

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012496.D
 Acq On : 02 Sep 2019 14:02
 Operator : SY/VA
 Sample : K4528-14
 Misc : 3.26G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S4-(0)

Quant Time: Sep 03 08:04:41 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

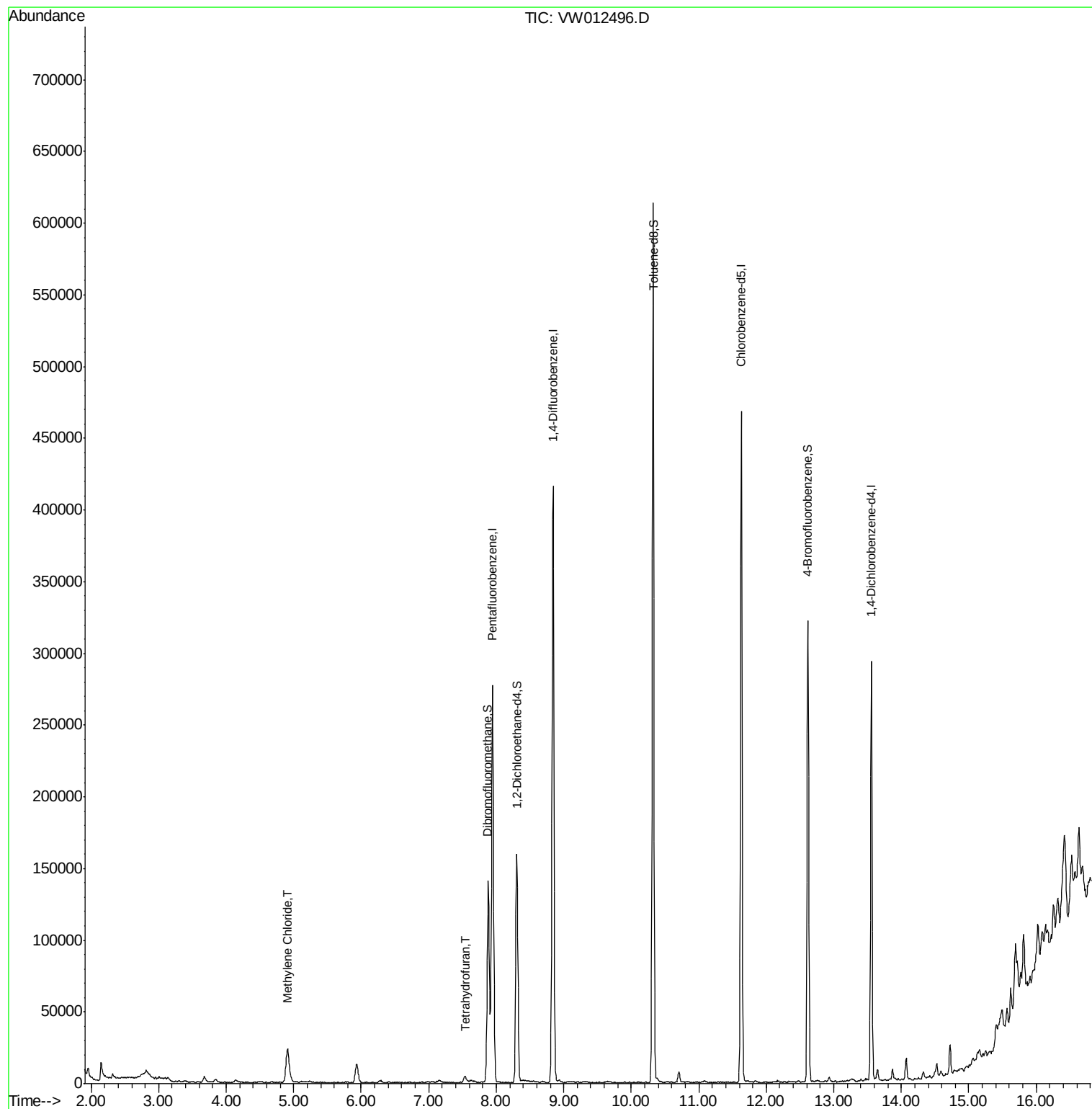
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128995	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
35) Dibromofluoromethane	7.88	113	99840	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	10.32	98	380139	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.62	95	102627	37.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.20%	
Target Compounds						
20) Methylene Chloride	4.90	84	17625	7.619	ug/l	97
29) Tetrahydrofuran	7.54	42	4228	8.475	ug/l	96

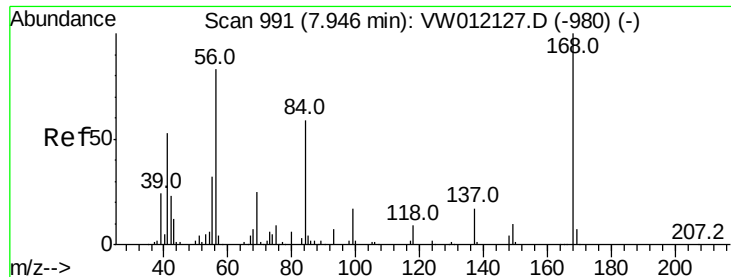
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012496.D

Acq: 02 Sep 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

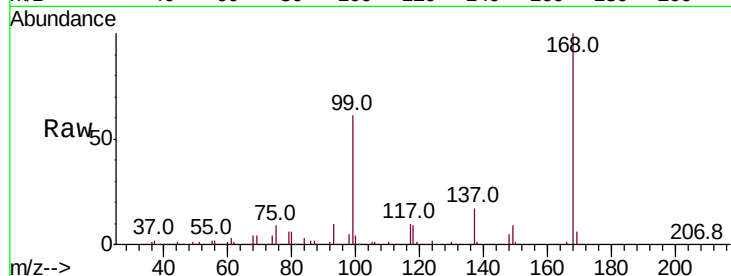
T9-12-13-S4-(0)

Tot Ion:168 Resp: 201377

Ion Ratio Lower Upper

168 100

99 60.8 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

80000

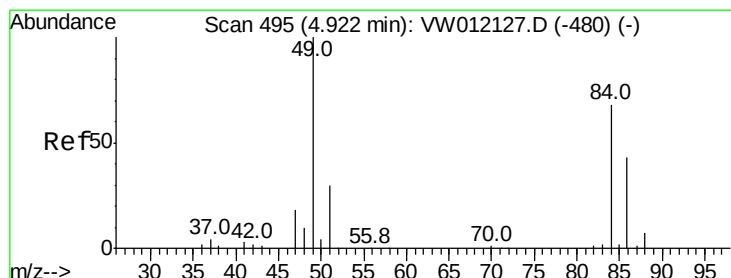
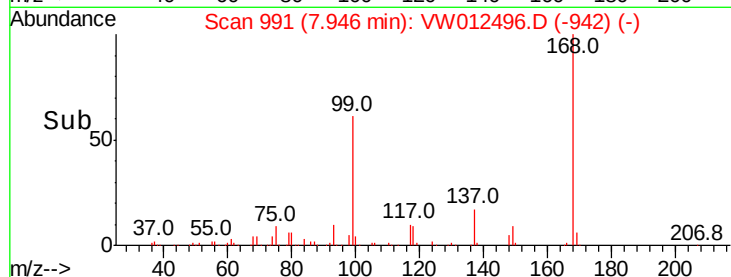
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.619 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012496.D

Acq: 02 Sep 2019 14:02

Tgt Ion: 84 Resp: 17625

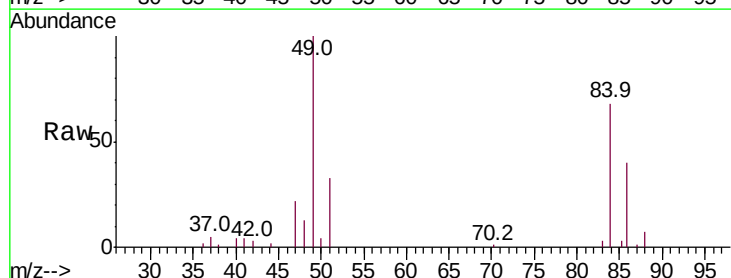
Ion Ratio Lower Upper

84 100

49 147.1 117.8 176.8

51 48.1 35.6 53.4

86 58.6 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

12000

10000

8000

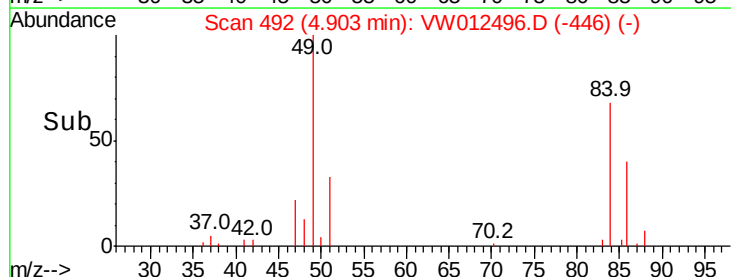
6000

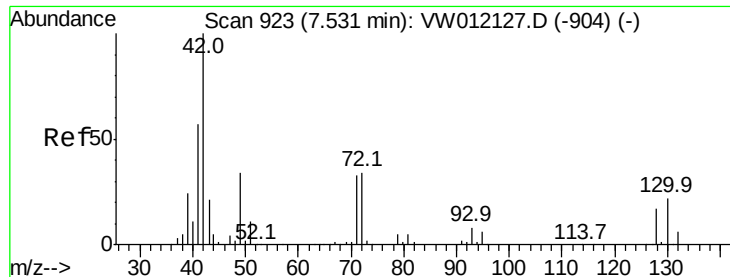
4000

2000

0

Time-->





#29

Tetrahydrofuran

Concen: 8.475 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012496.D

Acq: 02 Sep 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-S4-(0)

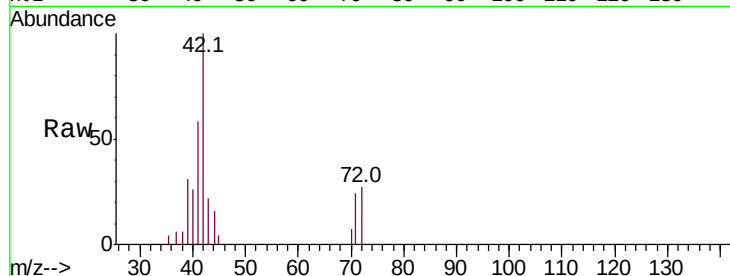
Tot Ion: 42 Resp: 4228

Ion Ratio Lower Upper

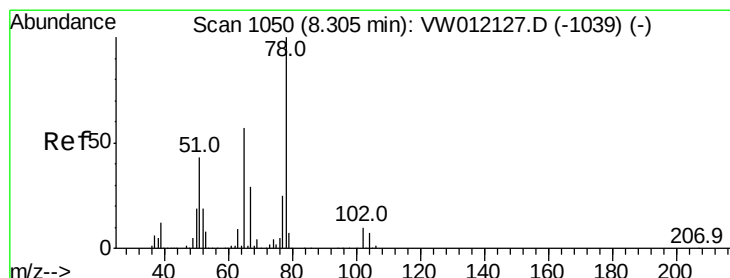
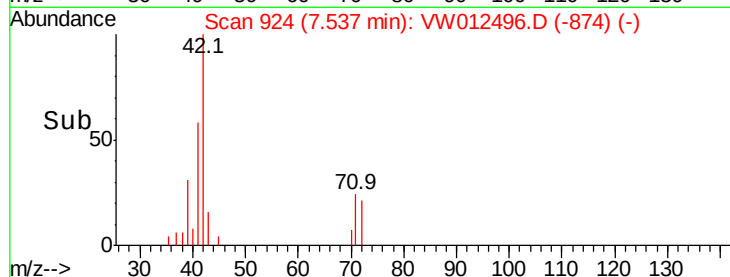
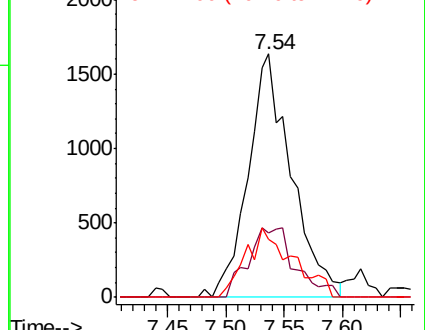
42 100

72 31.2 27.3 40.9

71 30.8 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: 53.885 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012496.D

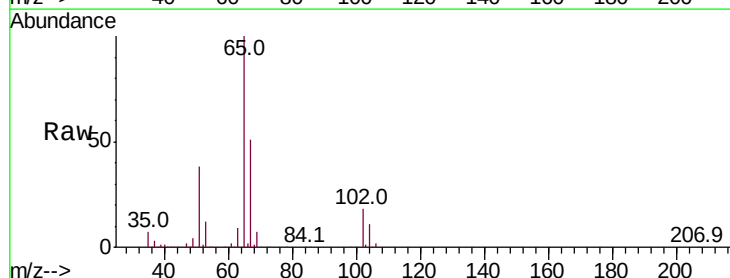
Acq: 02 Sep 2019 14:02

Tgt Ion: 65 Resp: 128995

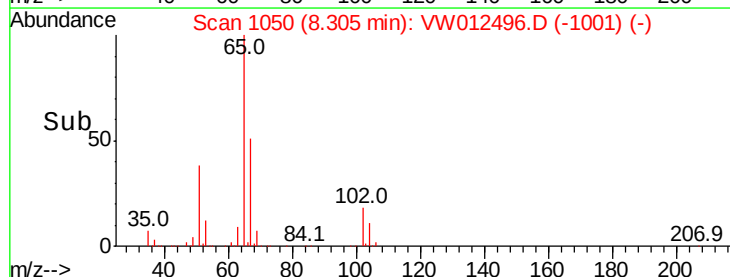
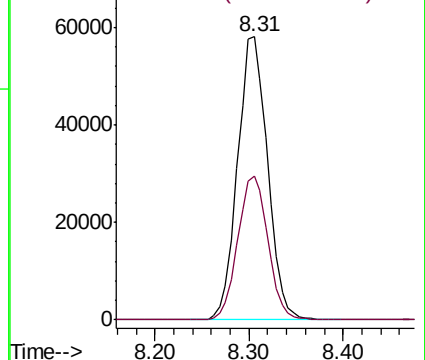
Ion Ratio Lower Upper

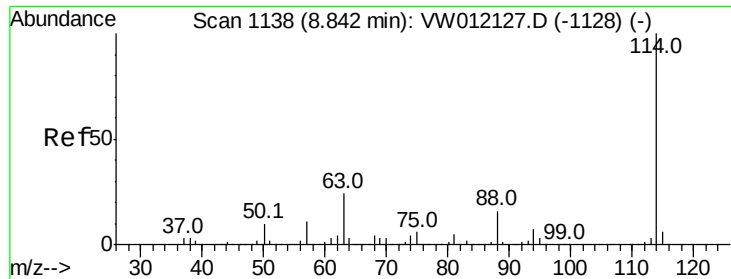
65 100

67 51.1 0.0 102.6



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

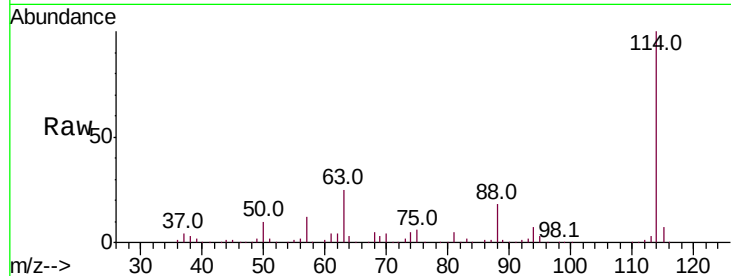




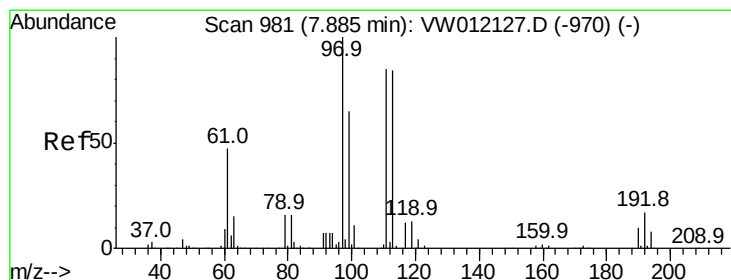
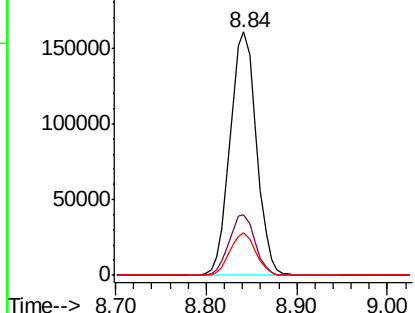
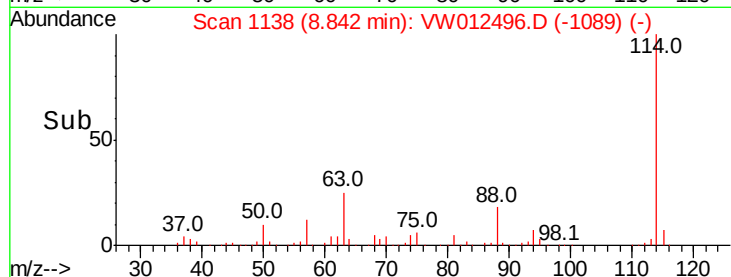
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012496.D
 Acq: 02 Sep 2019 14:02

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	17.8	0.0	32.2

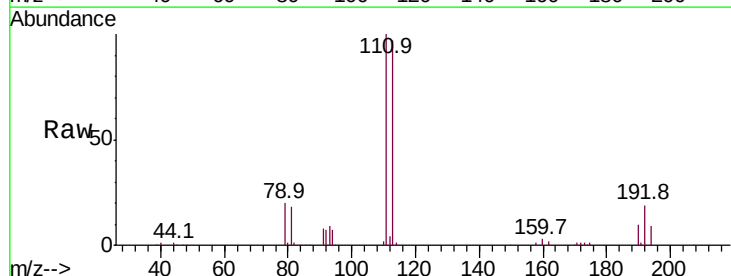


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

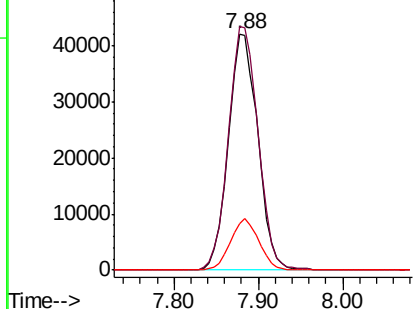
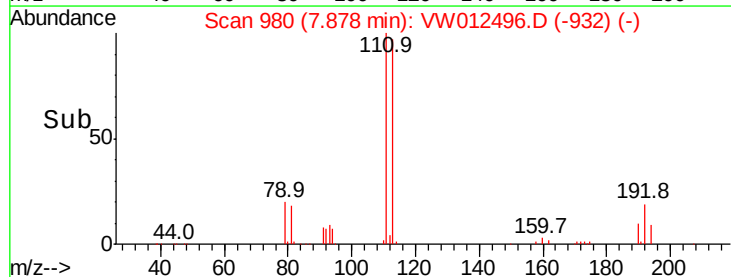


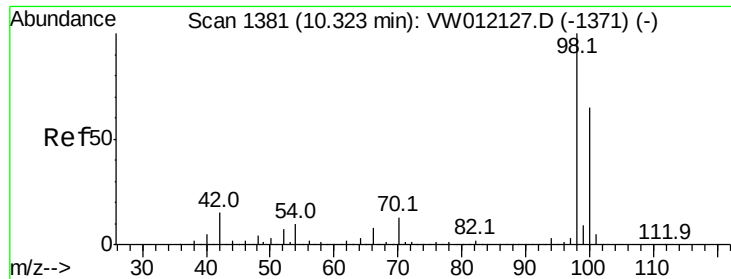
#35
 Dibromofluoromethane
 Concen: 51.581 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012496.D
 Acq: 02 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	21.0	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: 48.436 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012496.D

Acq: 02 Sep 2019 14:02

Instrument :

MSVOA_W

ClientSampleId :

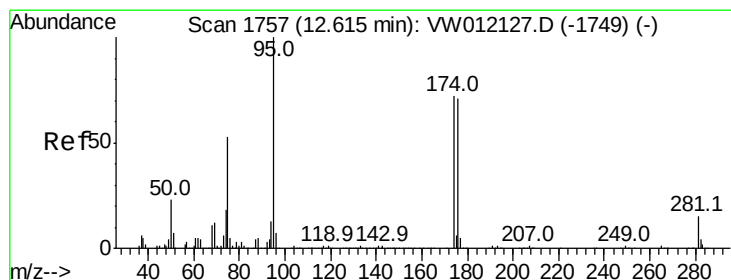
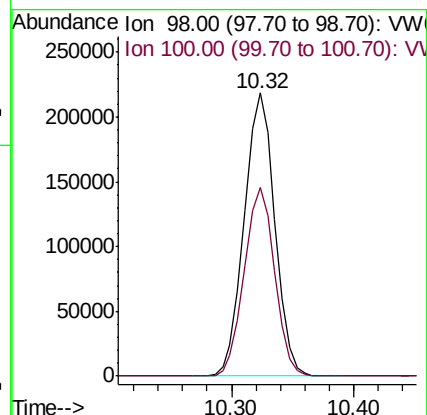
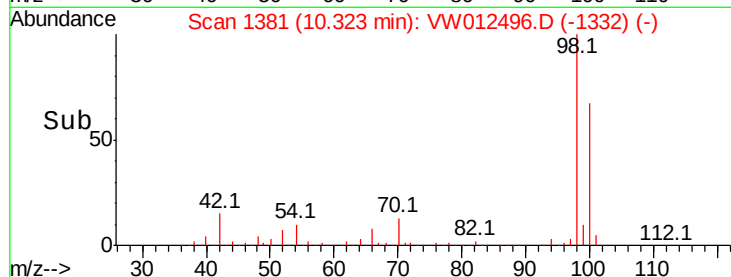
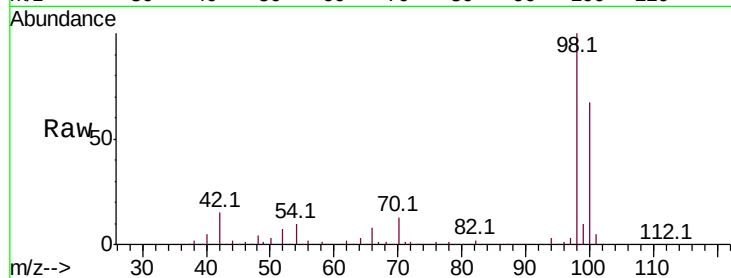
T9-12-13-S4-(0)

Tot Ion: 98 Resp: 380139

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.096 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012496.D

Acq: 02 Sep 2019 14:02

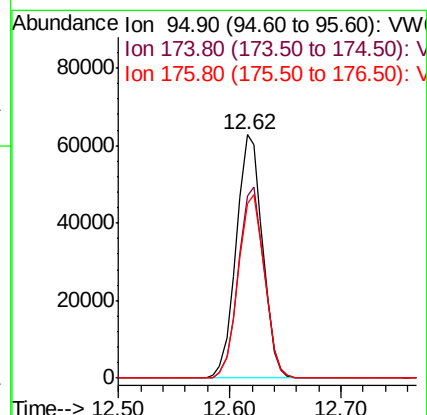
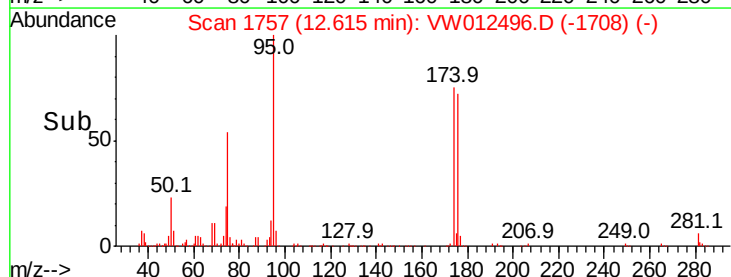
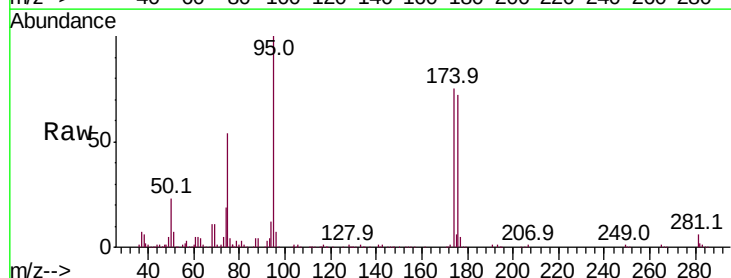
Tgt Ion: 95 Resp: 102627

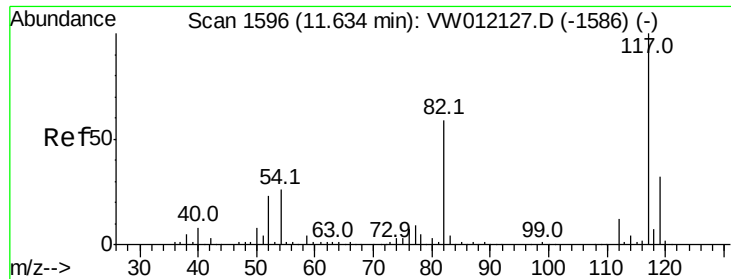
Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

176 75.7 0.0 148.6

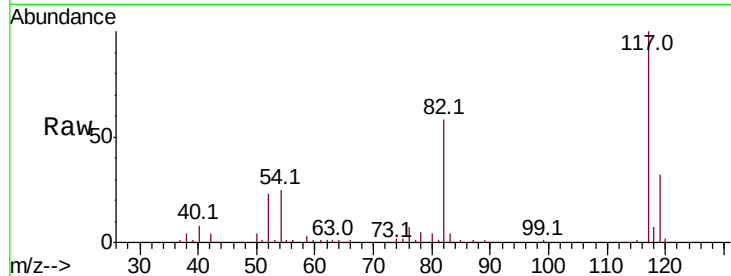




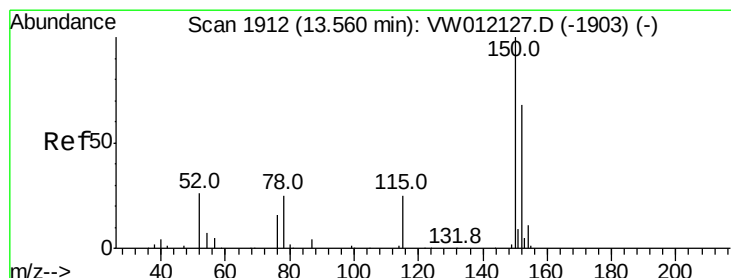
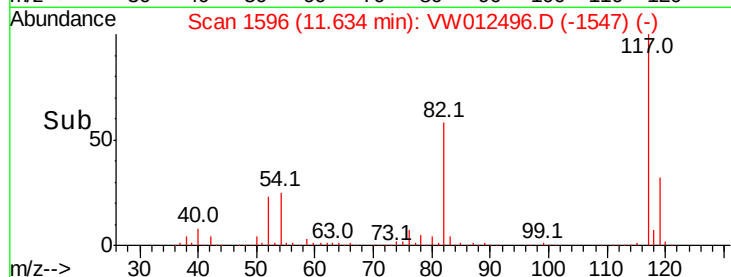
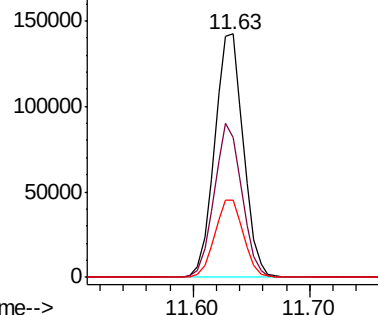
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012496.D
Acq: 02 Sep 2019 14:02

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S4-(0)

Tot Ion:117 Resp: 245081
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.0 25.4 38.2

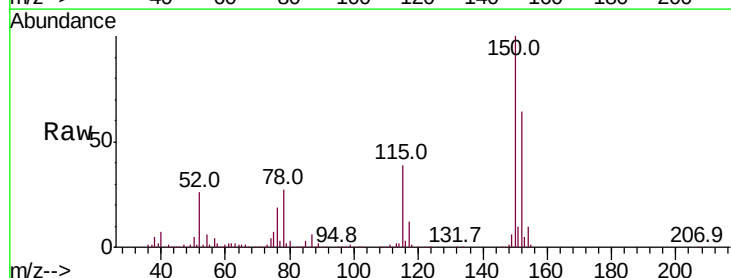


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012496.D
Acq: 02 Sep 2019 14:02

Tgt Ion:152 Resp: 73533
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 155.5 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

