

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012046.D
 Acq On : 20 Aug 2019 22:39
 Operator : SY/VA
 Sample : K4387-11
 Misc : 5.69G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A2-(0)

Quant Time: Aug 21 02:17:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

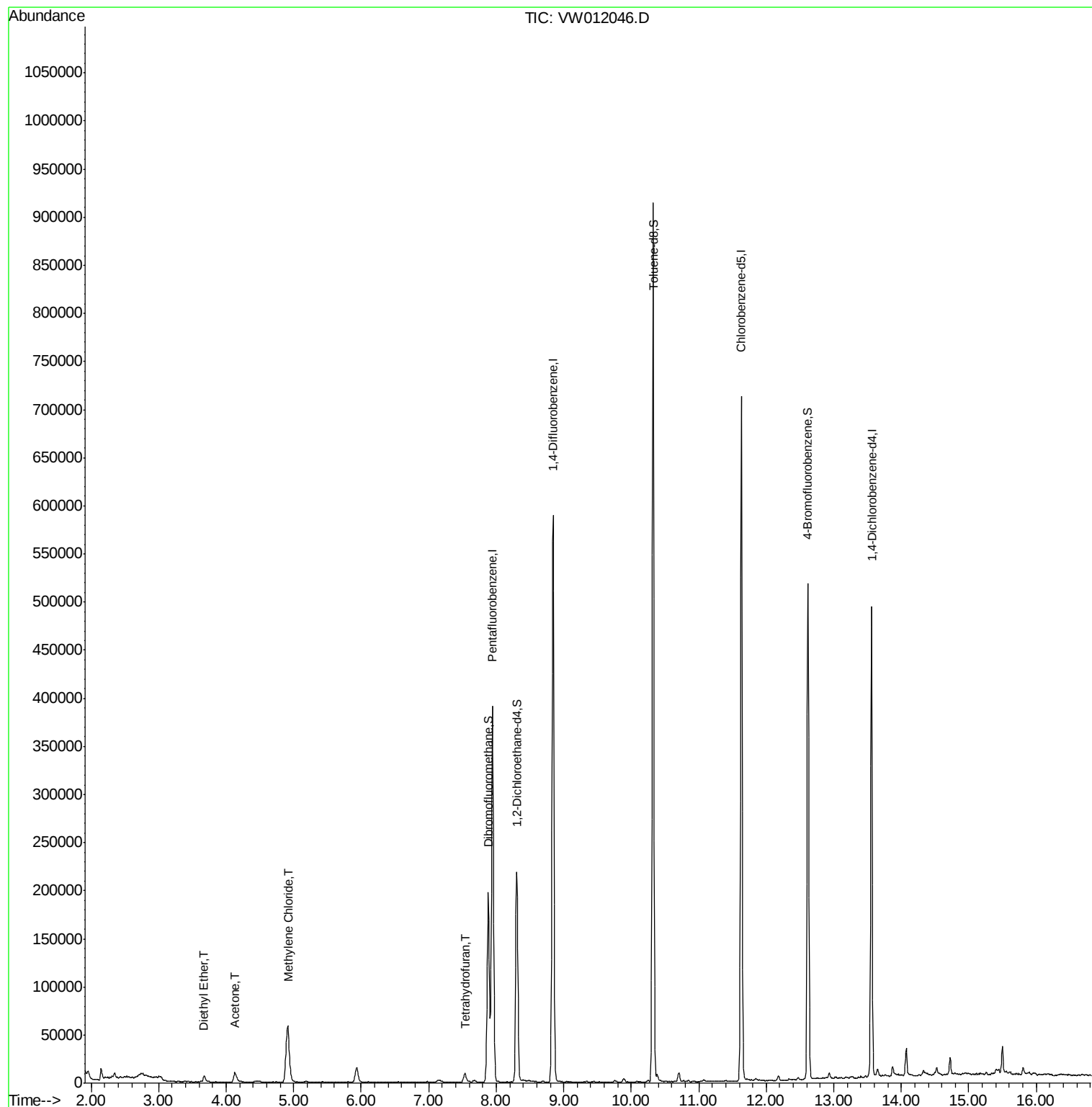
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175733	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	7.88	113	141591	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.32	98	576378	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.62	95	167132	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
8) Diethyl Ether	3.67	74	3423	2.045	ug/l	78
16) Acetone	4.13	43	20270	19.548	ug/l	99
20) Methylene Chloride	4.91	84	43970	12.295	ug/l	93
29) Tetrahydrofuran	7.54	42	8080	10.418	ug/l	95

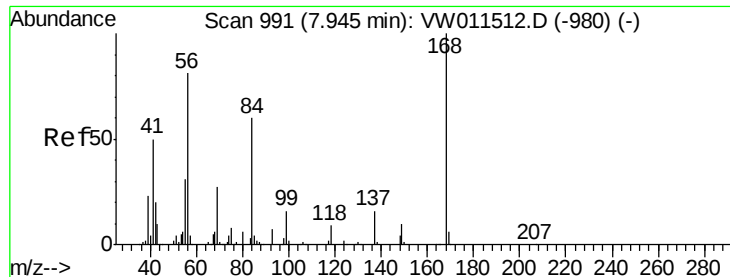
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012046.D

Acq: 20 Aug 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

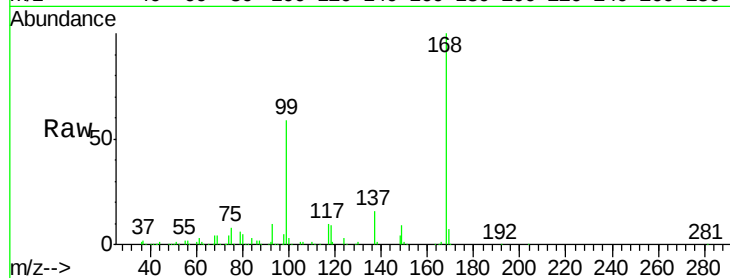
T4-A2-(0)

Tot Ion:168 Resp: 283882

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

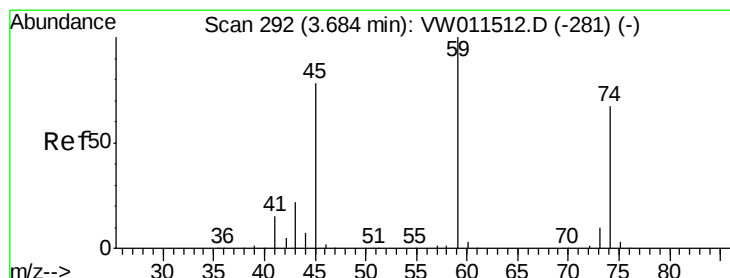
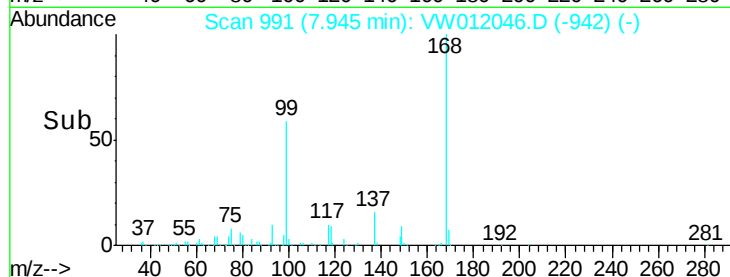
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.045 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.02 min

Lab File: VW012046.D

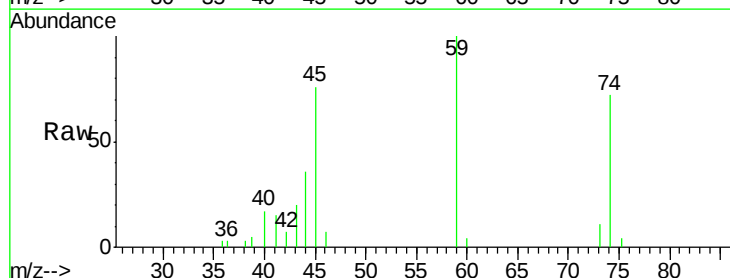
Acq: 20 Aug 2019 22:39

Tgt Ion: 74 Resp: 3423

Ion Ratio Lower Upper

74 100

45 143.4 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

2000

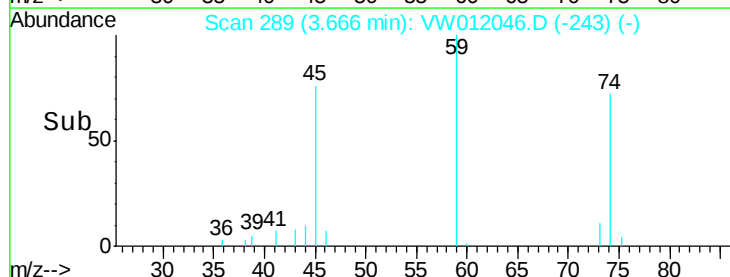
1500

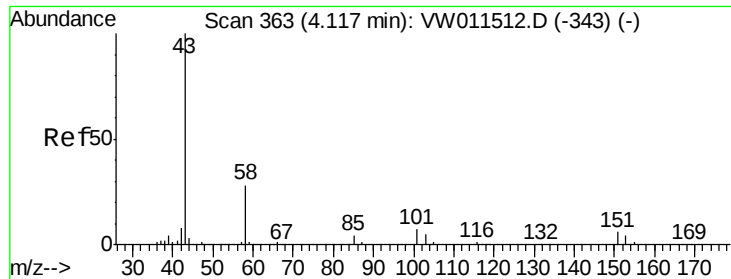
1000

500

0

Time-->





#16

Acetone

Concen: 19.548 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012046.D

Acq: 20 Aug 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

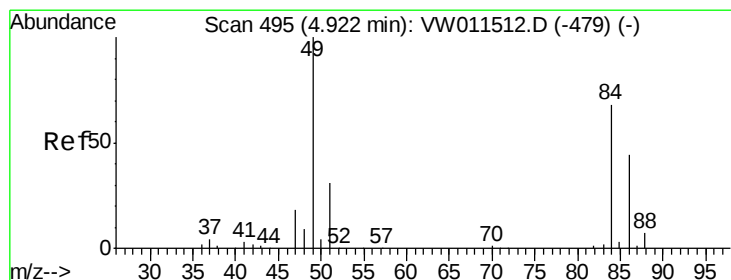
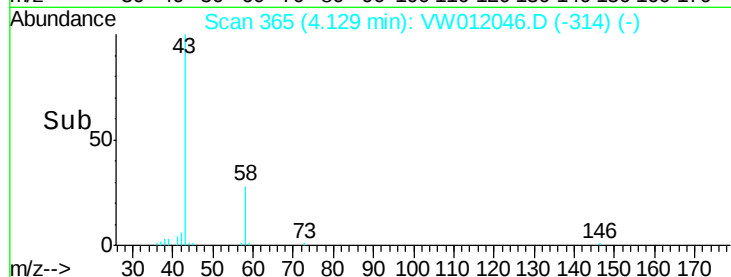
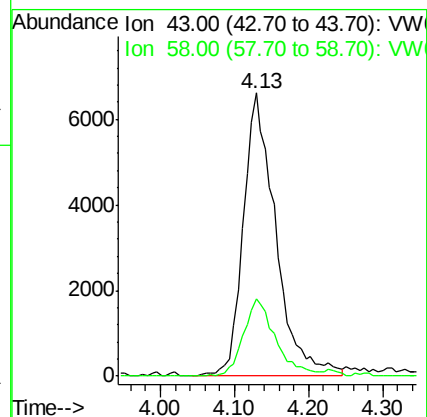
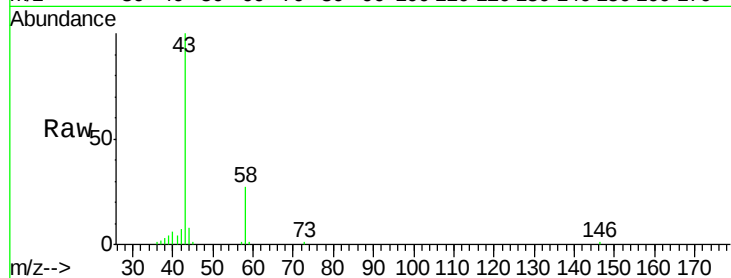
T4-A2-(0)

Tot Ion: 43 Resp: 20270

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5



#20

Methylene Chloride

Concen: 12.295 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012046.D

Acq: 20 Aug 2019 22:39

Tgt Ion: 84 Resp: 43970

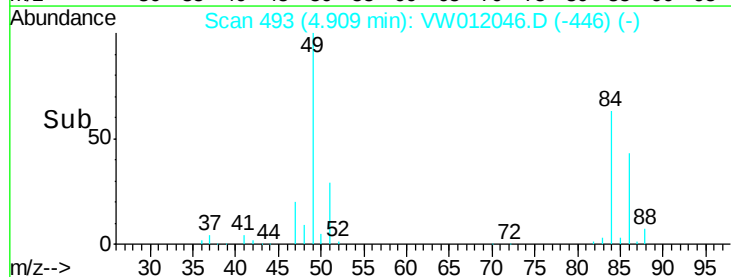
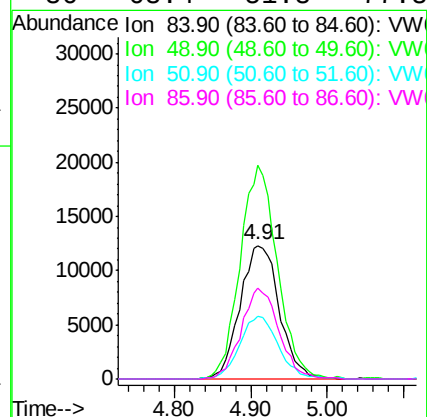
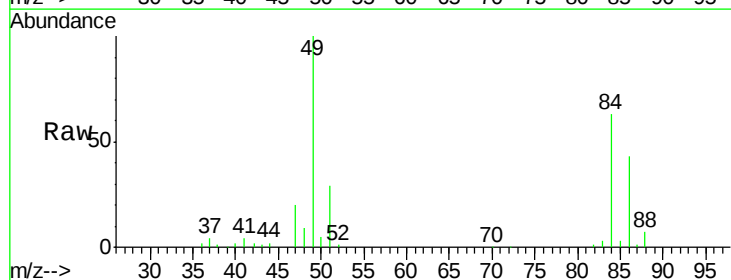
Ion Ratio Lower Upper

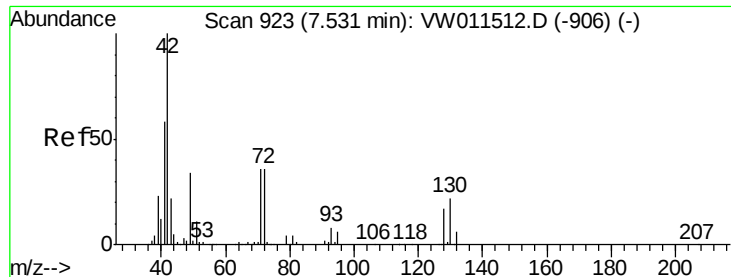
84 100

49 160.0 117.8 176.6

51 46.7 37.0 55.4

86 68.4 51.8 77.8

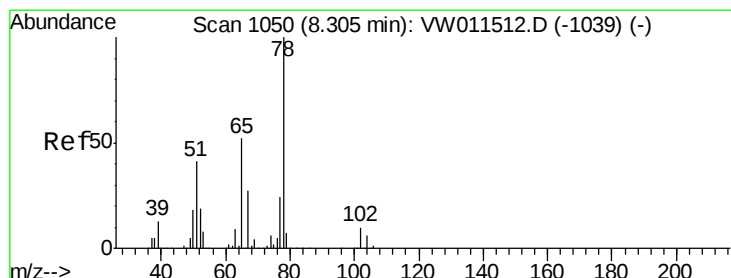
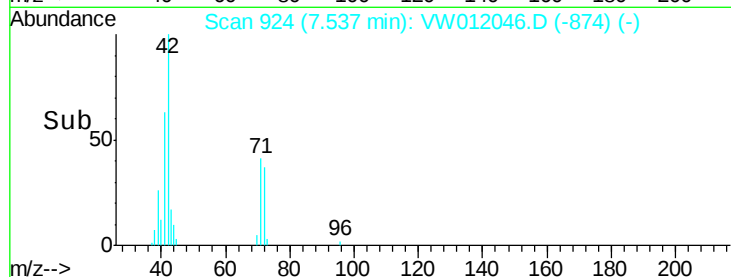
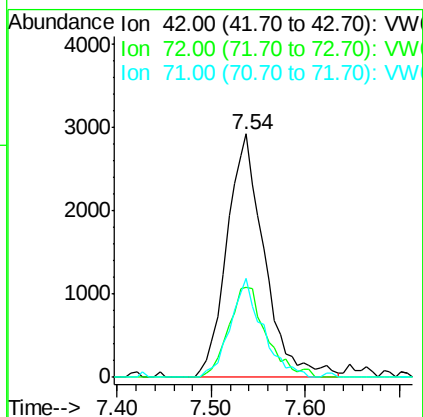
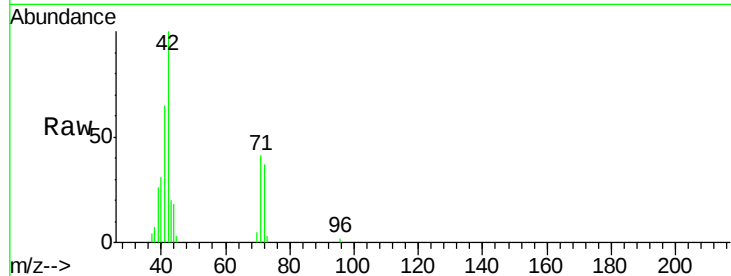




#29
Tetrahydrofuran
Concen: 10.418 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

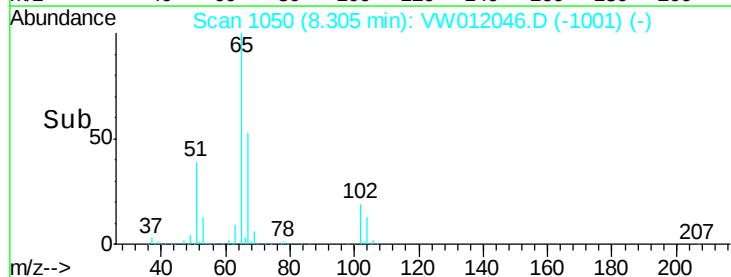
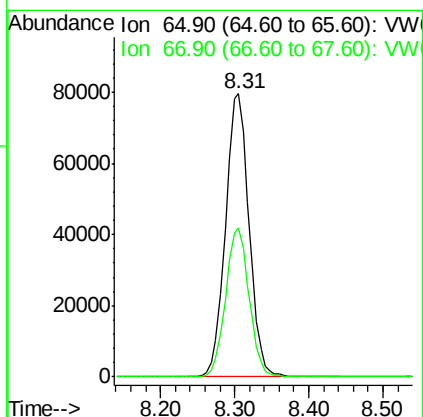
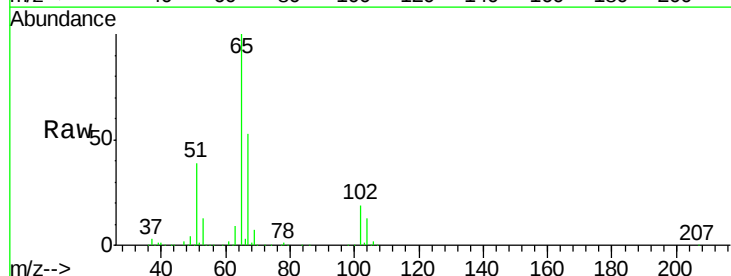
Instrument :
MSVOA_W
ClientSampleId :
T4-A2-(0)

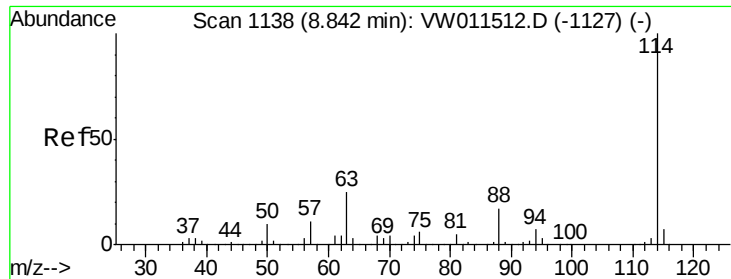
Tot Ion: 42 Resp: 8080
Ion Ratio Lower Upper
42 100
72 37.3 27.1 40.7
71 34.9 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.910 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Tgt Ion: 65 Resp: 175733
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

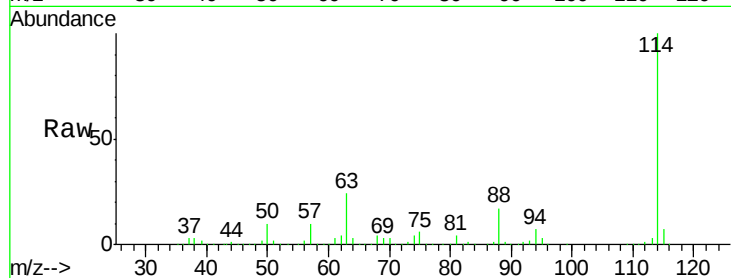




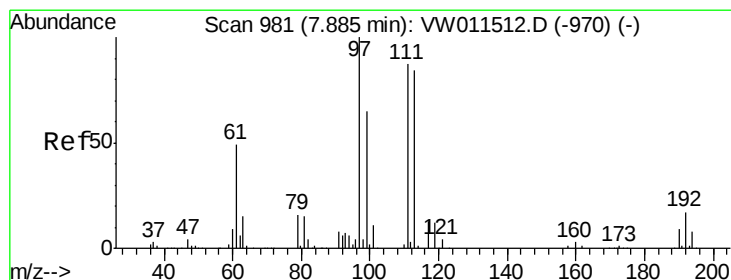
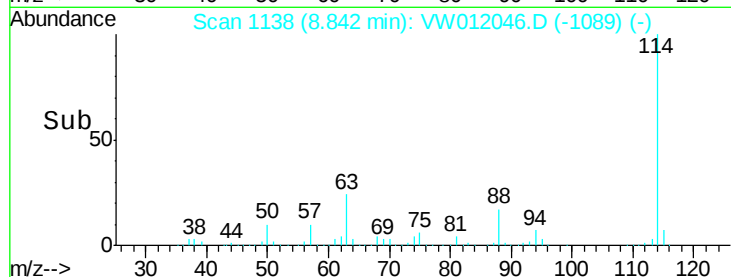
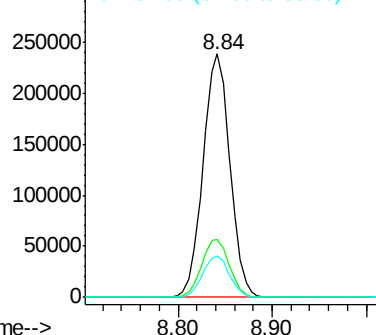
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
T4-A2-(0)

Tot Ion:114 Resp: 470767
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 16.8 0.0 33.8

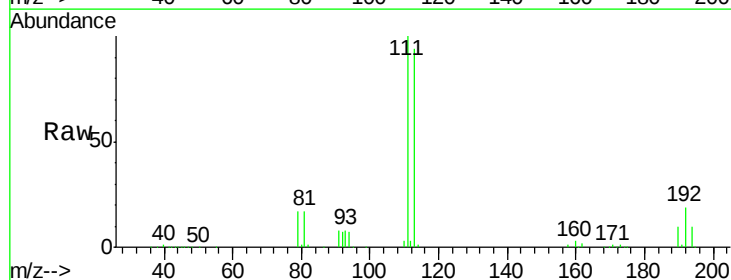


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

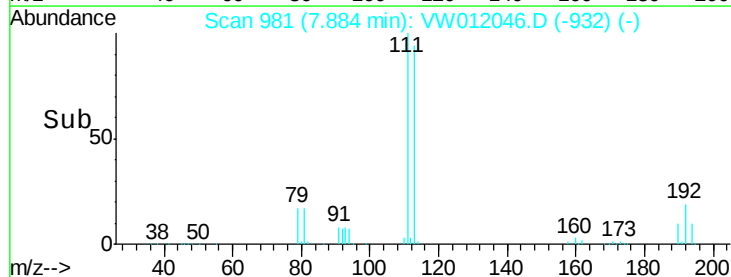
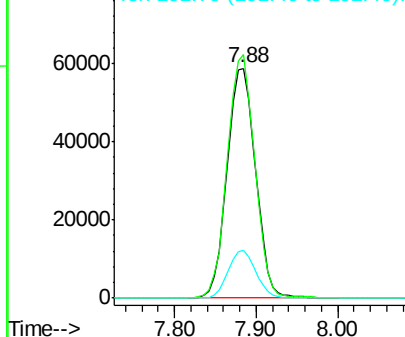


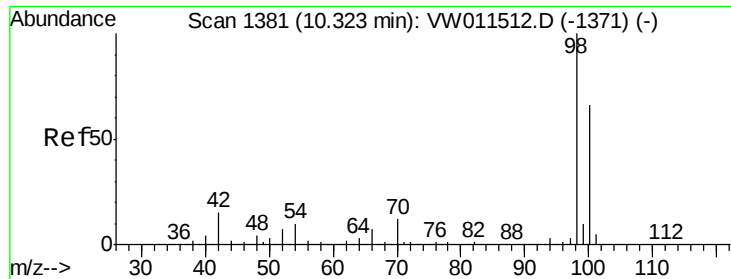
#35
Dibromofluoromethane
Concen: 53.611 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Tgt Ion:113 Resp: 141591
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 20.2 16.1 24.1



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

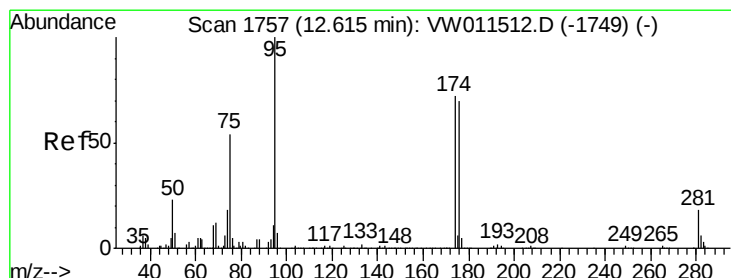
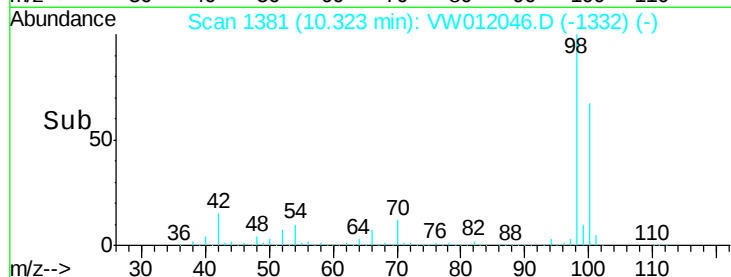
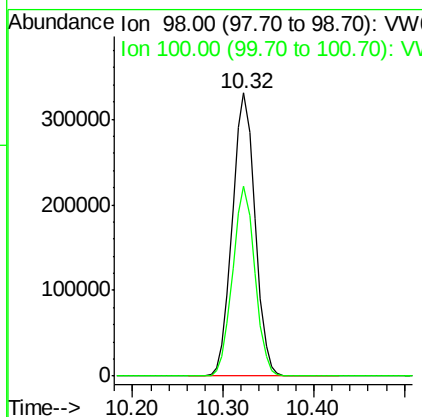
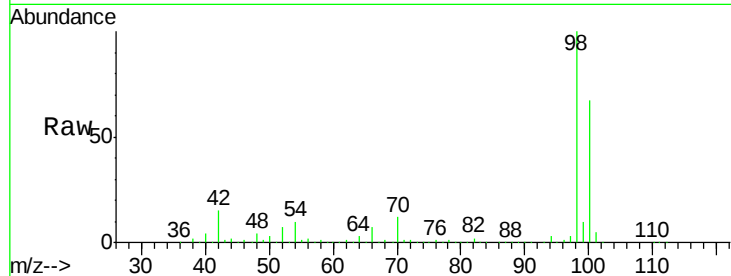




#50
Toluene-d8
Concen: 53.302 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

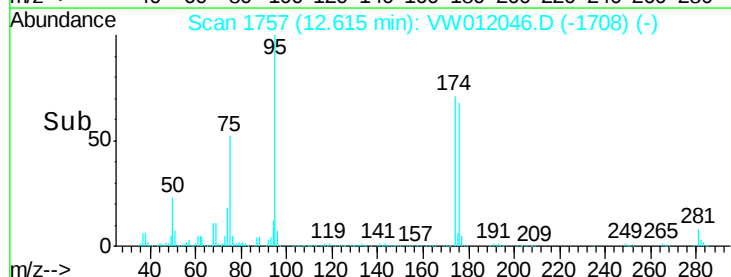
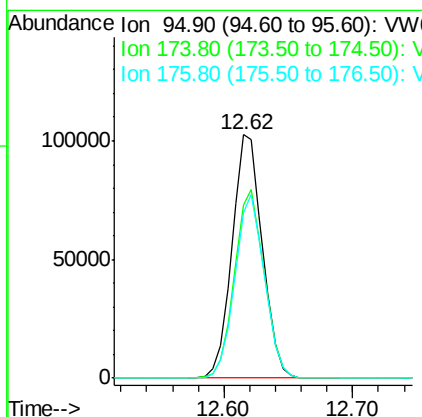
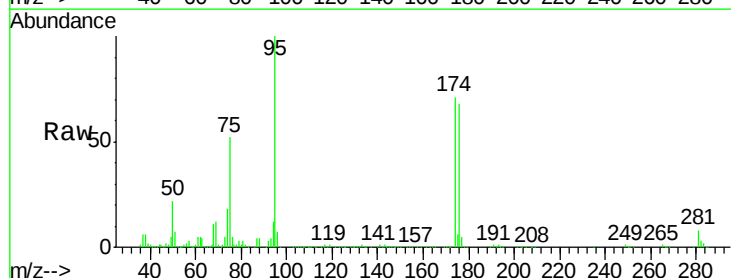
Instrument :
MSVOA_W
ClientSampleId :
T4-A2-(0)

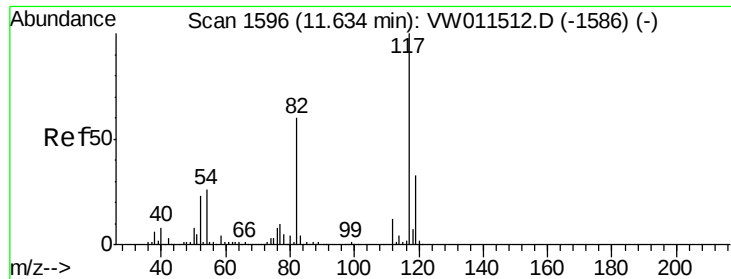
Tot Ion: 98 Resp: 576378
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.353 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Tgt Ion: 95 Resp: 167132
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.2
176 73.8 0.0 144.4

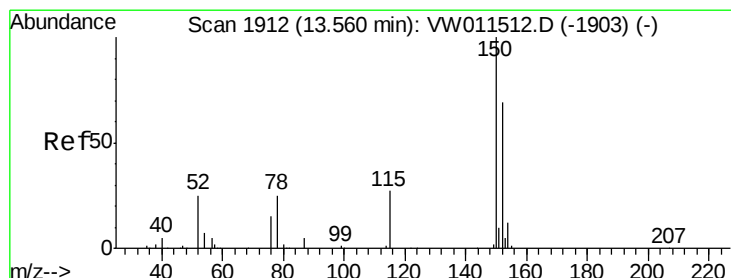
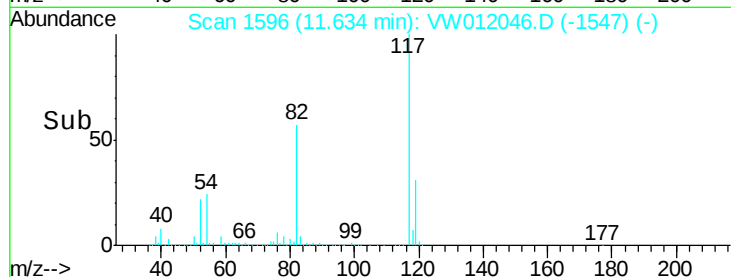
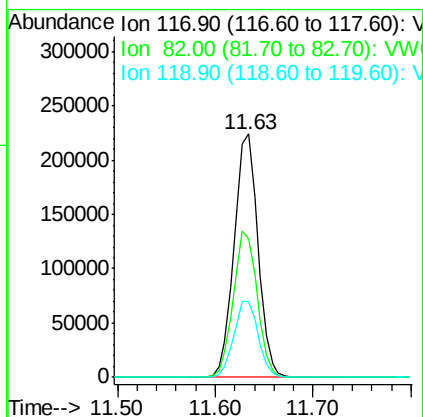
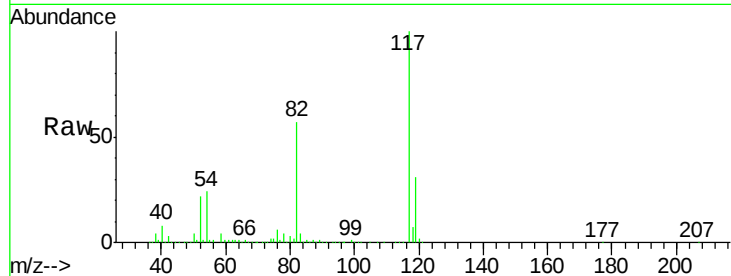




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
T4-A2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.9	71.9
119	31.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012046.D
Acq: 20 Aug 2019 22:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.5	91.5
150	158.1	0.0	352.6

