

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012664.D
 Acq On : 06 Sep 2019 02:13
 Operator : SY/VA
 Sample : K4579-09
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B1-(0)

Quant Time: Sep 06 08:40:21 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

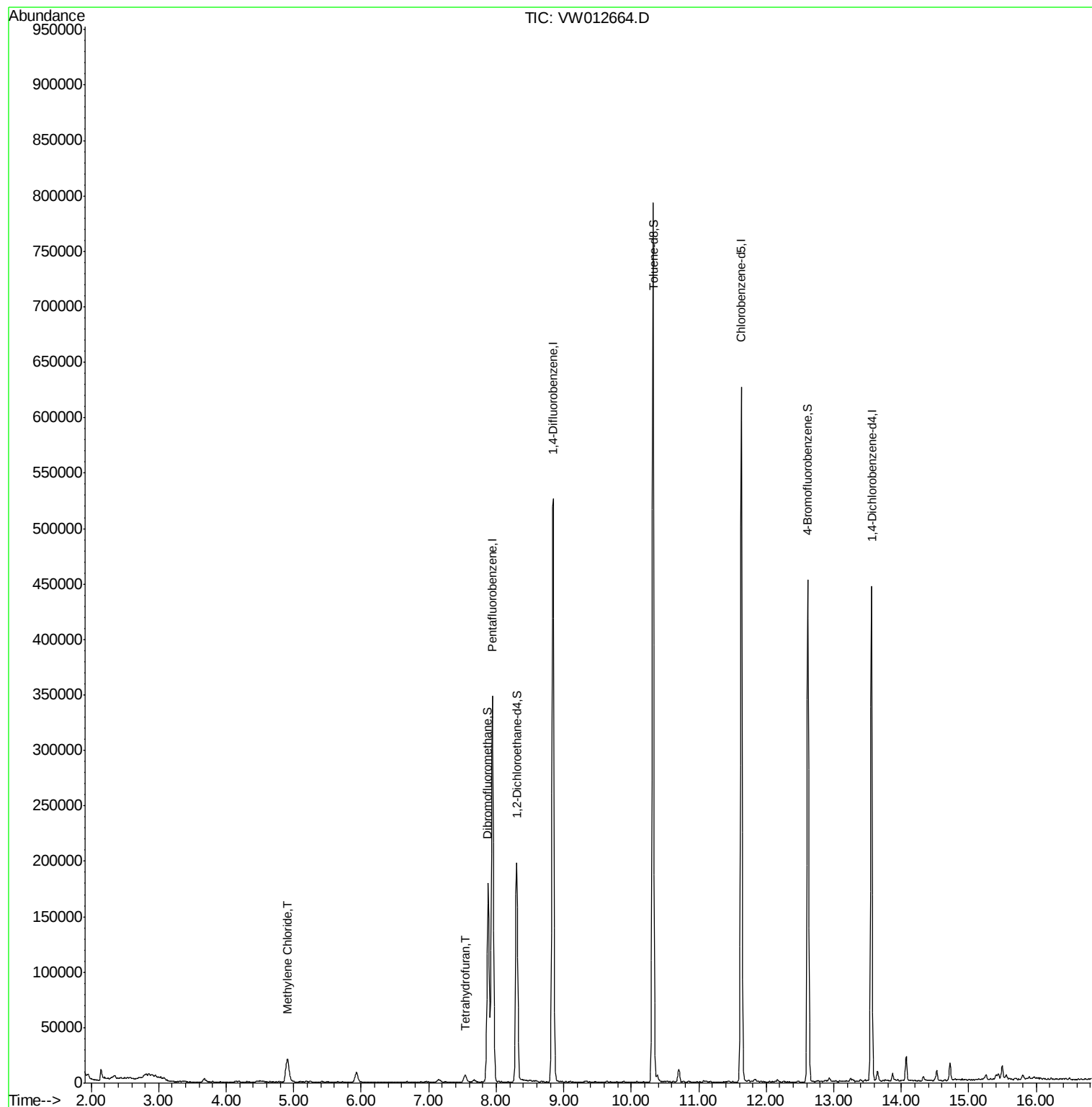
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164294	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	126342	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.32	98	500488	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	138712	38.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.54%	
Target Compounds						
20) Methylene Chloride	4.90	84	15904	5.274	ug/l	92
29) Tetrahydrofuran	7.54	42	6122	9.414	ug/l	97

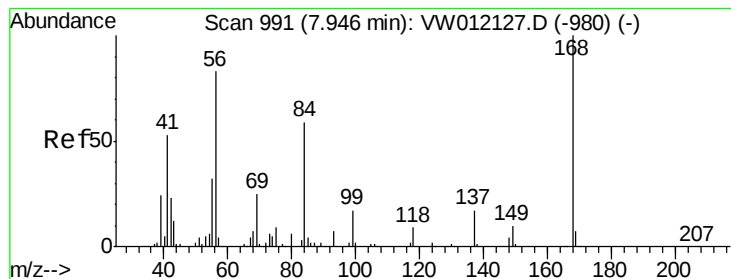
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012664.D

Acq: 06 Sep 2019 02:13

Instrument :

MSVOA_W

ClientSampleId :

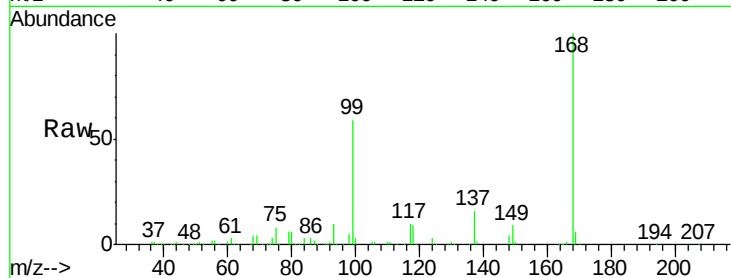
PAR-12-B1-(0)

Tot Ion:168 Resp: 262510

Ion Ratio Lower Upper

168 100

99 59.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

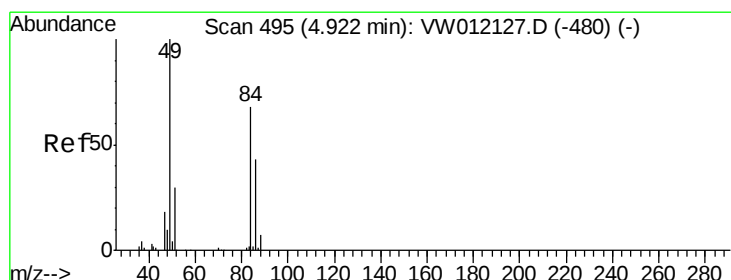
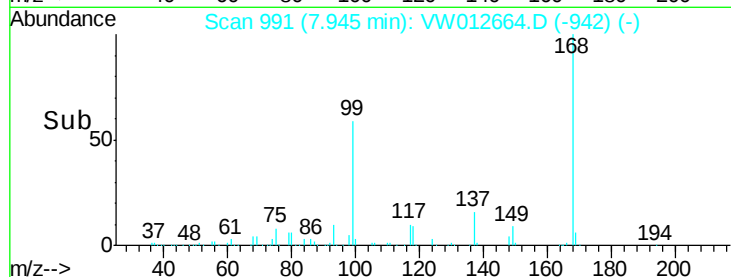
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.274 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012664.D

Acq: 06 Sep 2019 02:13

Tgt Ion: 84 Resp: 15904

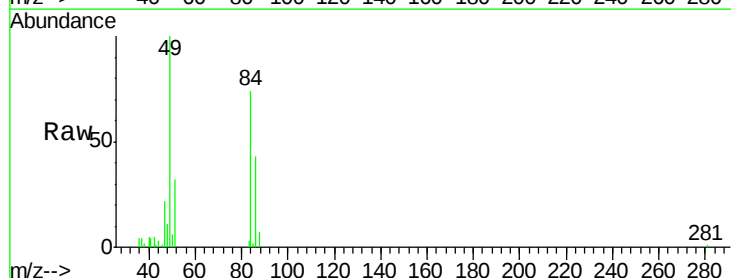
Ion Ratio Lower Upper

84 100

49 135.2 117.8 176.8

51 43.1 35.6 53.4

86 58.5 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

10000

8000

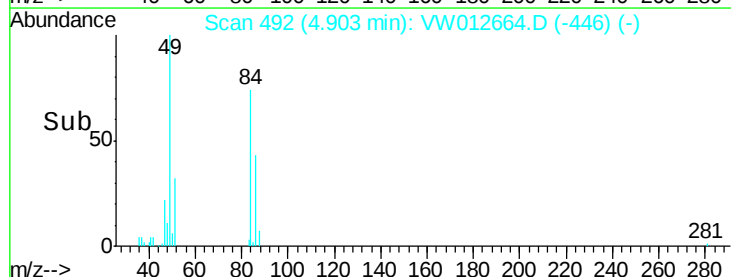
6000

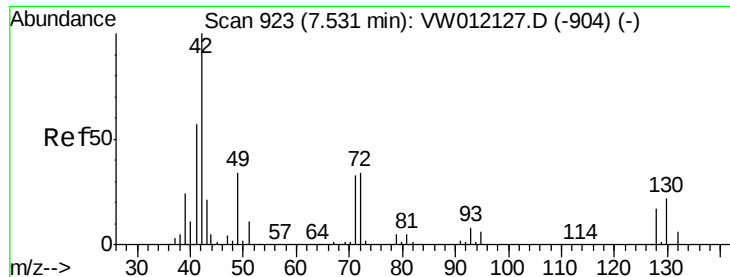
4000

2000

0

Time-->

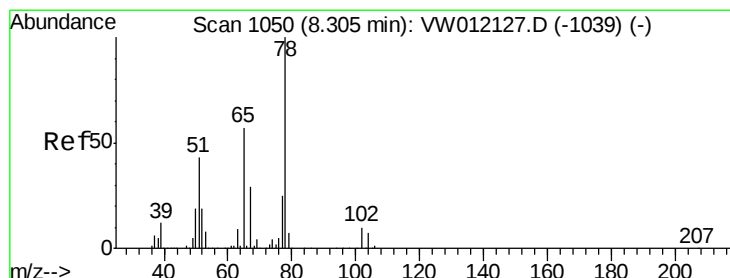
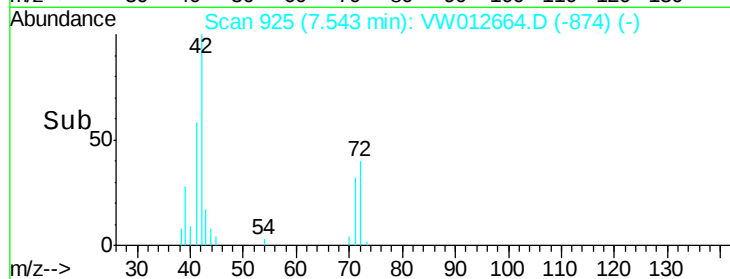
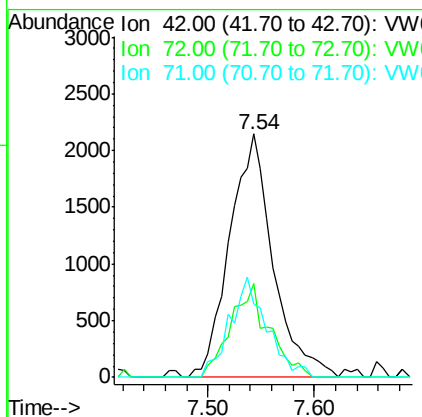
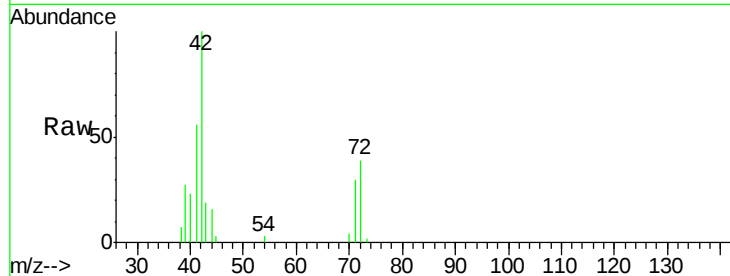




#29
Tetrahydrofuran
Concen: 9.414 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012664.D
Acq: 06 Sep 2019 02:13

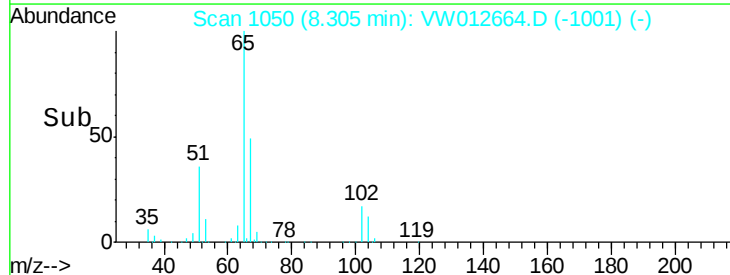
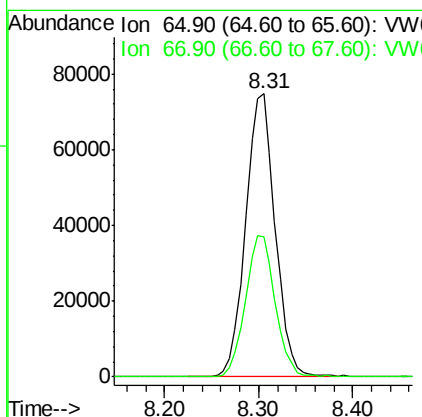
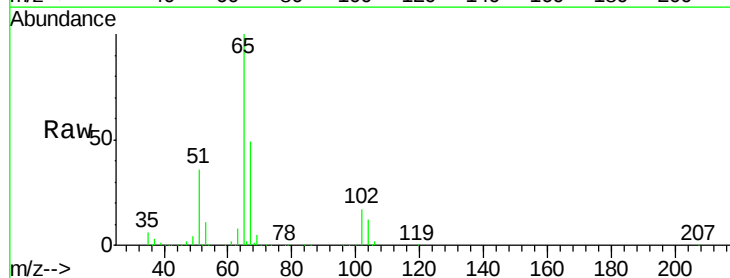
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B1-(0)

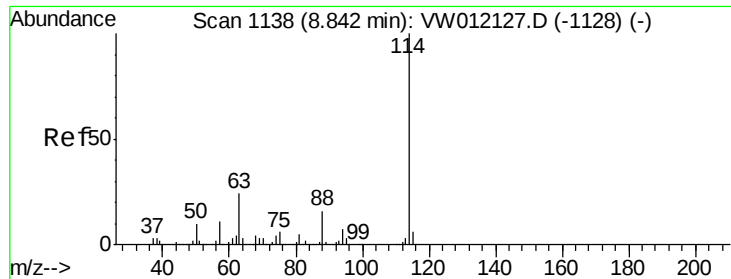
Tot Ion: 42 Resp: 6122
Ion Ratio Lower Upper
42 100
72 34.4 27.3 40.9
71 35.0 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 52.648 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012664.D
Acq: 06 Sep 2019 02:13

Tgt Ion: 65 Resp: 164294
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.6

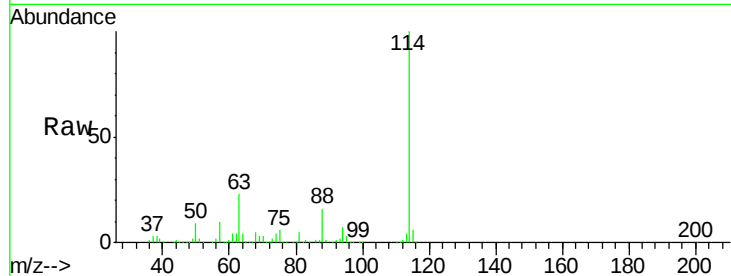




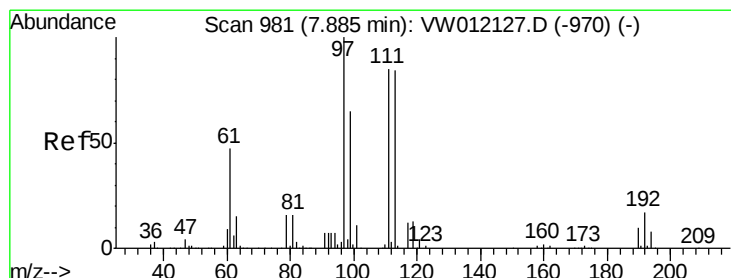
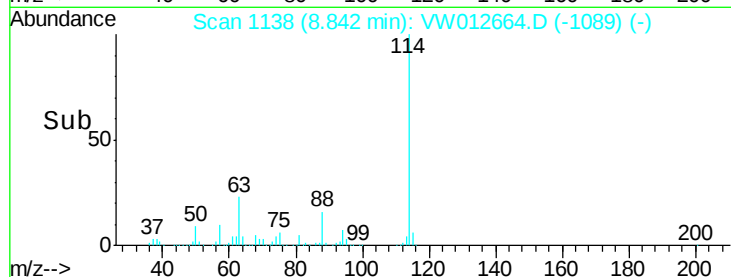
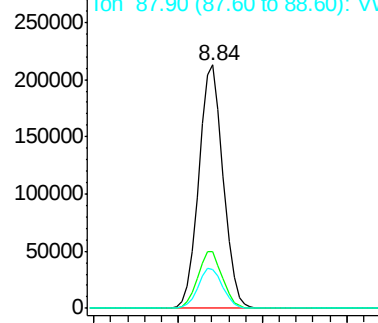
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012664.D
 Acq: 06 Sep 2019 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B1-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	48.6
88	15.9	0.0	32.2

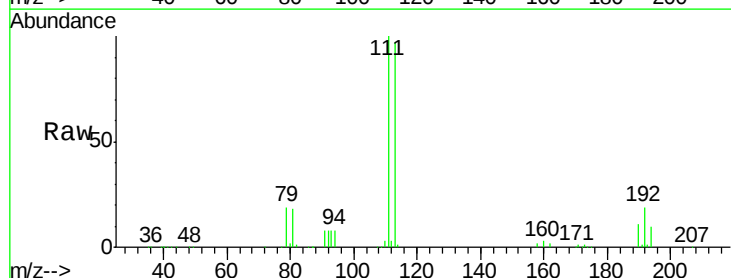


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

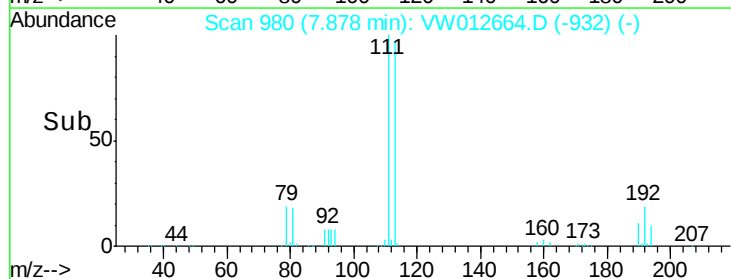
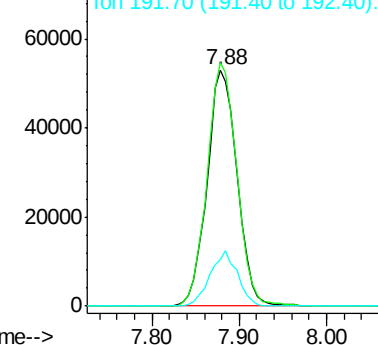


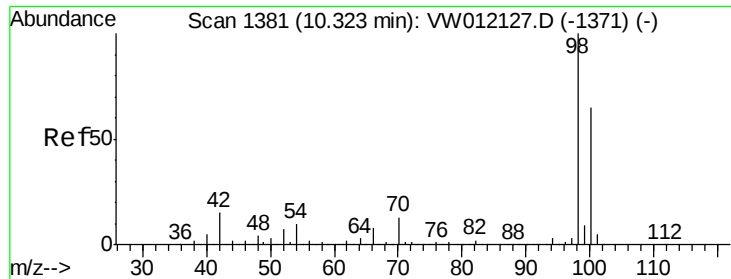
#35
 Dibromofluoromethane
 Concen: 50.470 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012664.D
 Acq: 06 Sep 2019 02:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	21.4	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

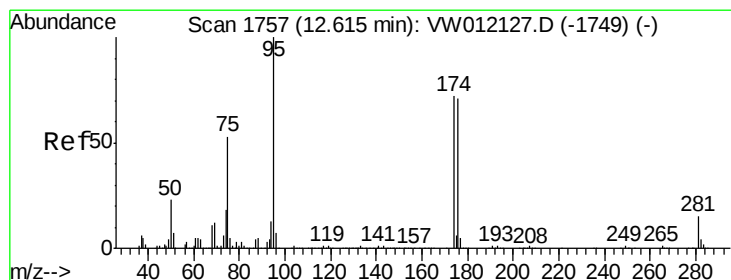
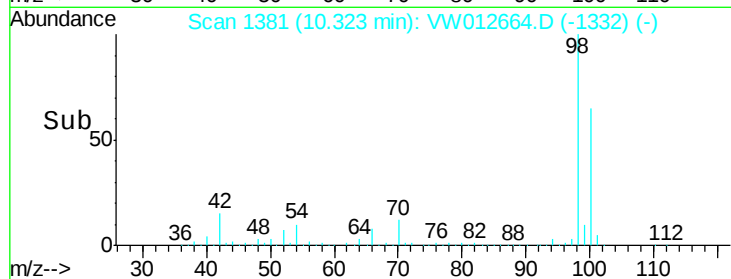
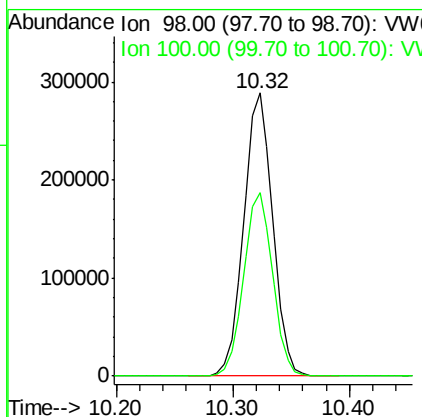
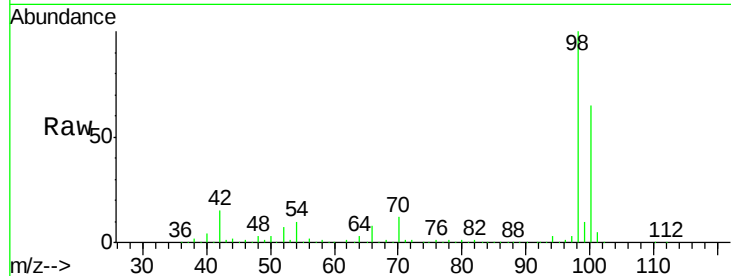




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012664.D
Acq: 06 Sep 2019 02:13

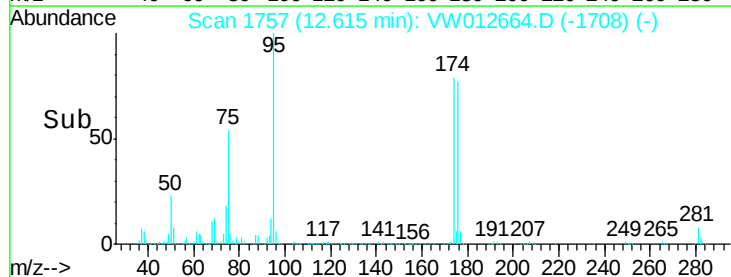
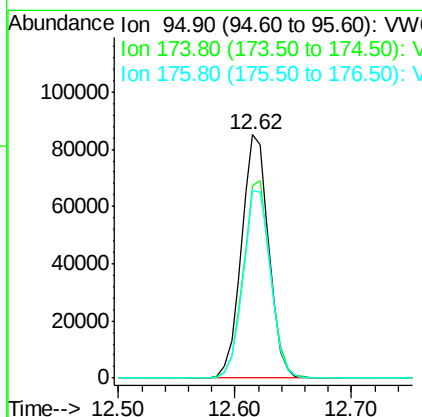
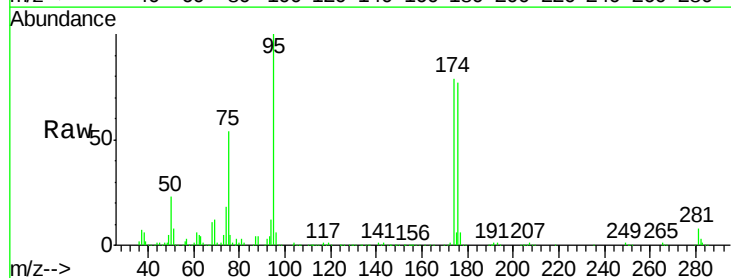
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B1-(0)

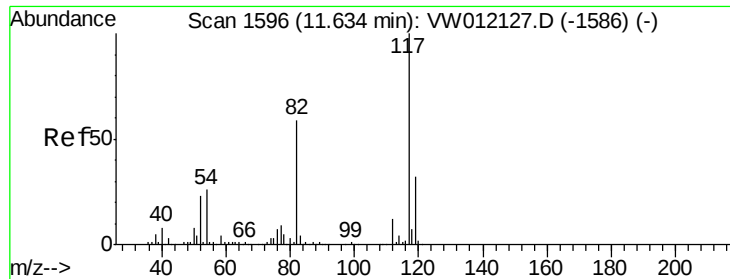
Tot Ion: 98 Resp: 500488
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.769 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012664.D
Acq: 06 Sep 2019 02:13

Tgt Ion: 95 Resp: 138712
Ion Ratio Lower Upper
95 100
174 80.6 0.0 150.8
176 78.2 0.0 148.6

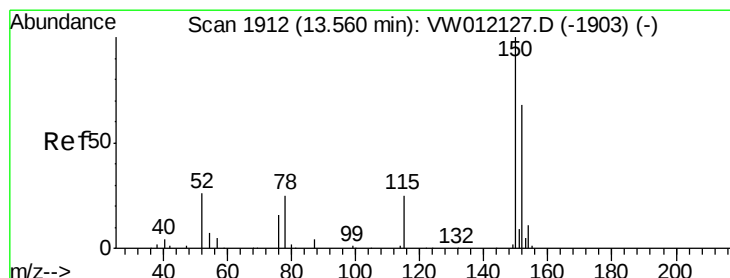
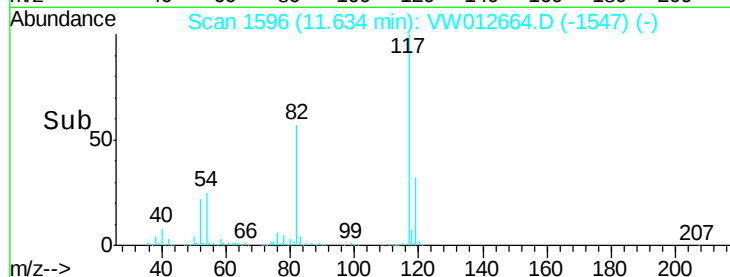
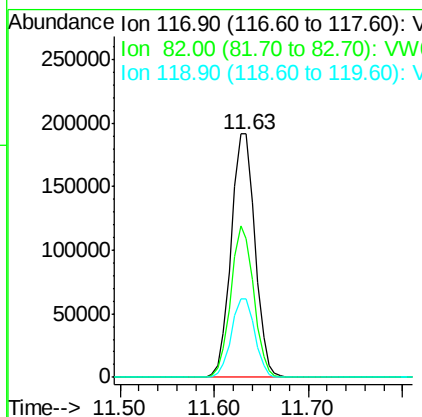
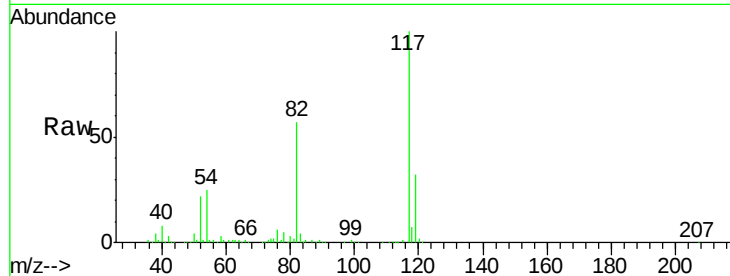




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012664.D
Acq: 06 Sep 2019 02:13

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B1-(0)

Tot Ion:117 Resp: 337670
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.1 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: VW012664.D
Acq: 06 Sep 2019 02:13

Tgt Ion:152 Resp: 116576
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 156.7 0.0 345.8

