

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012230.D
 Acq On : 28 Aug 2019 03:16
 Operator : SY/VA
 Sample : K4551-08
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S400-K1-1.0-1.5-082619

Quant Time: Aug 28 07:21:13 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

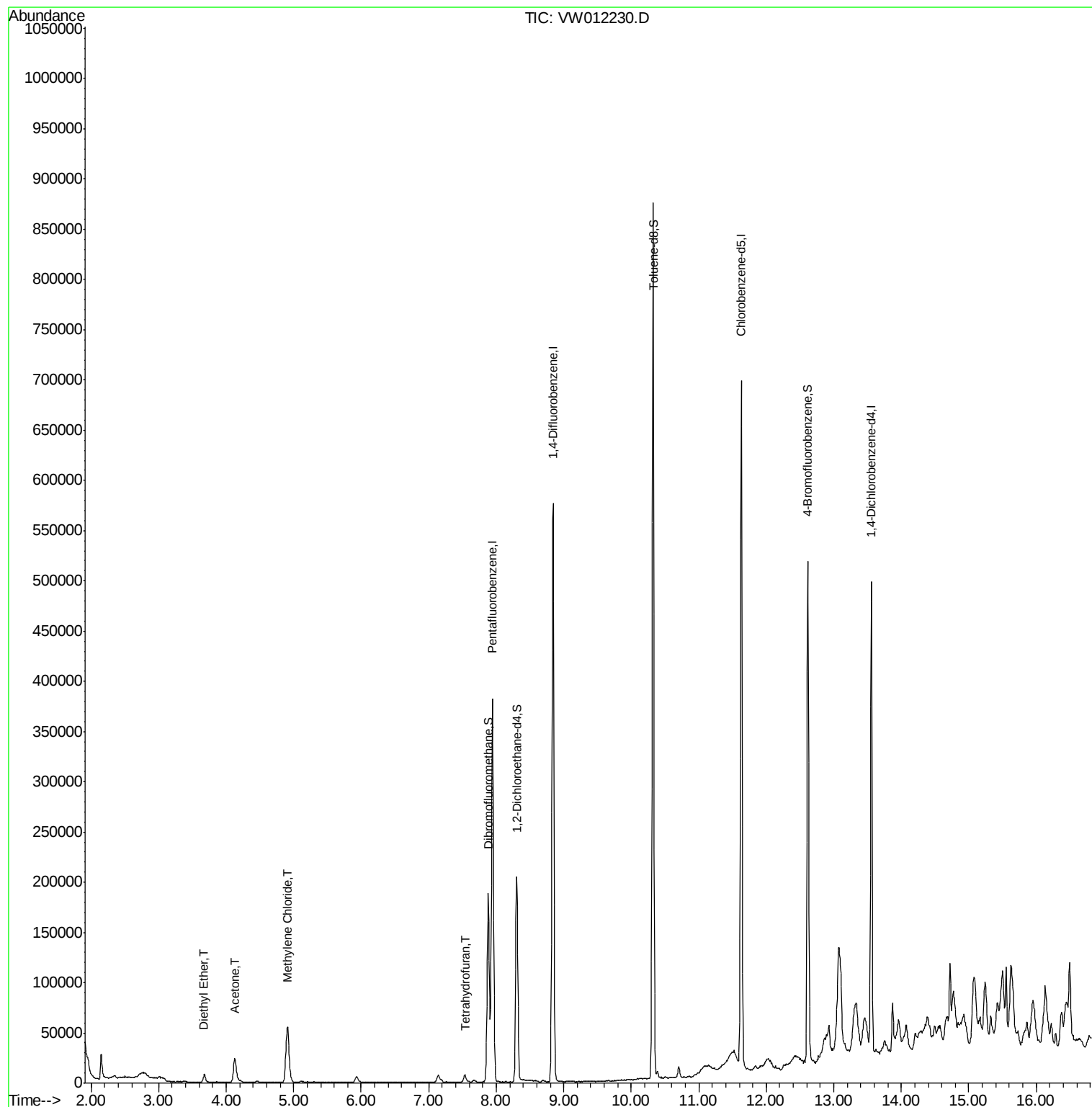
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165830	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
35) Dibromofluoromethane	7.88	113	135568	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.32	98	556004	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.62	95	160629	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.02%	
Target Compounds						
8) Diethyl Ether	3.67	74	3705	2.373	ug/l	84
16) Acetone	4.12	43	49453	58.003	ug/l	97
20) Methylene Chloride	4.91	84	40936	12.701	ug/l	93
29) Tetrahydrofuran	7.53	42	6805	9.790	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

Quant Time: Aug 28 07:21:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012230.D

Acq: 28 Aug 2019 03:16

Instrument :

MSVOA_W

ClientSampleId :

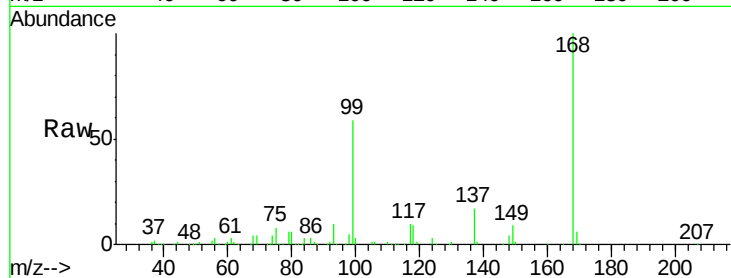
S400-K1-1.0-1.5-082619

Tot Ion:168 Resp: 280576

Ion Ratio Lower Upper

168 100

99 58.7 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

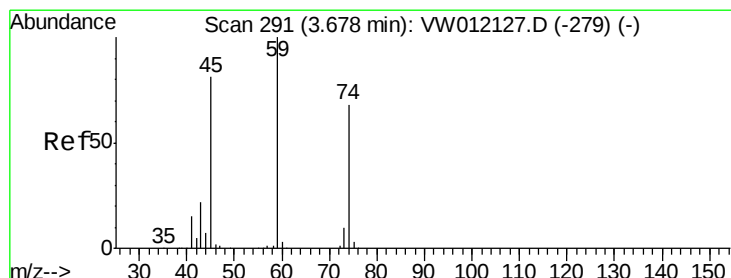
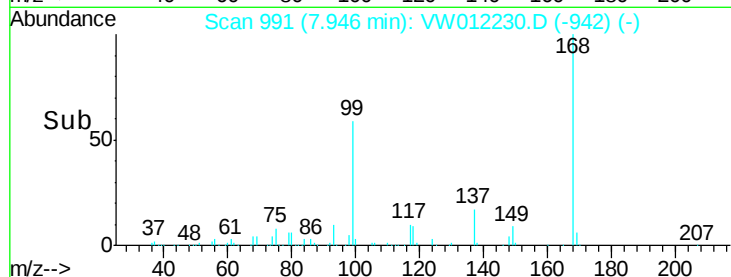
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.373 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012230.D

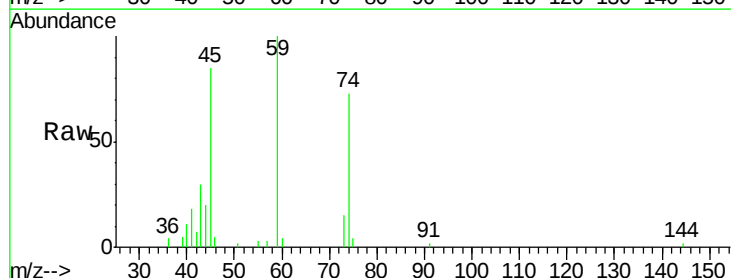
Acq: 28 Aug 2019 03:16

Tgt Ion: 74 Resp: 3705

Ion Ratio Lower Upper

74 100

45 135.5 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

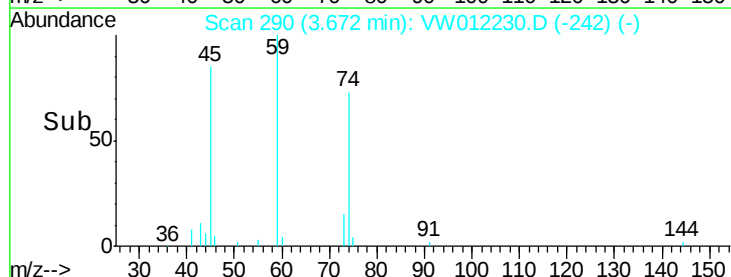
1500

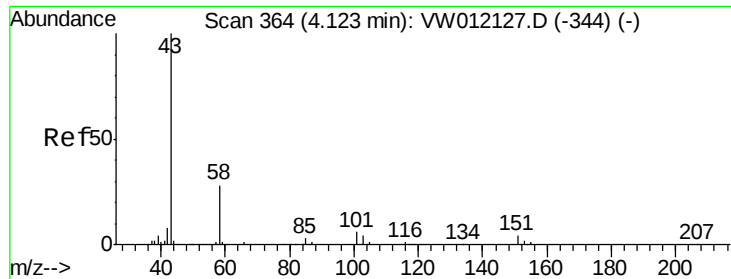
1000

500

0

Time-->

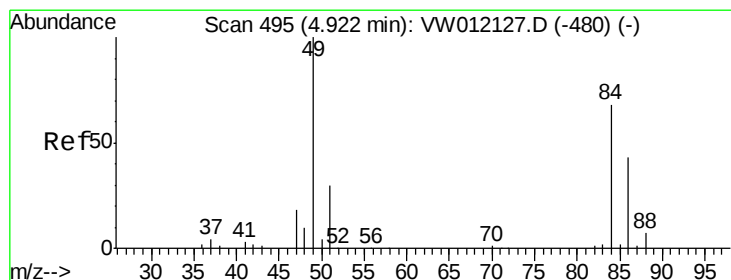
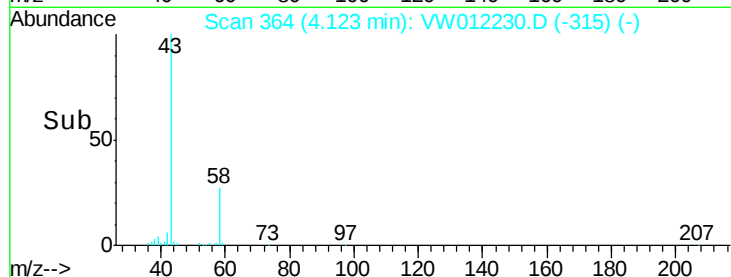
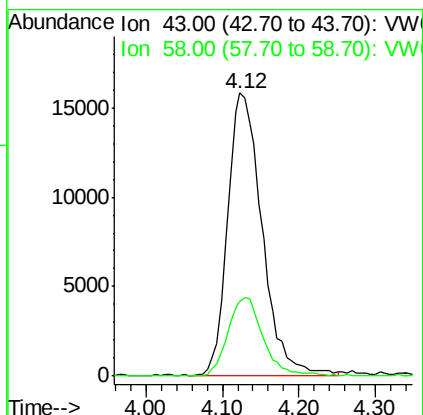
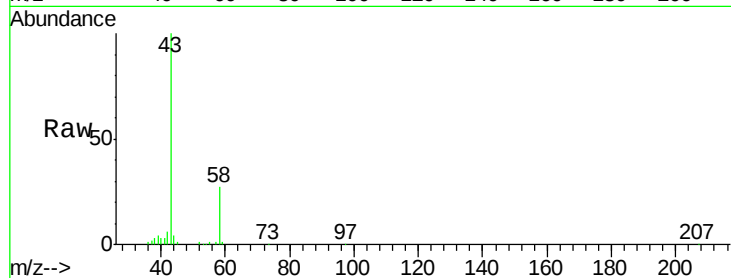




#16
Acetone
Concen: 58.003 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

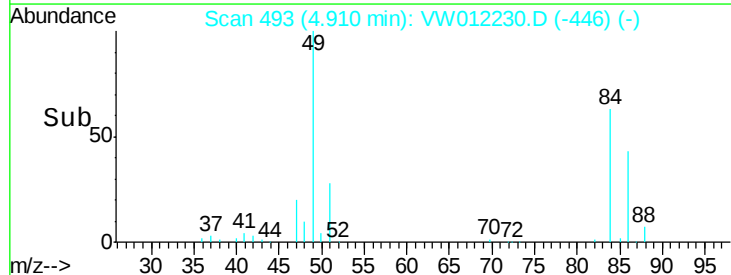
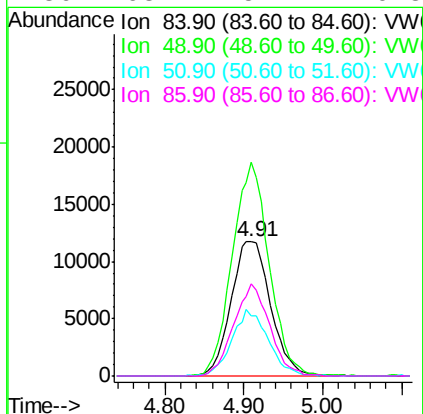
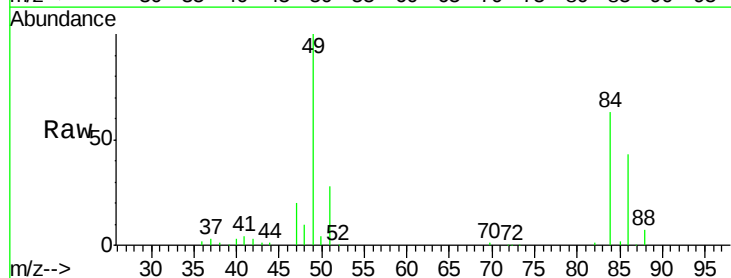
Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

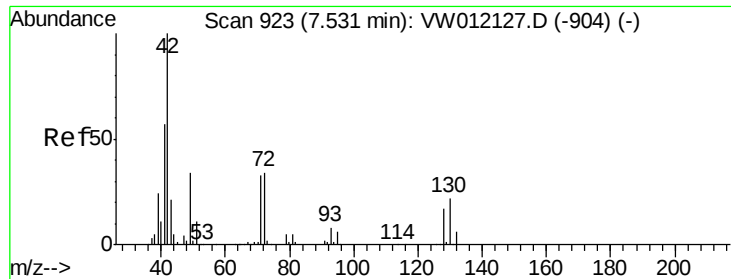
Tot Ion: 43 Resp: 49453
Ion Ratio Lower Upper
43 100
58 26.5 22.4 33.6



#20
Methylene Chloride
Concen: 12.701 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

Tgt Ion: 84 Resp: 40936
Ion Ratio Lower Upper
84 100
49 158.5 117.8 176.8
51 44.7 35.6 53.4
86 68.4 51.2 76.8

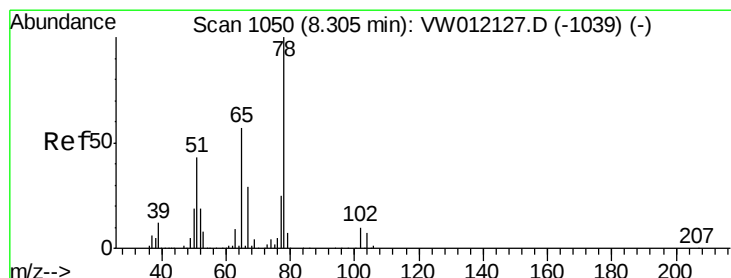
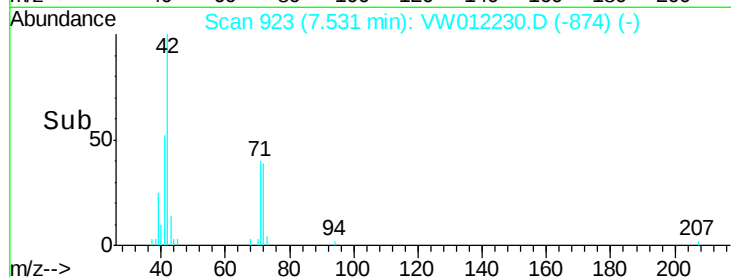
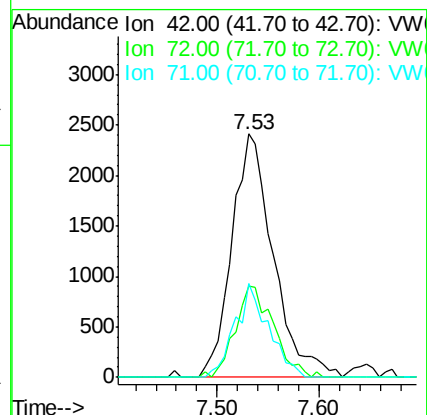
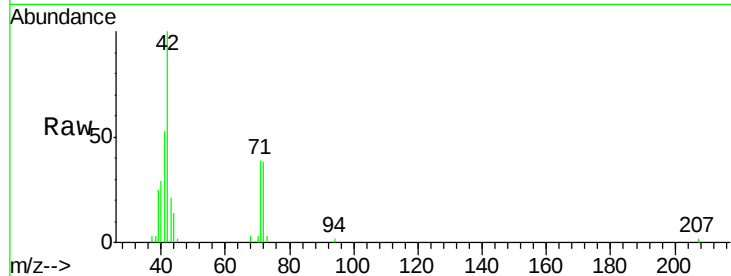




#29
Tetrahydrofuran
Concen: 9.790 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

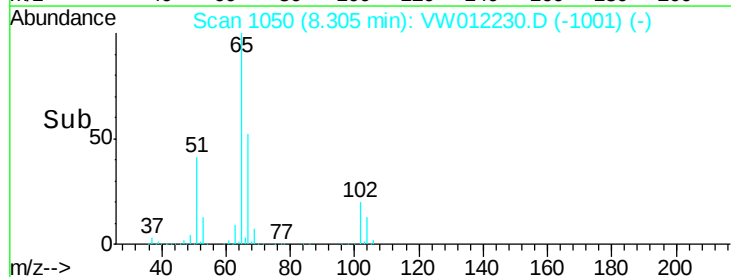
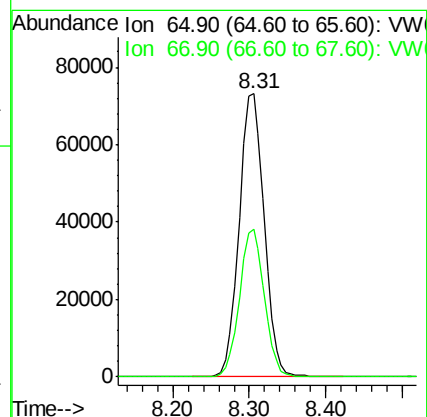
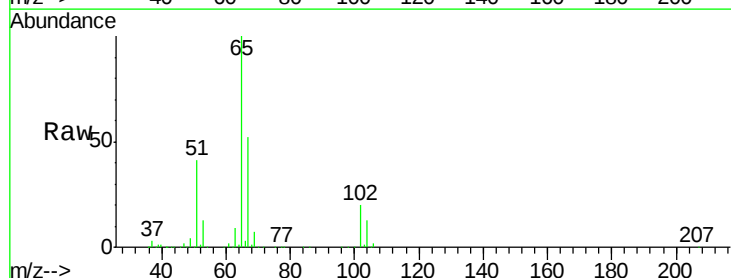
Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

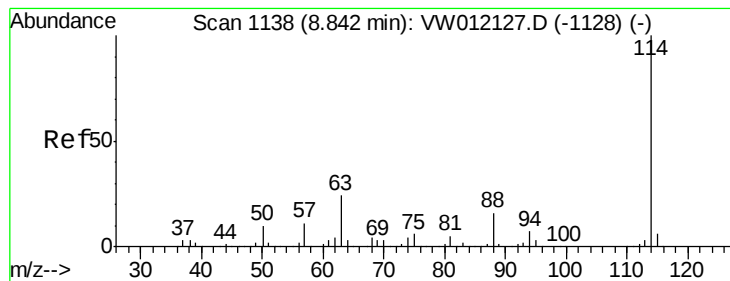
Tot Ion: 42 Resp: 6805
Ion Ratio Lower Upper
42 100
72 34.8 27.3 40.9
71 31.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 49.719 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

Tgt Ion: 65 Resp: 165830
Ion Ratio Lower Upper
65 100
67 51.7 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: VW012230.D

Acq: 28 Aug 2019 03:16

Instrument :

MSVOA_W

ClientSampleId :

S400-K1-1.0-1.5-082619

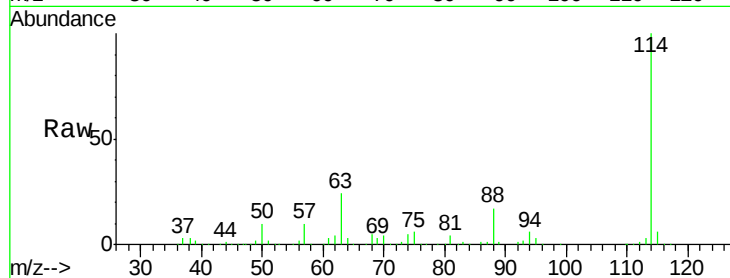
Tot Ion:114 Resp: 459108

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

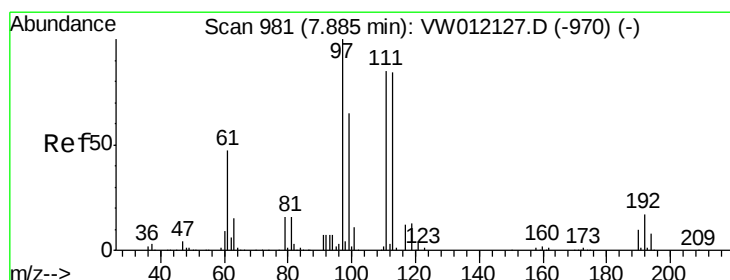
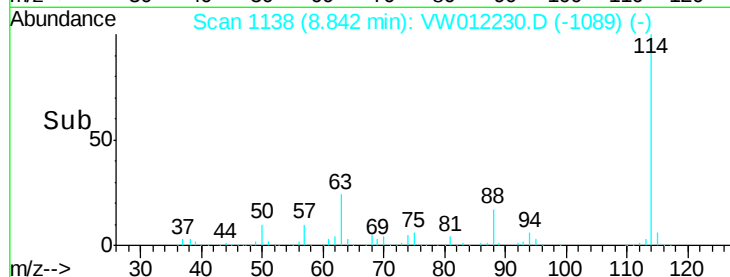
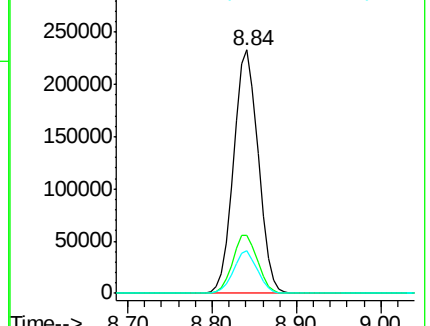
88 17.3 0.0 32.2



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: 49.470 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012230.D

Acq: 28 Aug 2019 03:16

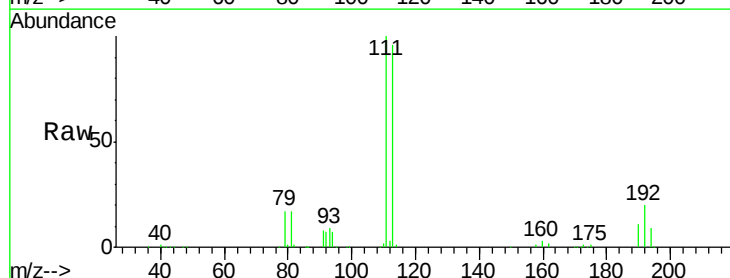
Tgt Ion:113 Resp: 135568

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

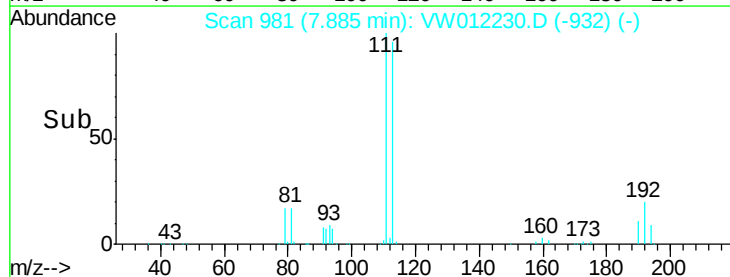
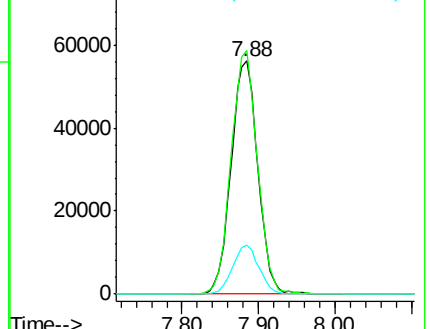
192 20.4 16.2 24.2

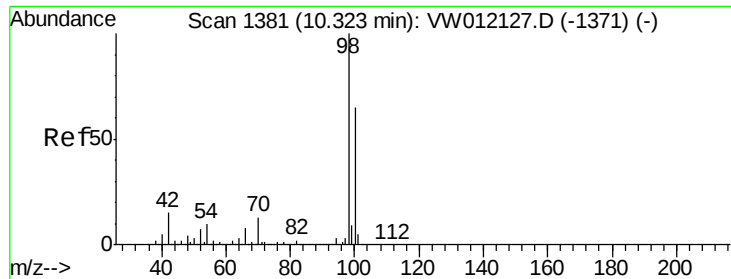


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.038 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012230.D

Acq: 28 Aug 2019 03:16

Instrument :

MSVOA_W

ClientSampleId :

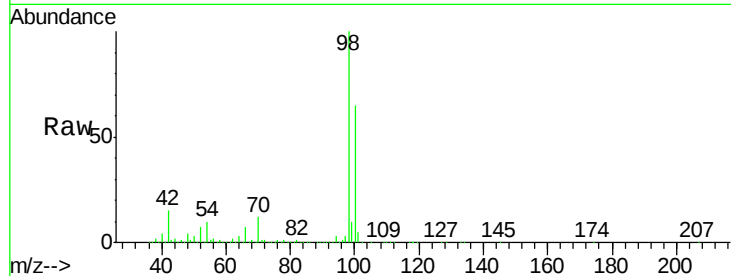
S400-K1-1.0-1.5-082619

Tot Ion: 98 Resp: 556004

Ion Ratio Lower Upper

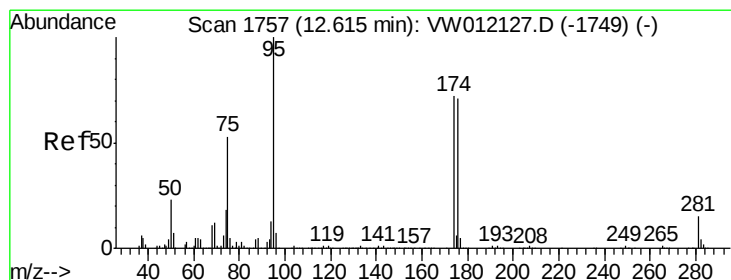
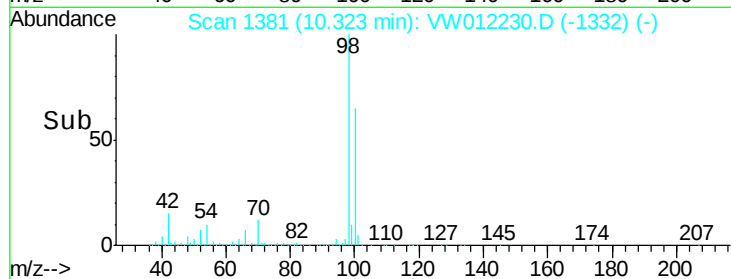
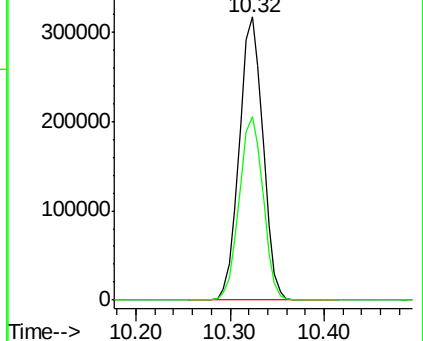
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.010 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012230.D

Acq: 28 Aug 2019 03:16

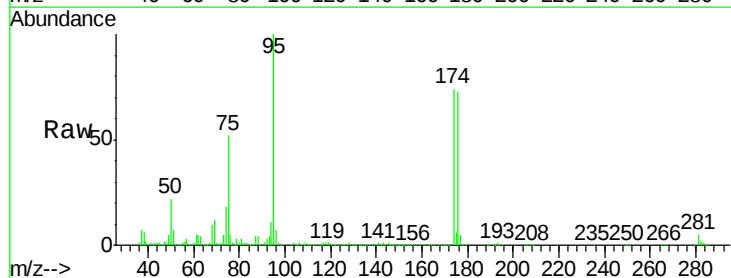
Tgt Ion: 95 Resp: 160629

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.8

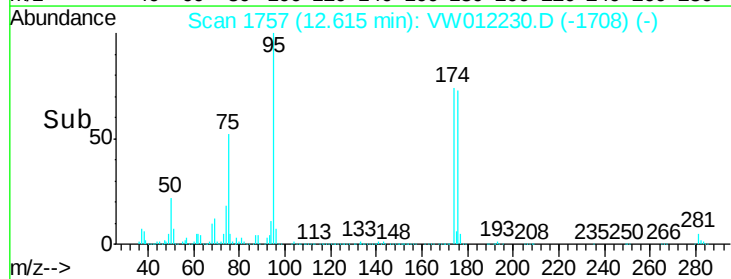
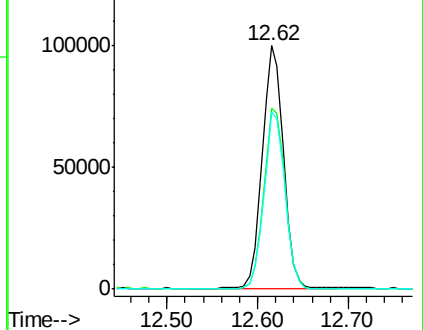
176 72.4 0.0 148.6

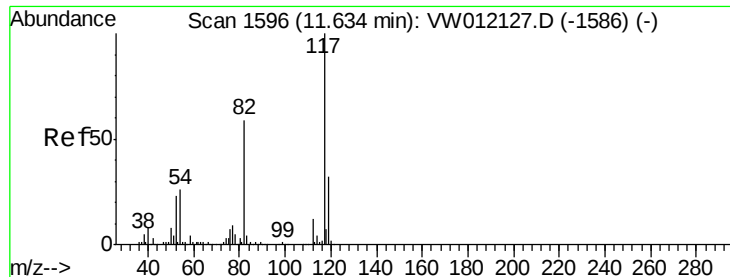


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

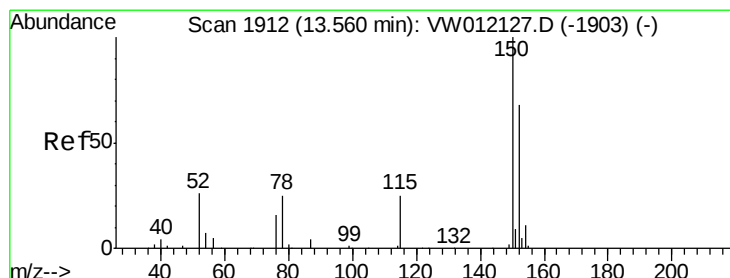
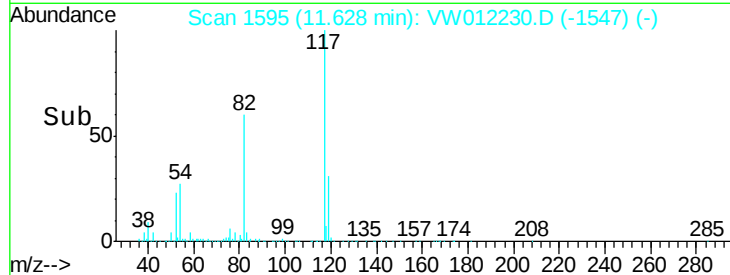
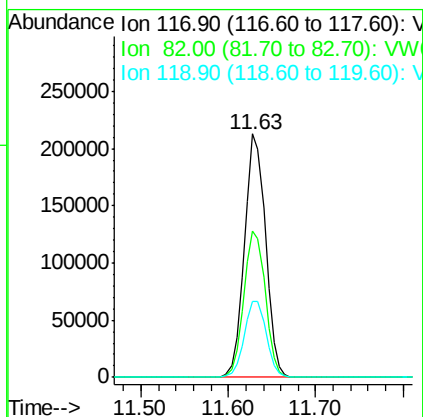
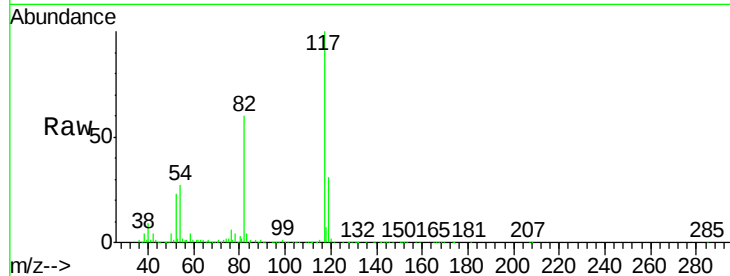




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

Tot Ion:117 Resp: 355880
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012230.D
Acq: 28 Aug 2019 03:16

Tgt Ion:152 Resp: 116898
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 156.7 0.0 345.8

