

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004506.D
 Acq On : 07 Aug 2018 21:37
 Operator : SY/AP
 Sample : J4310-03
 Misc : 2.59G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-2

Quant Time: Aug 08 08:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

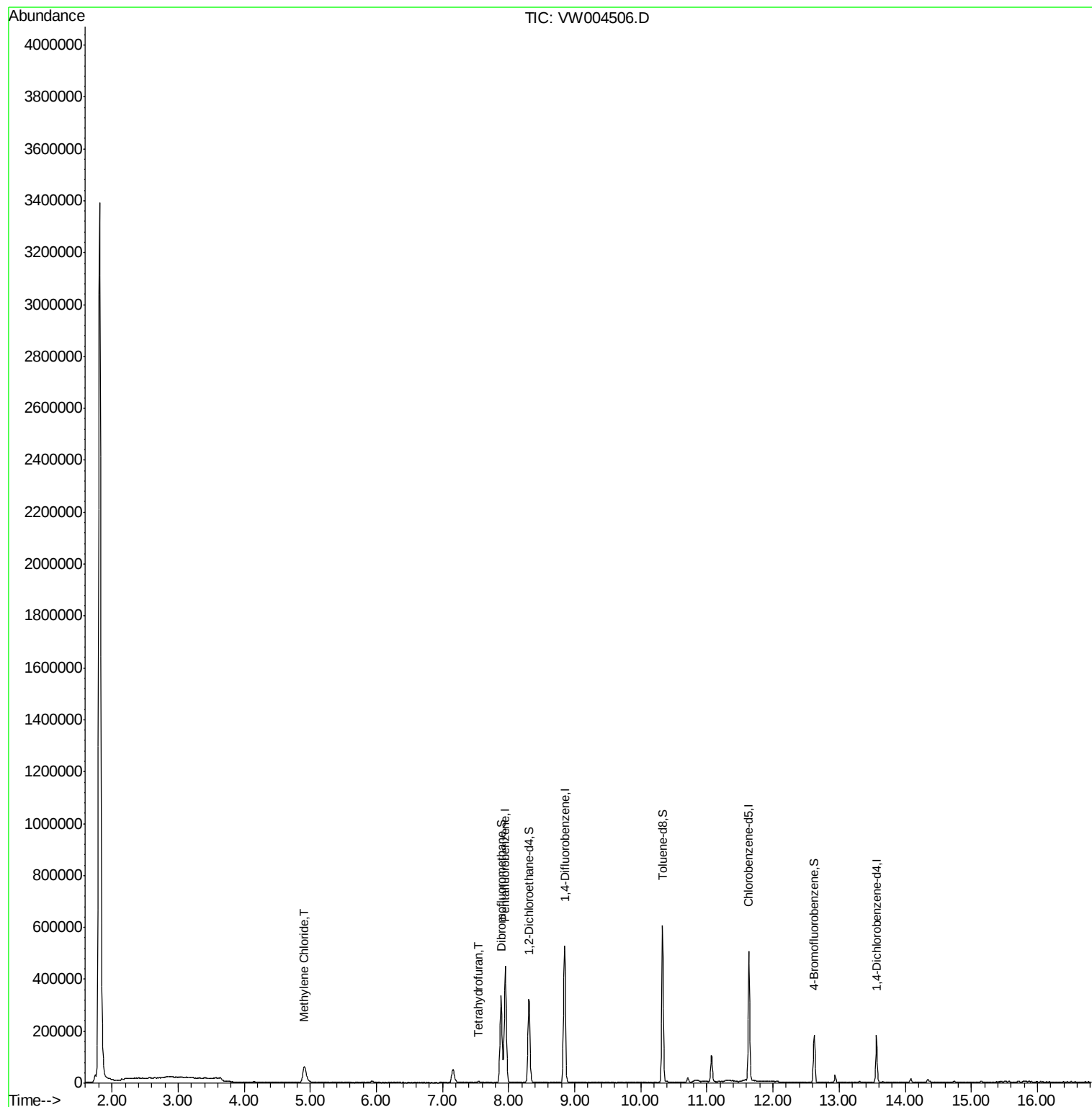
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	250789	67.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.98%	
35) Dibromofluoromethane	7.88	113	238800	81.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.24%	
50) Toluene-d8	10.33	98	408332	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
62) 4-Bromofluorobenzene	12.62	95	52622	13.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.20%	
Target Compounds						
20) Methylene Chloride	4.91	84	59971	5.31	ug/l	94
29) Tetrahydrofuran	7.54	42	3654	4.73	ug/l	94

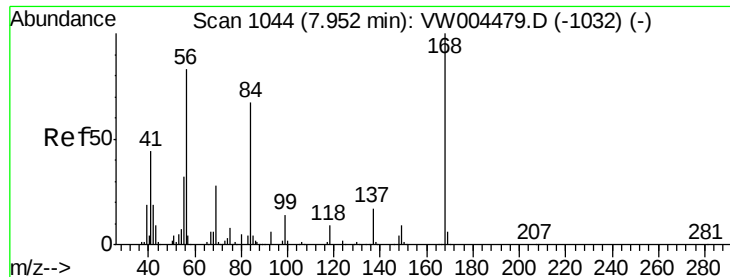
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004506.D

Acq: 07 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampled :

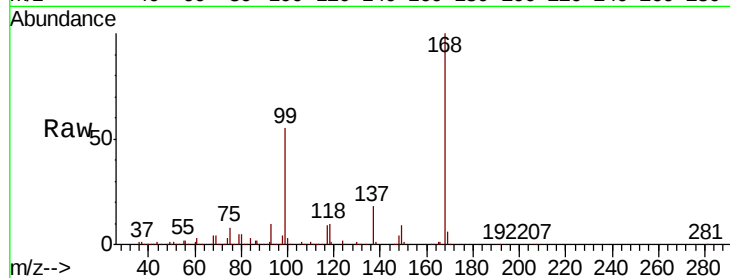
C-2

Tot Ion:168 Resp: 335710

Ion Ratio Lower Upper

168 100

99 54.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

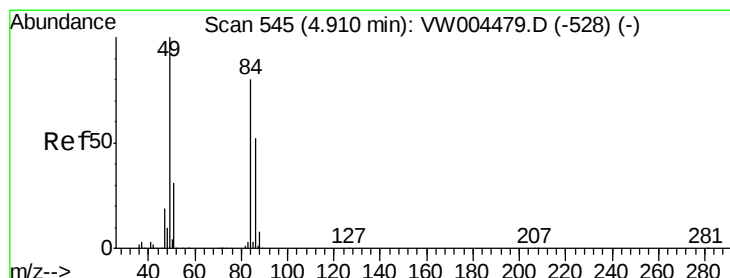
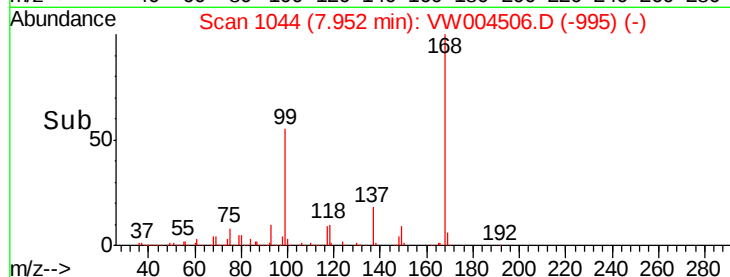
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.31 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004506.D

Acq: 07 Aug 2018 21:37

Tgt Ion: 84 Resp: 59971

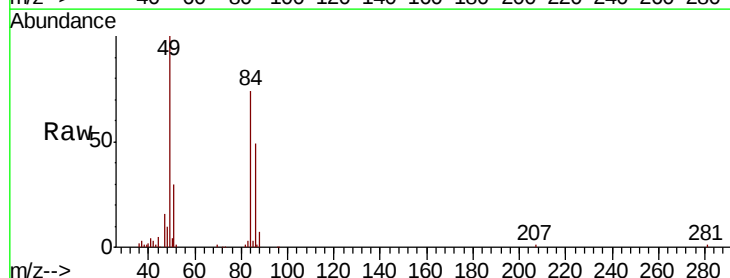
Ion Ratio Lower Upper

84 100

49 134.9 99.6 149.4

51 41.0 31.0 46.4

86 65.6 51.5 77.3



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

4.91

30000

25000

20000

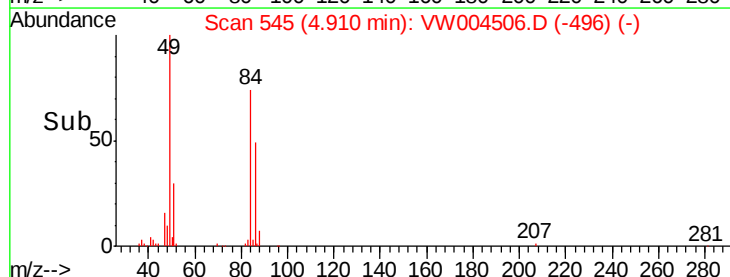
15000

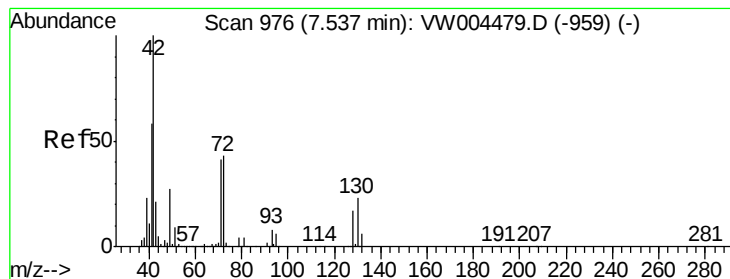
10000

5000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#29

Tetrahydrofuran

Concen: 4.73 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004506.D

Acq: 07 Aug 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
C-2

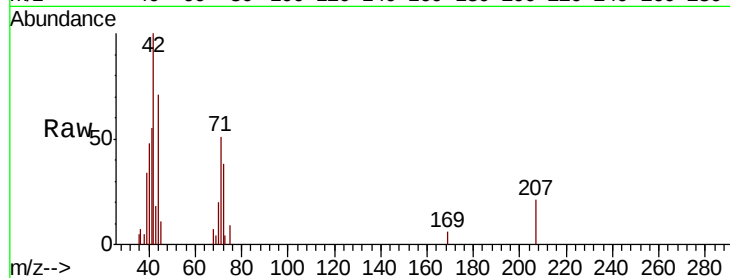
Tot Ion: 42 Resp: 3654

Ion Ratio Lower Upper

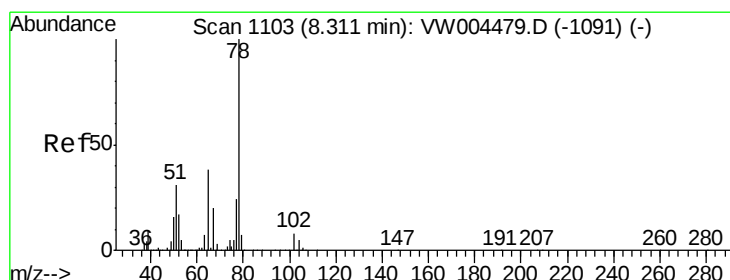
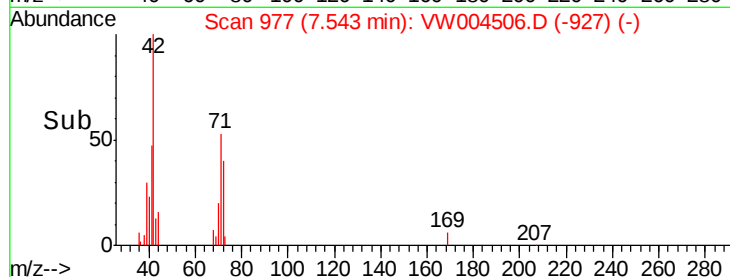
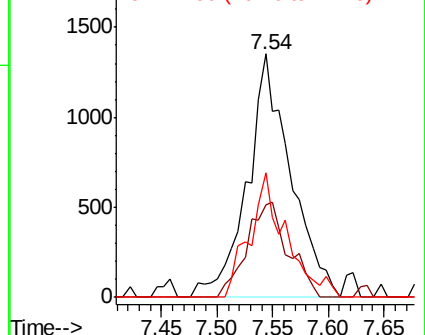
42 100

72 37.7 34.1 51.1

71 43.1 32.5 48.7



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: 67.49 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004506.D

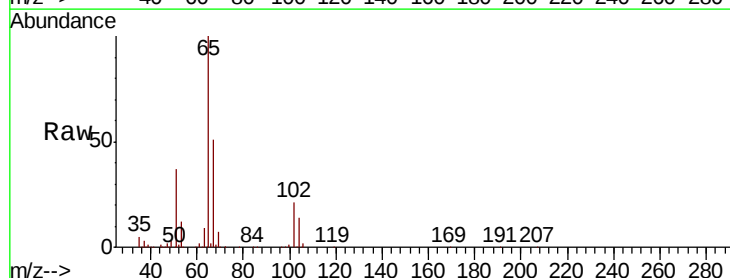
Acq: 07 Aug 2018 21:37

Tgt Ion: 65 Resp: 250789

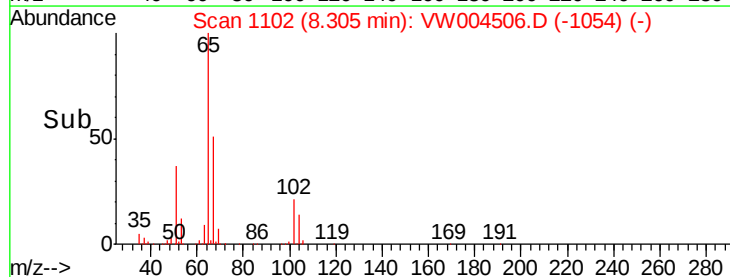
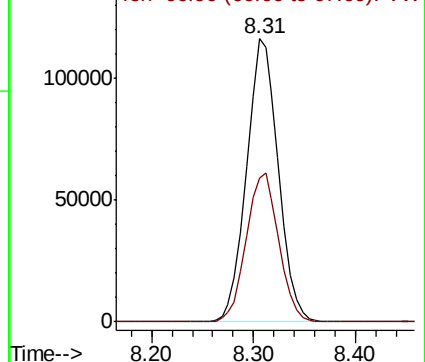
Ion Ratio Lower Upper

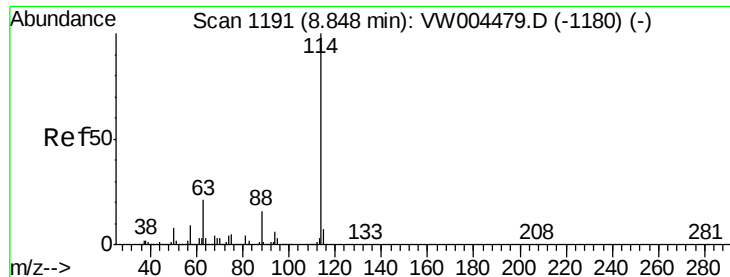
65 100

67 53.8 0.0 109.0



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

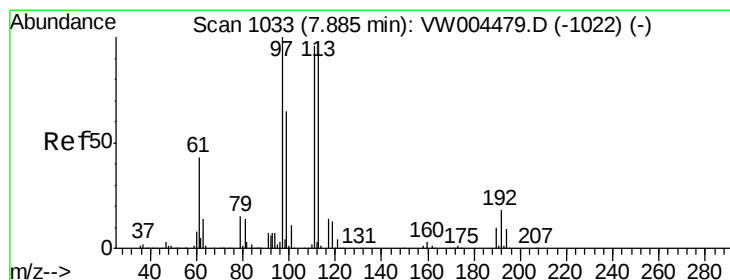
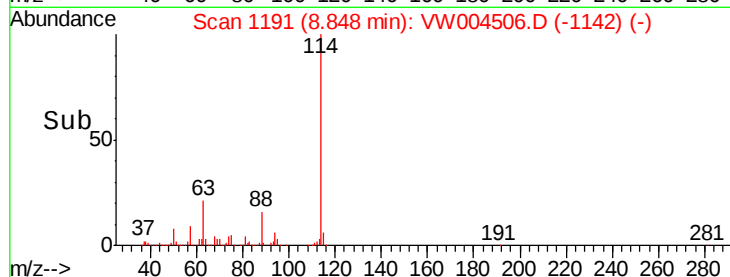
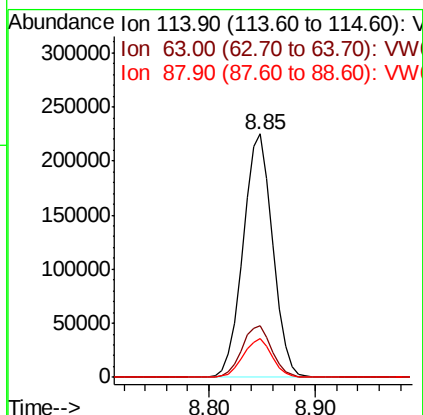
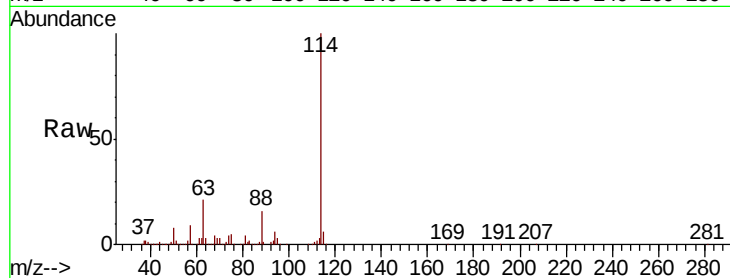




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004506.D
 Acq: 07 Aug 2018 21:37

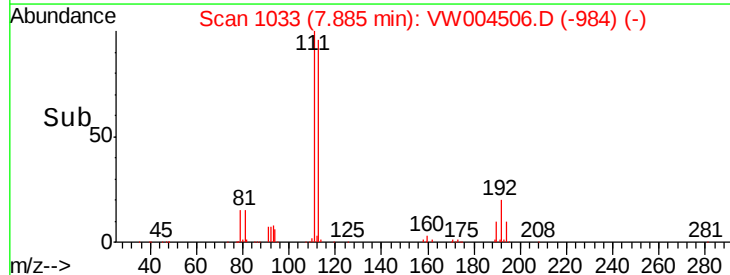
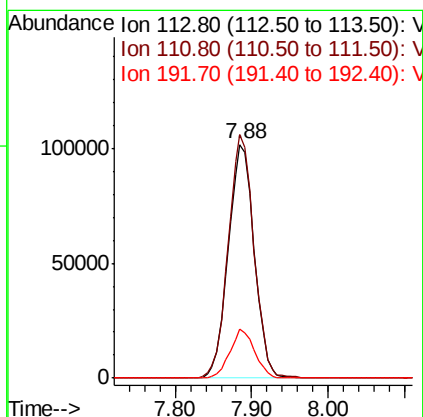
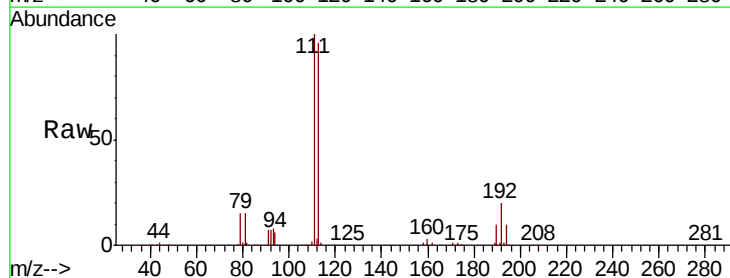
Instrument :
 MSVOA_W
 ClientSampleId :
 C-2

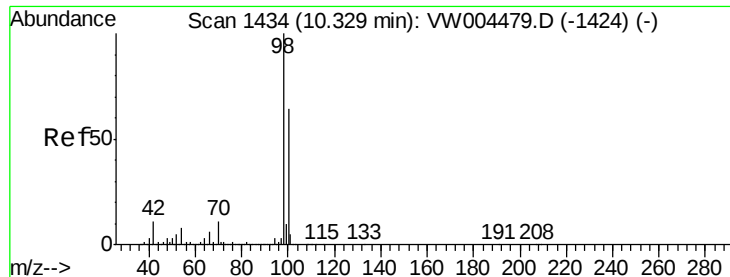
Tot Ion:114 Resp: 438783
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 81.62 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004506.D
 Acq: 07 Aug 2018 21:37

Tgt Ion:113 Resp: 238800
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 20.0 15.8 23.6





#50

Toluene-d8

Concen: 36.61 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004506.D

Acq: 07 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

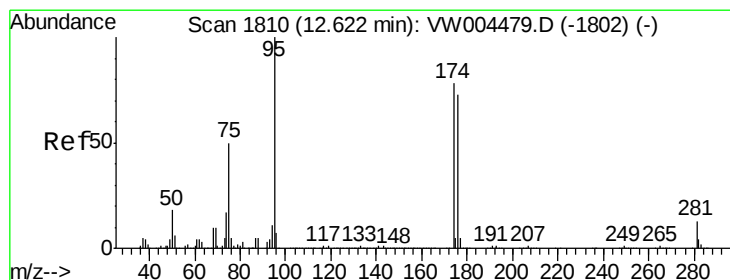
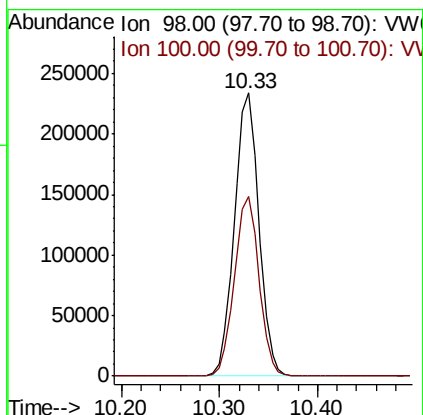
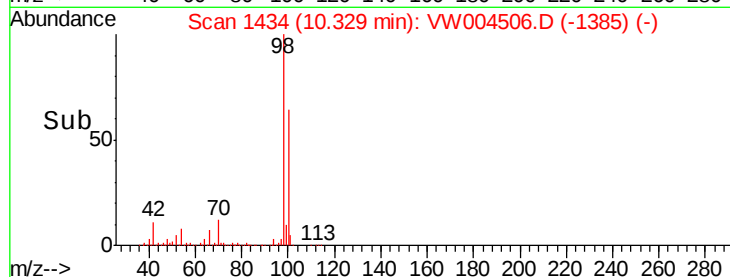
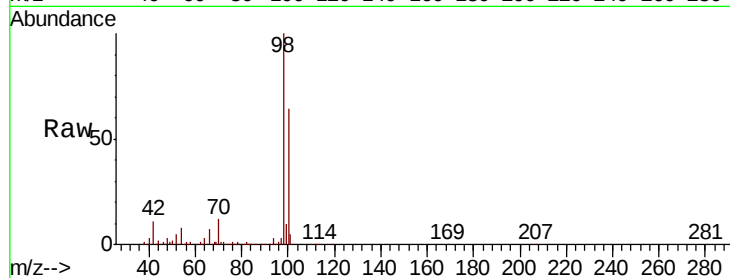
C-2

Tot Ion: 98 Resp: 408332

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 13.10 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004506.D

Acq: 07 Aug 2018 21:37

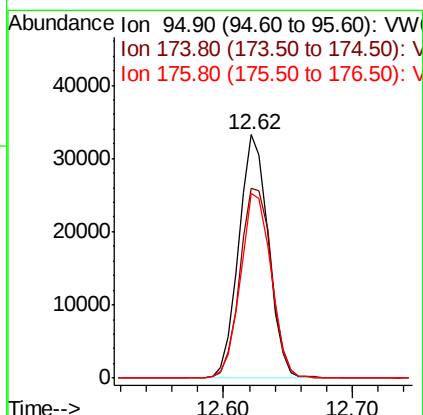
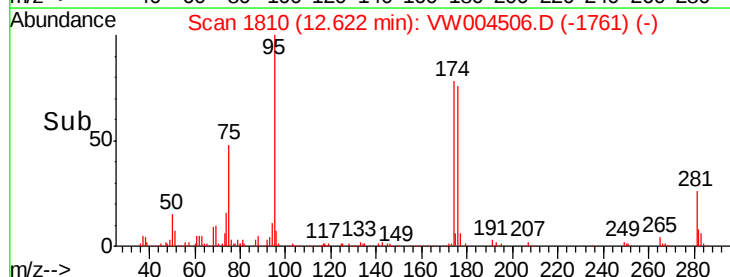
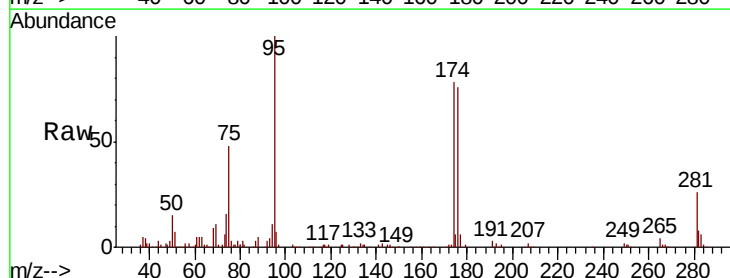
Tgt Ion: 95 Resp: 52622

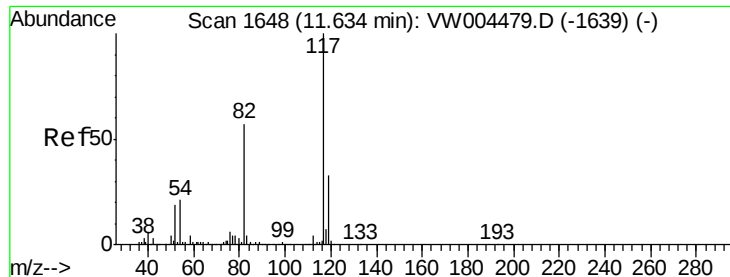
Ion Ratio Lower Upper

95 100

174 83.4 0.0 160.4

176 79.0 0.0 153.2

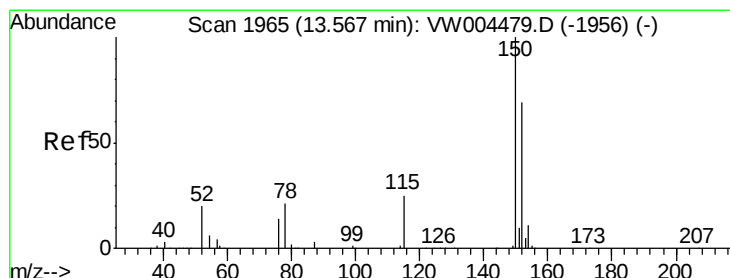
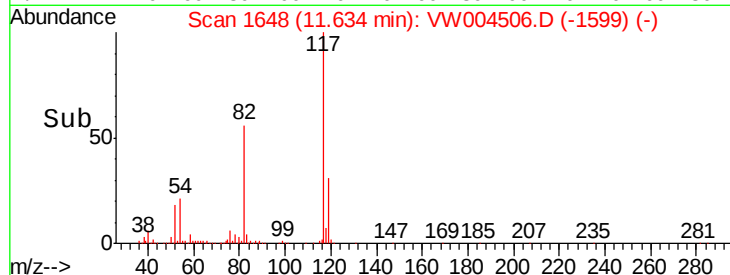
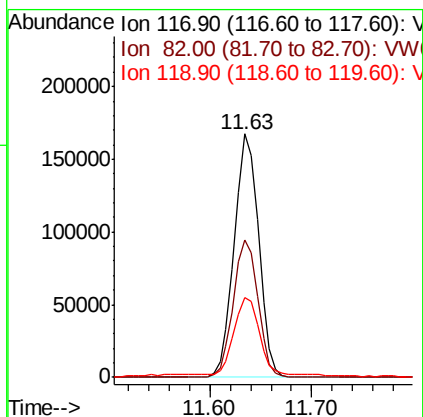
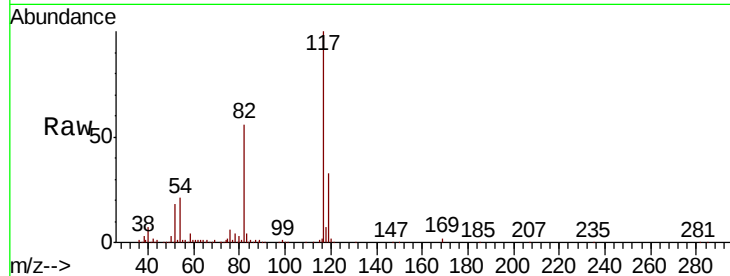




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004506.D
Acq: 07 Aug 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
C-2

Tot Ion:117 Resp: 276771
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004506.D
Acq: 07 Aug 2018 21:37

Tgt Ion:152 Resp: 47433
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.0 0.0 349.6

