

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012662.D
 Acq On : 06 Sep 2019 01:21
 Operator : SY/VA
 Sample : K4579-06
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A3-(3.5)

Quant Time: Sep 06 08:37:41 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

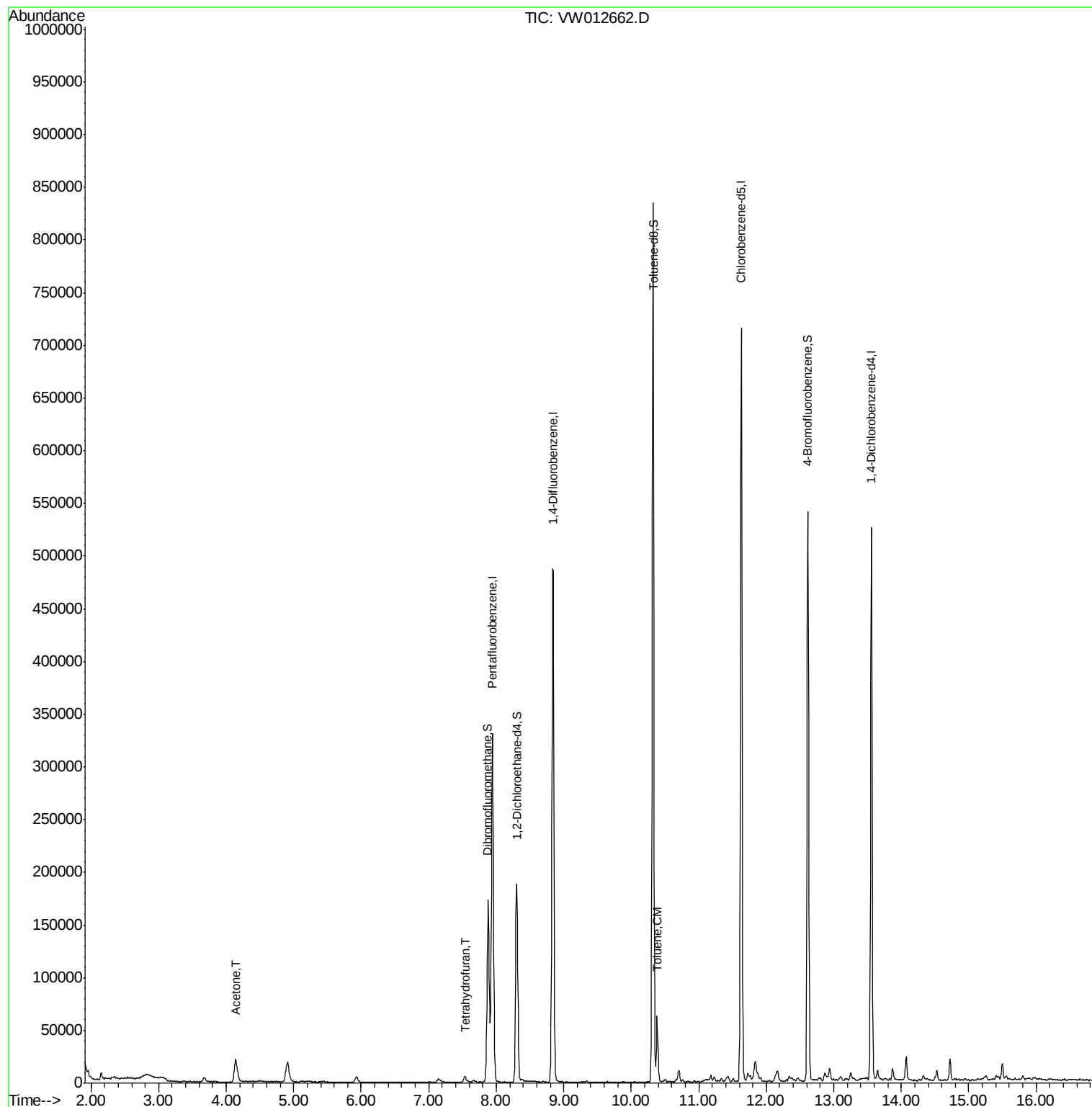
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	157741	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.88	113	121353	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.32	98	528169	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.62	95	169056	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
Target Compounds						
16) Acetone	4.14	43	46792	63.823	ug/l	100
29) Tetrahydrofuran	7.54	42	5099	8.531	ug/l #	85
52) Toluene	10.38	92	24457	3.651	ug/l	98

(#) = 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 :

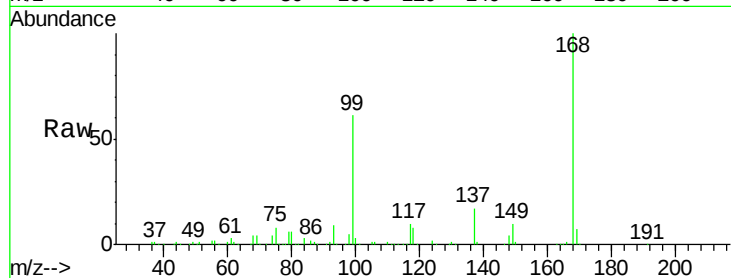
PAR-12-A3-(3.5)

Tot Ion:168 Resp: 241273

Ion Ratio Lower Upper

168 100

99 61.3 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

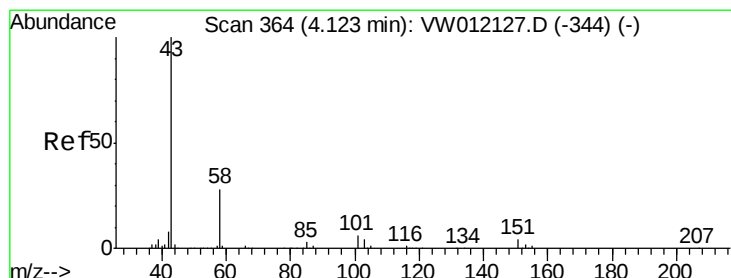
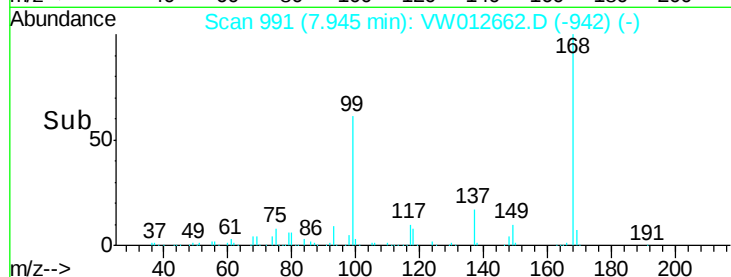
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 63.823 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012662.D

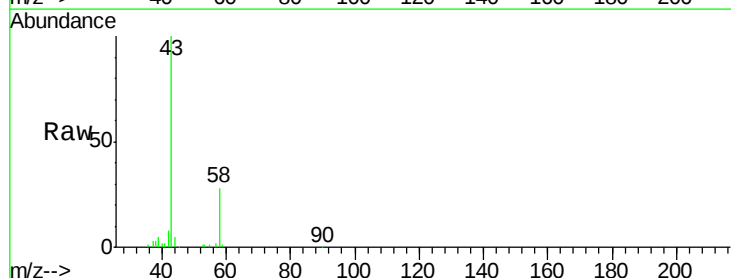
Acq: 06 Sep 2019 01:21

Tgt Ion: 43 Resp: 46792

Ion Ratio Lower Upper

43 100

58 28.1 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

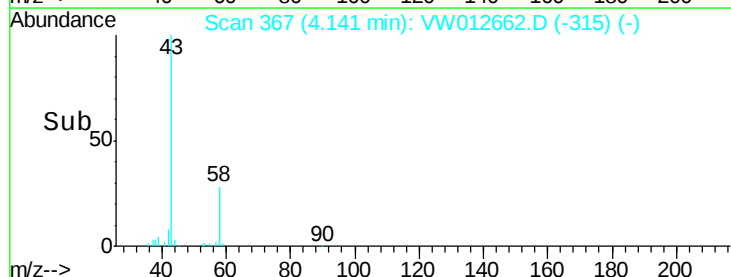
15000

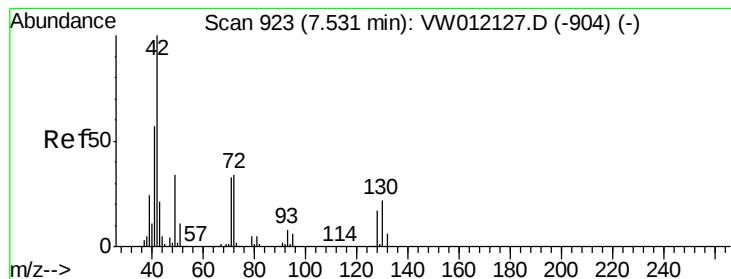
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#29

Tetrahydrofuran

Concen: 8.531 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012662.D

Acq: 06 Sep 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A3-(3.5)

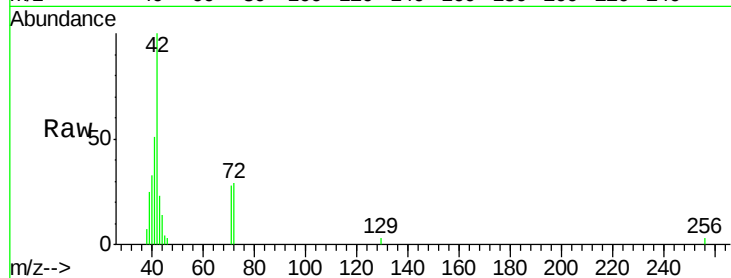
Tot Ion: 42 Resp: 5099

Ion Ratio Lower Upper

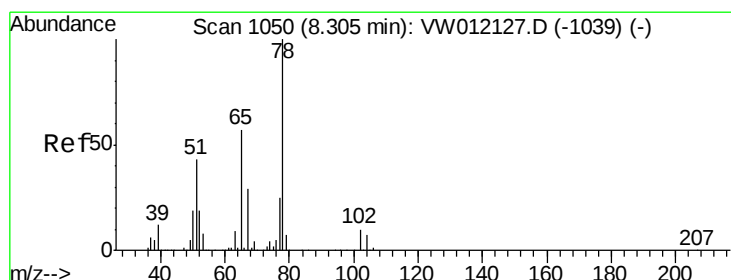
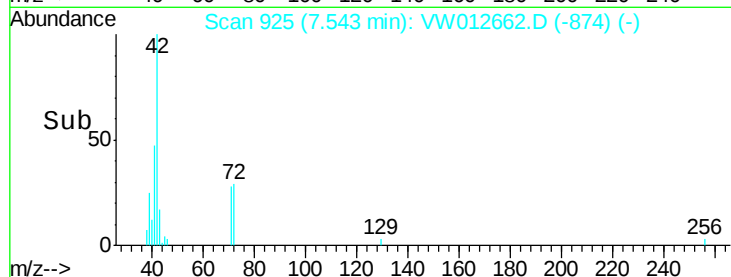
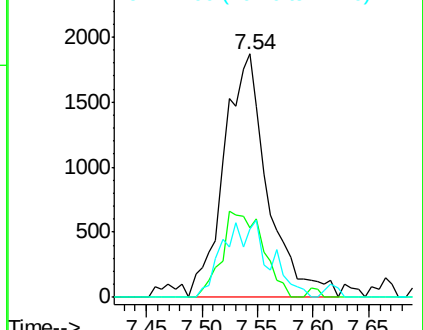
42 100

72 33.1 27.3 40.9

71 16.2 25.5 38.3#



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: 54.998 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012662.D

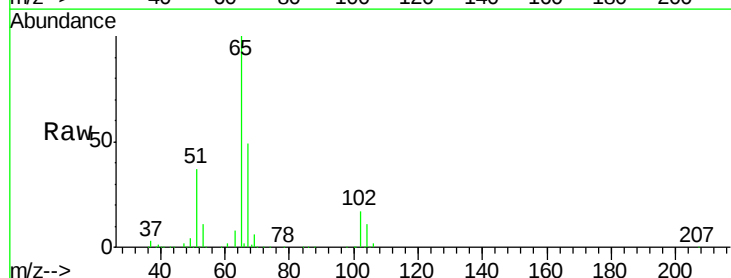
Acq: 06 Sep 2019 01:21

Tgt Ion: 65 Resp: 157741

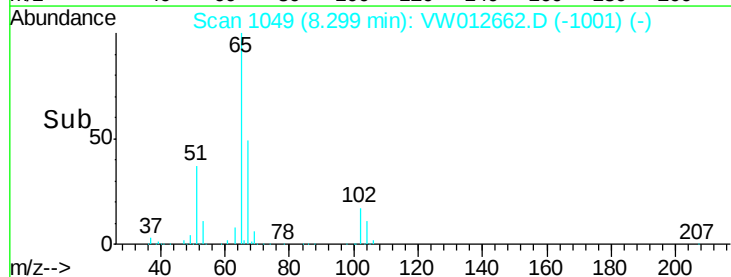
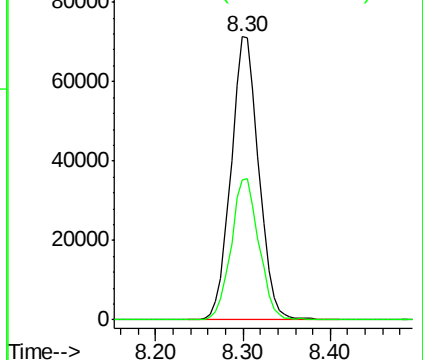
Ion Ratio Lower Upper

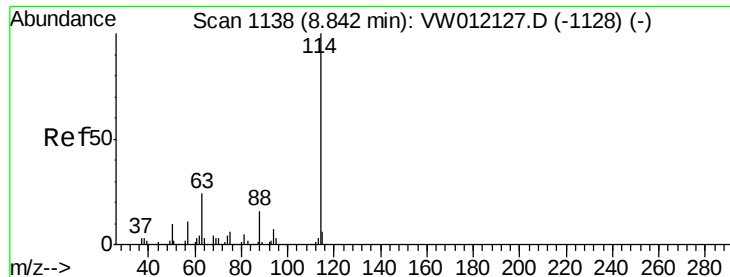
65 100

67 50.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

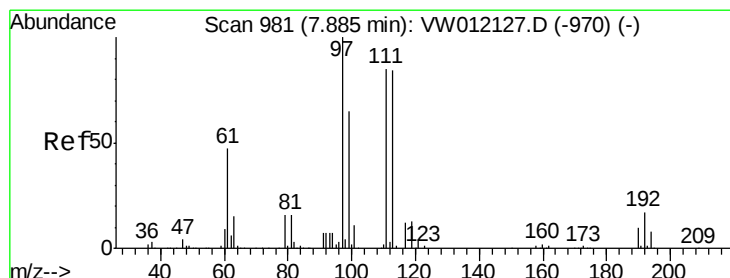
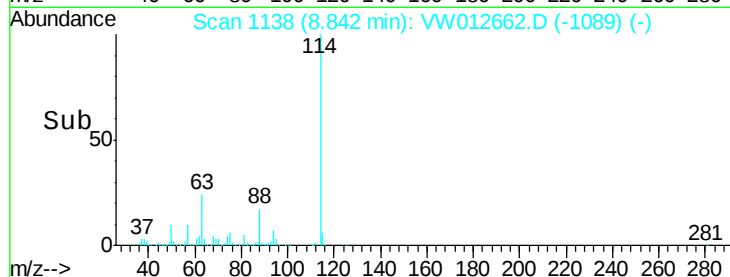
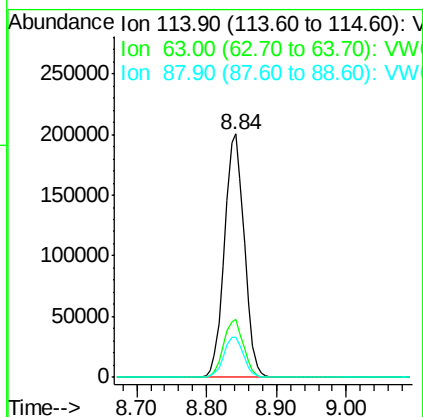
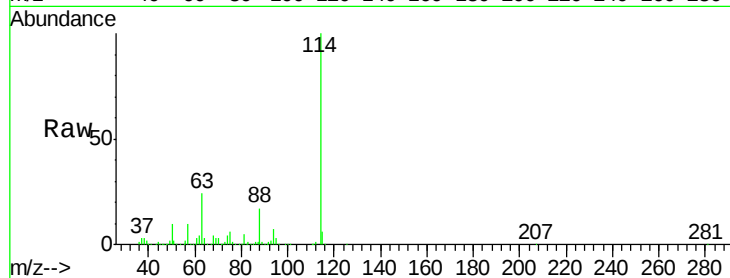




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012662.D
 Acq: 06 Sep 2019 01:21

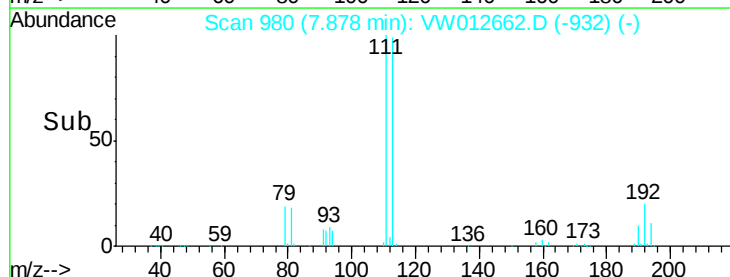
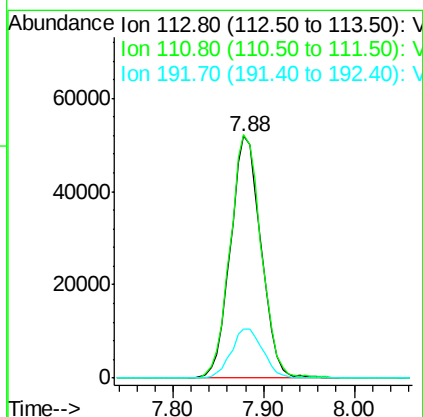
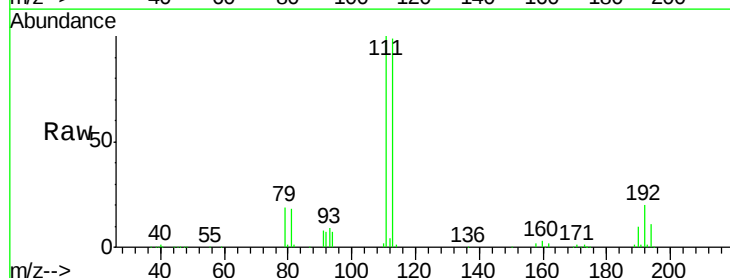
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A3-(3.5)

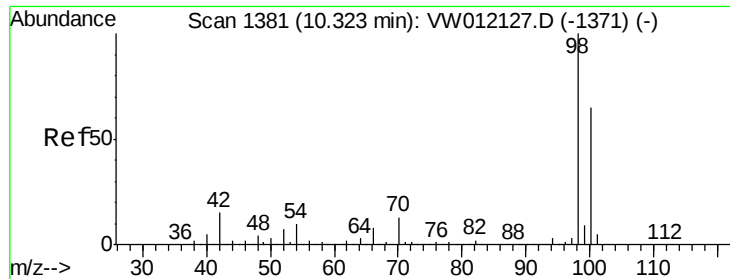
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.6
88	16.5	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 51.452 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012662.D
 Acq: 06 Sep 2019 01:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	21.1	16.2	24.2





#50

Toluene-d8

Concen: 55.229 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012662.D

Acq: 06 Sep 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

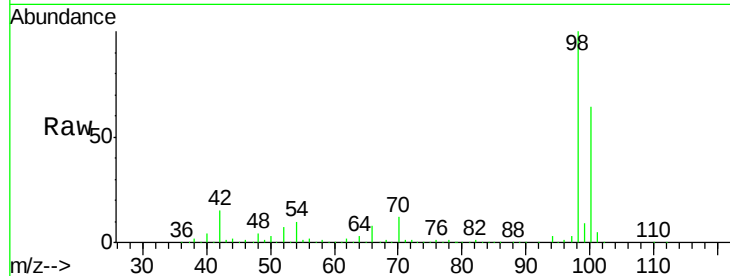
PAR-12-A3-(3.5)

Tot Ion: 98 Resp: 528169

Ion Ratio Lower Upper

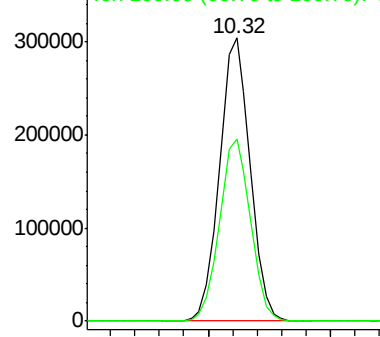
98 100

100 65.4 52.4 78.6

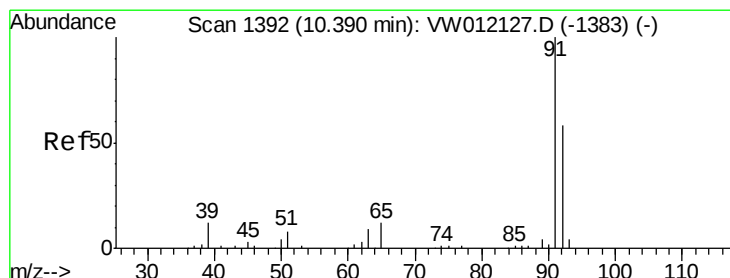
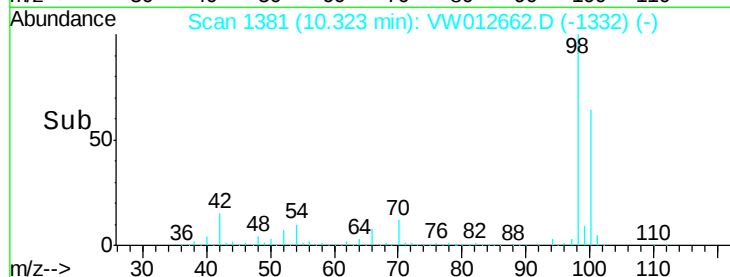


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#52

Toluene

Concen: 3.651 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012662.D

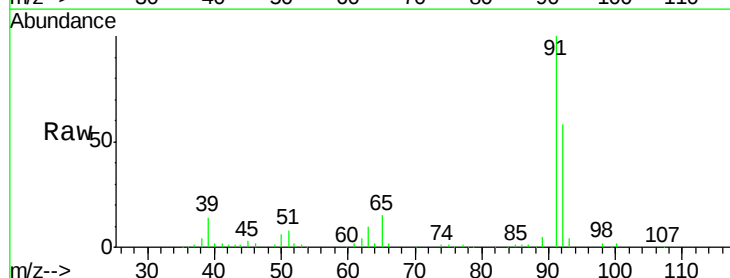
Acq: 06 Sep 2019 01:21

Tgt Ion: 92 Resp: 24457

Ion Ratio Lower Upper

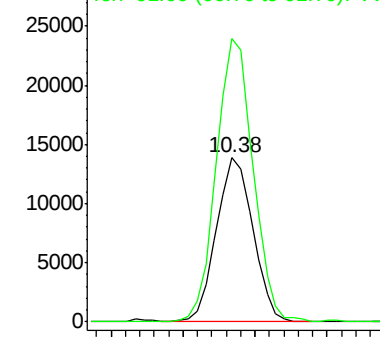
92 100

91 172.8 136.6 204.8

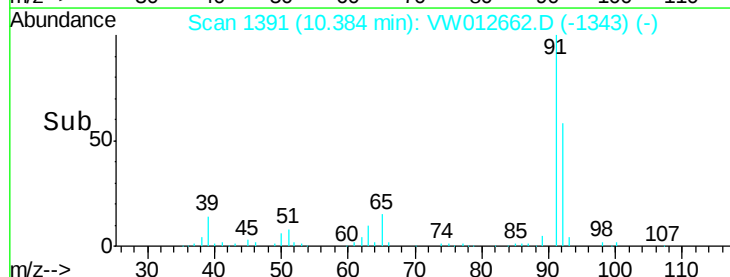


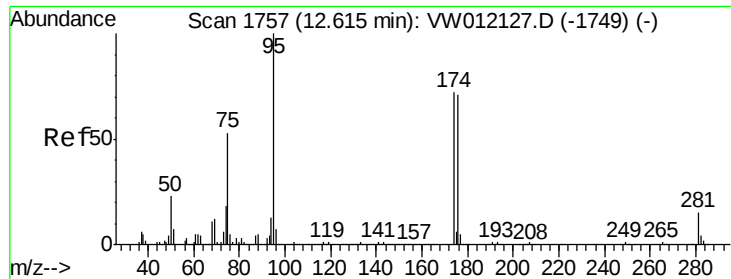
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->

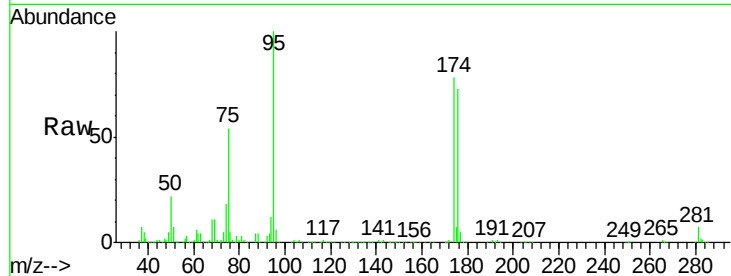




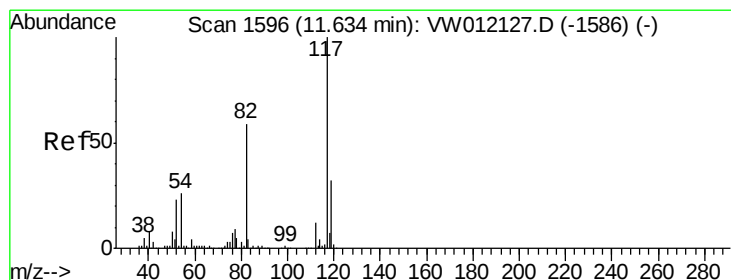
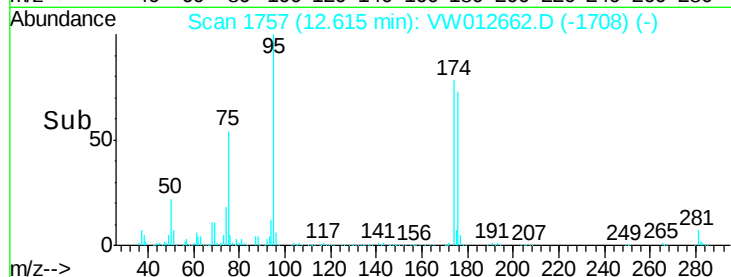
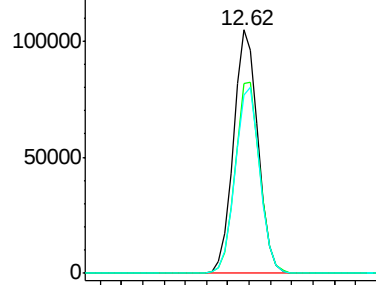
#62
4-Bromofluorobenzene
Concen: 50.149 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012662.D
Acq: 06 Sep 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A3-(3.5)

Tot Ion	95	Resp	169056
Ion Ratio	100	Lower	Upper
174	79.2	0.0	150.8
176	77.0	0.0	148.6

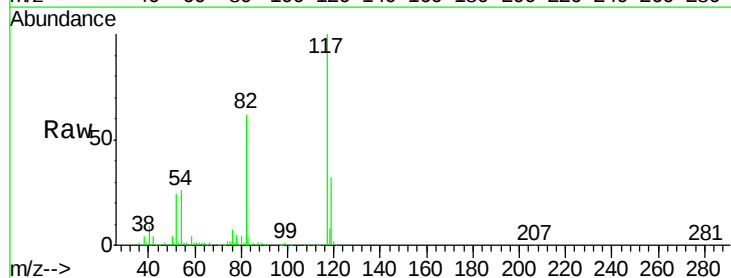


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

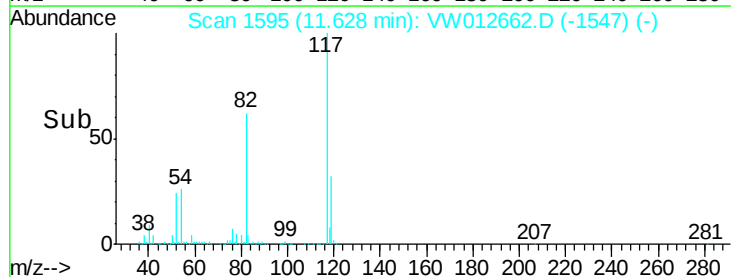
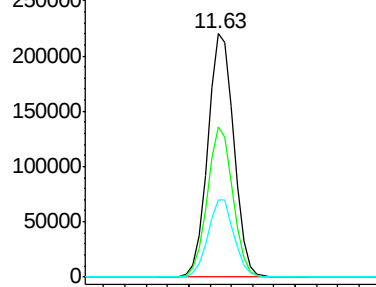


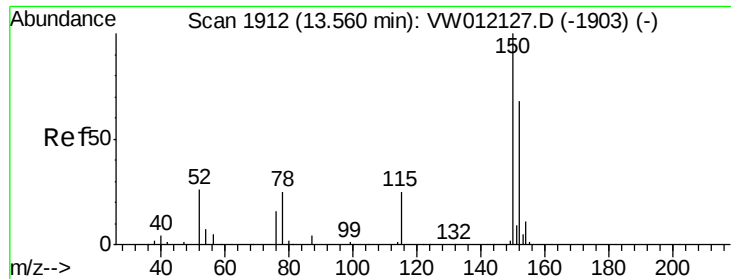
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012662.D
Acq: 06 Sep 2019 01:21

Tgt Ion	117	Resp	378110
Ion Ratio	100	Lower	Upper
82	61.8	47.4	71.2
119	31.9	25.4	38.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012662.D

Acq: 06 Sep 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A3-(3.5)

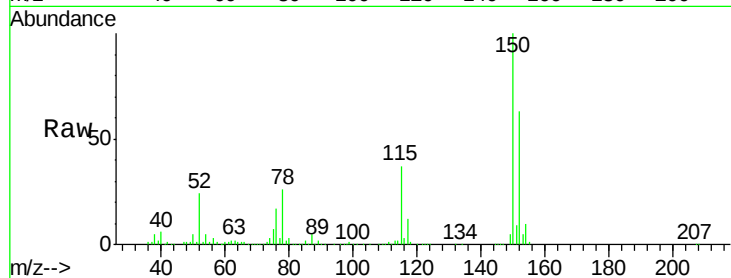
Tot Ion:152 Resp: 134092

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 157.7 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

