

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012666.D
 Acq On : 06 Sep 2019 03:04
 Operator : SY/VA
 Sample : K4579-11
 Misc : 4.24G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B3-(0)

Quant Time: Sep 06 08:42:55 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

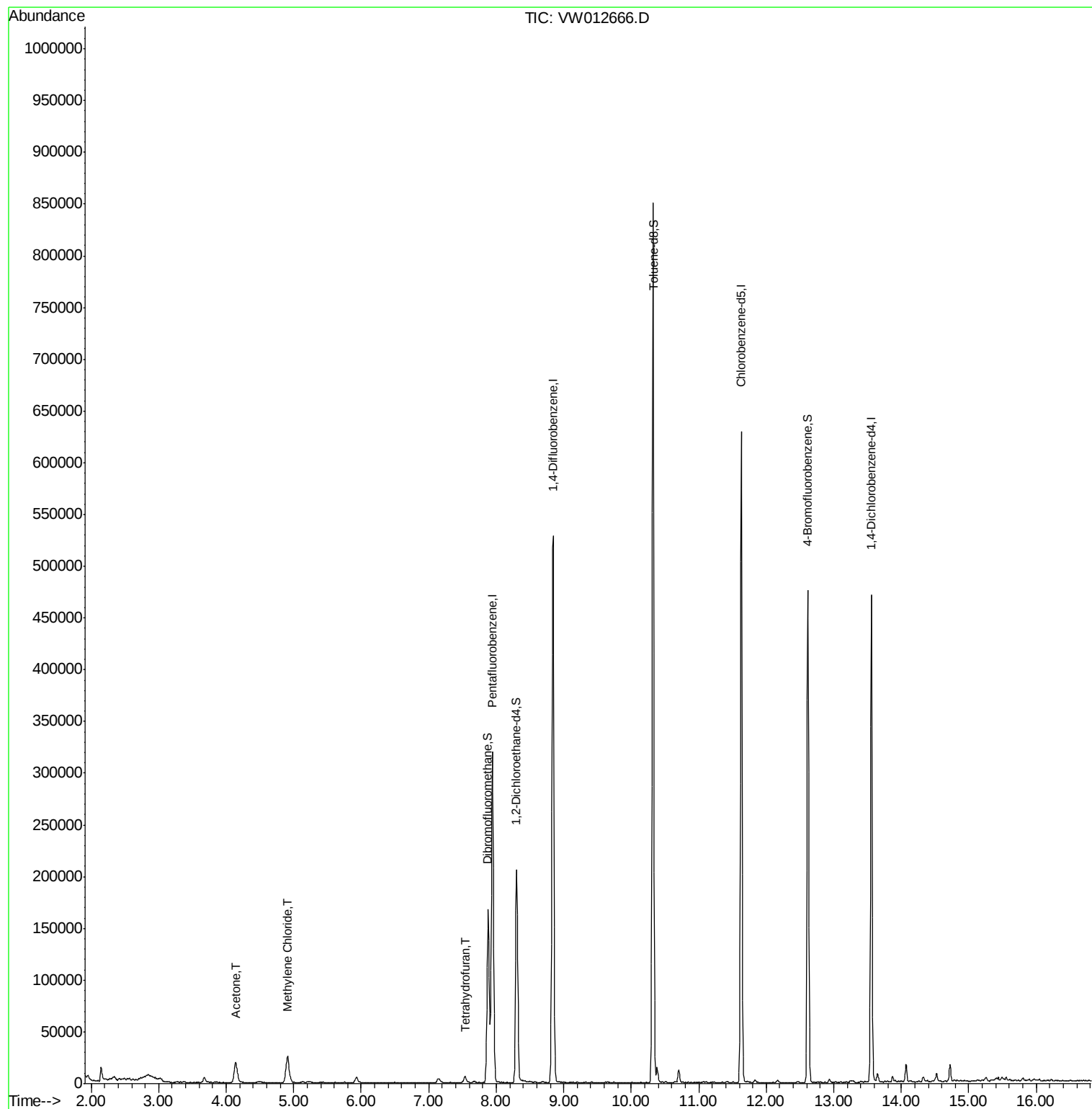
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169564	59.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.20%	
35) Dibromofluoromethane	7.88	113	119229	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.32	98	531347	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	145075	40.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.46%	
Target Compounds						
16) Acetone	4.14	43	44654	61.401	ug/l	Qvalue 100
20) Methylene Chloride	4.91	84	18217	6.626	ug/l	93
29) Tetrahydrofuran	7.53	42	5491	9.261	ug/l #	87

(#) = 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: VW012666.D

Acq: 06 Sep 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

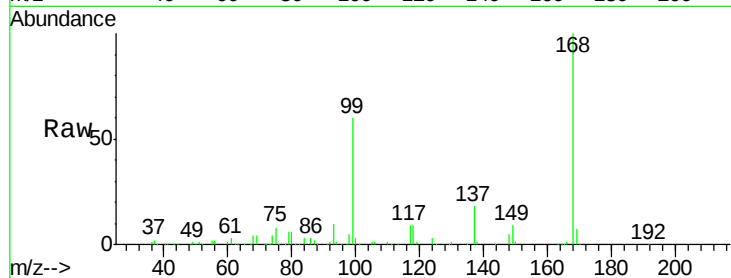
PAR-12-B3-(0)

Tot Ion:168 Resp: 239329

Ion Ratio Lower Upper

168 100

99 59.7 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

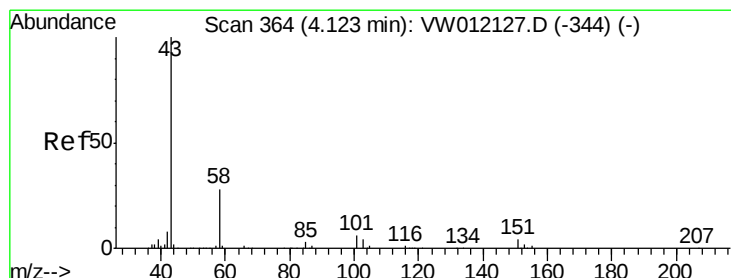
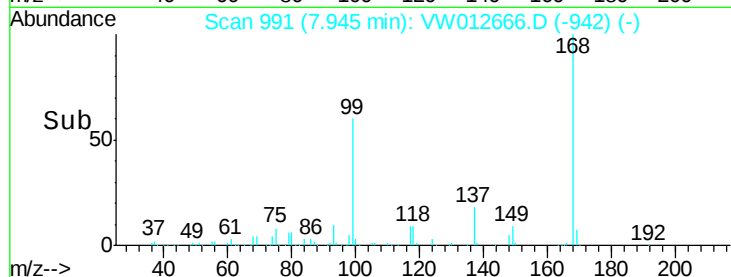
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 61.401 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012666.D

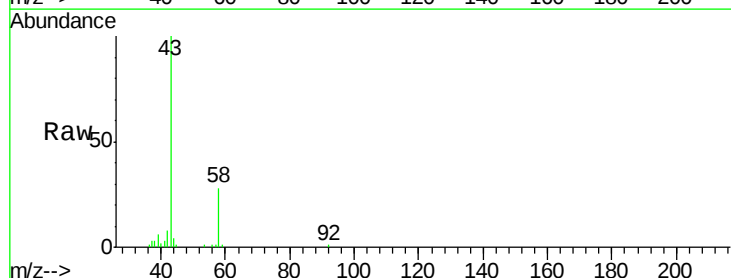
Acq: 06 Sep 2019 03:04

Tgt Ion: 43 Resp: 44654

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

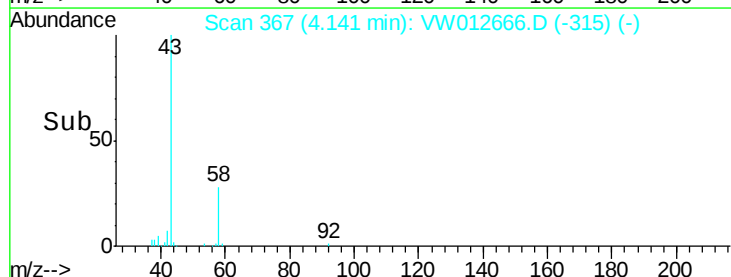
15000

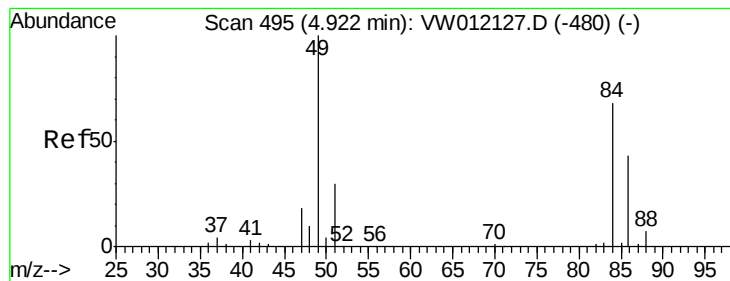
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methvlene Chloride

Concen: 6.626 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012666.D

Acq: 06 Sep 2019 03:04

Instrument :

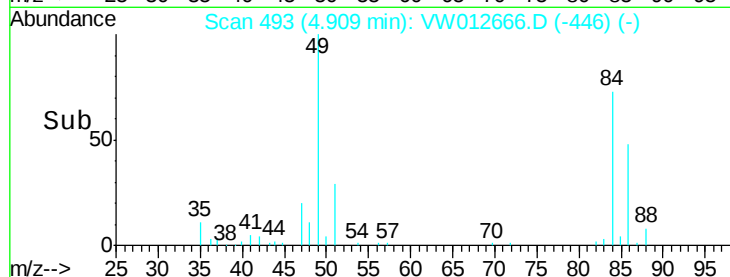
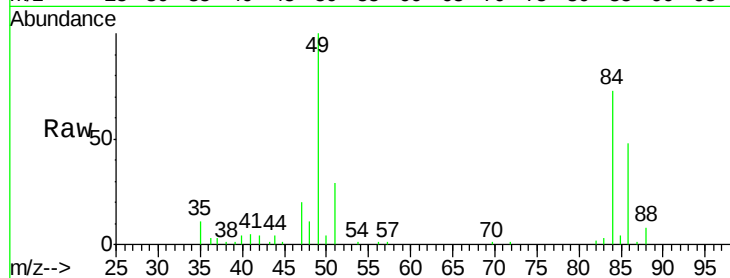
MSVOA_W

ClientSampleId :

PAR-12-B3-(0)

Tot Ion: 84 Resp: 18217

Ion	Ratio	Lower	Upper
84	100		
49	136.5	117.8	176.8
51	39.5	35.6	53.4
86	65.6	51.2	76.8



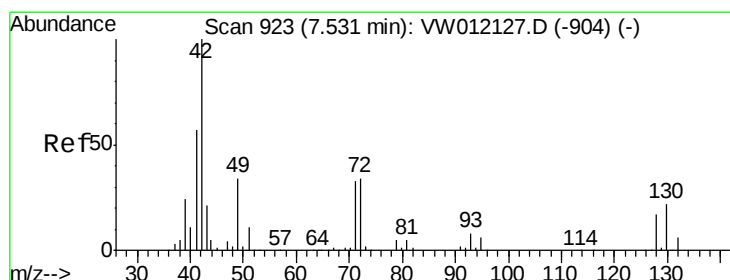
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 9.261 ug/l

RT: 7.53 min Scan# 923

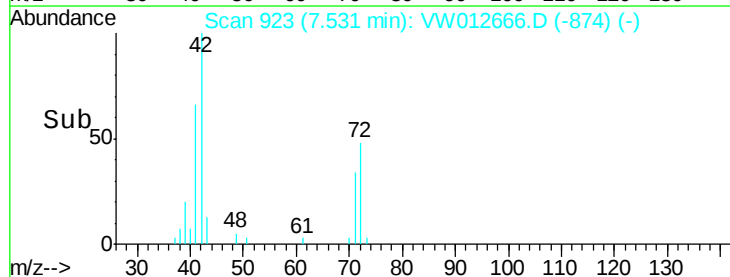
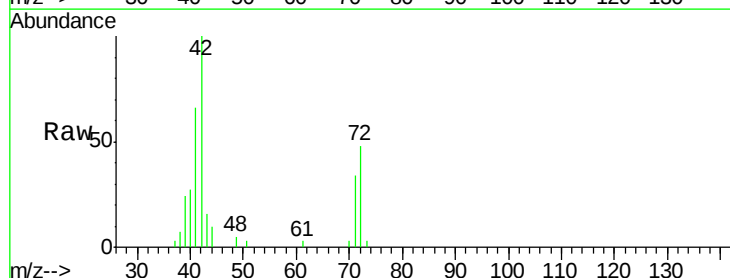
Delta R.T. -0.00 min

Lab File: VW012666.D

Acq: 06 Sep 2019 03:04

Tgt Ion: 42 Resp: 5491

Ion	Ratio	Lower	Upper
42	100		
72	41.6	27.3	40.9#
71	38.8	25.5	38.3#

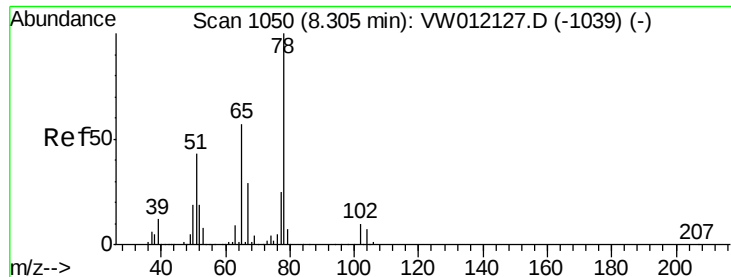


Abundance

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: 59.600 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012666.D

Acq: 06 Sep 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

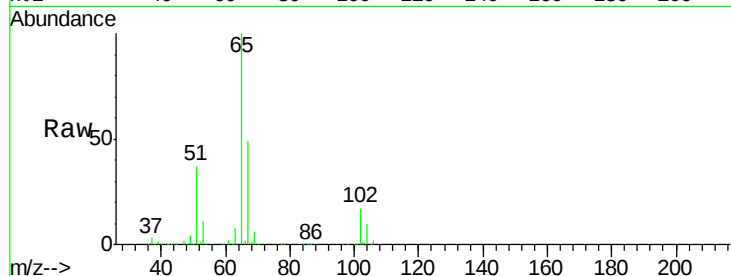
PAR-12-B3-(0)

Tot Ion: 65 Resp: 169564

Ion Ratio Lower Upper

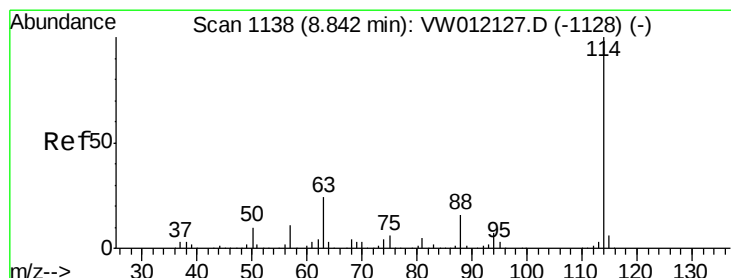
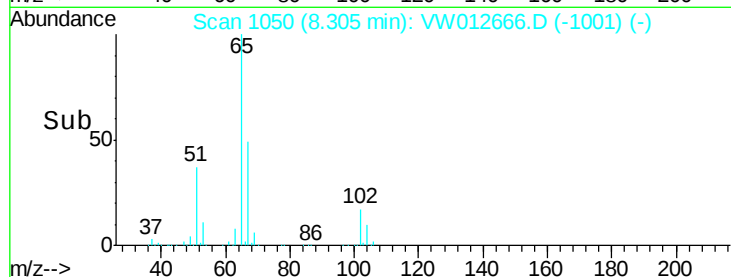
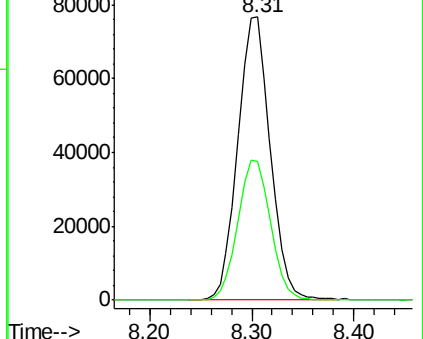
65 100

67 49.9 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: VW012666.D

Acq: 06 Sep 2019 03:04

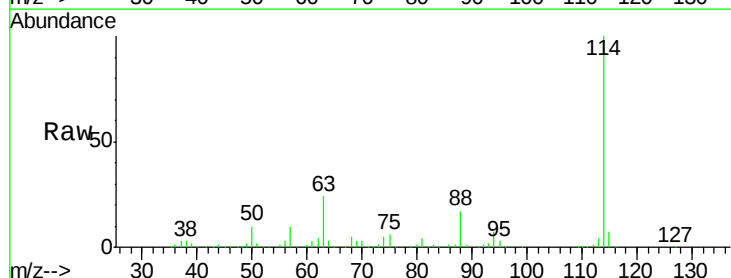
Tgt Ion: 114 Resp: 417464

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

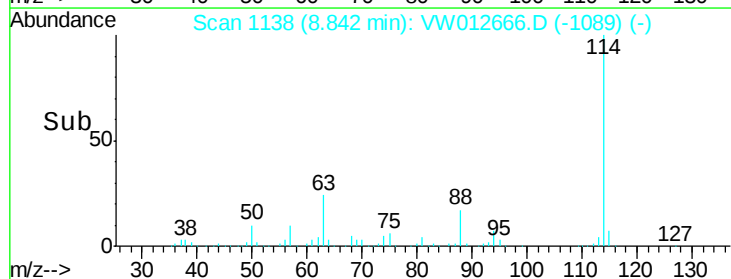
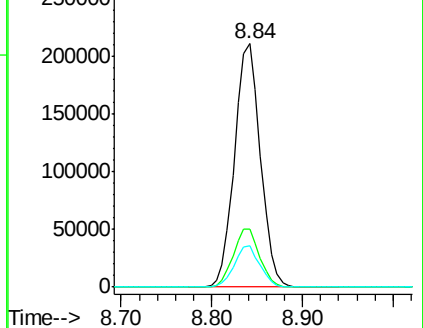
88 17.2 0.0 32.2

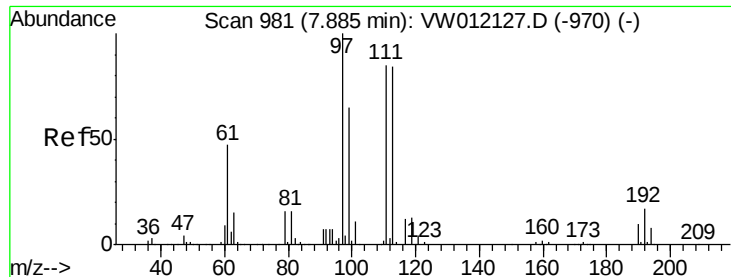


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

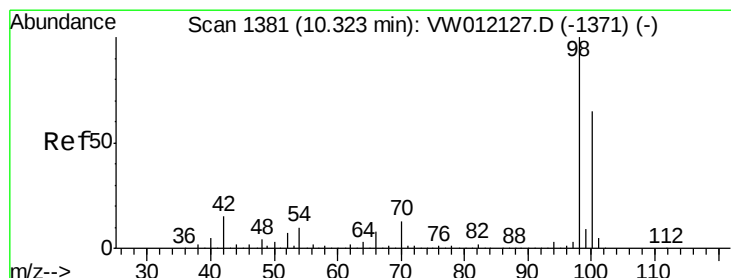
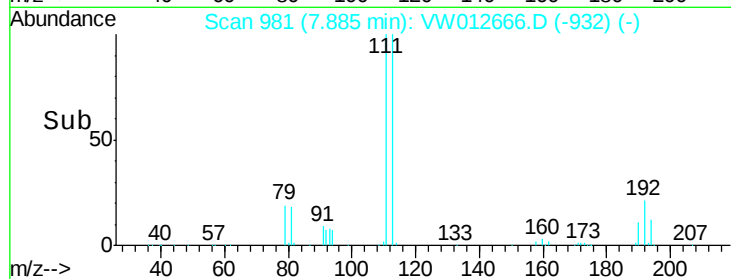
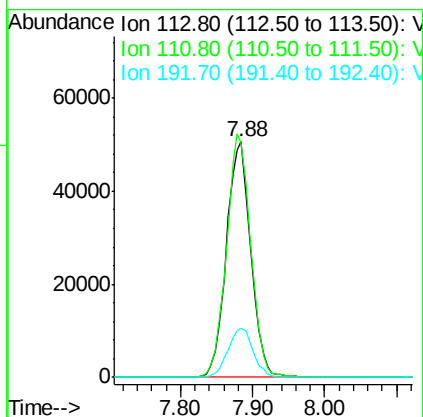
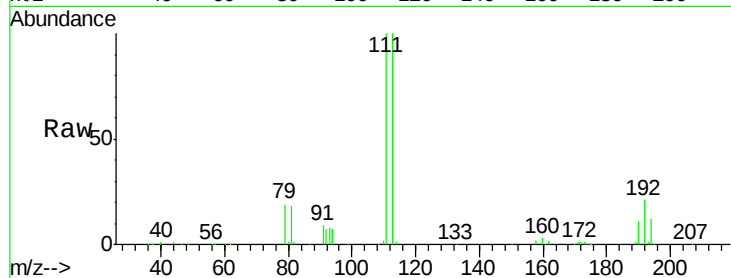




#35
 Dibromofluoromethane
 Concen: 47.847 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012666.D
 Acq: 06 Sep 2019 03:04

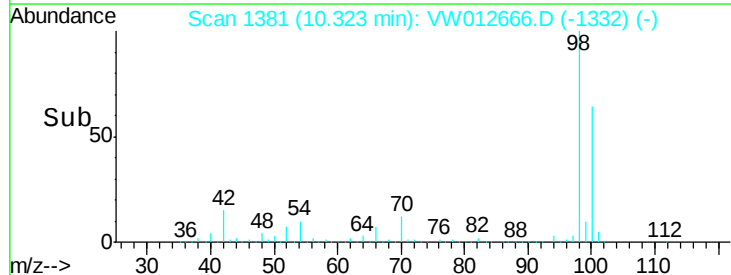
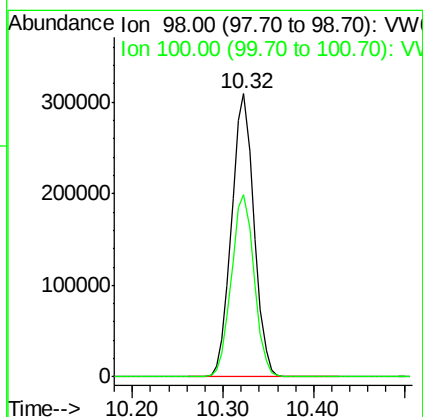
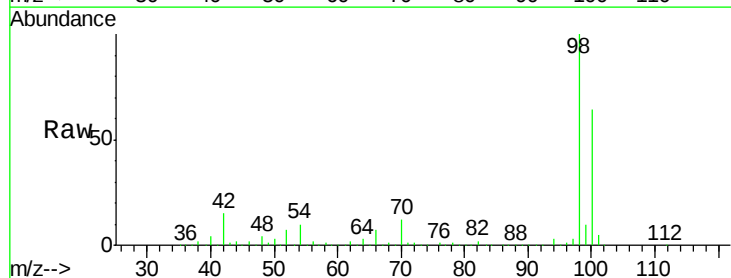
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B3-(0)

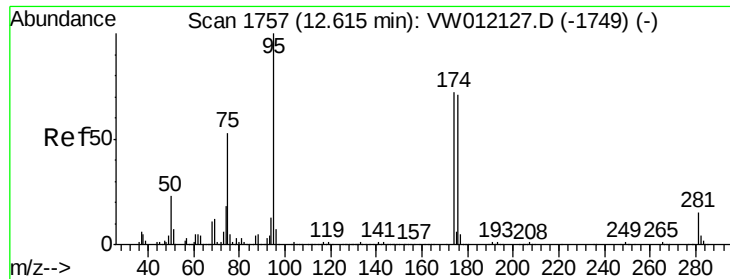
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	21.4	16.2	24.2



#50
 Toluene-d8
 Concen: 52.589 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012666.D
 Acq: 06 Sep 2019 03:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

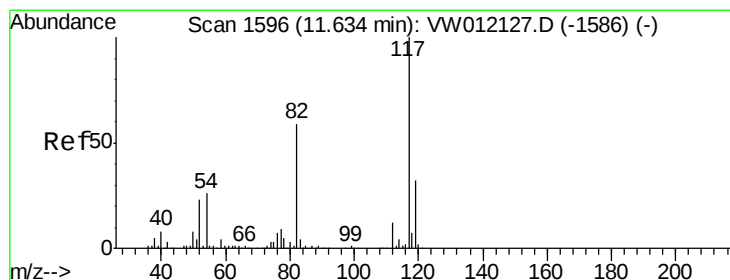
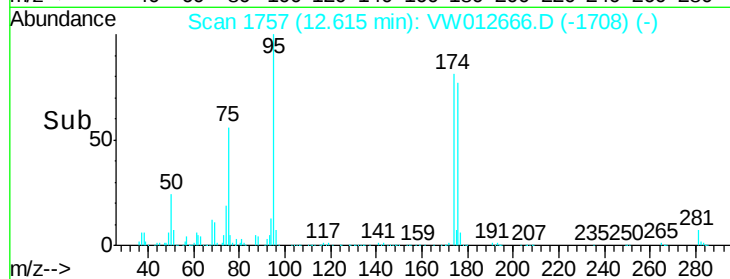
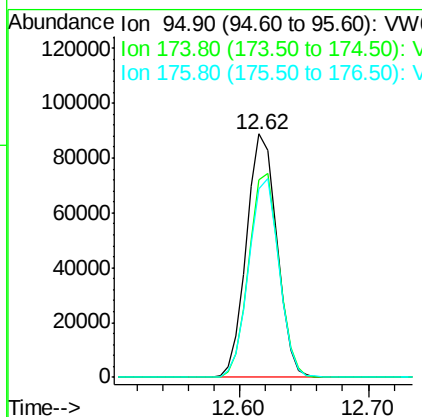
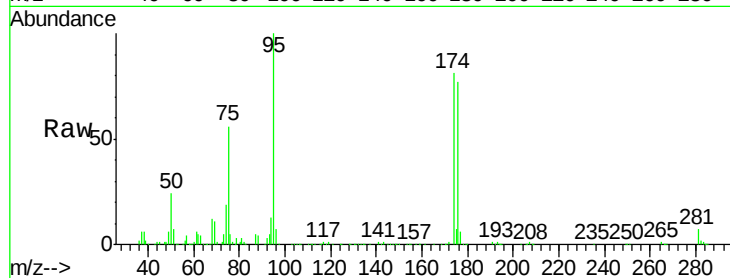




#62
4-Bromofluorobenzene
Concen: 40.734 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012666.D
Acq: 06 Sep 2019 03:04

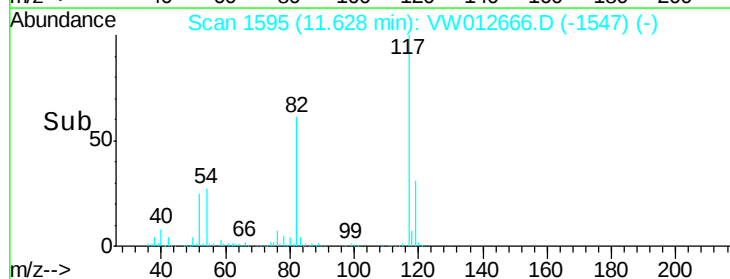
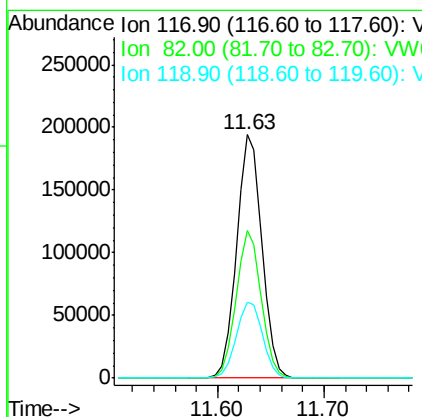
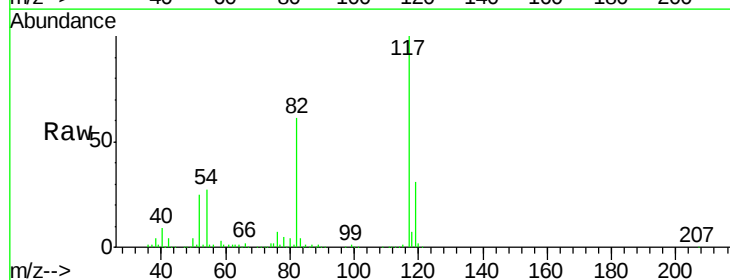
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B3-(0)

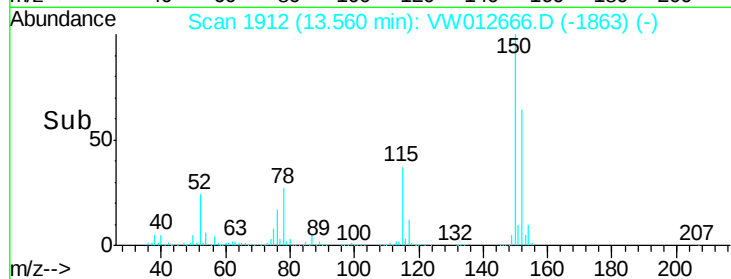
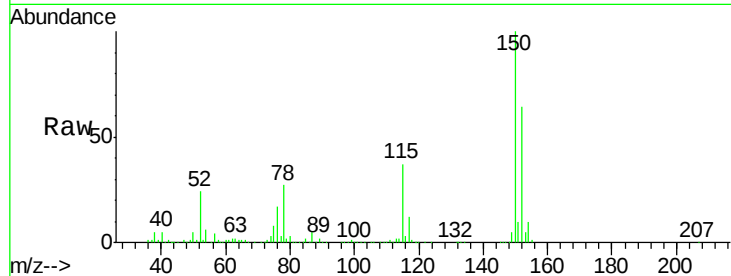
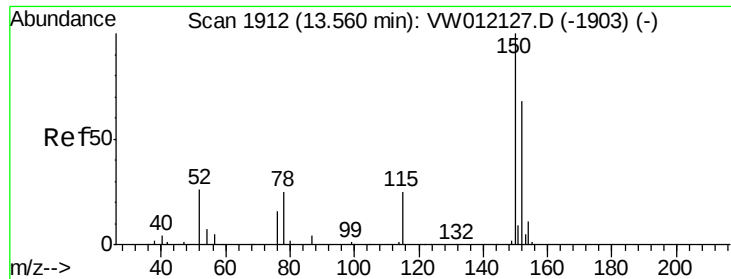
Tot Ion	95	Resp	145075
Ion Ratio	100	Lower	Upper
174	83.0	0.0	150.8
176	80.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012666.D
Acq: 06 Sep 2019 03:04

Tgt Ion	117	Resp	323963
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	60.6	47.4	71.2
119	31.4	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: VW012666.D

Acq: 06 Sep 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B3-(0)

Tot Ion:152 Resp: 120038

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.3

150 157.0 0.0 345.8

