

Data File : VW012170.D
Acq On : 26 Aug 2019 14:14
Operator : SY/VA
Sample : K4524-02
Misc : 4.44G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

Quant Time: Aug 27 04:51:03 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	189755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121481	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.88	113	97085	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.32	98	393834	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	125168	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

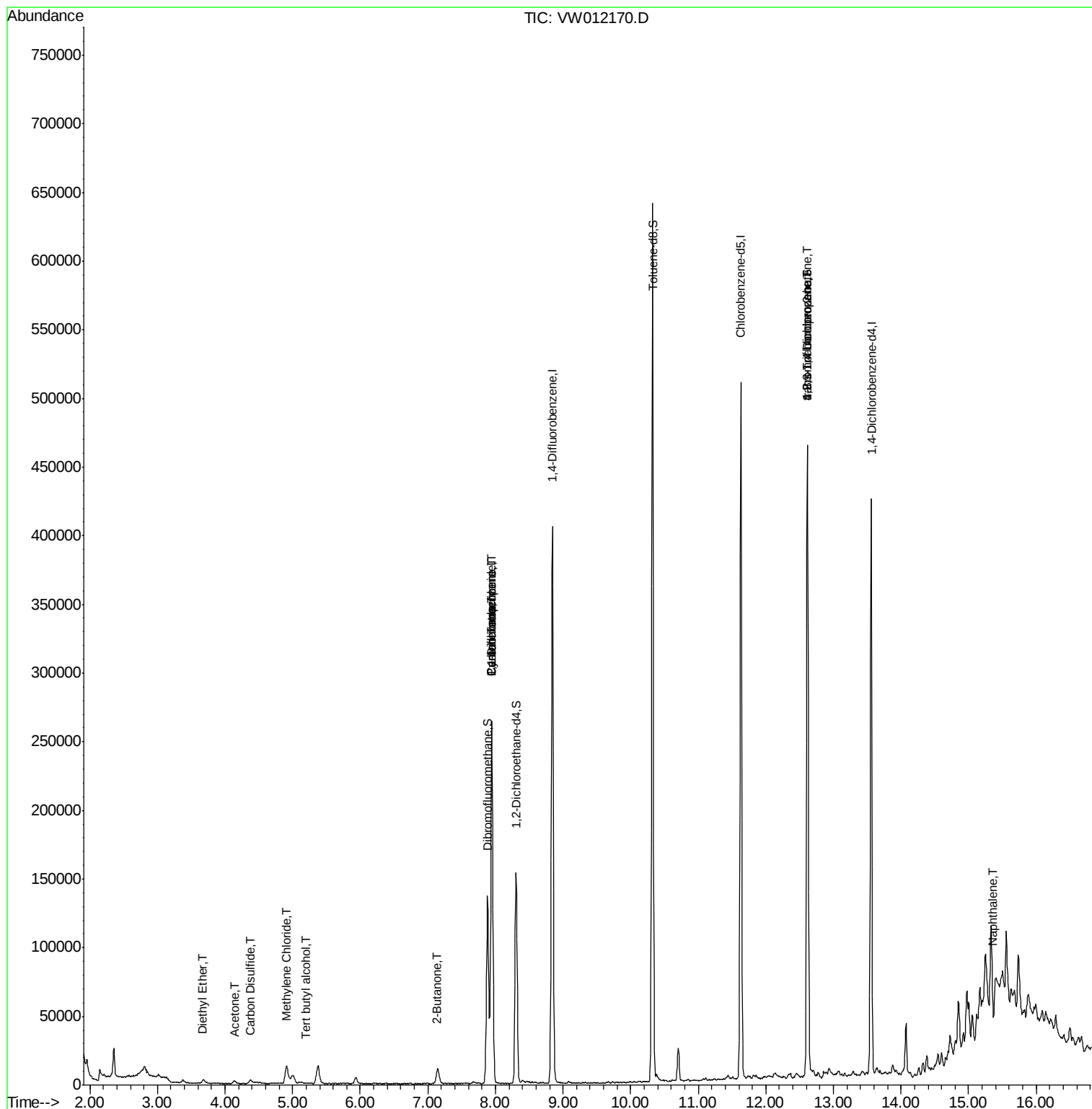
						Qvalue
8) Diethyl Ether	3.68	74	1355	1.283	ug/l	90
11) Tert butyl alcohol	5.20	59	417	3.072	ug/l	95
16) Acetone	4.15	43	2946	5.109	ug/l	90
17) Carbon Disulfide	4.38	76	6255	1.087	ug/l #	91
20) Methylene Chloride	4.91	84	9404	4.314	ug/l	94
25) 2-Butanone	7.15	43	1036	1.322	ug/l #	56
31) Cyclohexane	7.95	56	4885	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16676	5.090	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19389	6.837	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	67331	65.909	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67331	144.508	ug/l #	6
95) Naphthalene	15.36	128	518	4.441	ug/l #	69

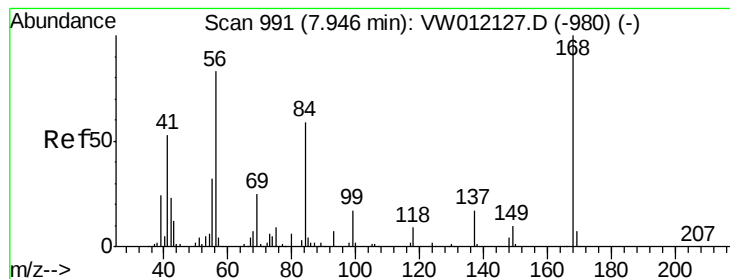
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012170.D
Acq On : 26 Aug 2019 14:14
Operator : SY/VA
Sample : K4524-02
Misc : 4.44G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

Quant Time: Aug 27 04:51:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012170.D

Acq: 26 Aug 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

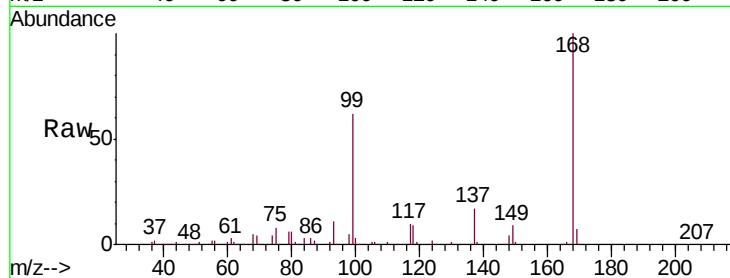
TT-012-IDWSO-20190823

Tgt Ion:168 Resp: 189755

Ion Ratio Lower Upper

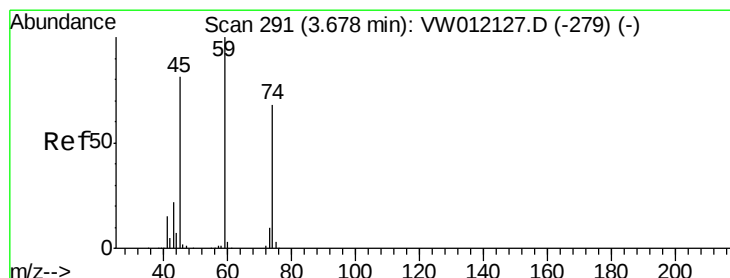
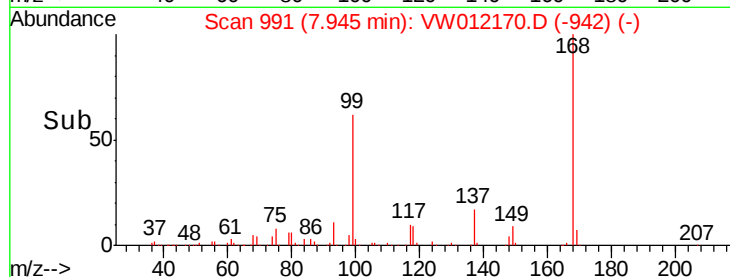
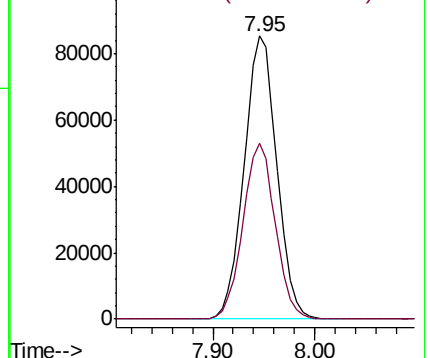
168 100

99 62.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.283 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012170.D

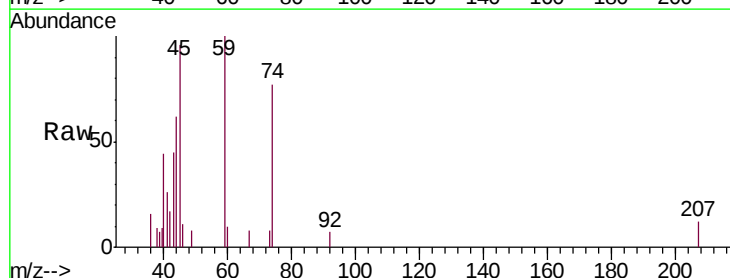
Acq: 26 Aug 2019 14:14

Tgt Ion: 74 Resp: 1355

Ion Ratio Lower Upper

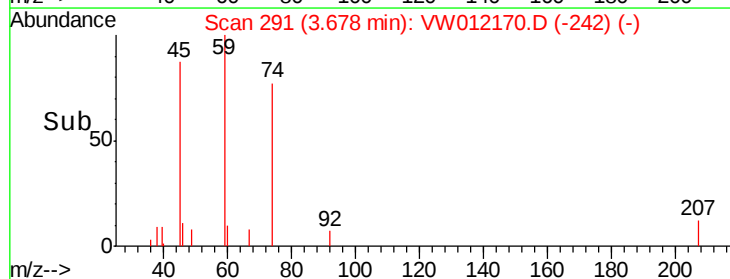
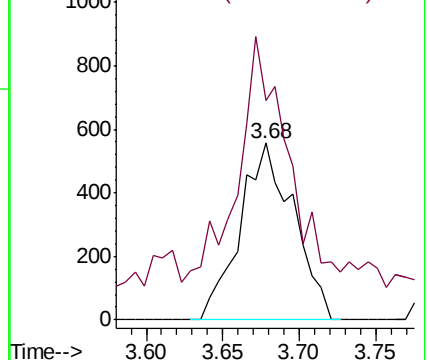
74 100

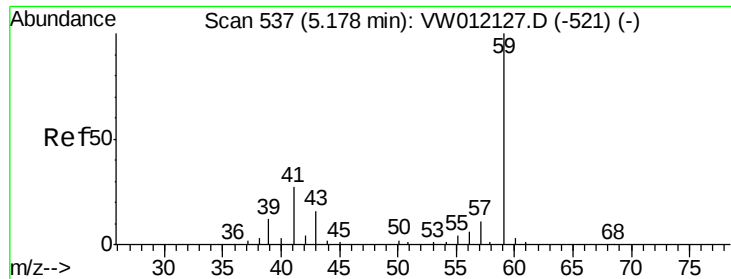
45 129.2 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

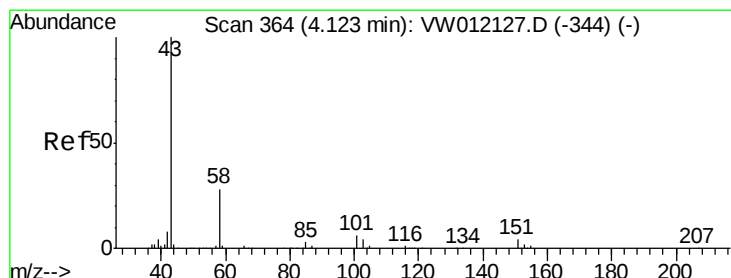
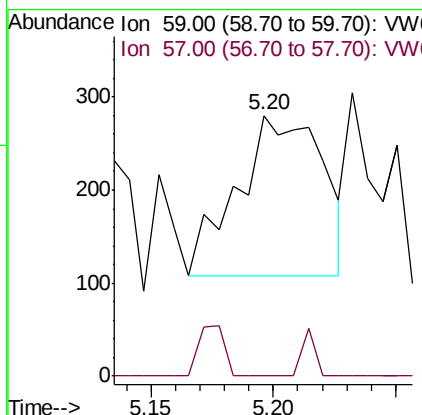
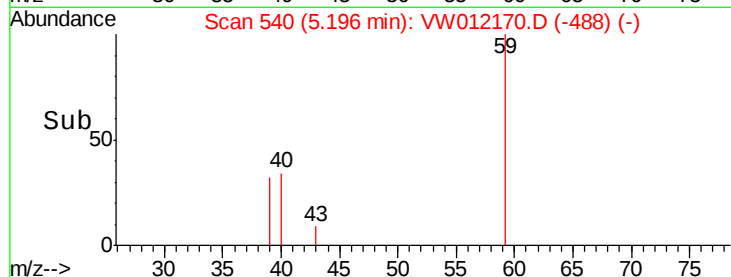
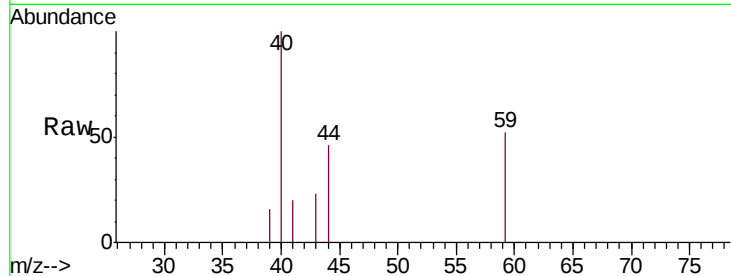




#11
Tert butyl alcohol
Concen: 3.072 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

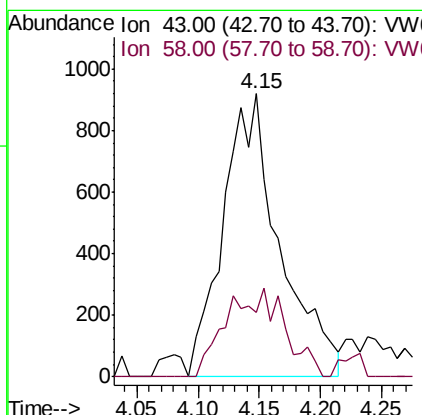
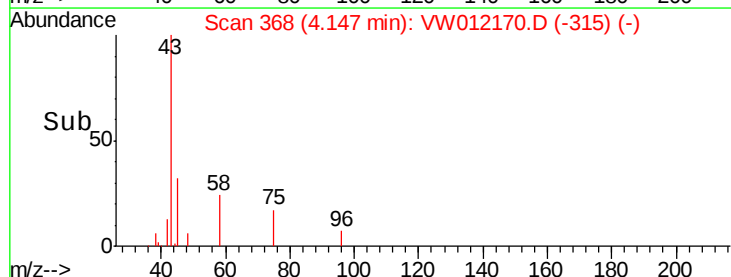
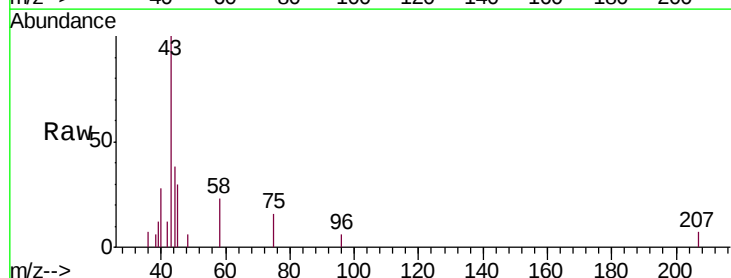
Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

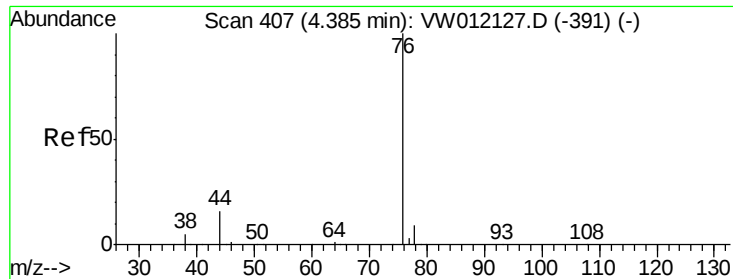
Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 9.4 9.0 13.4



#16
Acetone
Concen: 5.109 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
58 22.7 22.4 33.6





#17

Carbon Disulfide

Concen: 1.087 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012170.D

Acq: 26 Aug 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

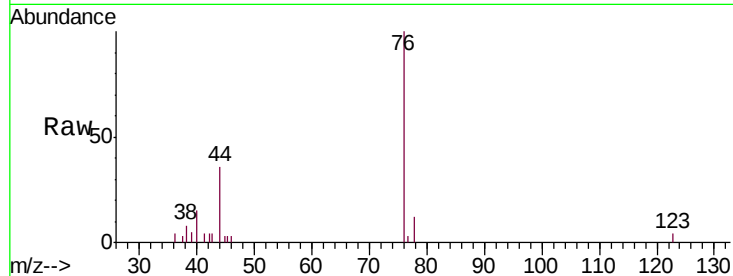
TT-012-IDWSO-20190823

Tgt Ion: 76 Resp: 6255

Ion Ratio Lower Upper

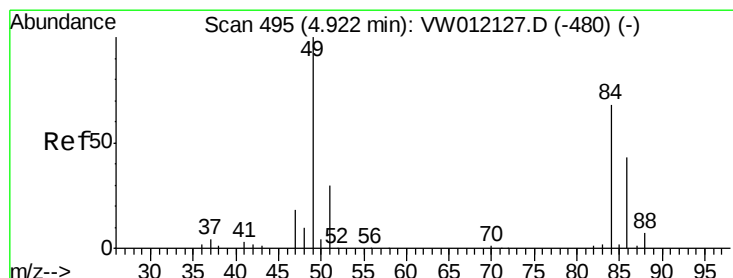
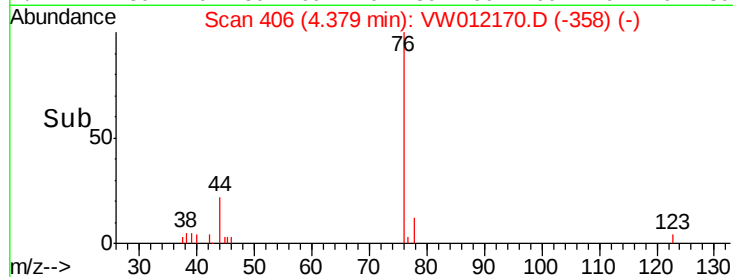
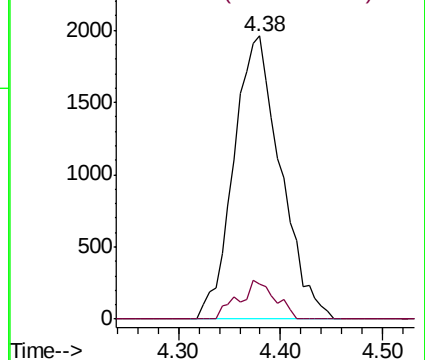
76 100

78 12.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 4.314 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012170.D

Acq: 26 Aug 2019 14:14

Tgt Ion: 84 Resp: 9404

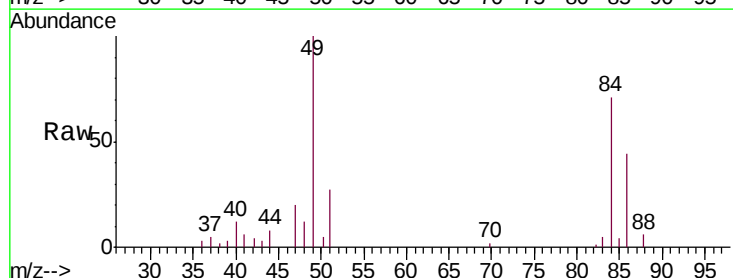
Ion Ratio Lower Upper

84 100

49 140.3 117.8 176.8

51 37.9 35.6 53.4

86 61.9 51.2 76.8

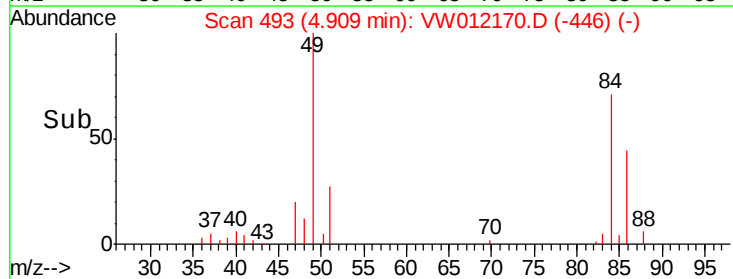
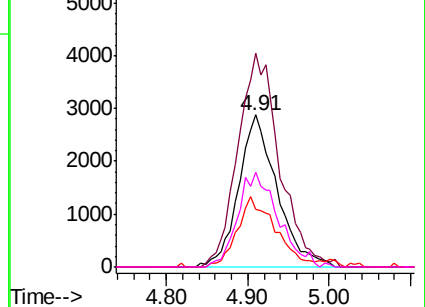


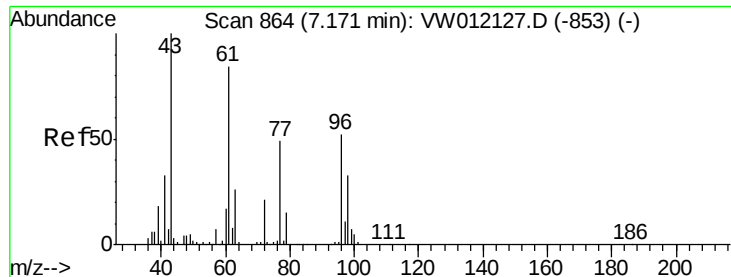
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.322 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW012170.D

Acq: 26 Aug 2019 14:14

Instrument :

MSVOA_W

ClientSampleId :

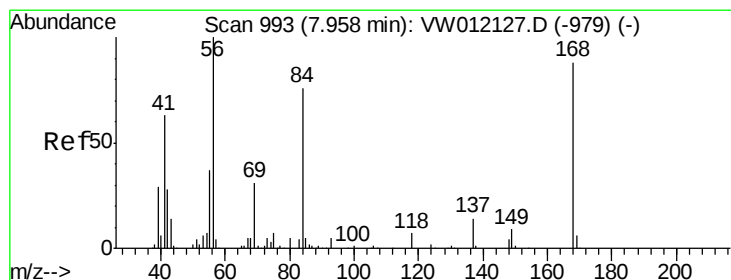
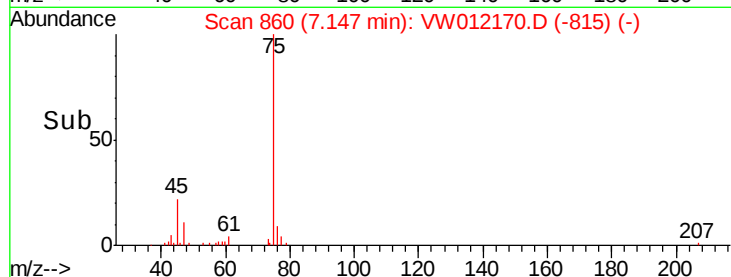
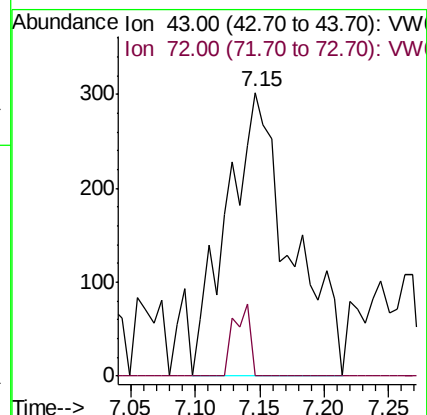
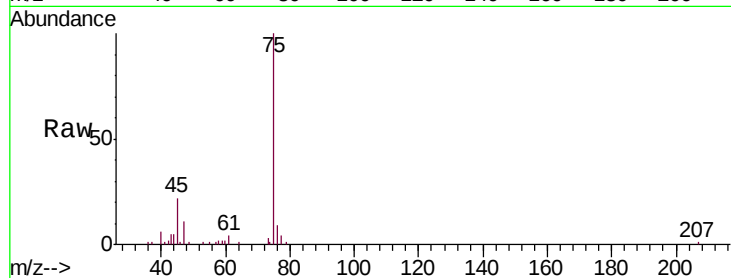
TT-012-IDWSO-20190823

Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

72 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012170.D

Acq: 26 Aug 2019 14:14

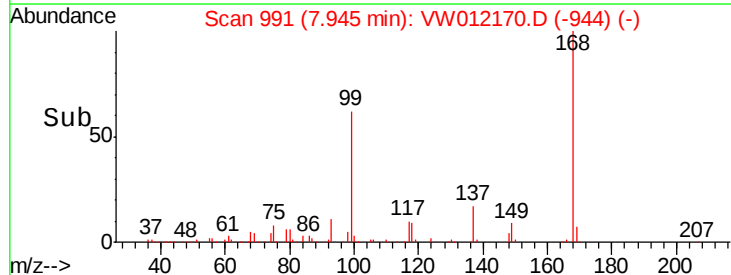
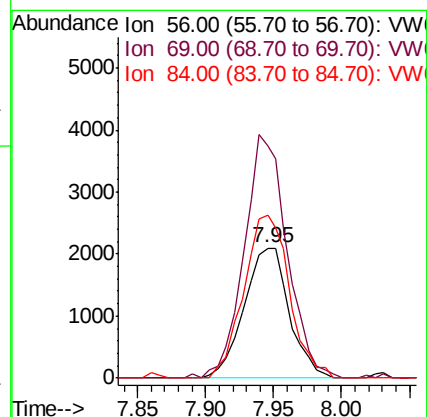
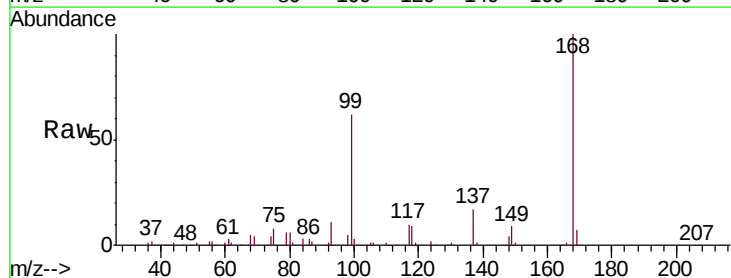
Tgt Ion: 56 Resp: 4885

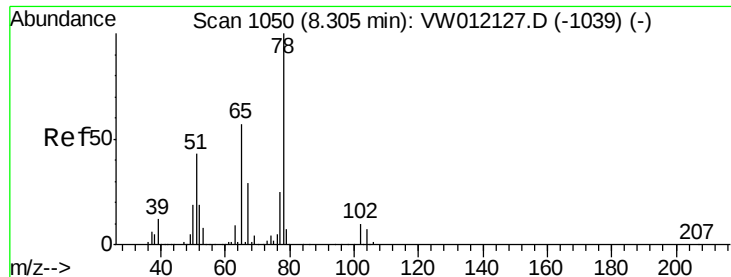
Ion Ratio Lower Upper

56 100

69 178.3 24.9 37.3#

84 124.9 60.6 90.8#

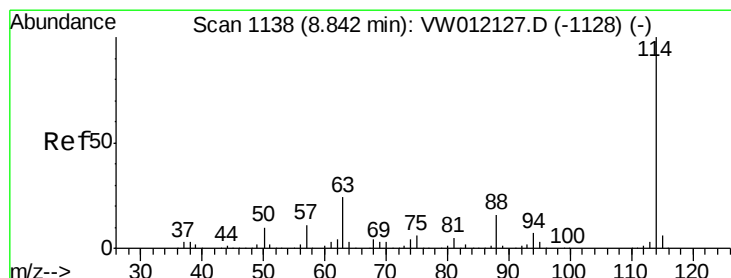
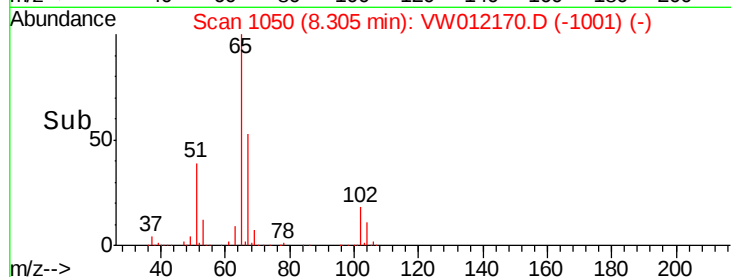
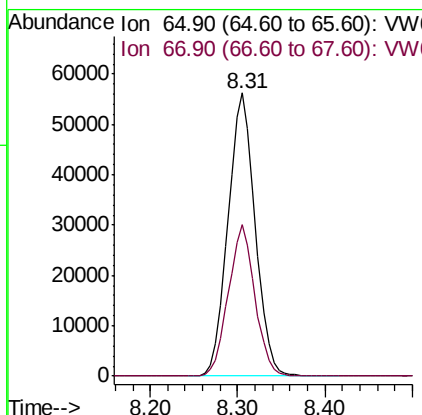
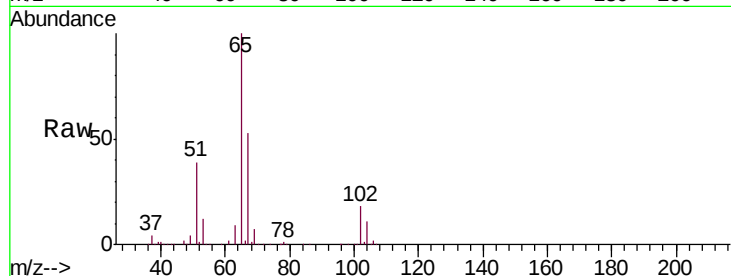




#33
 1,2-Dichloroethane-d4
 Concen: 53.855 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012170.D
 Acq: 26 Aug 2019 14:14

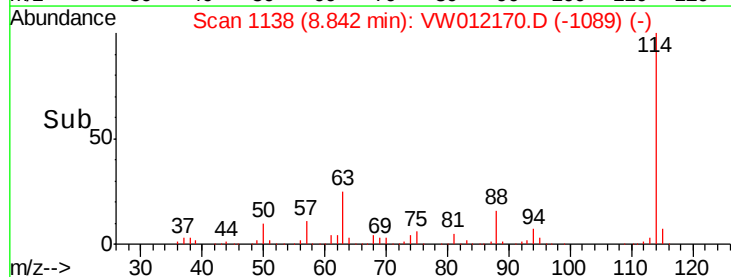
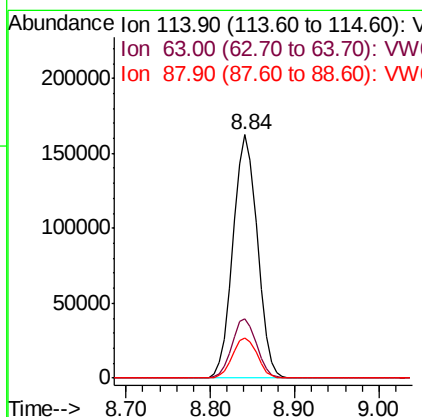
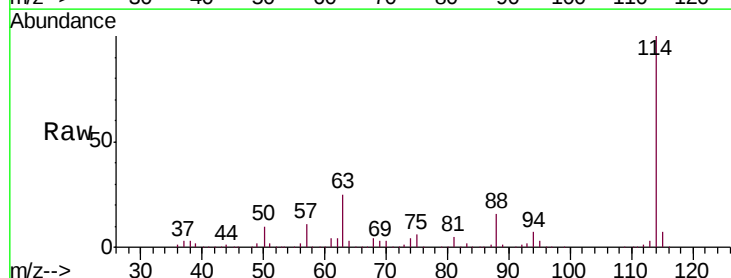
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-012-IDWSO-20190823

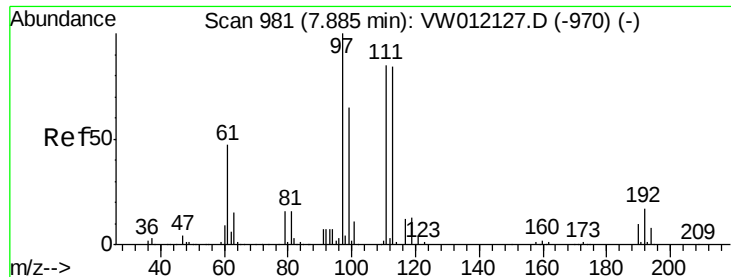
Tgt Ion: 65 Resp: 121481
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012170.D
 Acq: 26 Aug 2019 14:14

Tgt Ion: 114 Resp: 317066
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.4 0.0 32.2

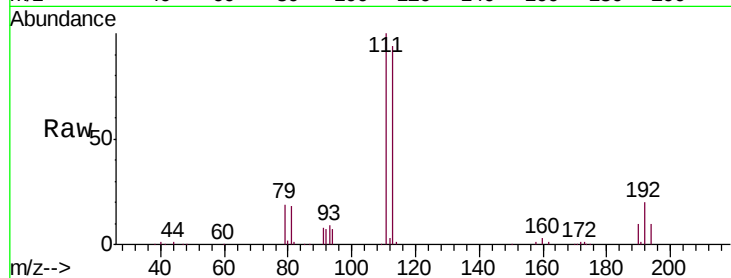




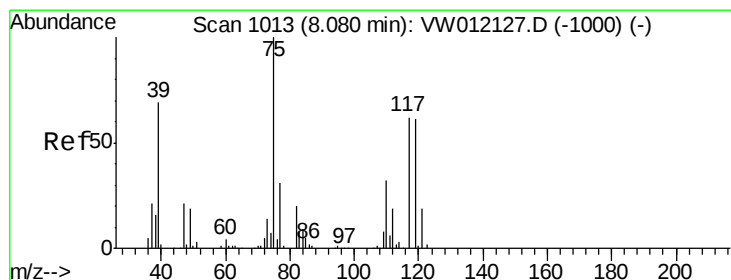
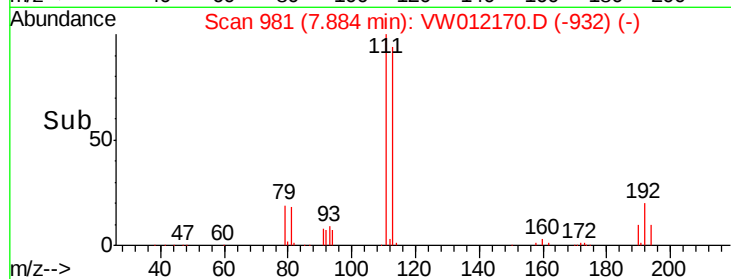
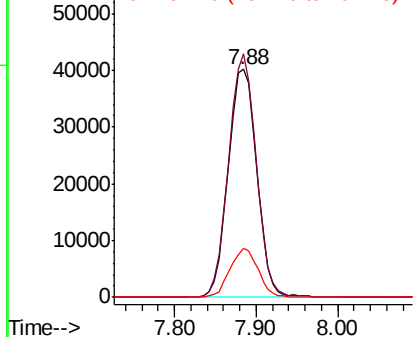
#35
 Dibromofluoromethane
 Concen: 51.298 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012170.D
 Acq: 26 Aug 2019 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-012-IDWSO-20190823

Tgt Ion:113 Resp: 97085
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 21.1 16.2 24.2

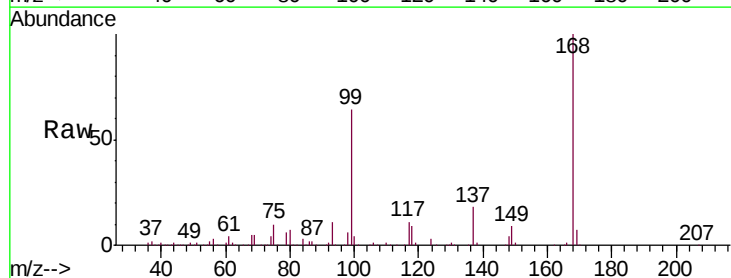


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

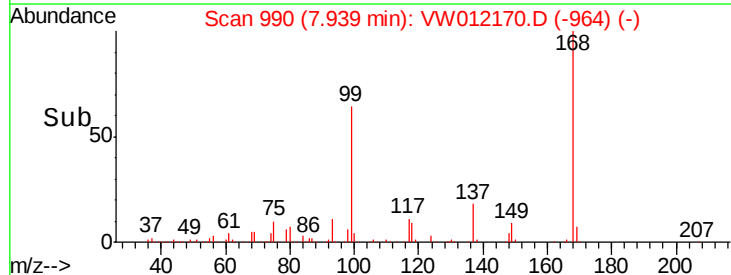
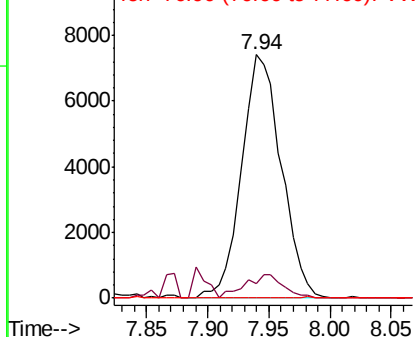


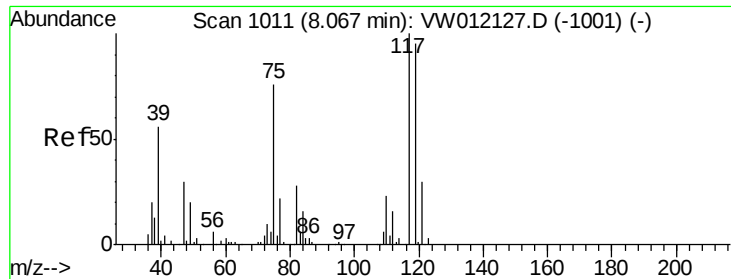
#36
 1,1-Dichloropropene
 Concen: 5.090 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012170.D
 Acq: 26 Aug 2019 14:14

Tgt Ion: 75 Resp: 16676
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.6 46.8#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

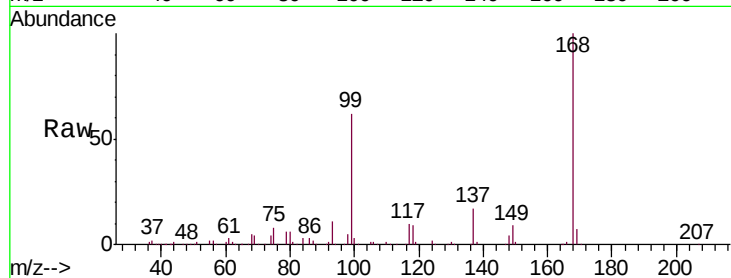




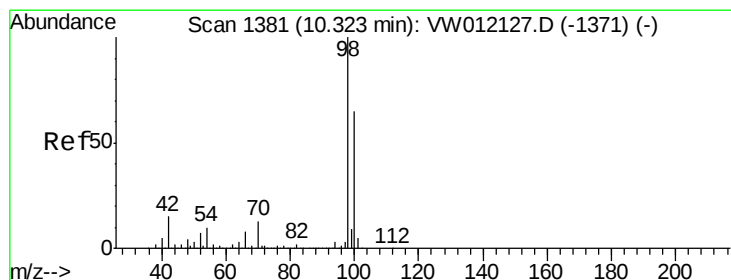
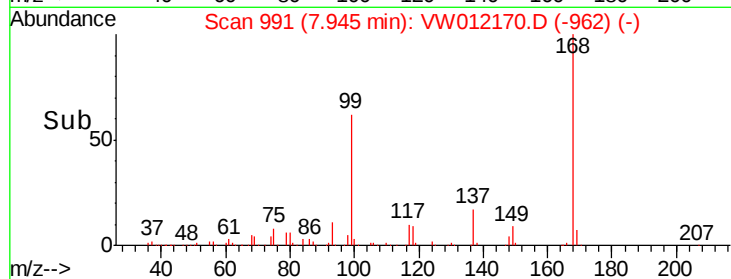
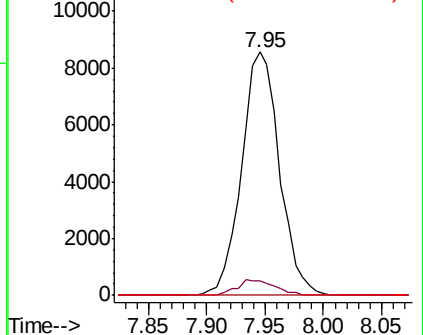
#38
Carbon Tetrachloride
Concen: 6.837 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

Tgt Ion:117 Resp: 19389
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 23.8 35.8#

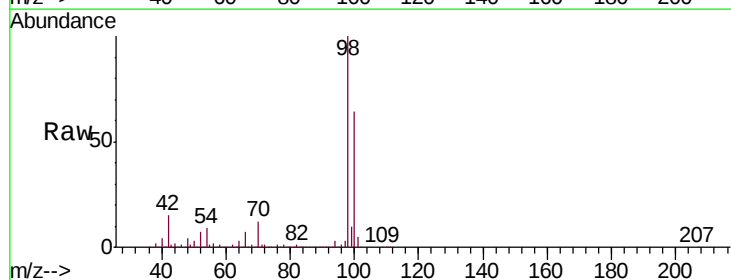


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

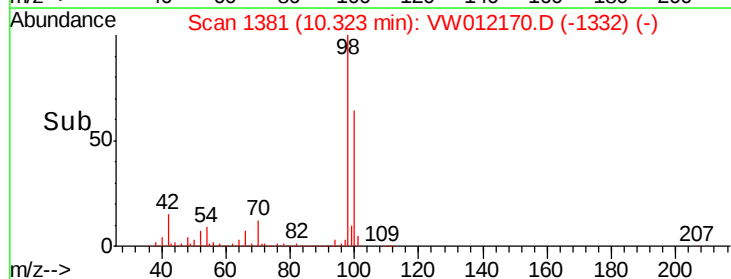
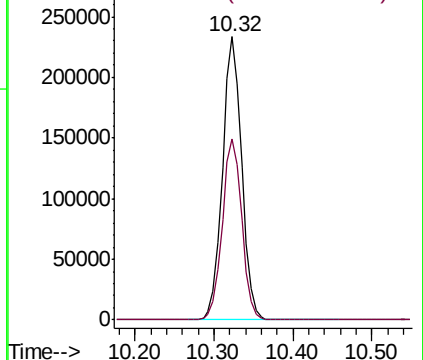


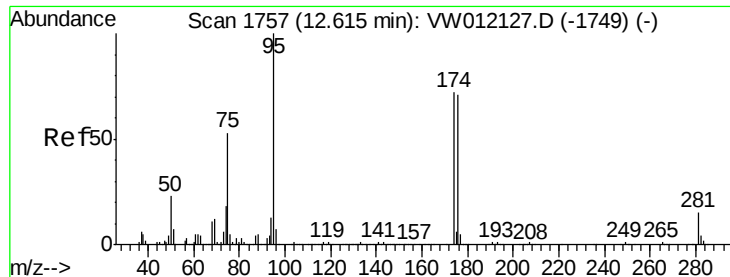
#50
Toluene-d8
Concen: 51.322 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Tgt Ion: 98 Resp: 393834
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

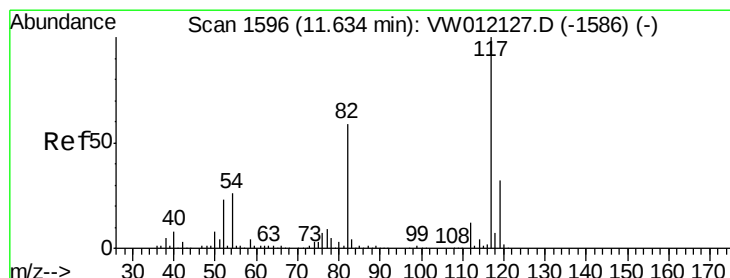
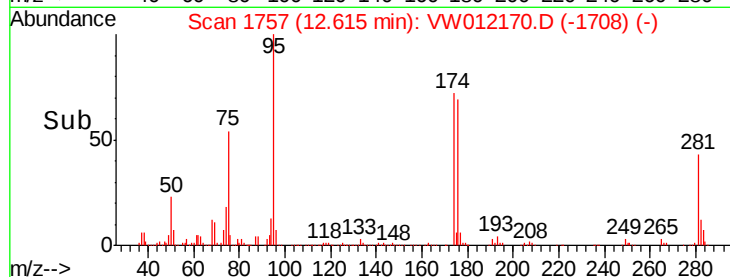
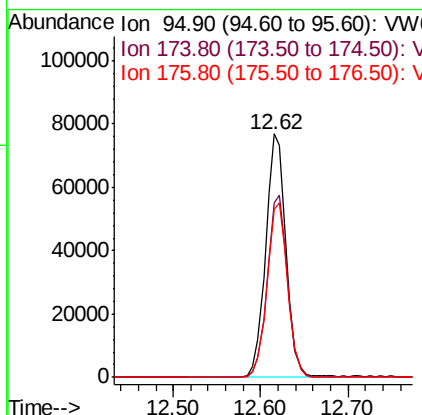
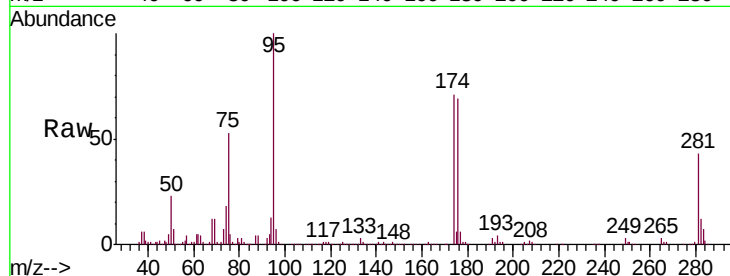




#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

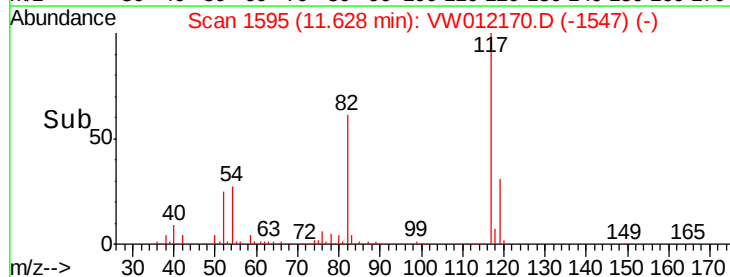
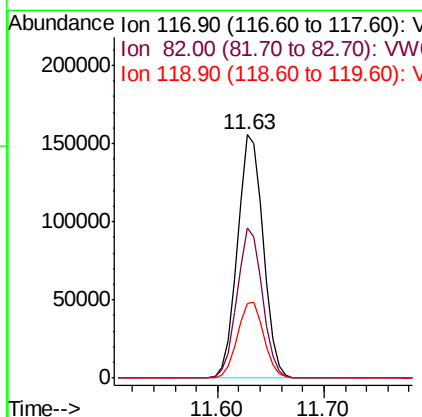
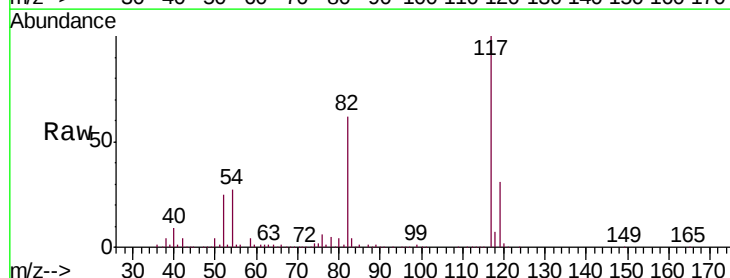
Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

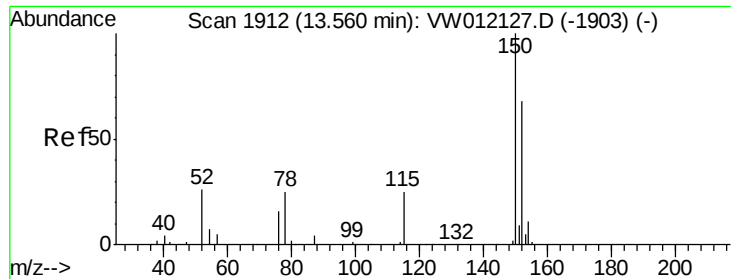
Tgt Ion	Resp	Lower	Upper
95	125168		
174	74.7	0.0	150.8
176	72.4	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Tgt Ion	Resp	Lower	Upper
117	265303		
82	61.5	47.4	71.2
119	30.8	25.4	38.2



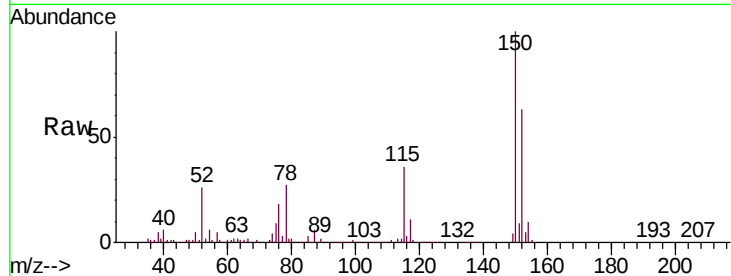


#72

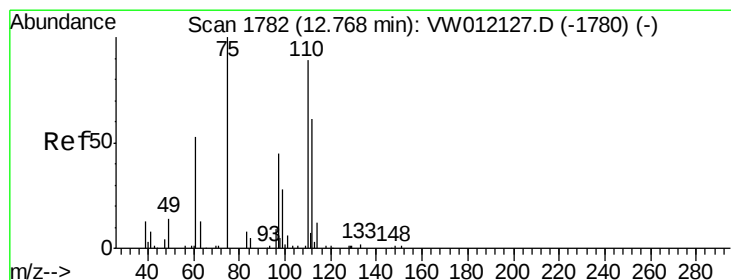
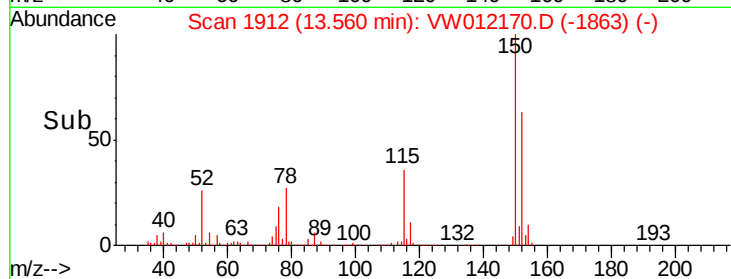
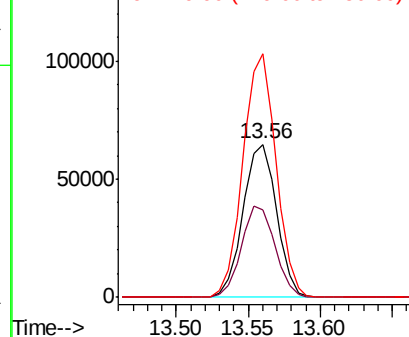
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
TT-012-IDWSO-20190823

Tgt Ion: 152 Resp: 104892
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 156.2 0.0 345.8



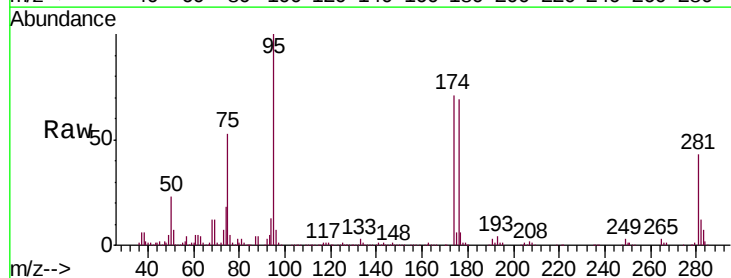
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 65.909 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012170.D
Acq: 26 Aug 2019 14:14

Tgt Ion: 75 Resp: 67331
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

