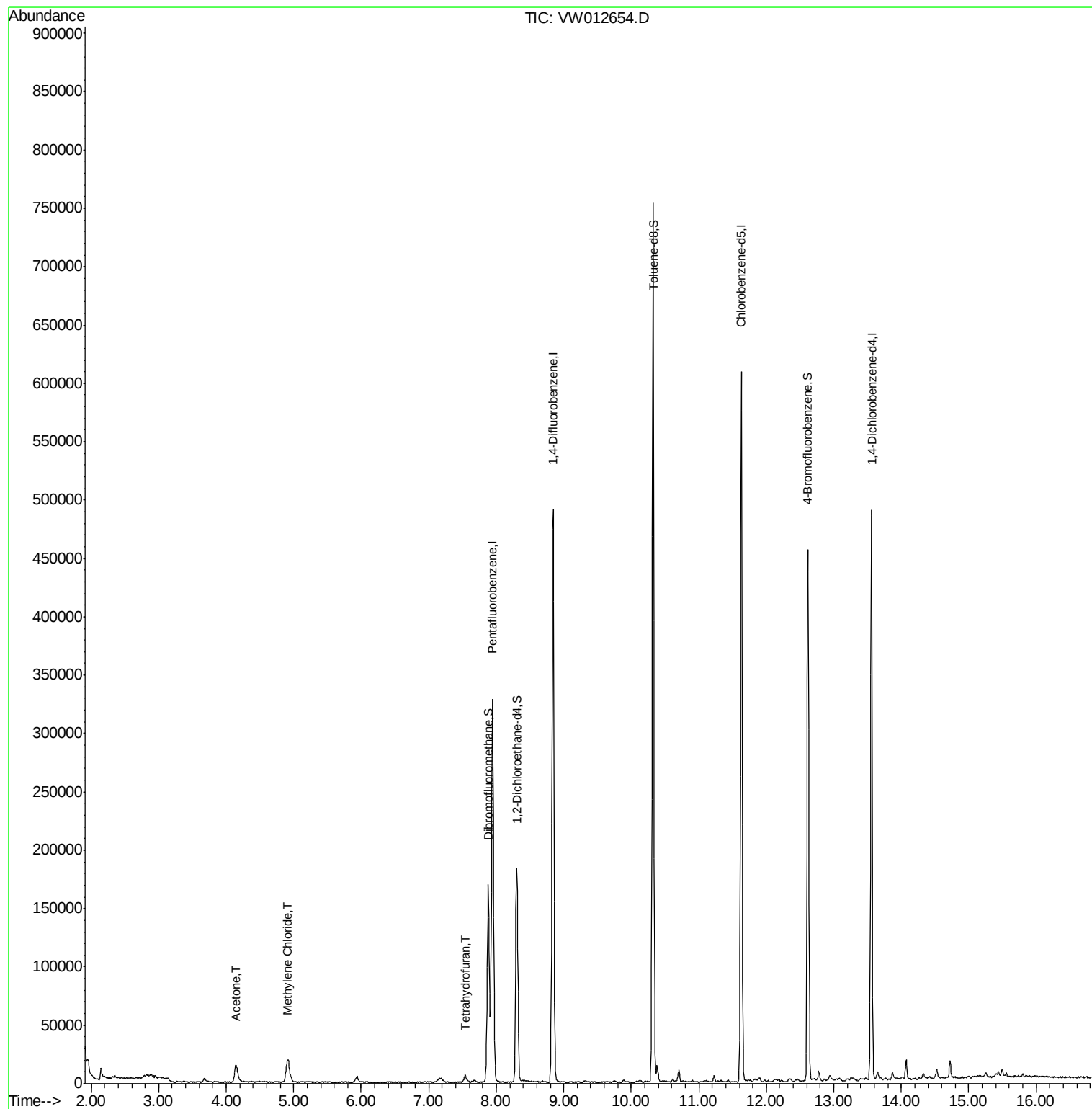
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152715	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	7.88	113	117899	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.32	98	473937	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	145386	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
16) Acetone	4.14	43	33406	45.786	ug/l	99
20) Methylene Chloride	4.91	84	15665	5.679	ug/l	93
29) Tetrahydrofuran	7.54	42	5744	9.656	ug/l #	83

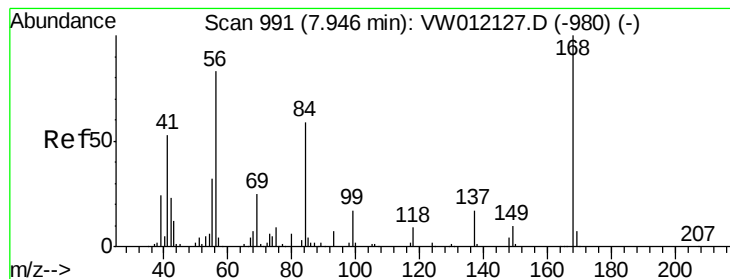
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

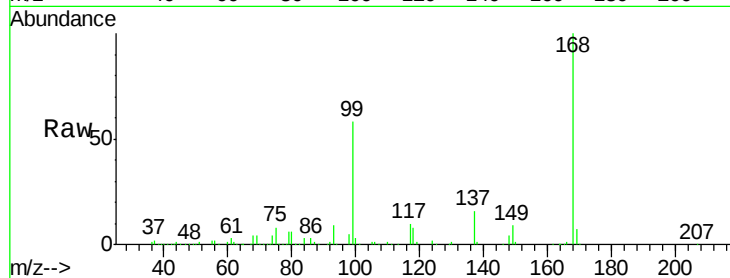
PAR-12-A1-(3.5)

Tot Ion:168 Resp: 240107

Ion Ratio Lower Upper

168 100

99 58.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

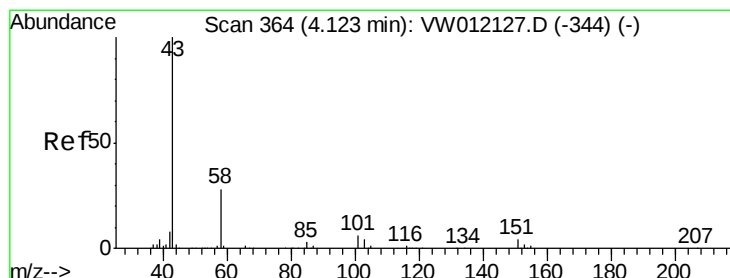
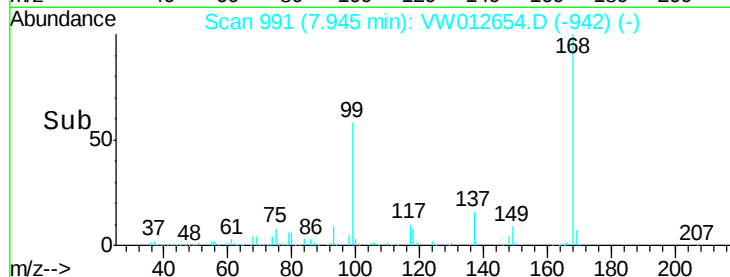
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 45.786 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012654.D

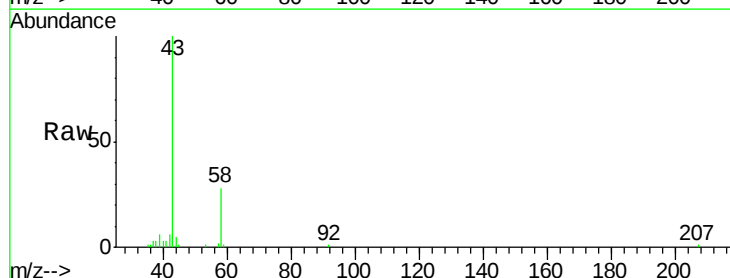
Acq: 05 Sep 2019 21:02

Tgt Ion: 43 Resp: 33406

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

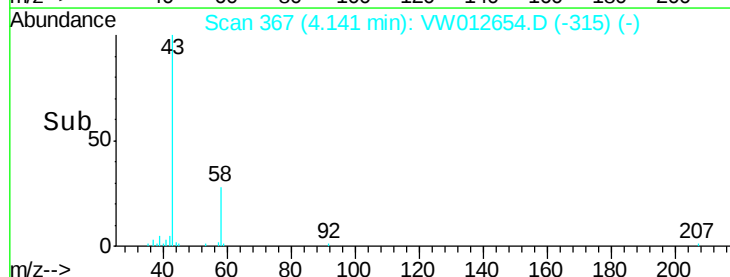
6000

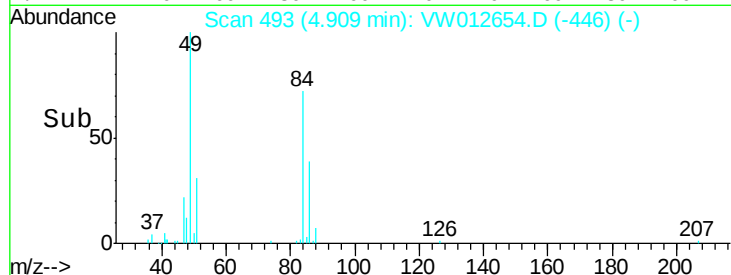
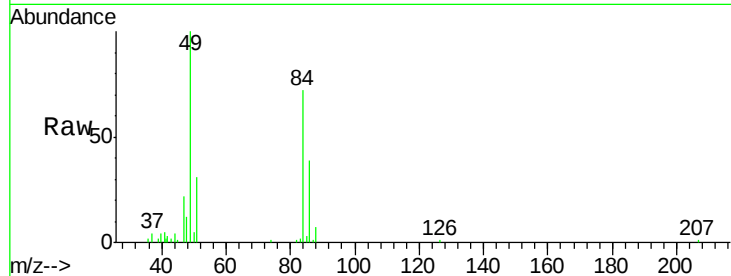
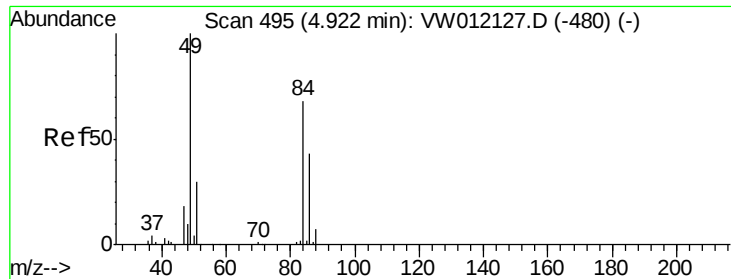
4000

2000

0

Time-->

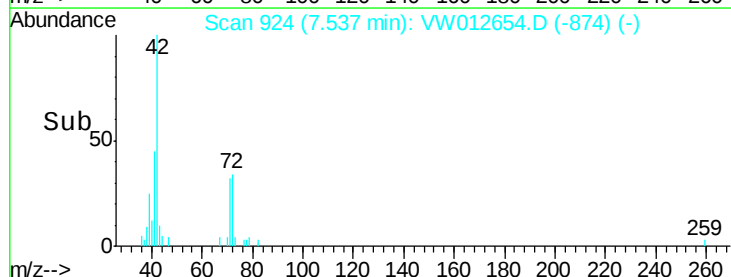
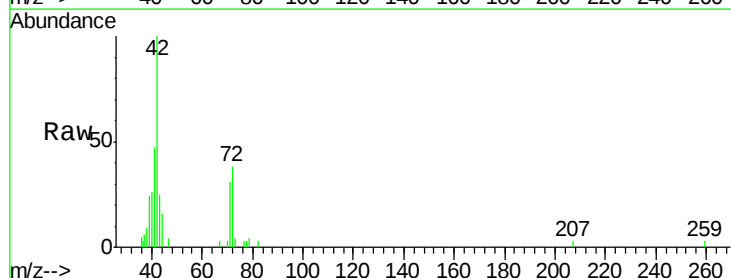
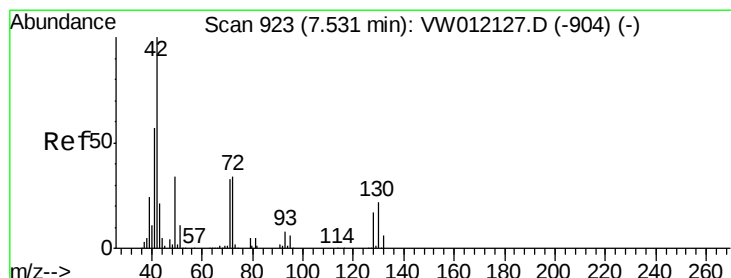
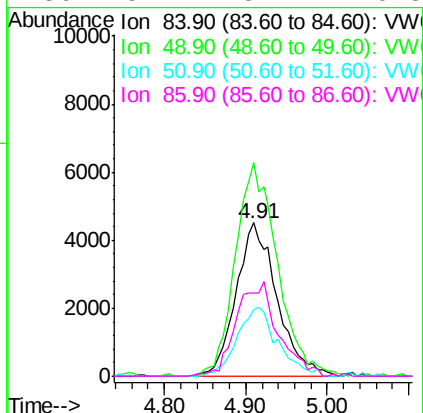




#20
Methvlene Chloride
Concen: 5.679 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

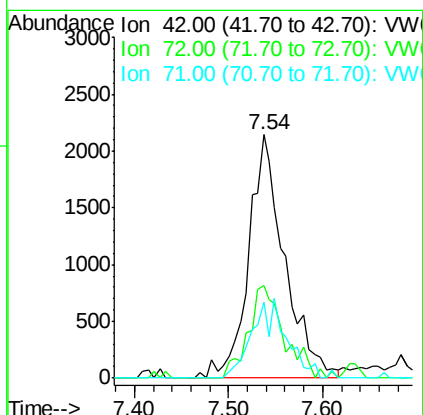
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A1-(3.5)

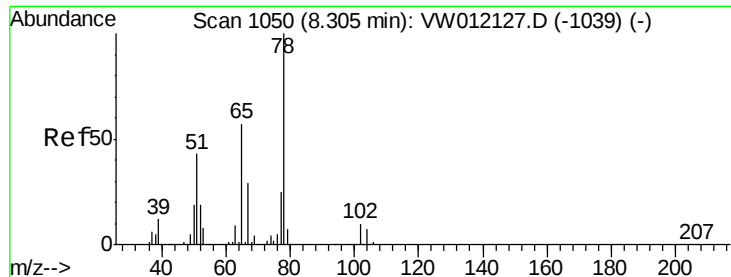
Tot Ion:	84	Resp:	15665
Ion	Ratio	Lower	Upper
84	100		
49	139.3	117.8	176.8
51	43.5	35.6	53.4
86	54.2	51.2	76.8



#29
Tetrahydrofuran
Concen: 9.656 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

Tgt Ion:	42	Resp:	5744
Ion	Ratio	Lower	Upper
42	100		
72	37.9	27.3	40.9
71	16.1	25.5	38.3#





#33

1,2-Dichloroethane-d4

Concen: 53.504 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012654.D

Acq: 05 Sep 2019 21:02

Instrument :

MSVOA_W

ClientSampleId :

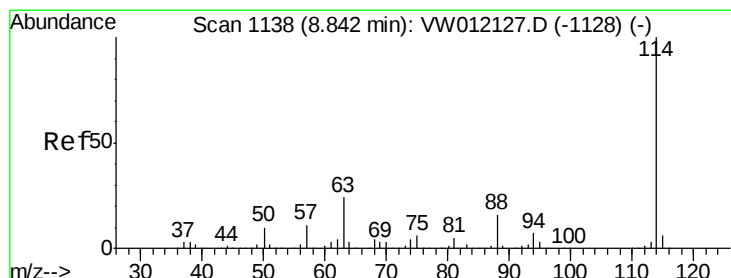
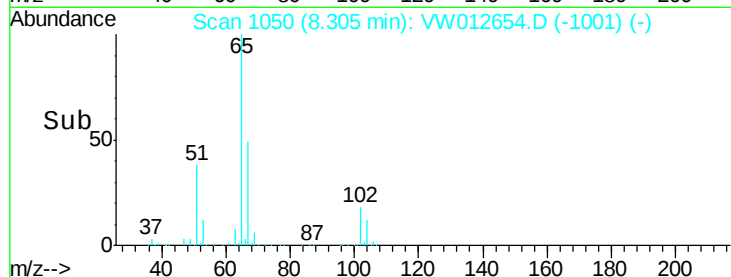
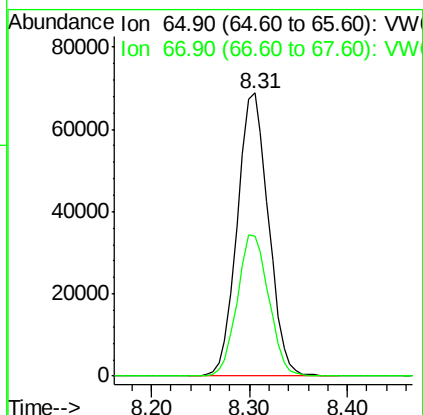
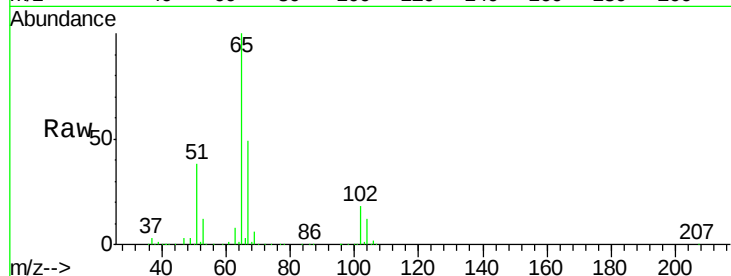
PAR-12-A1-(3.5)

Tot Ion: 65 Resp: 152715

Ion Ratio Lower Upper

65 100

67 50.5 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: VW012654.D

Acq: 05 Sep 2019 21:02

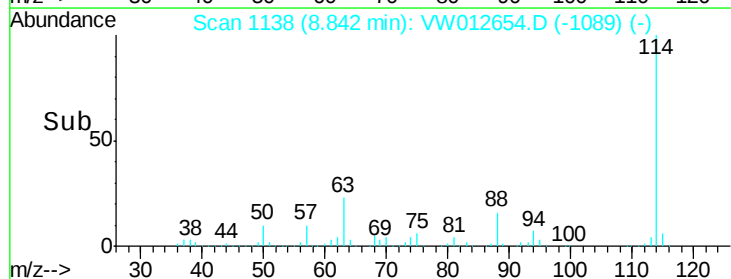
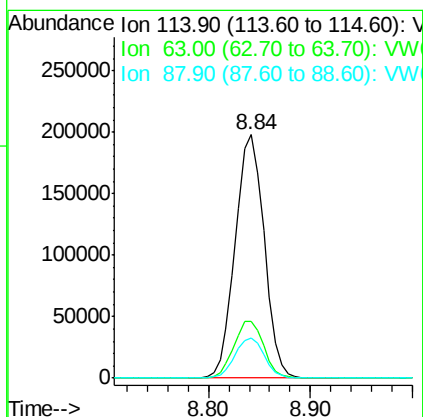
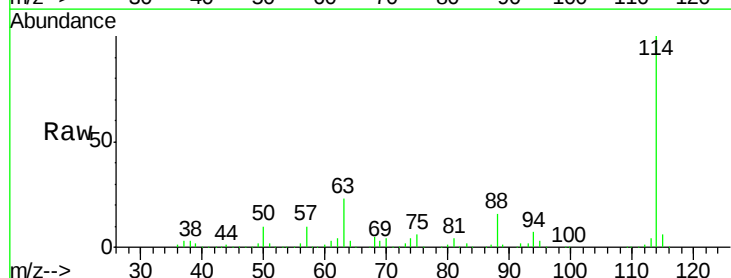
Tgt Ion: 114 Resp: 390659

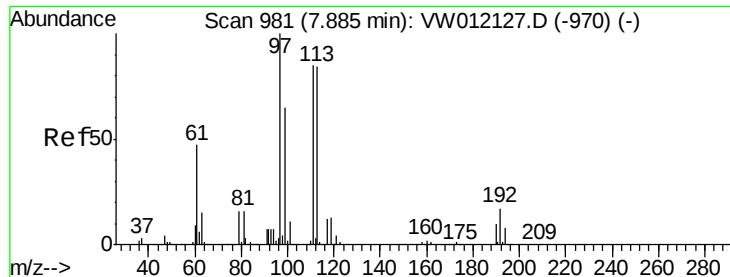
Ion Ratio Lower Upper

114 100

63 23.3 0.0 48.6

88 16.3 0.0 32.2

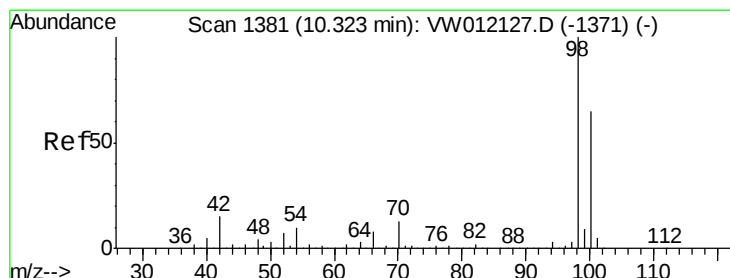
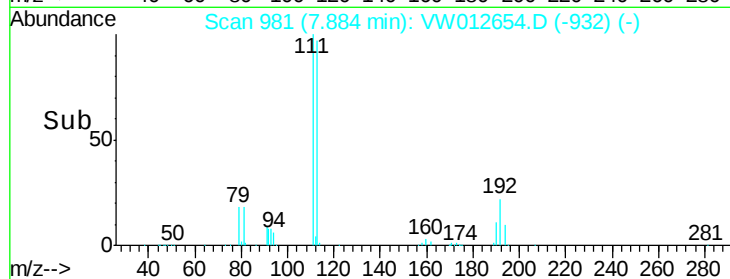
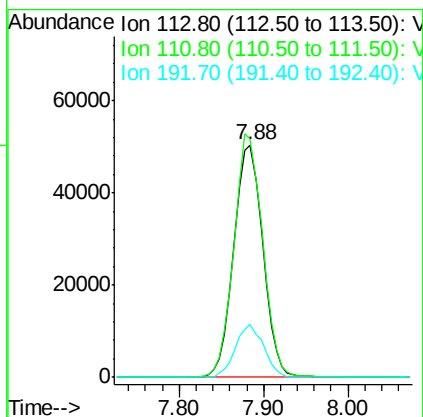
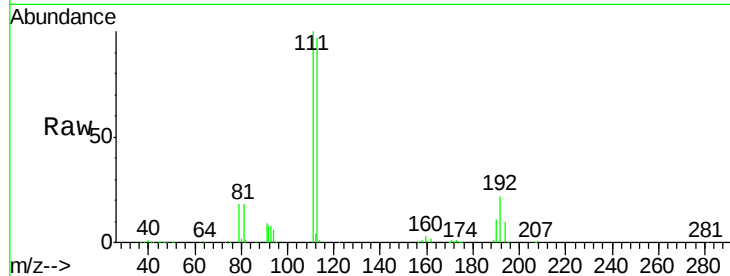




#35
Dibromofluoromethane
Concen: 50.560 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

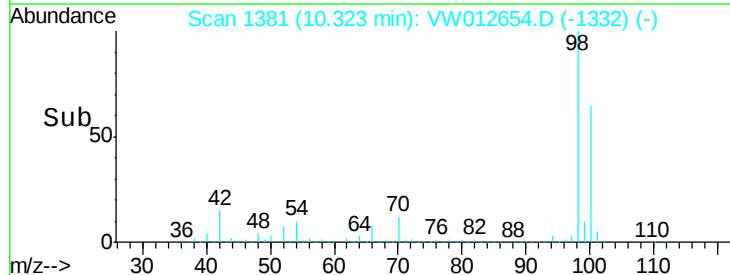
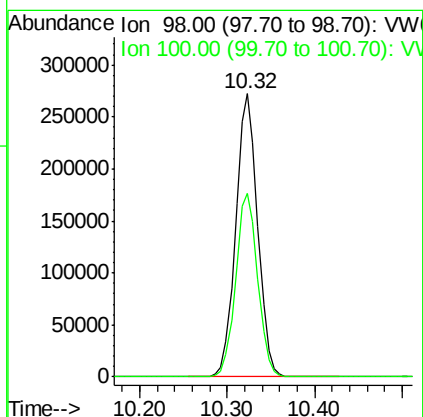
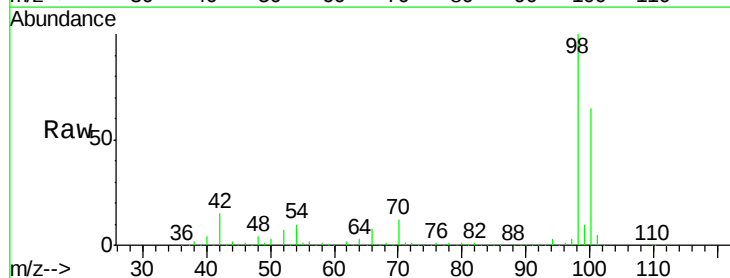
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A1-(3.5)

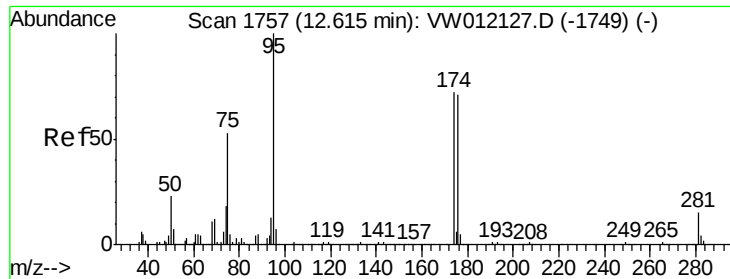
Tot Ion:113 Resp: 117899
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 21.9 16.2 24.2



#50
Toluene-d8
Concen: 50.126 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

Tgt Ion: 98 Resp: 473937
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

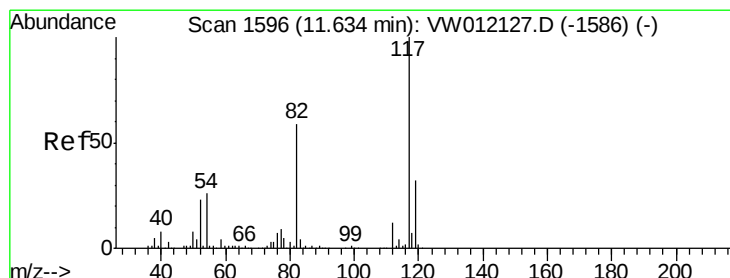
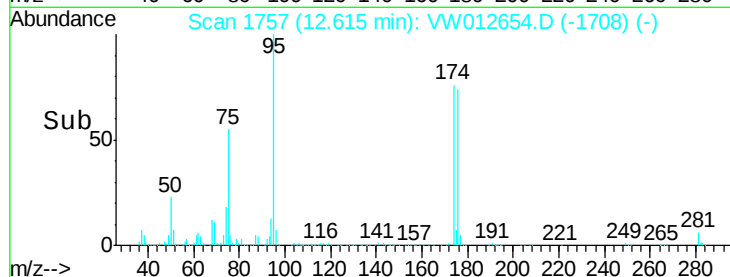
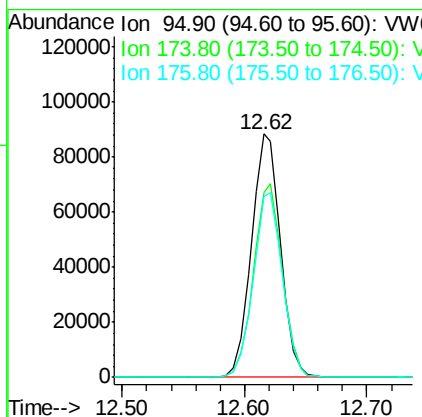
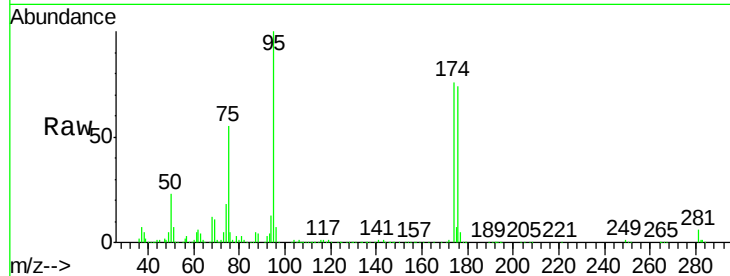




#62
4-Bromofluorobenzene
Concen: 43.622 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

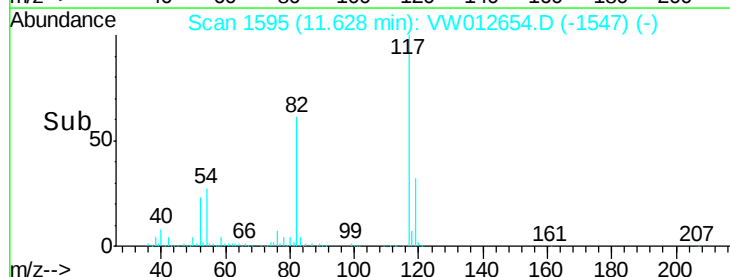
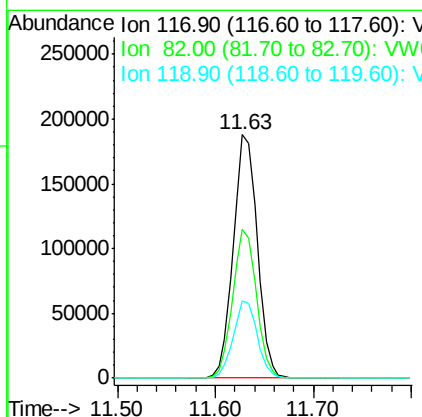
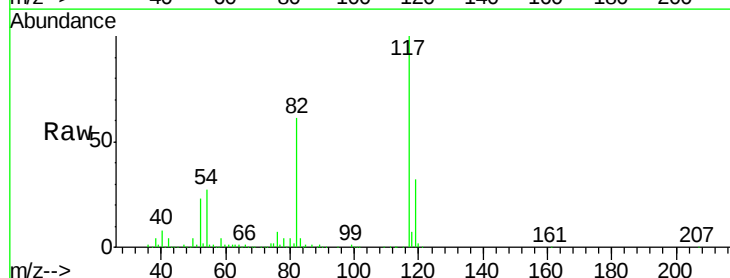
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A1-(3.5)

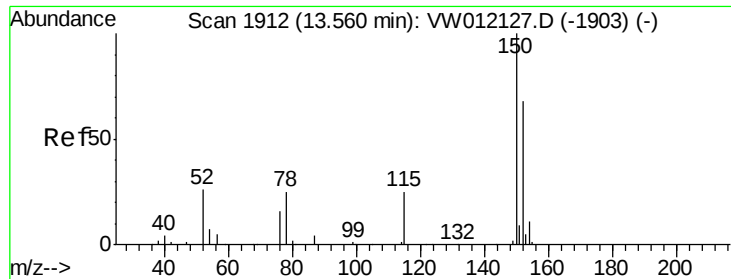
Tot Ion	95	Resp	145386
Ion Ratio	Lower	Upper	
95	100		
174	79.4	0.0	150.8
176	76.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012654.D
Acq: 05 Sep 2019 21:02

Tgt Ion	117	Resp	321045
Ion Ratio	Lower	Upper	
117	100		
82	61.2	47.4	71.2
119	32.0	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: VW012654.D

Acq: 05 Sep 2019 21:02

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A1-(3.5)

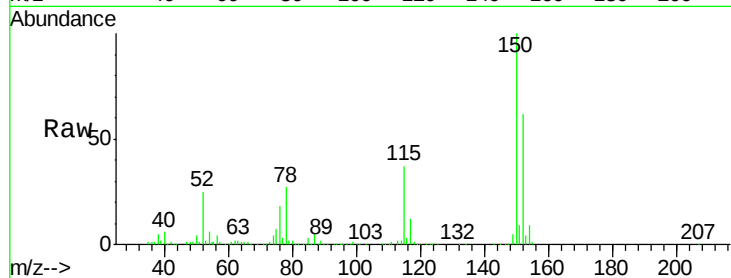
Tot Ion:152 Resp: 123912

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 158.9 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

