

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011145.D
 Acq On : 03 Jul 2019 17:38
 Operator : SY/VA
 Sample : K3668-01
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-1

Quant Time: Jul 04 04:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

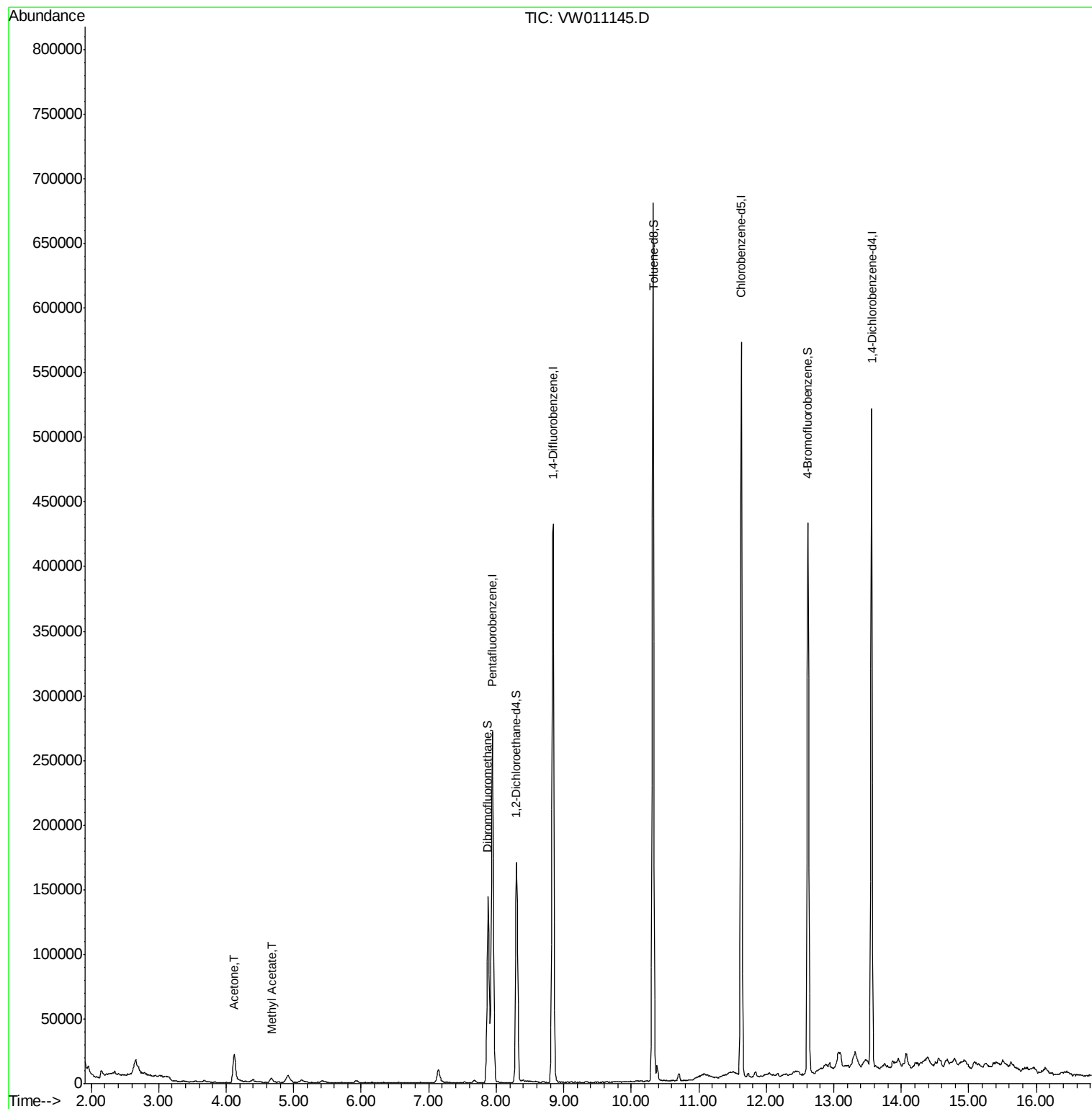
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134029	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.88	113	100148	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.32	98	424049	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	142001	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
16) Acetone	4.12	43	41273	65.462	ug/l	Qvalue 100
18) Methyl Acetate	4.67	43	5945	3.640	ug/l	99

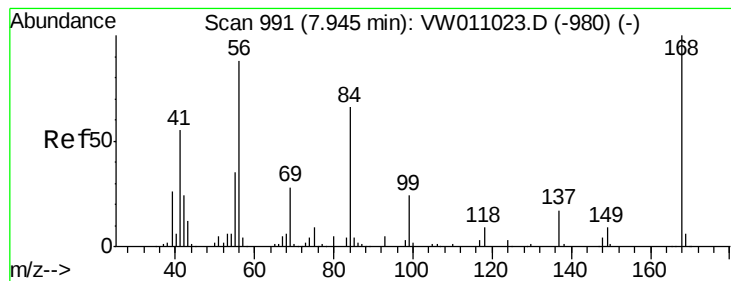
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011145.D

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Instrument :

MSVOA_W

ClientSampleId :

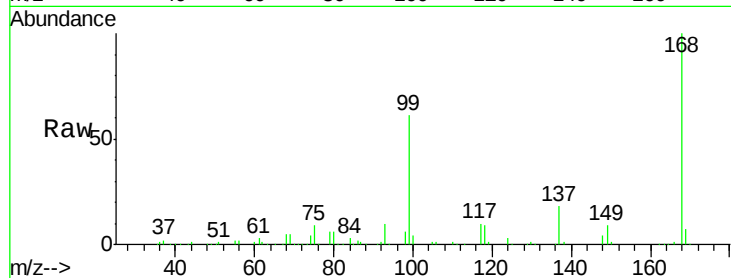
TRANSFORMER-1

Tot Ion:168 Resp: 197585

Ion Ratio Lower Upper

168 100

99 61.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

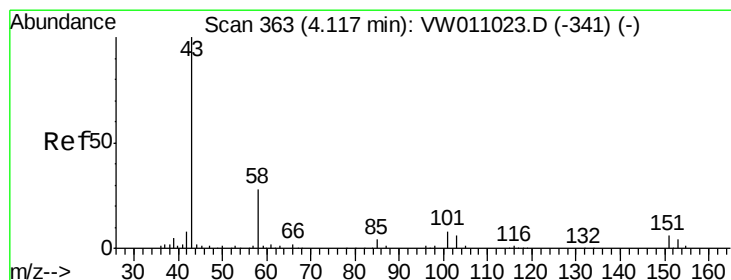
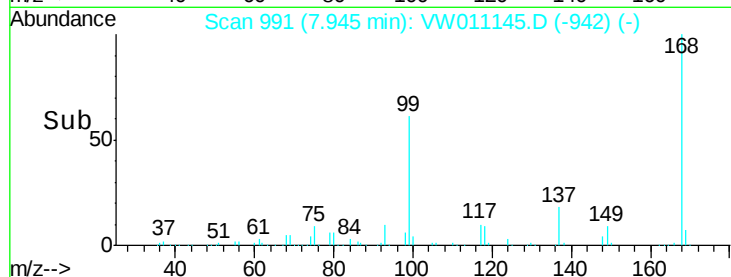
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 65.462 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011145.D

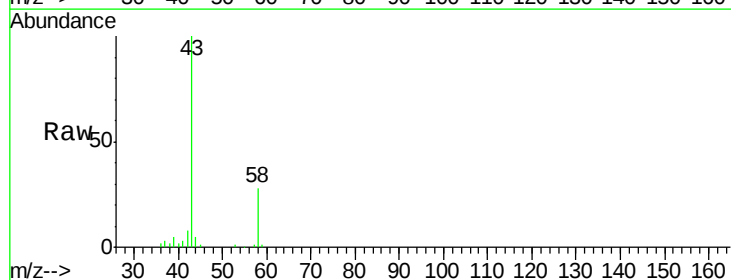
Acq: 03 Jul 2019 17:38

Tgt Ion: 43 Resp: 41273

Ion Ratio Lower Upper

43 100

58 28.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

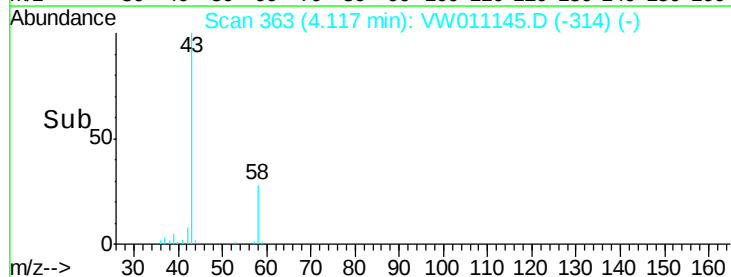
10000

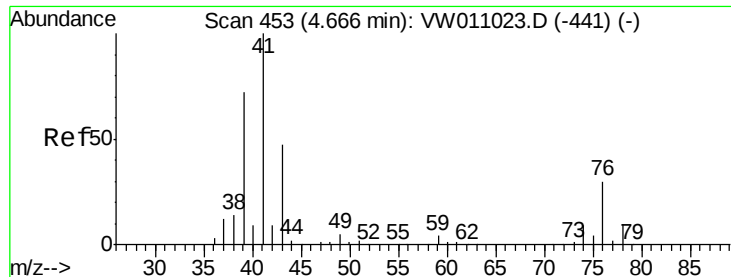
5000

0

4.00 4.10 4.20

Time-->

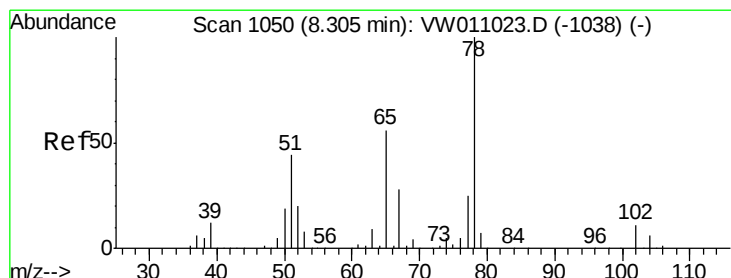
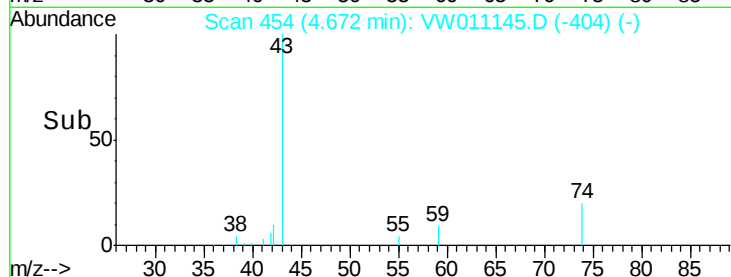
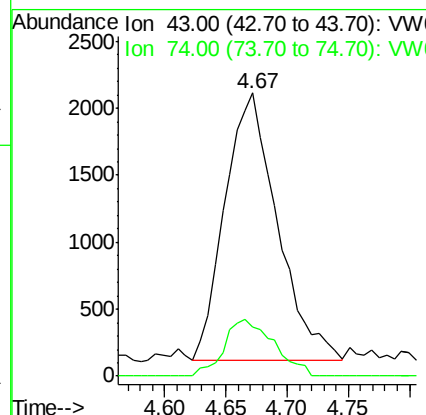
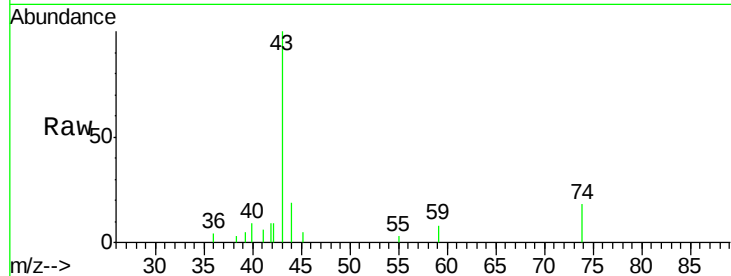




#18
Methyl Acetate
Concen: 3.640 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

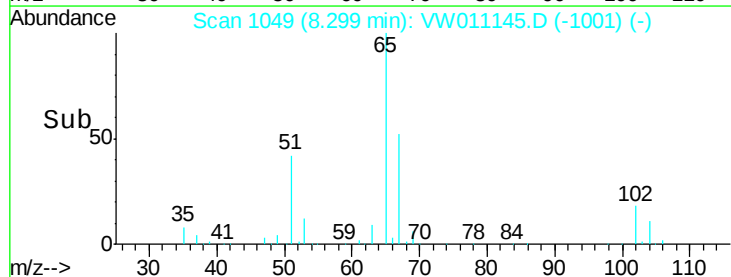
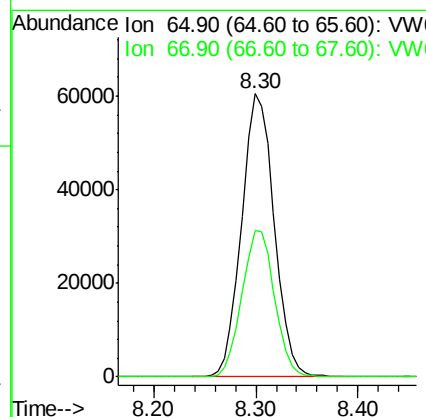
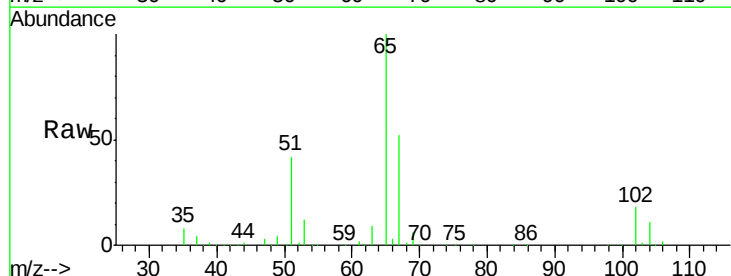
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

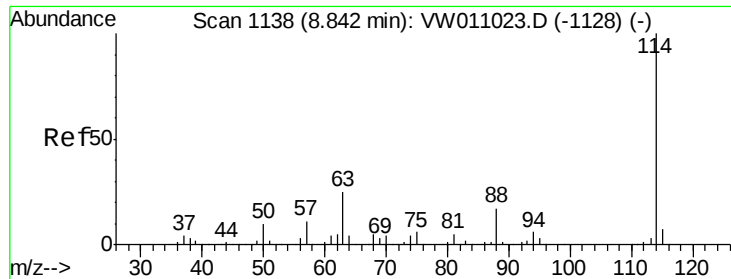
Tot Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
74 20.2 15.8 23.8



#33
1,2-Dichloroethane-d4
Concen: 51.890 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Tgt Ion: 65 Resp: 134029
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

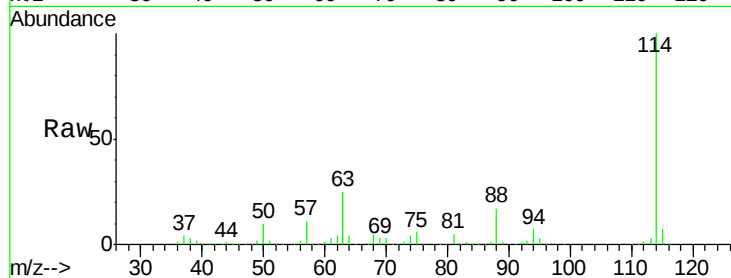




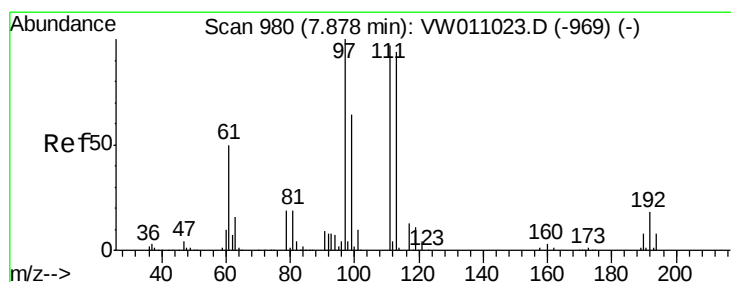
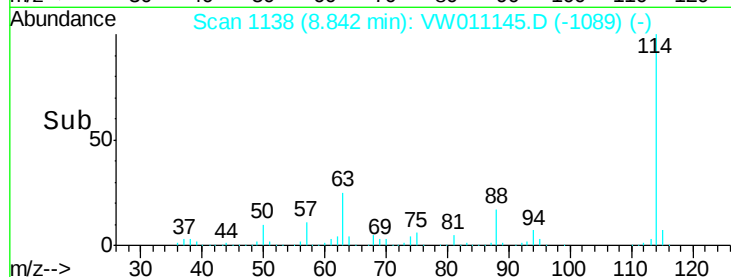
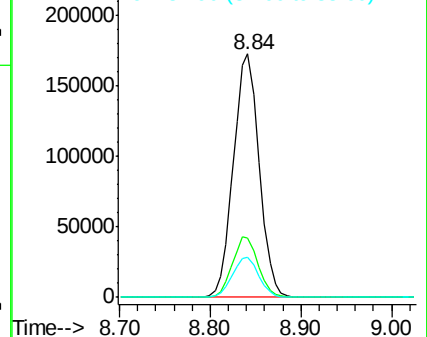
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-1

Tot Ion:114 Resp: 339800
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.6 0.0 34.0

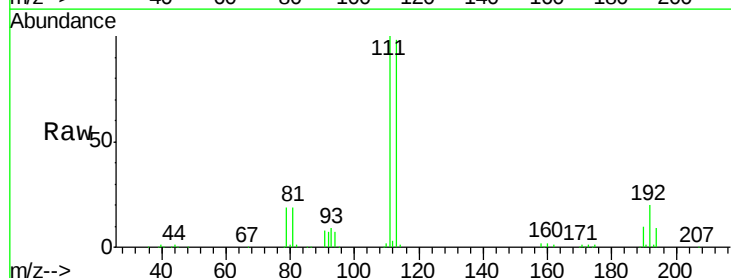


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

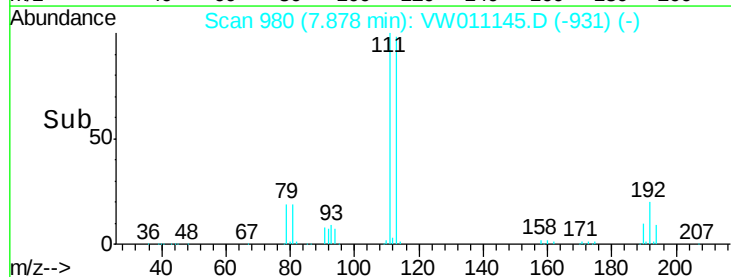
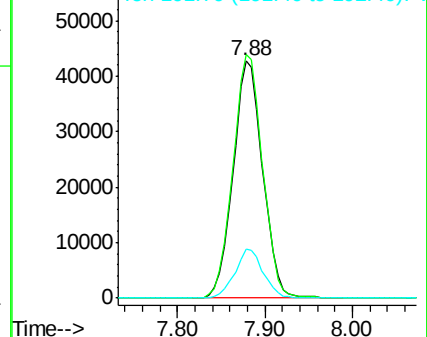


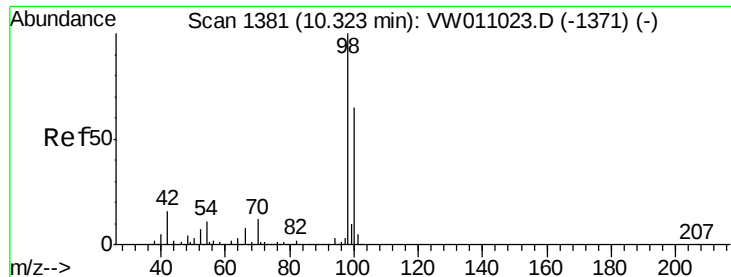
#35
 Dibromofluoromethane
 Concen: 48.265 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011145.D
 Acq: 03 Jul 2019 17:38

Tgt Ion:113 Resp: 100148
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.8 125.6
 192 20.0 16.0 24.0



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: 49.648 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011145.D

Acq: 03 Jul 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

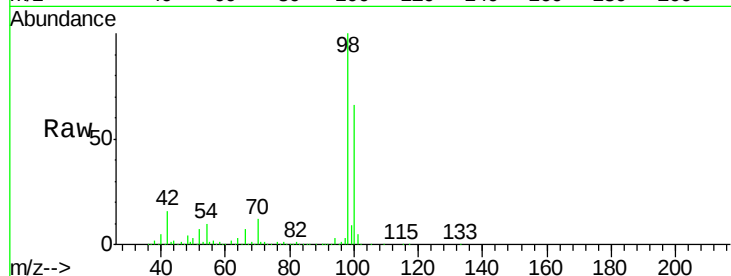
TRANSFORMER-1

Tot Ion: 98 Resp: 424049

Ion Ratio Lower Upper

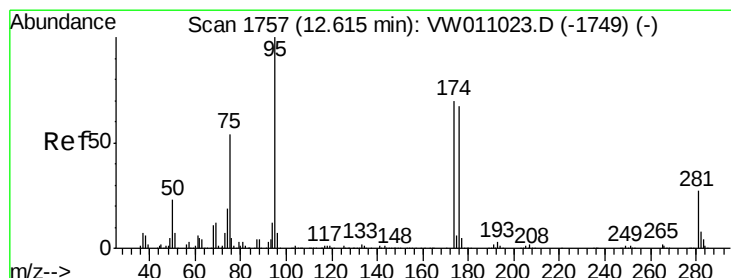
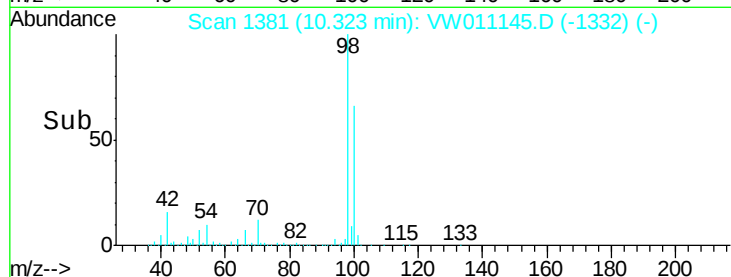
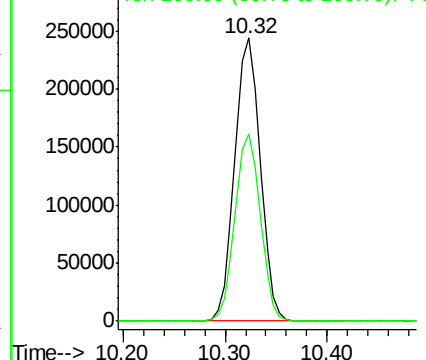
98 100

100 65.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.456 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011145.D

Acq: 03 Jul 2019 17:38

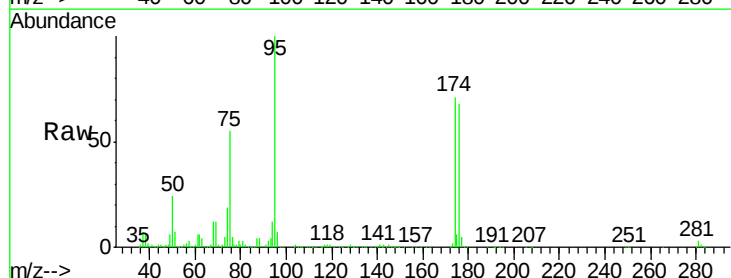
Tgt Ion: 95 Resp: 142001

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.2

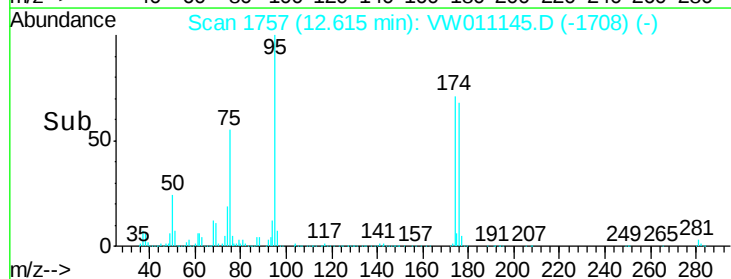
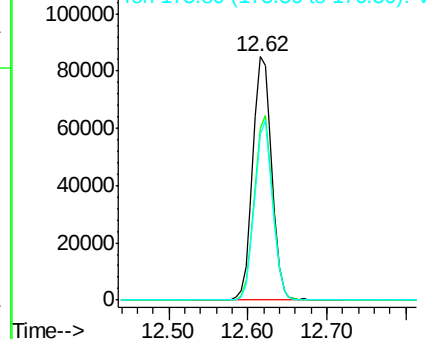
176 70.4 0.0 143.6

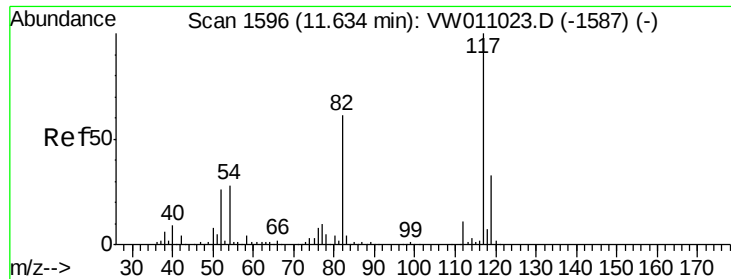


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

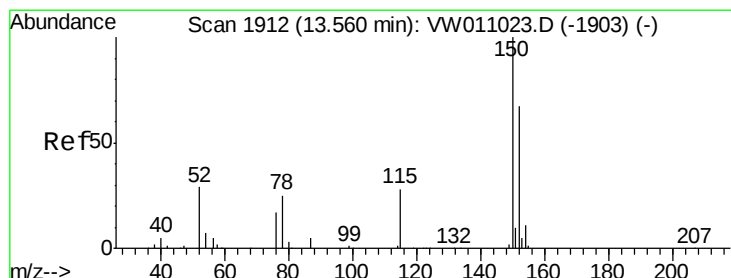
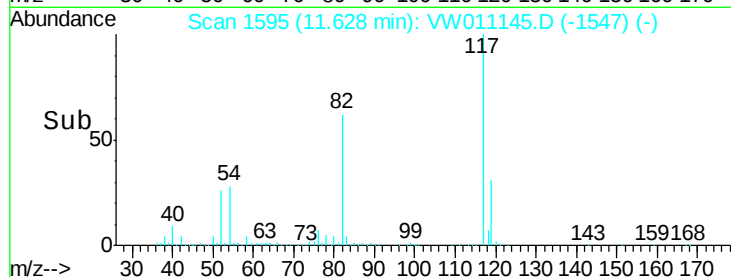
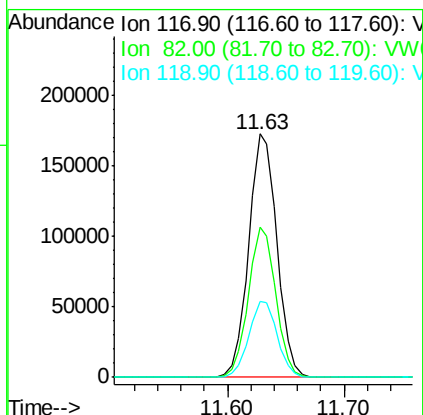
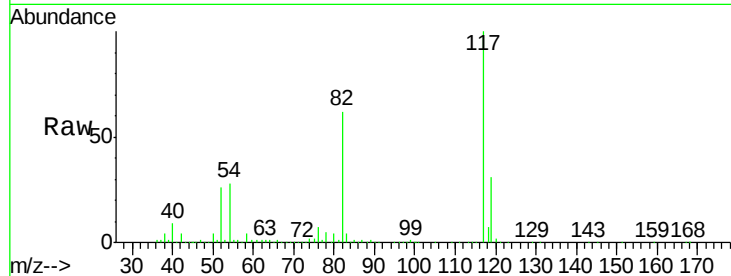




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-1

Tot Ion:117 Resp: 291528
Ion Ratio Lower Upper
117 100
82 61.7 48.6 73.0
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011145.D
Acq: 03 Jul 2019 17:38

Tgt Ion:152 Resp: 123117
Ion Ratio Lower Upper
152 100
115 60.0 30.7 92.1
150 155.2 0.0 341.8

