

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012669.D
 Acq On : 06 Sep 2019 04:22
 Operator : SY/VA
 Sample : K4579-14
 Misc : 6.63G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B2-(3.5)

Quant Time: Sep 06 08:47:09 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

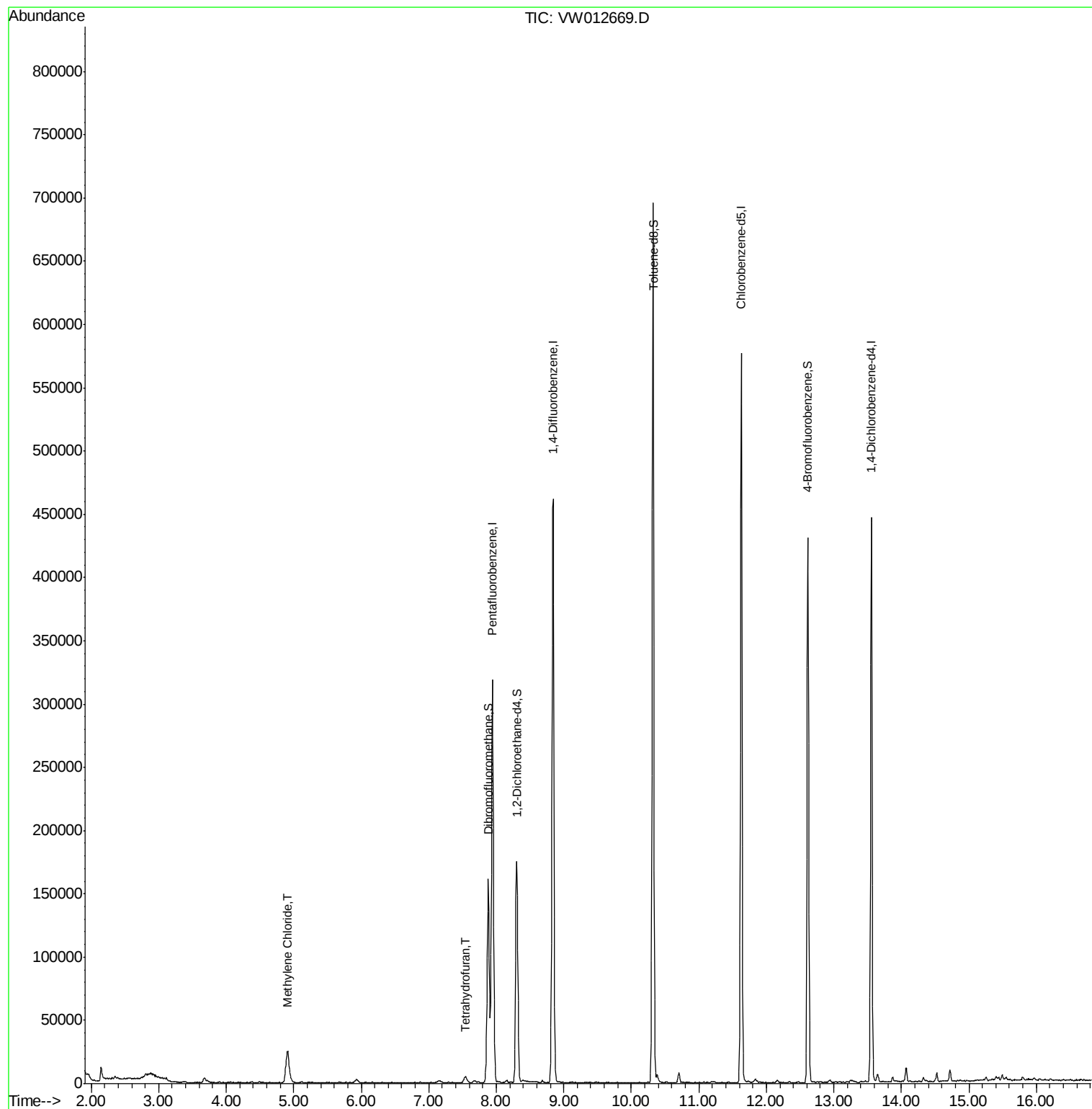
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146464	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	7.88	113	111248	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.32	98	441568	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.62	95	135194	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
20) Methylene Chloride	4.91	84	19438	7.347	ug/l	95
29) Tetrahydrofuran	7.54	42	5020	8.799	ug/l	96

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

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Quant Title : SW846 8260
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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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Instrument :

MSVOA_W

ClientSampleId :

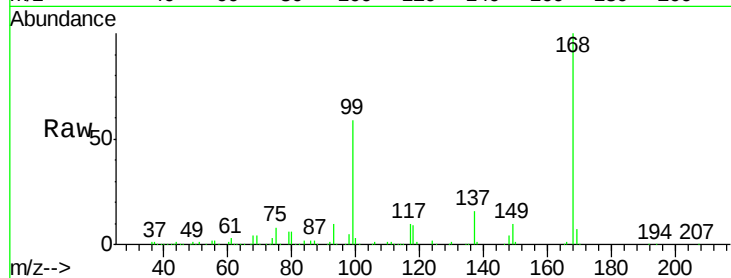
PAR-12-B2-(3.5)

Tot Ion:168 Resp: 230298

Ion Ratio Lower Upper

168 100

99 59.4 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

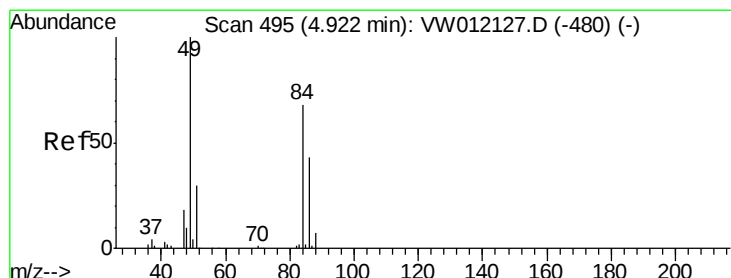
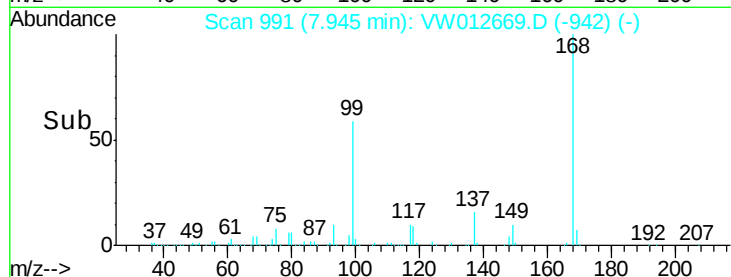
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 7.347 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012669.D

Acq: 06 Sep 2019 04:22

Tgt Ion: 84 Resp: 19438

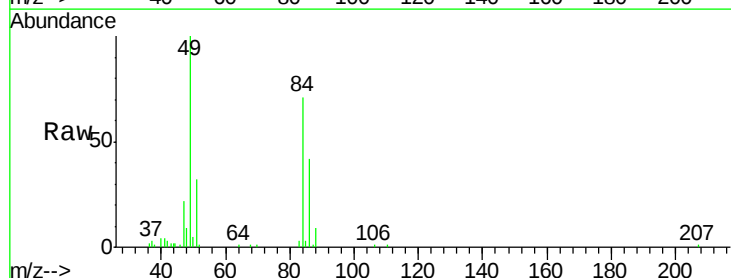
Ion Ratio Lower Upper

84 100

49 140.4 117.8 176.8

51 44.6 35.6 53.4

86 58.8 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

12000

10000

8000

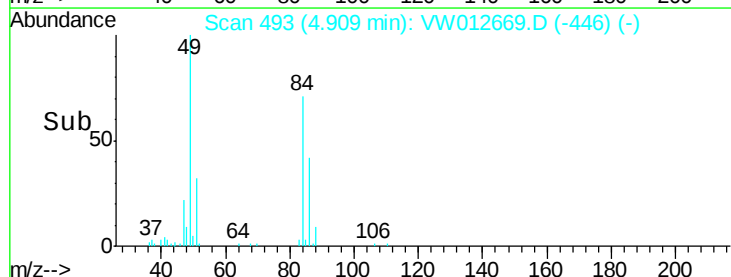
6000

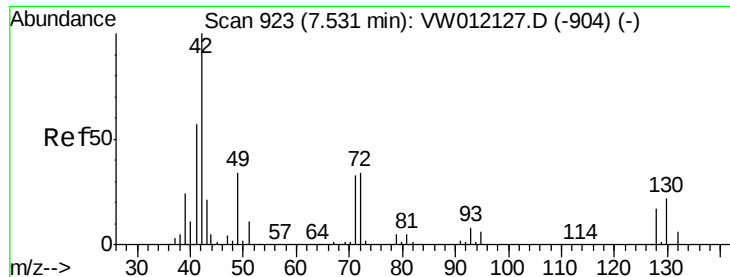
4000

2000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 8.799 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012669.D

Acq: 06 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B2-(3.5)

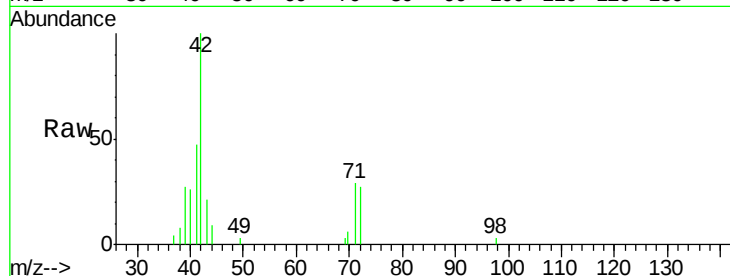
Tot Ion: 42 Resp: 5020

Ion Ratio Lower Upper

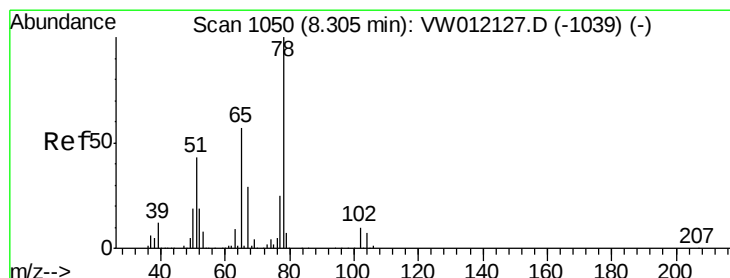
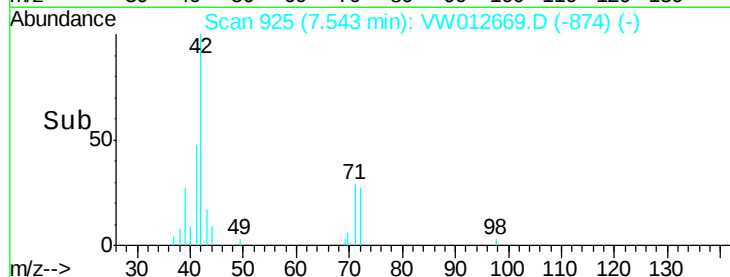
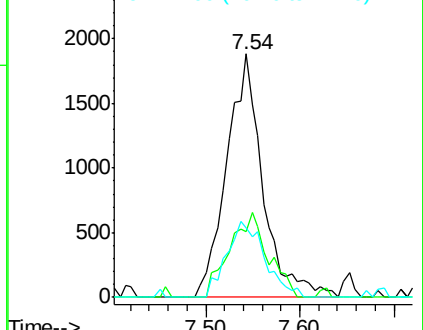
42 100

72 37.3 27.3 40.9

71 33.1 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: 53.499 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012669.D

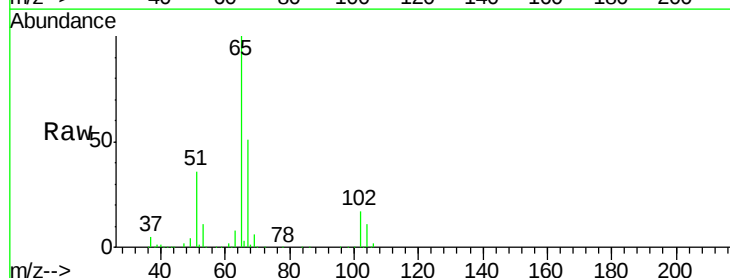
Acq: 06 Sep 2019 04:22

Tgt Ion: 65 Resp: 146464

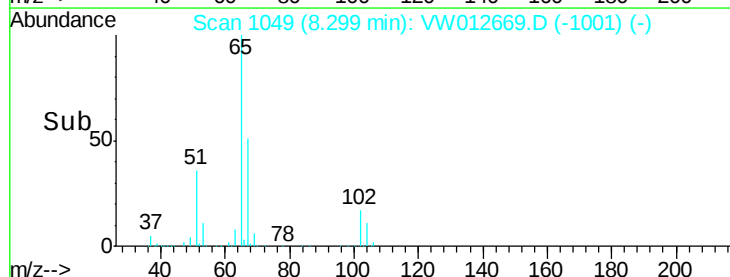
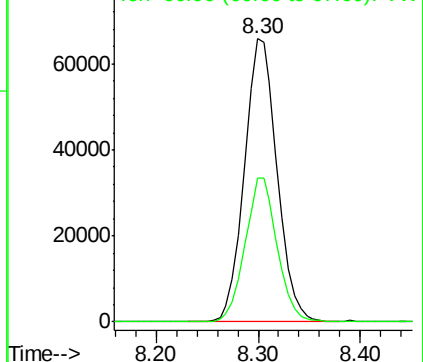
Ion Ratio Lower Upper

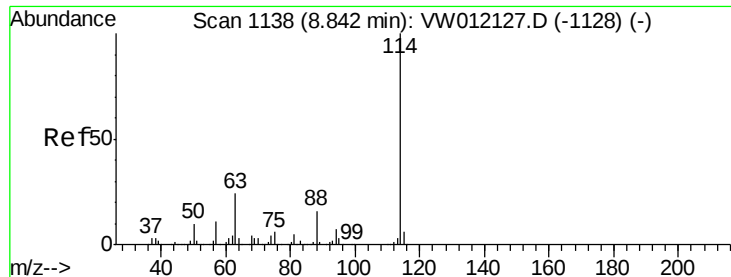
65 100

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

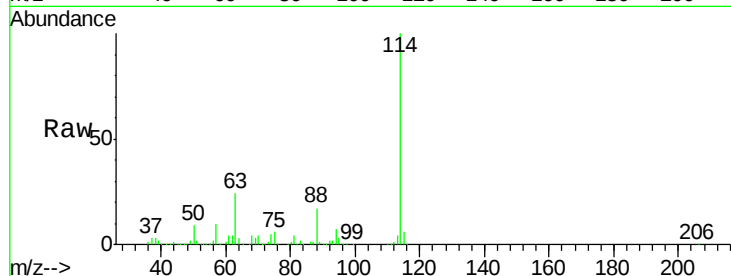




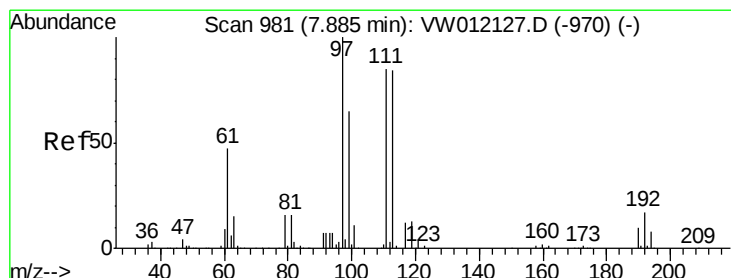
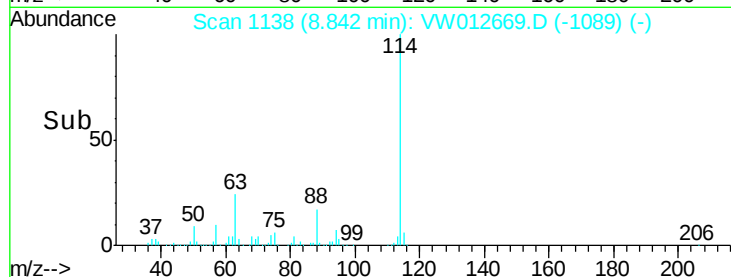
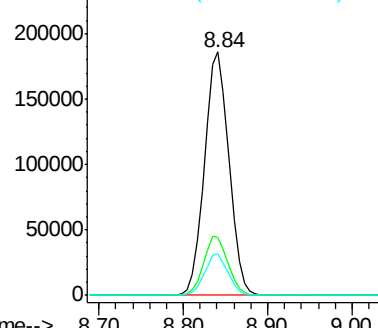
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012669.D
 Acq: 06 Sep 2019 04:22

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B2-(3.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	16.8	0.0	32.2

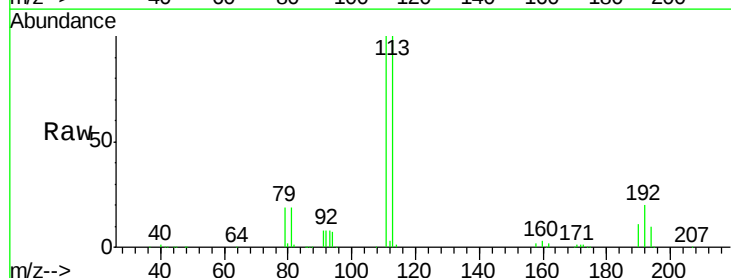


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

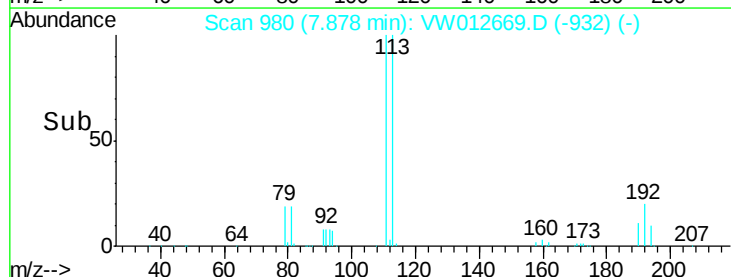
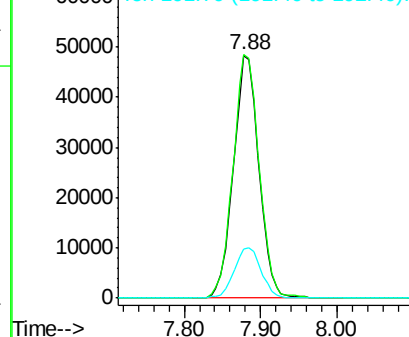


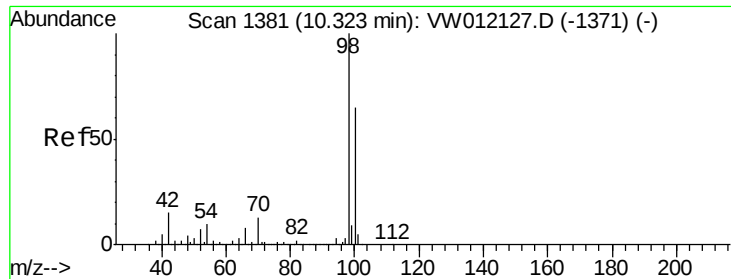
#35
 Dibromofluoromethane
 Concen: 51.194 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012669.D
 Acq: 06 Sep 2019 04:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	22.0	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: 50.114 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012669.D

Acq: 06 Sep 2019 04:22

Instrument :

MSVOA_W

ClientSampleId :

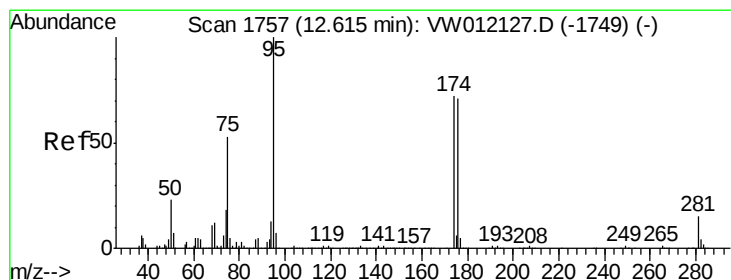
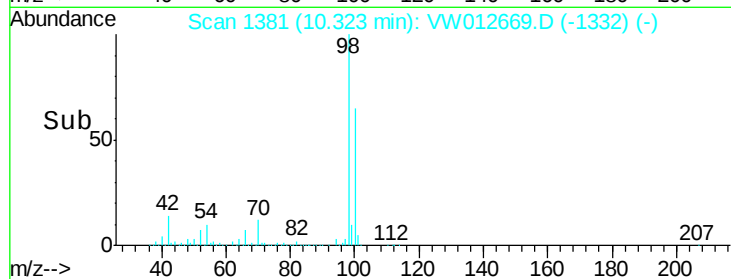
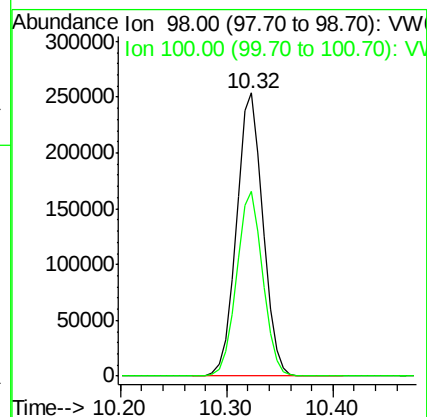
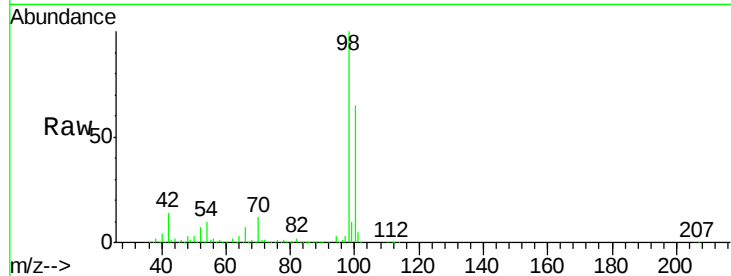
PAR-12-B2-(3.5)

Tot Ion: 98 Resp: 441568

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 43.527 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012669.D

Acq: 06 Sep 2019 04:22

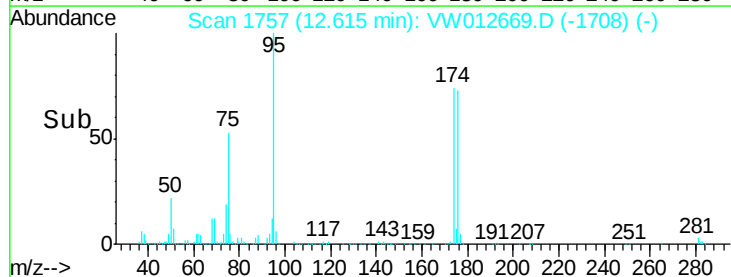
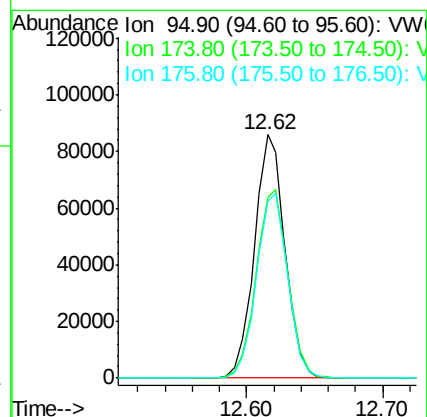
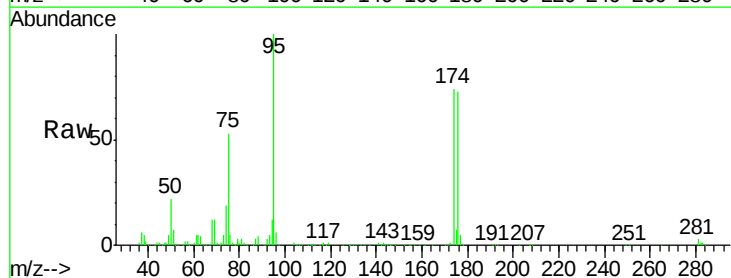
Tgt Ion: 95 Resp: 135194

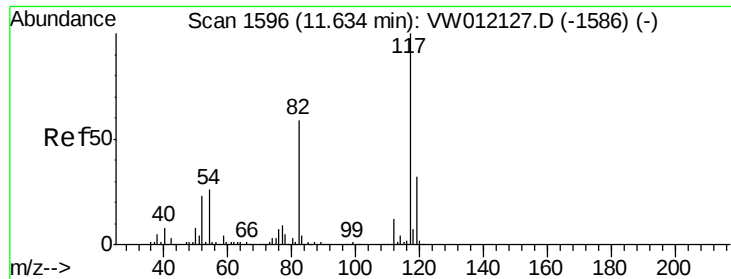
Ion Ratio Lower Upper

95 100

174 80.7 0.0 150.8

176 77.5 0.0 148.6

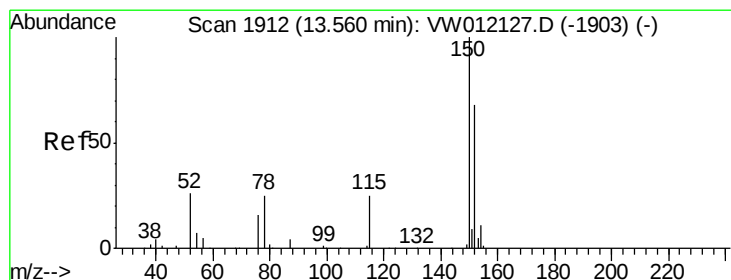
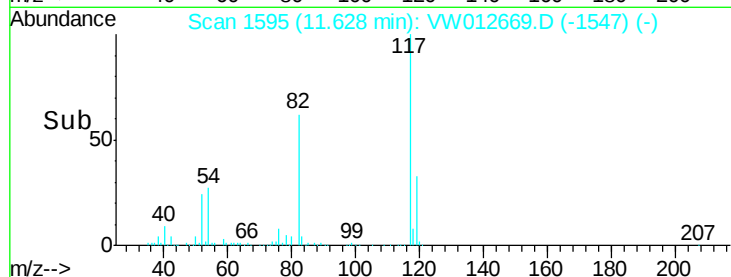
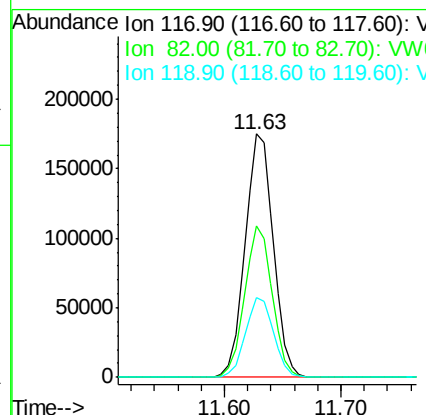
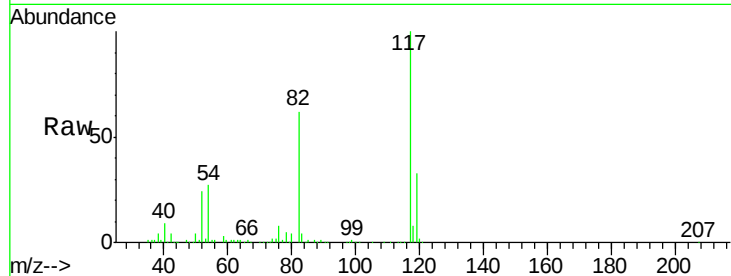




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012669.D
Acq: 06 Sep 2019 04:22

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B2-(3.5)

Tot Ion:117 Resp: 296129
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 33.0 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: VW012669.D
Acq: 06 Sep 2019 04:22

Tgt Ion:152 Resp: 113839
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 158.0 0.0 345.8

