

Data File : VW011147.D
Acq On : 03 Jul 2019 18:32
Operator : SY/VA
Sample : K3668-09
Misc : 6.04G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-T2

Quant Time: Jul 04 03:53:57 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

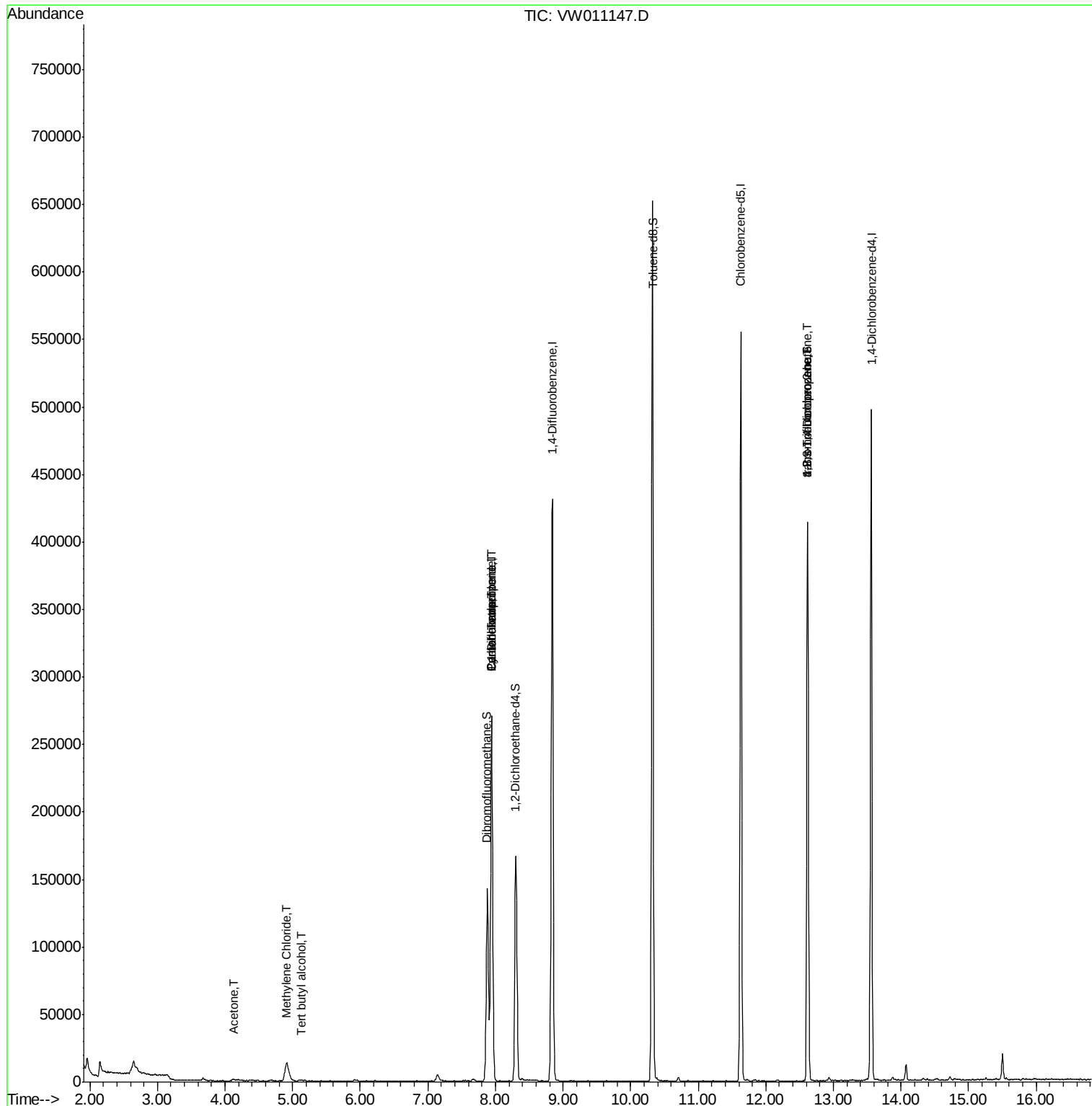
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133452	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	7.88	113	99836	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	10.32	98	417212	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	136578	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	514	2.772	ug/l #	82
16) Acetone	4.12	43	2976	4.776	ug/l #	86
20) Methylene Chloride	4.92	84	11411	4.507	ug/l	99
31) Cyclohexane	7.94	56	5239	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17145	4.746	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20539	6.904	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	73869	57.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73869	116.061	ug/l #	3

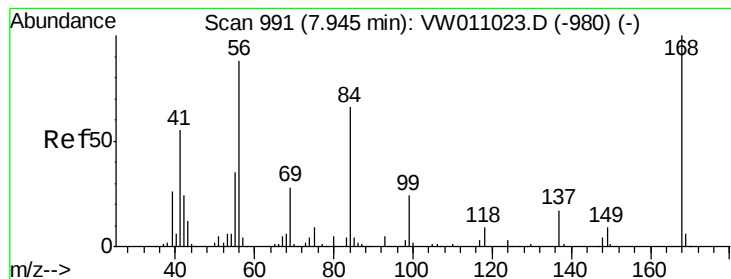
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

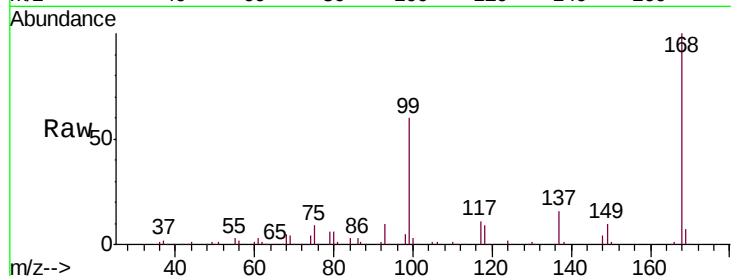
TRANSFORMER-T2

Tgt Ion: 168 Resp: 195268

Ion Ratio Lower Upper

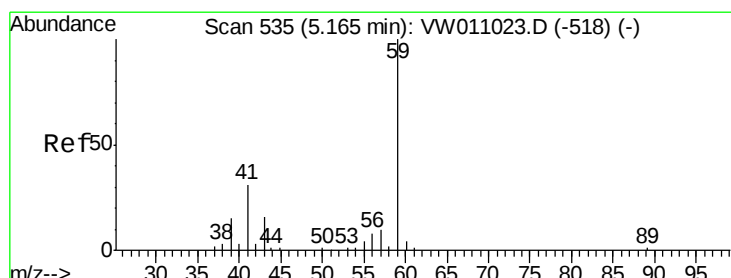
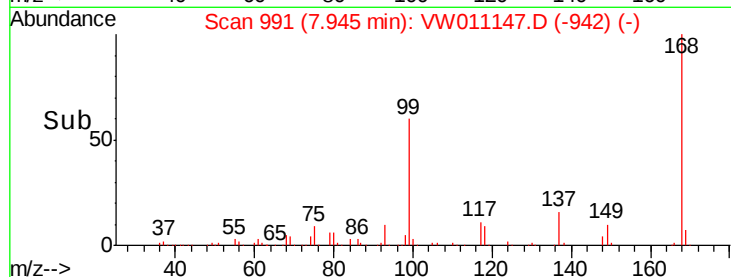
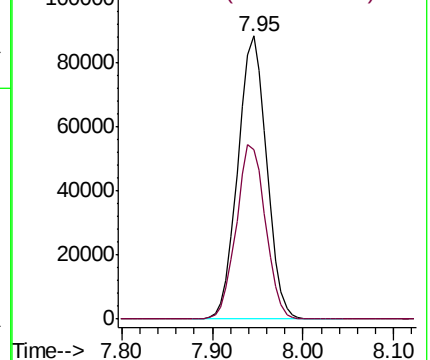
168 100

99 59.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.772 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011147.D

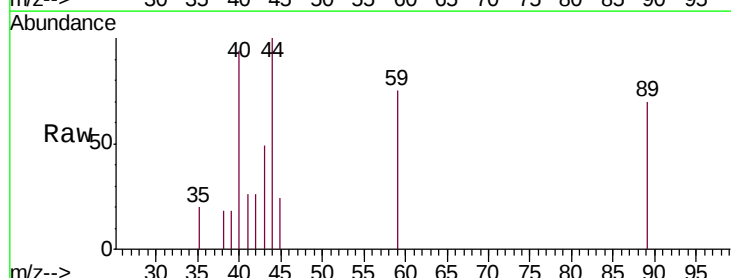
Acq: 03 Jul 2019 18:32

Tgt Ion: 59 Resp: 514

Ion Ratio Lower Upper

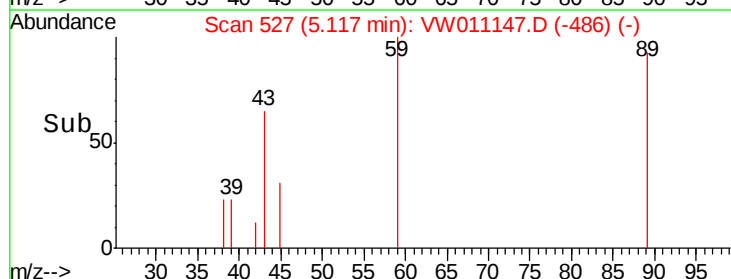
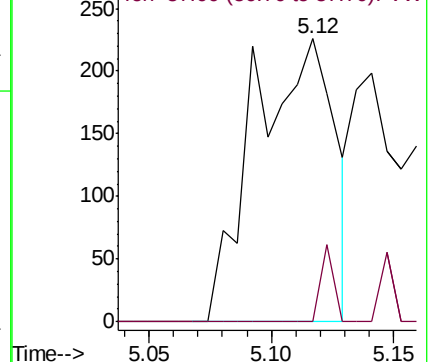
59 100

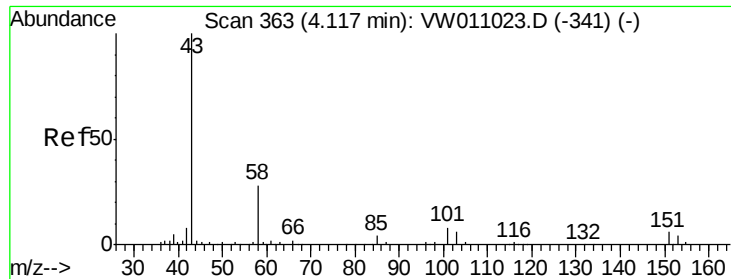
57 4.5 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.776 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

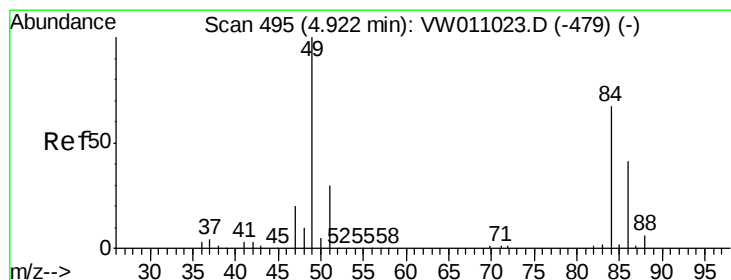
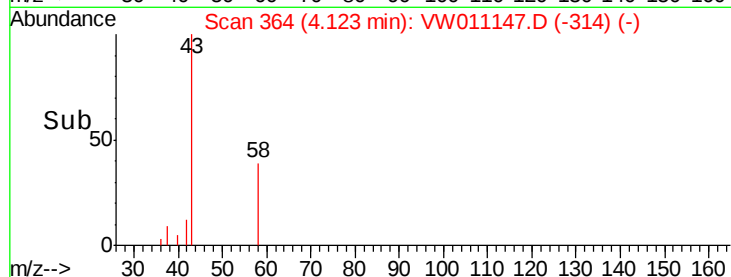
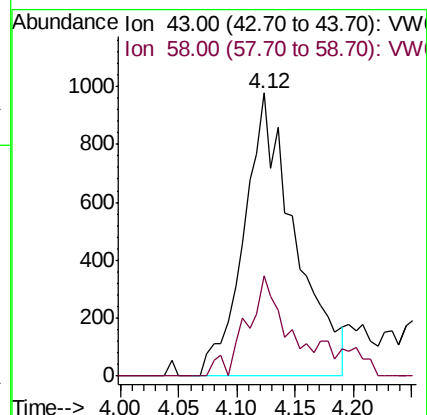
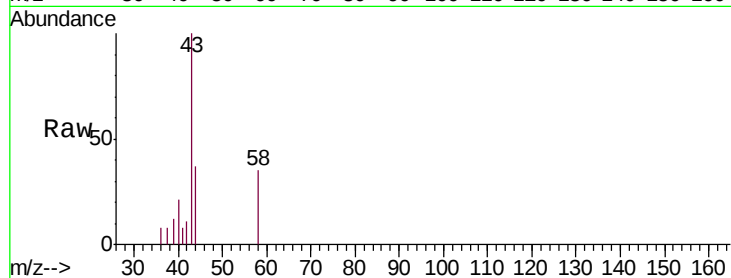
TRANSFORMER-T2

Tgt Ion: 43 Resp: 2976

Ion Ratio Lower Upper

43 100

58 35.4 22.5 33.7#



#20

Methylene Chloride

Concen: 4.507 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Tgt Ion: 84 Resp: 11411

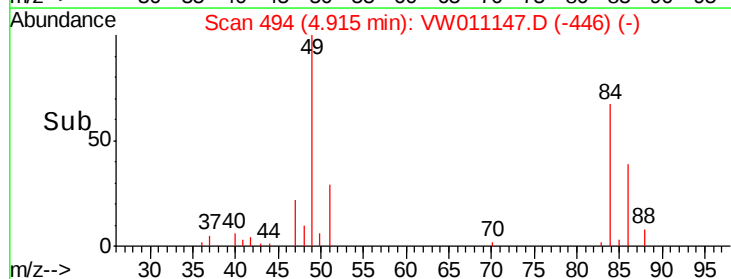
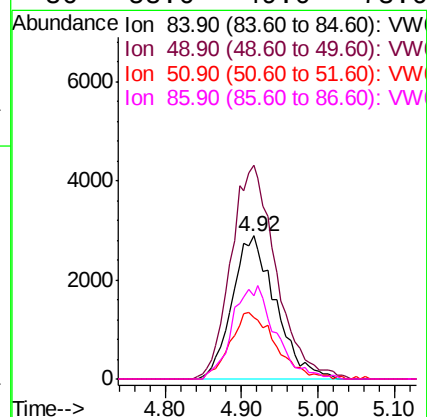
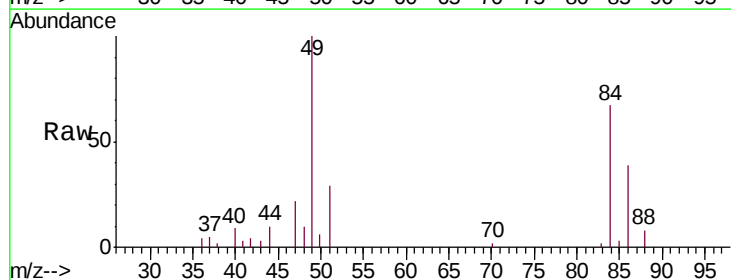
Ion Ratio Lower Upper

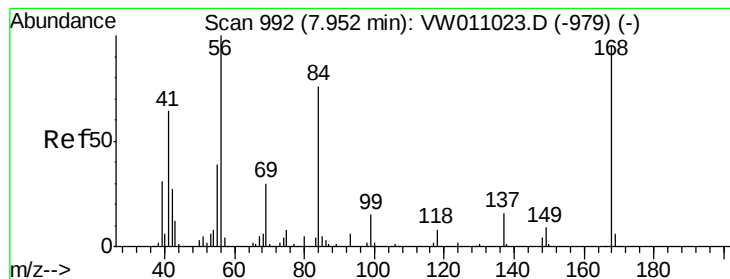
84 100

49 149.6 119.6 179.4

51 43.3 35.6 53.4

86 58.6 49.0 73.6





#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-T2

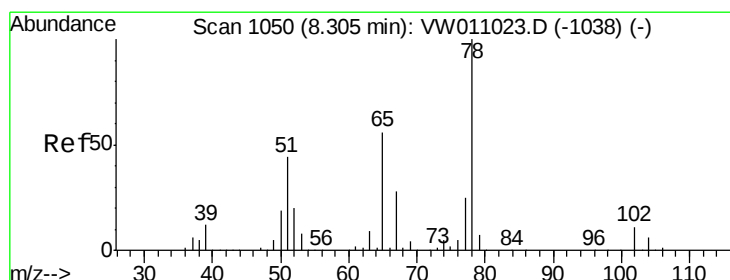
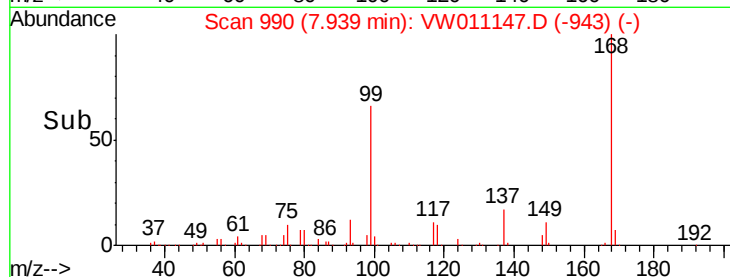
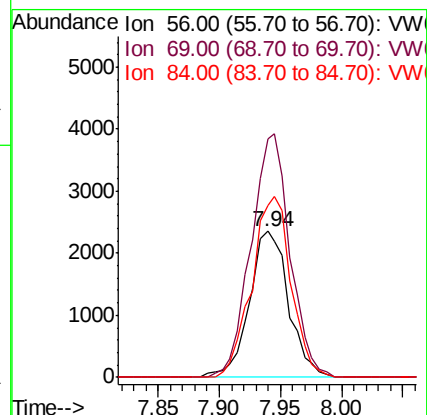
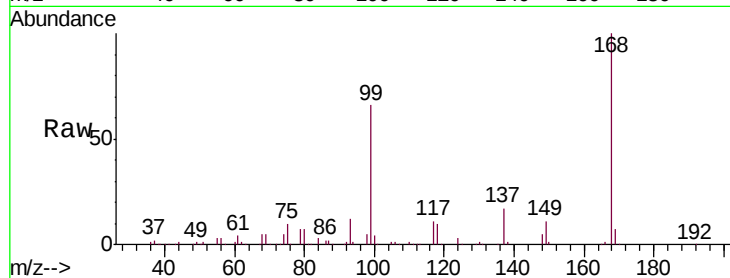
Tgt Ion: 56 Resp: 5239

Ion Ratio Lower Upper

56 100

69 163.9 24.2 36.2#

84 117.7 60.6 90.8#



#33

1,2-Dichloroethane-d4

Concen: 52.279 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011147.D

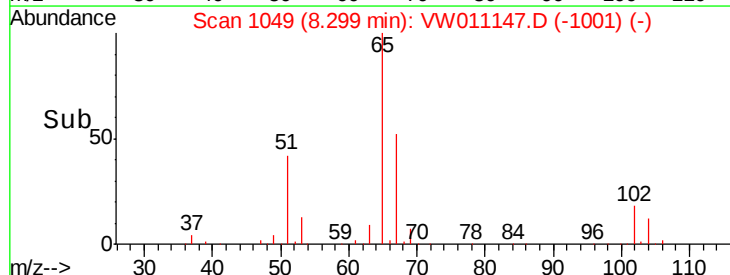
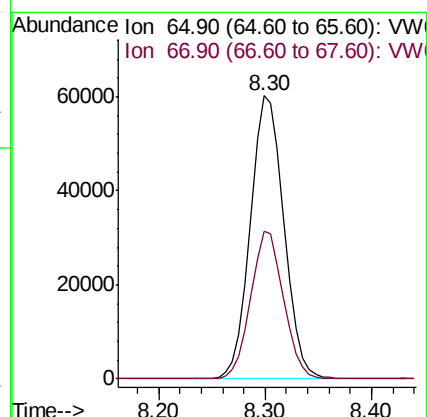
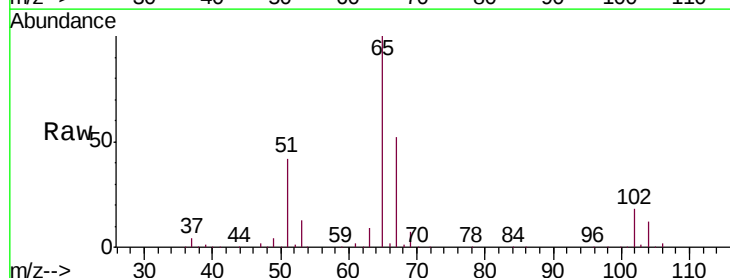
Acq: 03 Jul 2019 18:32

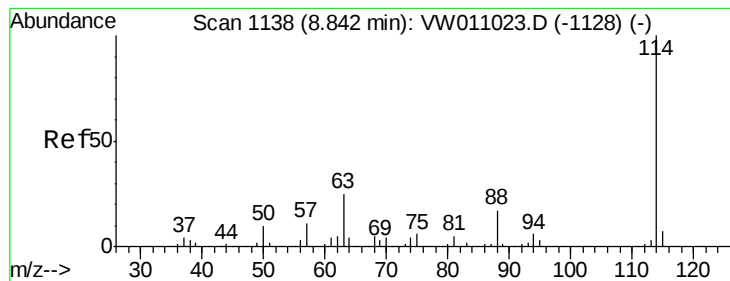
Tgt Ion: 65 Resp: 133452

Ion Ratio Lower Upper

65 100

67 51.2 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: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

TRANSFORMER-T2

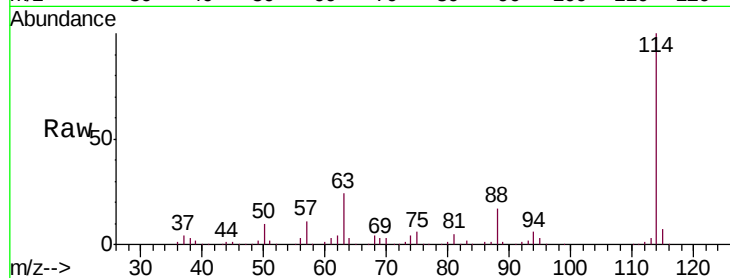
Tgt Ion:114 Resp: 336113

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.6

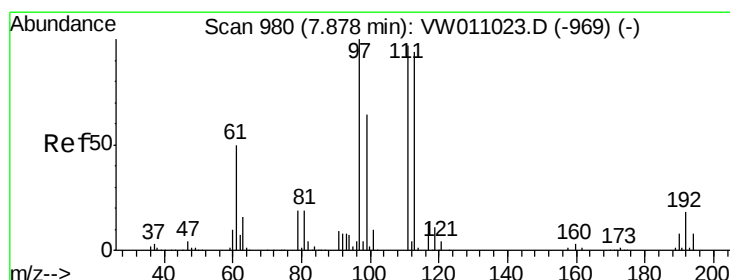
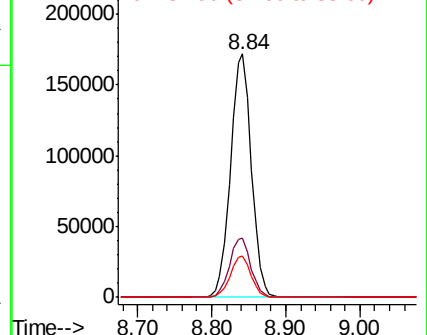
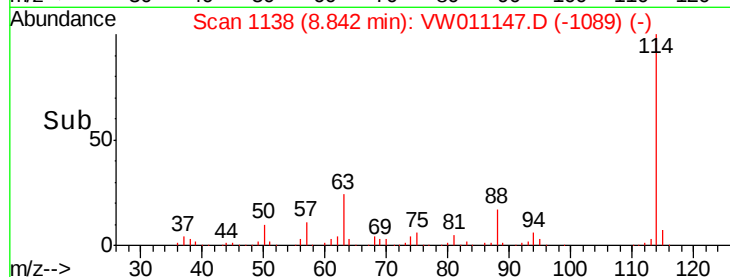
88 17.1 0.0 34.0



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: 48.643 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

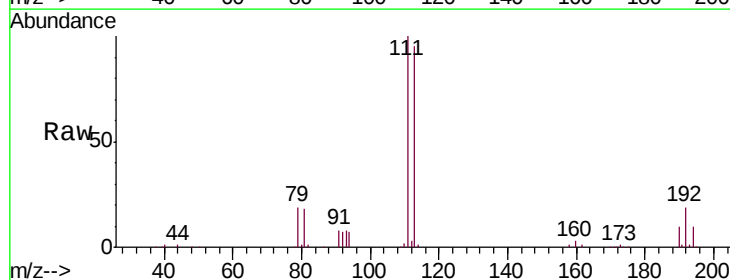
Tgt Ion:113 Resp: 99836

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

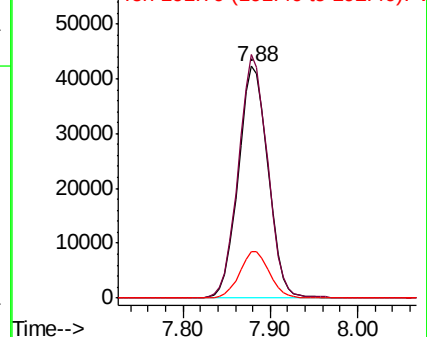
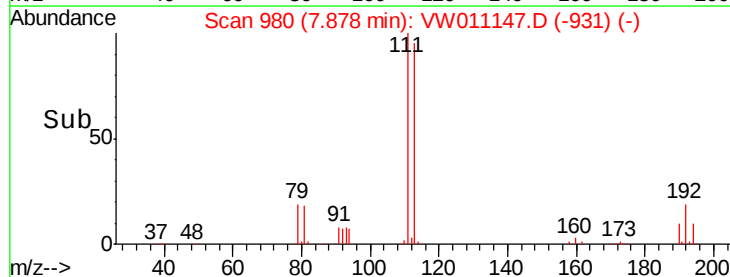
192 20.0 16.0 24.0

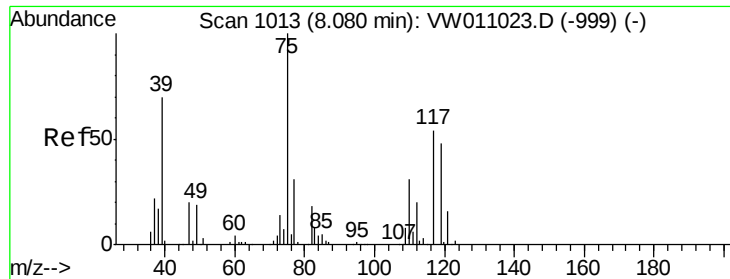


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

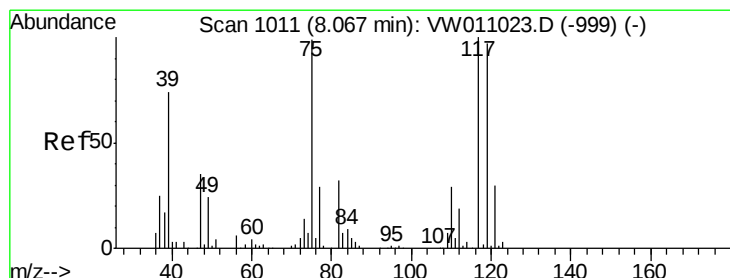
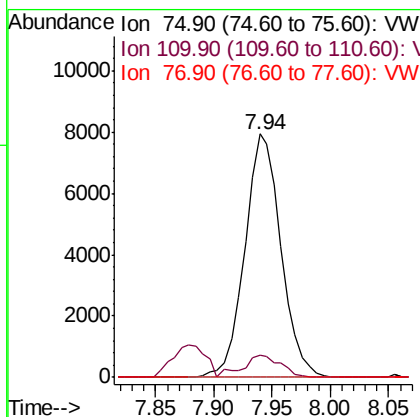
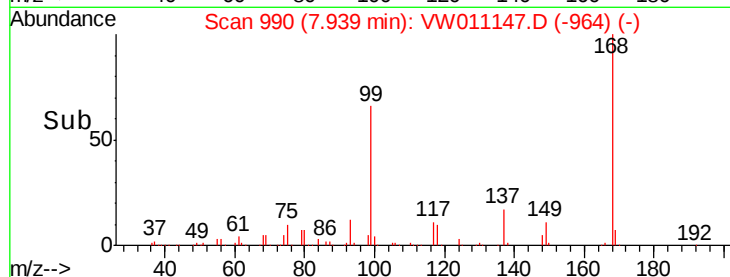
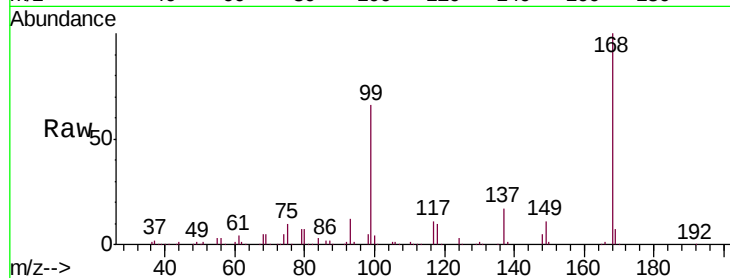




#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011147.D
 Acq: 03 Jul 2019 18:32

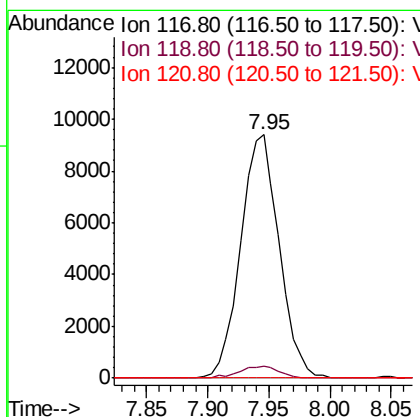
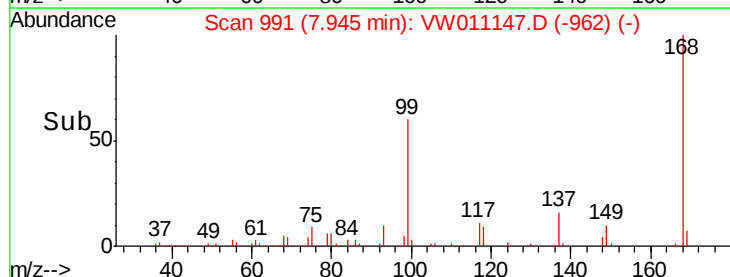
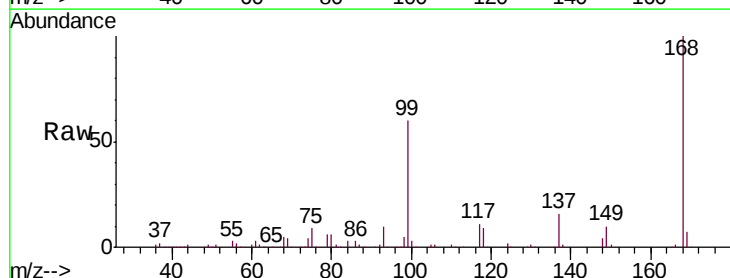
Instrument :
 MSVOA_W
 ClientSampleId :
 TRANSFORMER-T2

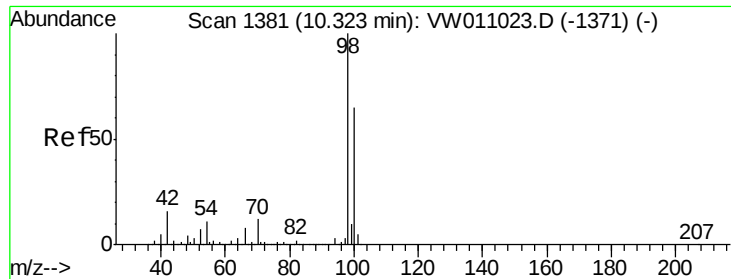
Tgt Ion: 75 Resp: 17145
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.904 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011147.D
 Acq: 03 Jul 2019 18:32

Tgt Ion: 117 Resp: 20539
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.384 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

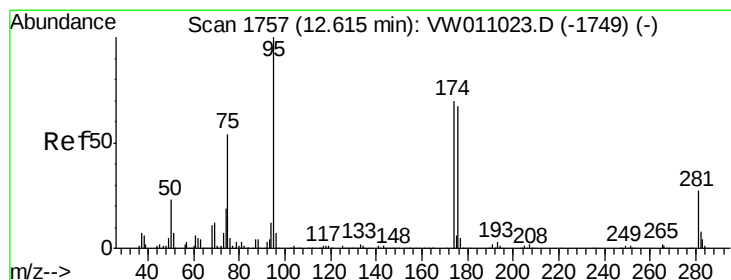
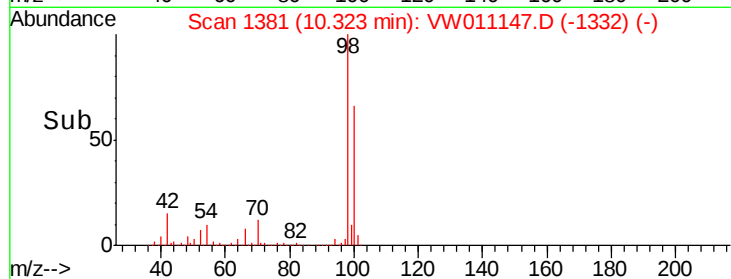
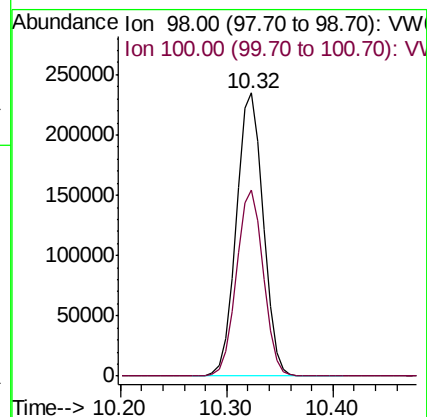
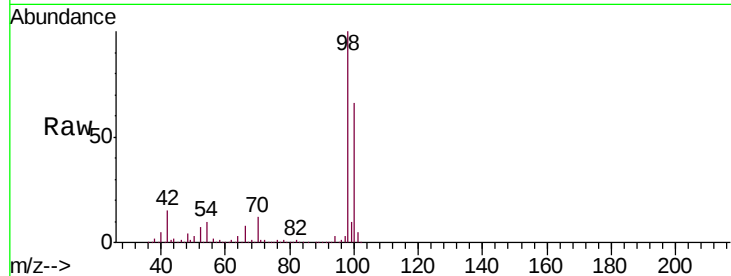
TRANSFORMER-T2

Tgt Ion: 98 Resp: 417212

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.200 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

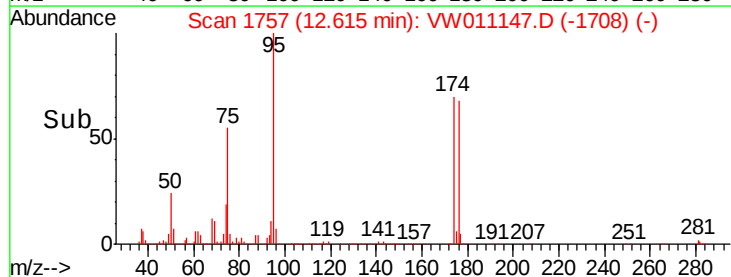
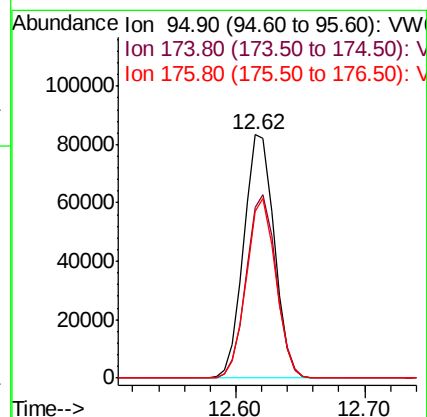
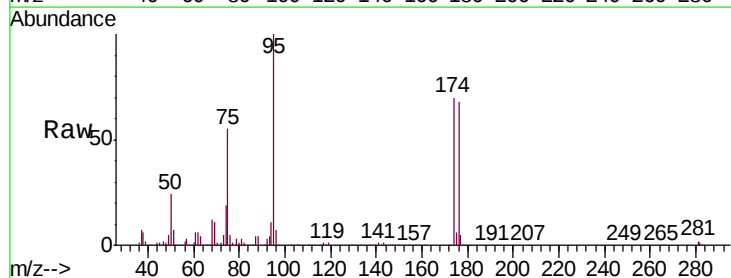
Tgt Ion: 95 Resp: 136578

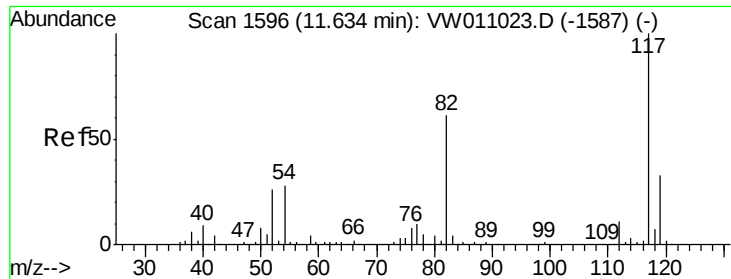
Ion Ratio Lower Upper

95 100

174 73.7 0.0 149.2

176 71.3 0.0 143.6

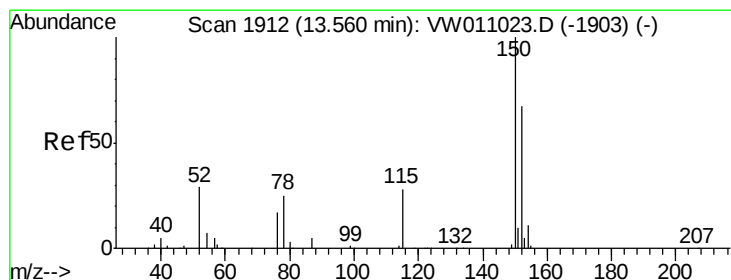
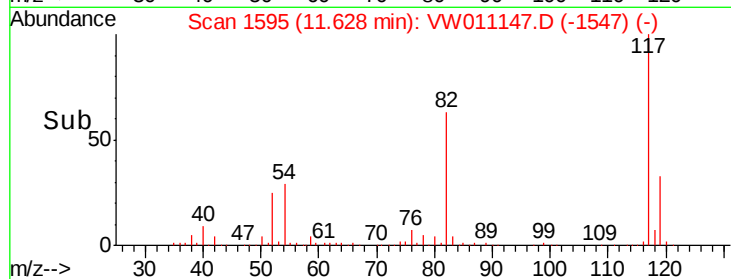
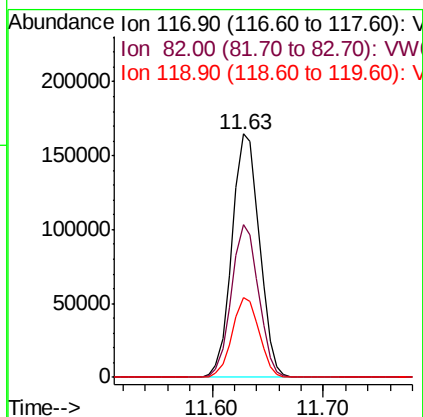
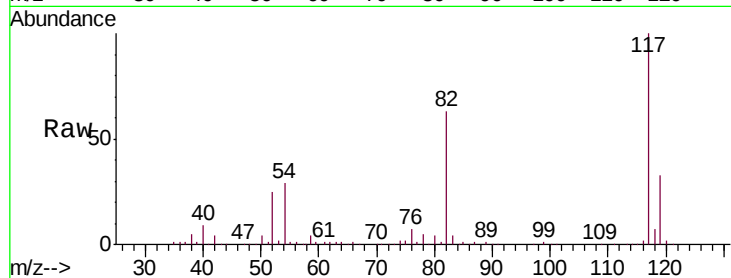




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011147.D
Acq: 03 Jul 2019 18:32

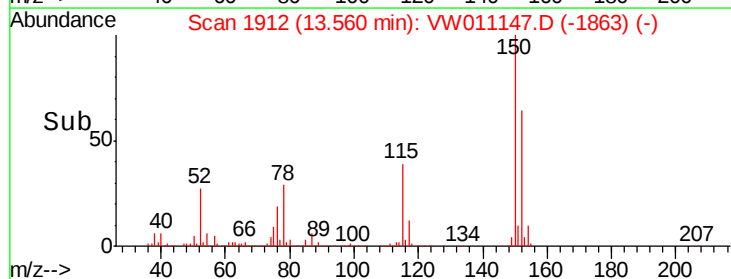
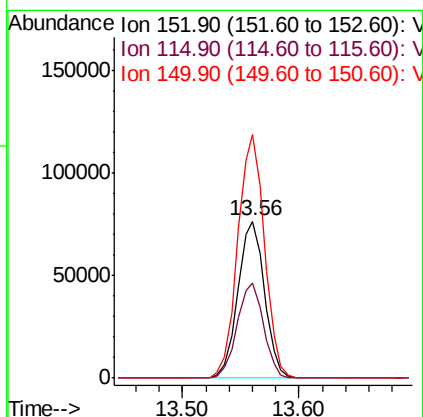
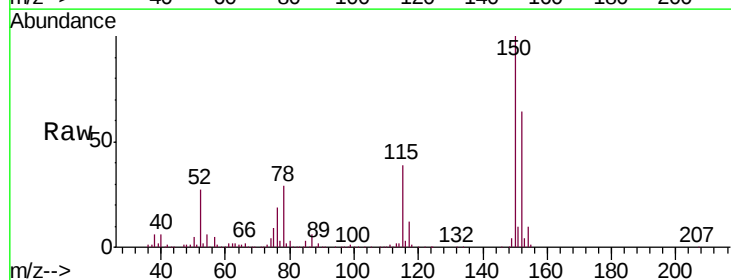
Instrument :
MSVOA_W
ClientSampleId :
TRANSFORMER-T2

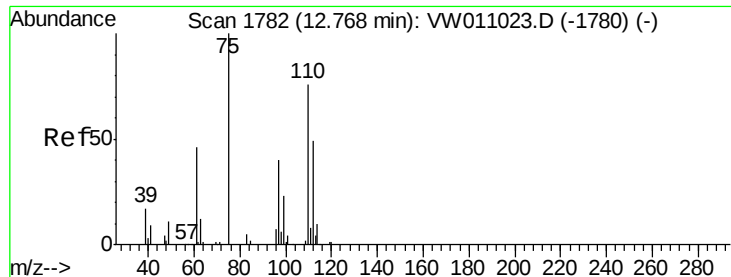
Tgt Ion:117 Resp: 282007
Ion Ratio Lower Upper
117 100
82 62.8 48.6 73.0
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011147.D
Acq: 03 Jul 2019 18:32

Tgt Ion:152 Resp: 122063
Ion Ratio Lower Upper
152 100
115 60.7 30.7 92.1
150 155.7 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 57.322 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Instrument :

MSVOA_W

ClientSampleId :

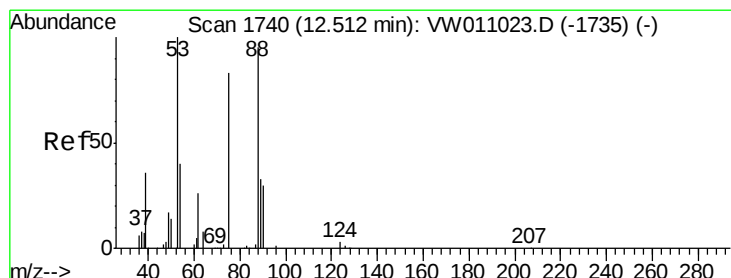
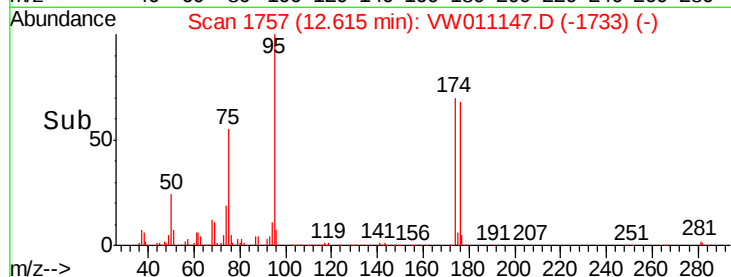
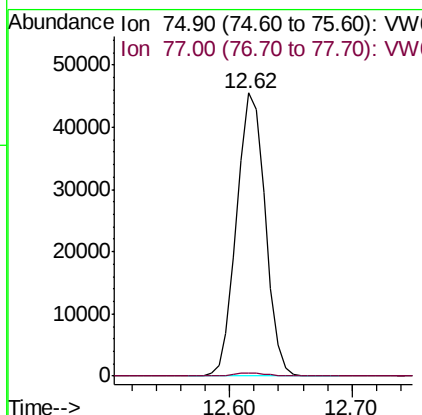
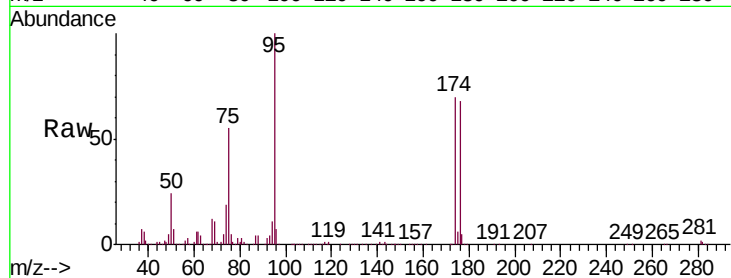
TRANSFORMER-T2

Tgt Ion: 75 Resp: 73869

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.061 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011147.D

Acq: 03 Jul 2019 18:32

Tgt Ion: 75 Resp: 73869

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

