

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012663.D
 Acq On : 06 Sep 2019 01:47
 Operator : SY/VA
 Sample : K4579-07
 Misc : 3.19G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A4-(3.5)

Quant Time: Sep 06 08:39:09 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

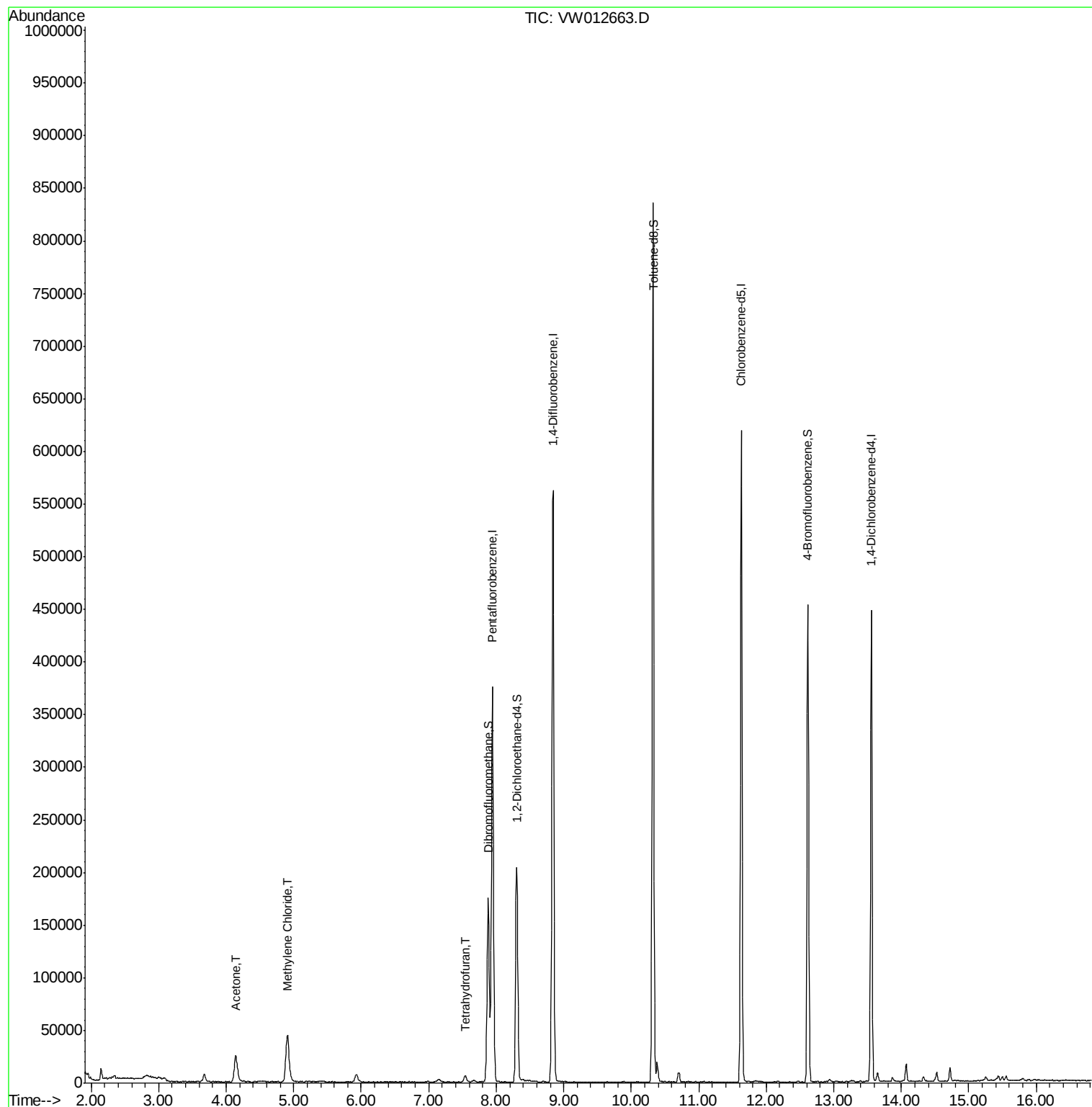
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171816	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	7.88	113	125456	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.32	98	519568	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.62	95	141627	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
Target Compounds						
16) Acetone	4.14	43	55789	67.752	ug/l	98
20) Methylene Chloride	4.91	84	33554	10.779	ug/l	97
29) Tetrahydrofuran	7.54	42	5211	7.762	ug/l	95

(#) = 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: VW012663.D

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Instrument :

MSVOA_W

ClientSampleId :

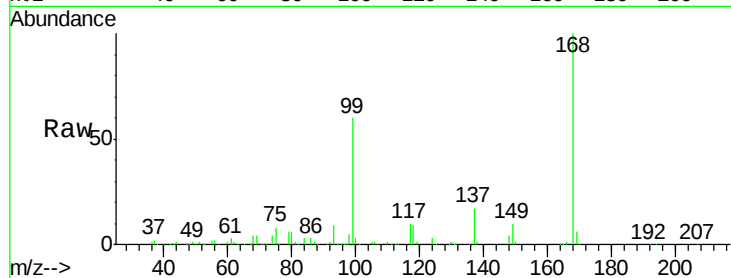
PAR-12-A4-(3.5)

Tot Ion:168 Resp: 270979

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

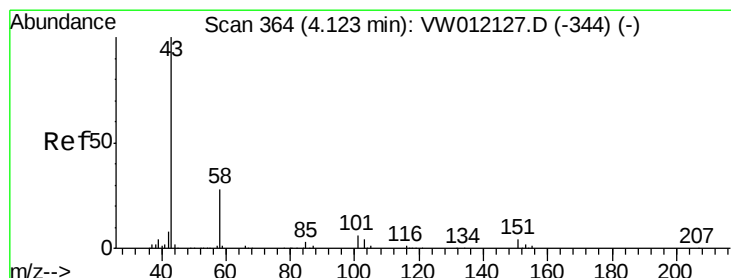
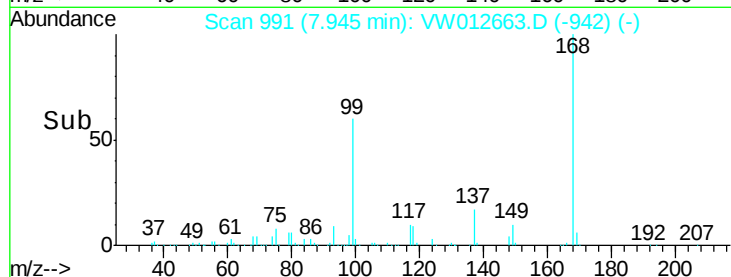
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 67.752 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012663.D

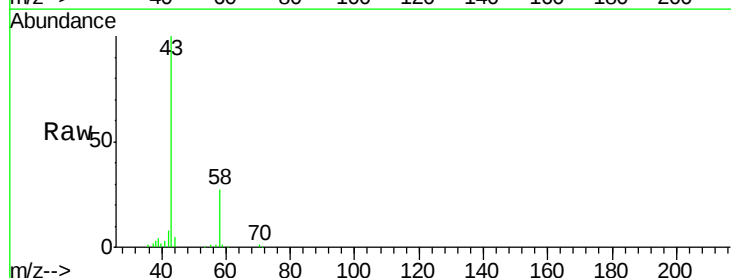
Acq: 06 Sep 2019 01:47

Tgt Ion: 43 Resp: 55789

Ion Ratio Lower Upper

43 100

58 26.7 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

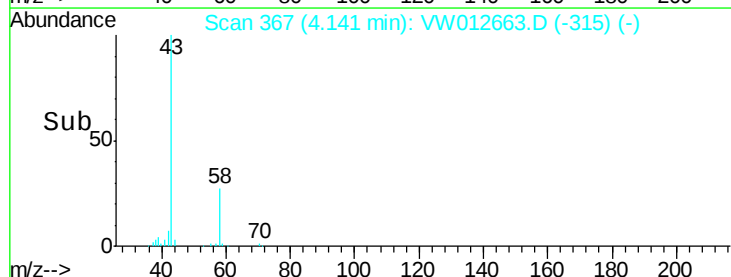
15000

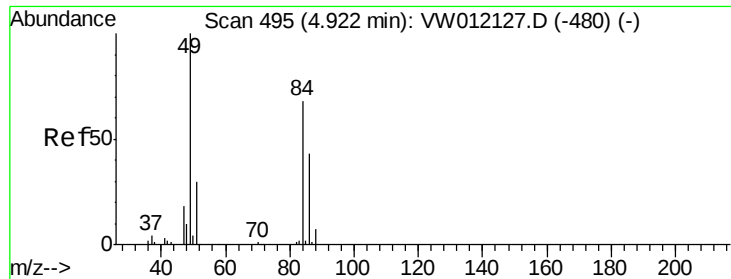
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5000

0

Time-->

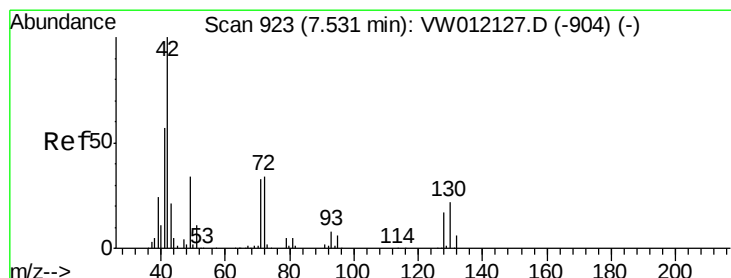
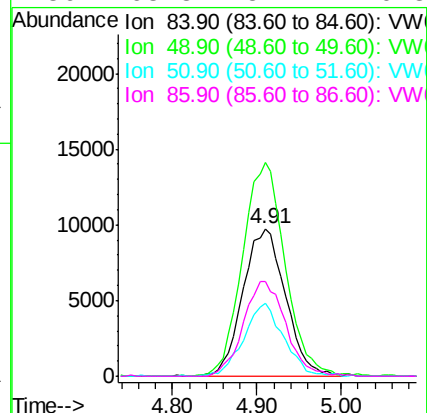
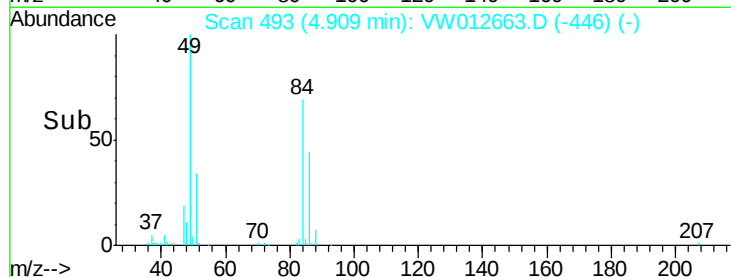
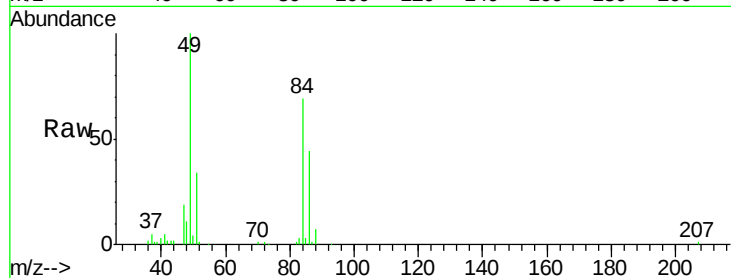




#20
Methvlene Chloride
Concen: 10.779 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012663.D
Acq: 06 Sep 2019 01:47

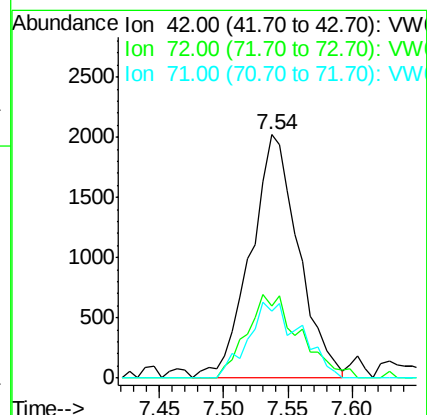
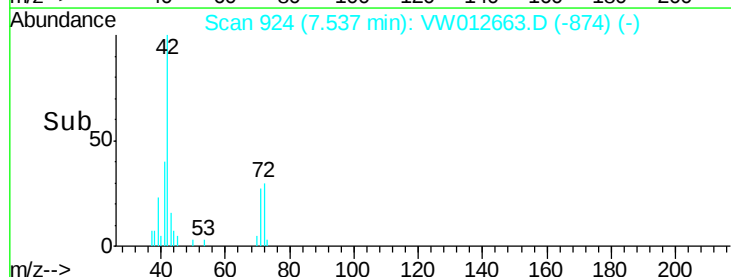
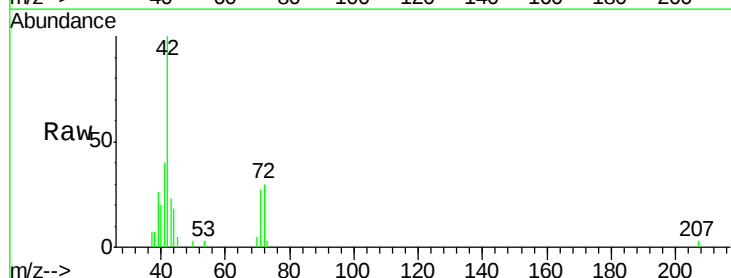
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A4-(3.5)

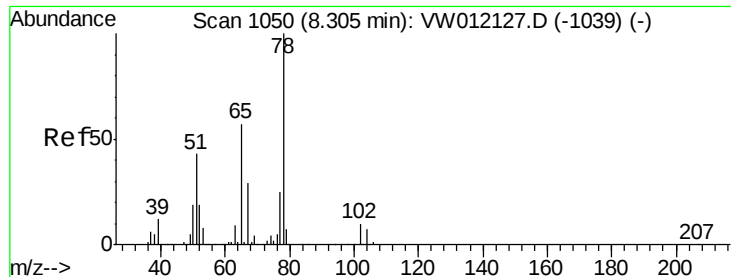
Tot Ion:	84	Resp:	33554
Ion	Ratio	Lower	Upper
84	100		
49	144.6	117.8	176.8
51	49.7	35.6	53.4
86	63.8	51.2	76.8



#29
Tetrahydrofuran
Concen: 7.762 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012663.D
Acq: 06 Sep 2019 01:47

Tgt Ion:	42	Resp:	5211
Ion	Ratio	Lower	Upper
42	100		
72	37.7	27.3	40.9
71	34.0	25.5	38.3

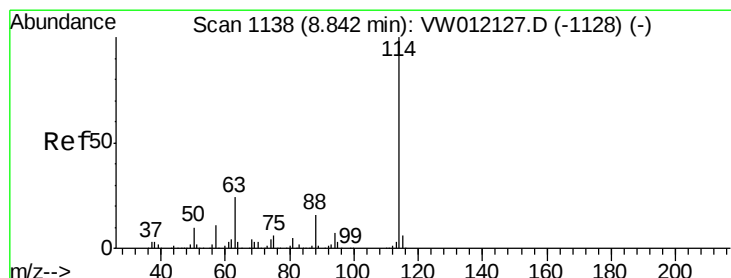
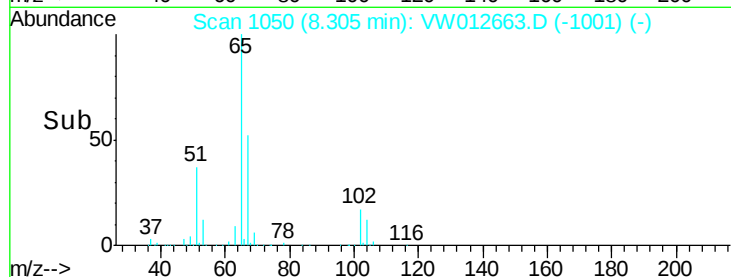
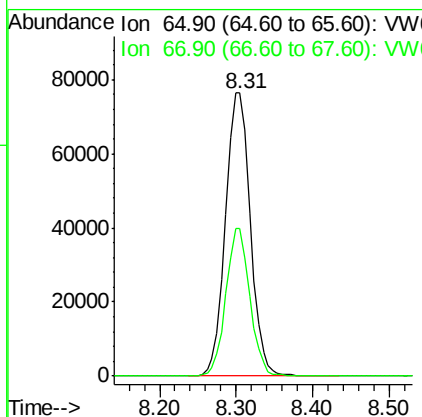
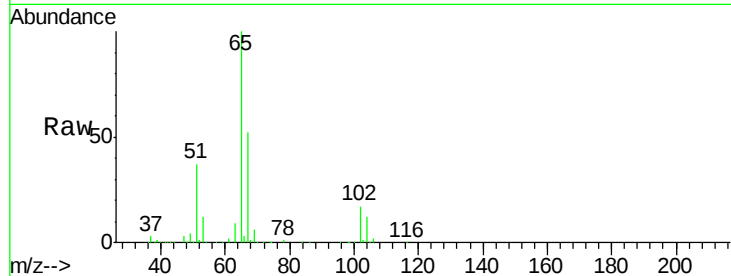




#33
 1,2-Dichloroethane-d4
 Concen: 53.338 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012663.D
 Acq: 06 Sep 2019 01:47

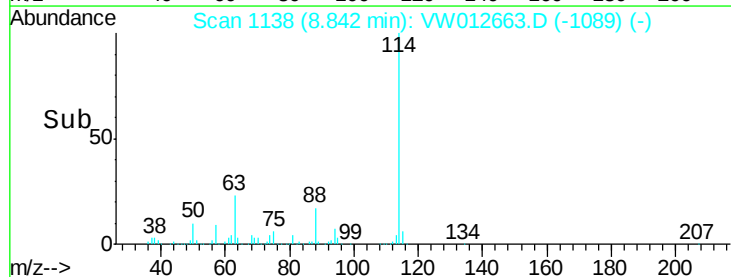
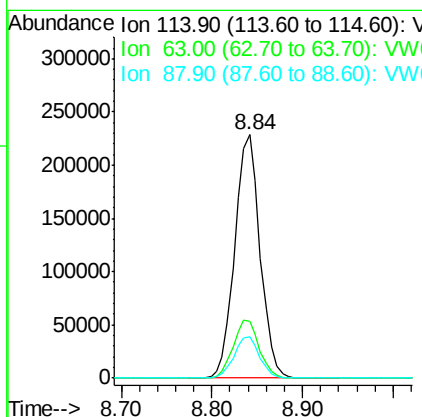
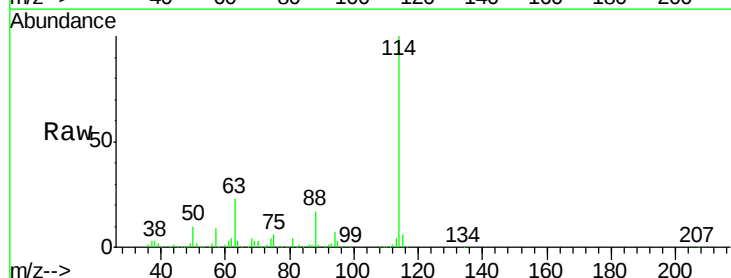
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A4-(3.5)

Tot Ion: 65 Resp: 171816
 Ion Ratio Lower Upper
 65 100
 67 50.4 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: VW012663.D
 Acq: 06 Sep 2019 01:47

Tgt Ion: 114 Resp: 441701
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012663.D

Acq: 06 Sep 2019 01:47

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A4-(3.5)

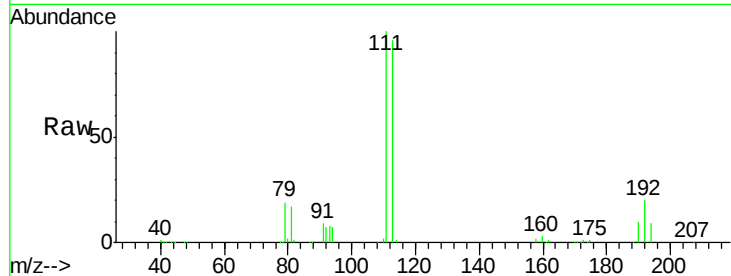
Tot Ion:113 Resp: 125456

Ion Ratio Lower Upper

113 100

111 104.7 82.7 124.1

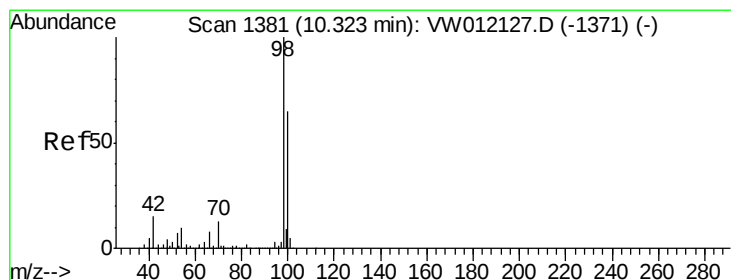
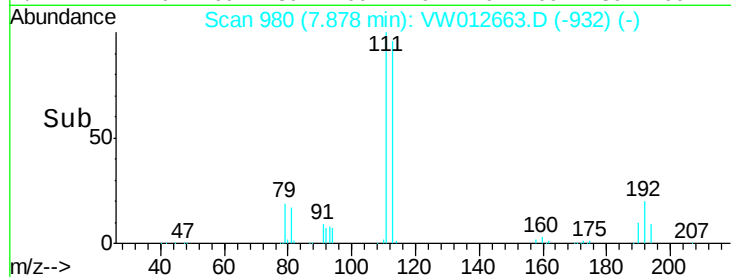
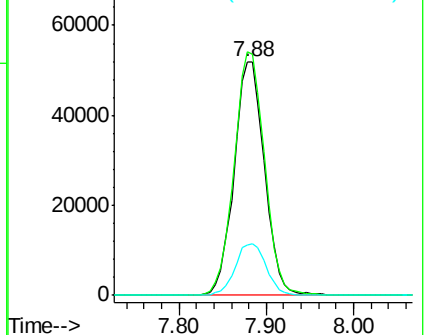
192 22.3 16.2 24.2



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: 48.602 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012663.D

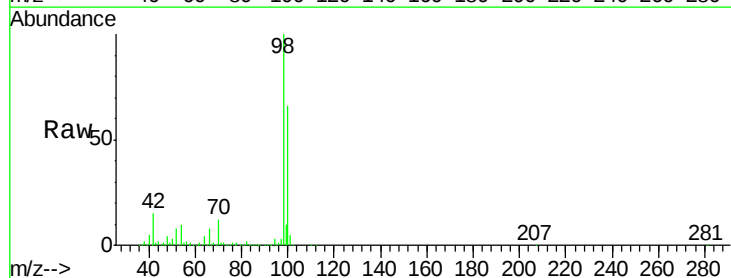
Acq: 06 Sep 2019 01:47

Tgt Ion: 98 Resp: 519568

Ion Ratio Lower Upper

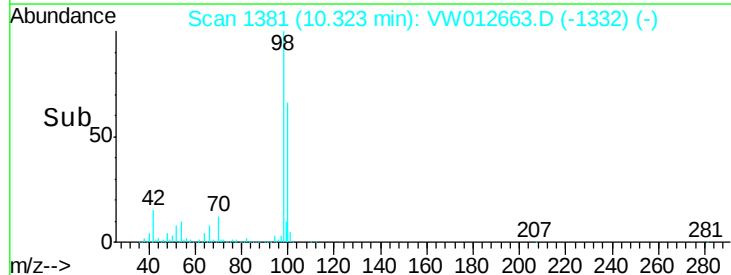
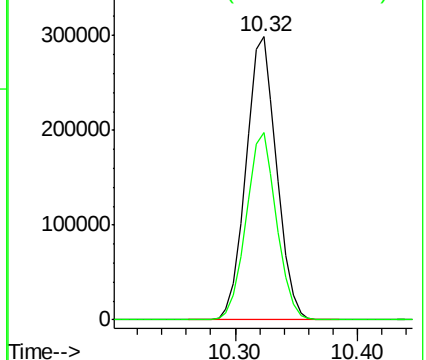
98 100

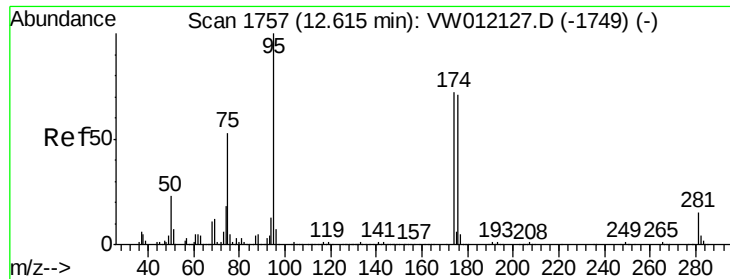
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

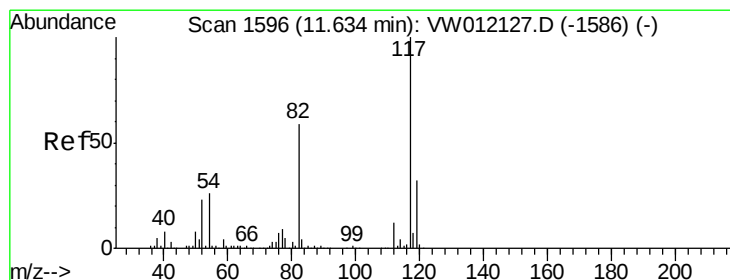
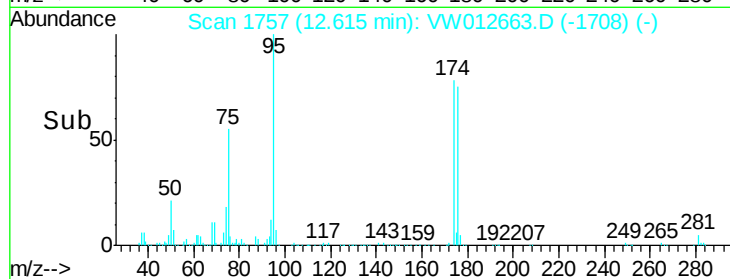
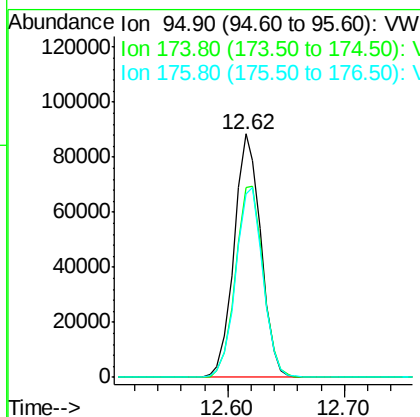
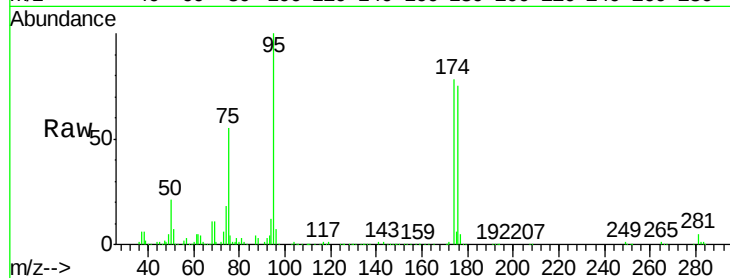




#62
4-Bromofluorobenzene
Concen: 37.583 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012663.D
Acq: 06 Sep 2019 01:47

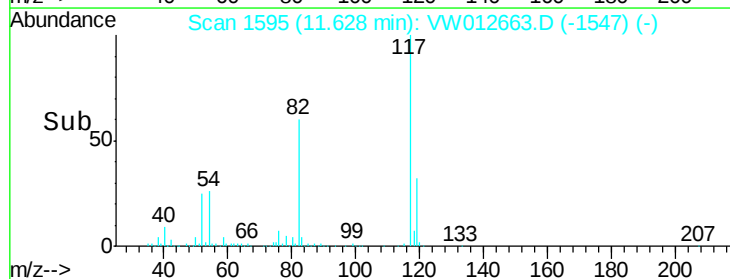
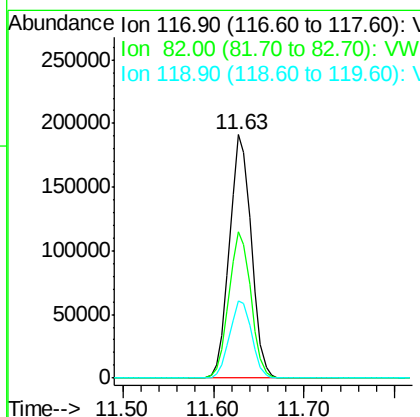
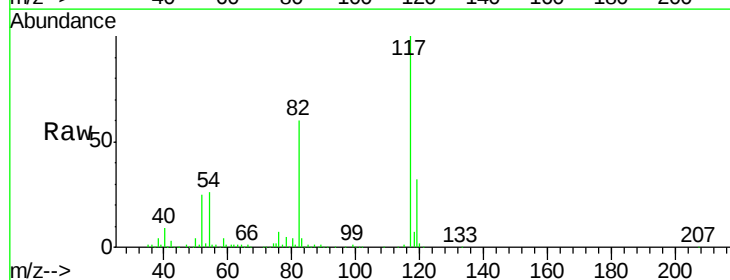
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A4-(3.5)

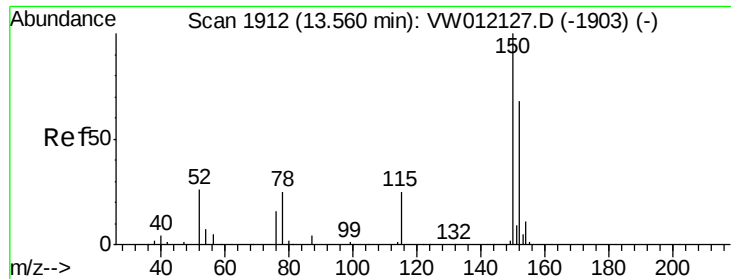
Tot Ion	95	Resp	141627
Ion Ratio	100	Lower	Upper
174	81.1	0.0	150.8
176	79.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012663.D
Acq: 06 Sep 2019 01:47

Tgt Ion	117	Resp	320129
Ion Ratio	100	Lower	Upper
82	60.1	47.4	71.2
119	31.7	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: VW012663.D

Acq: 06 Sep 2019 01:47

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A4-(3.5)

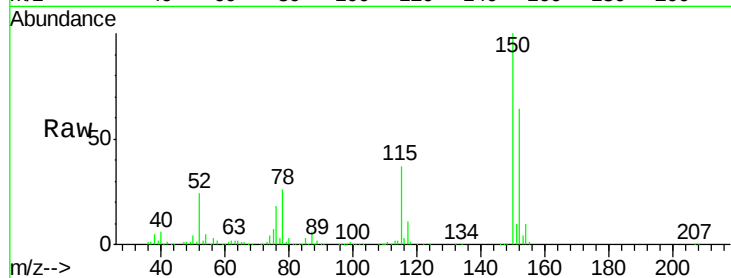
Tot Ion:152 Resp: 115172

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 160.3 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

