

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008654.D
 Acq On : 13 Feb 2019 22:24
 Operator : SY/VA
 Sample : K1462-03
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S

Quant Time: Feb 14 04:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	434364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	648225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	573022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	278657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	224675	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	201822	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.32	98	762610	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.62	95	272160	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	

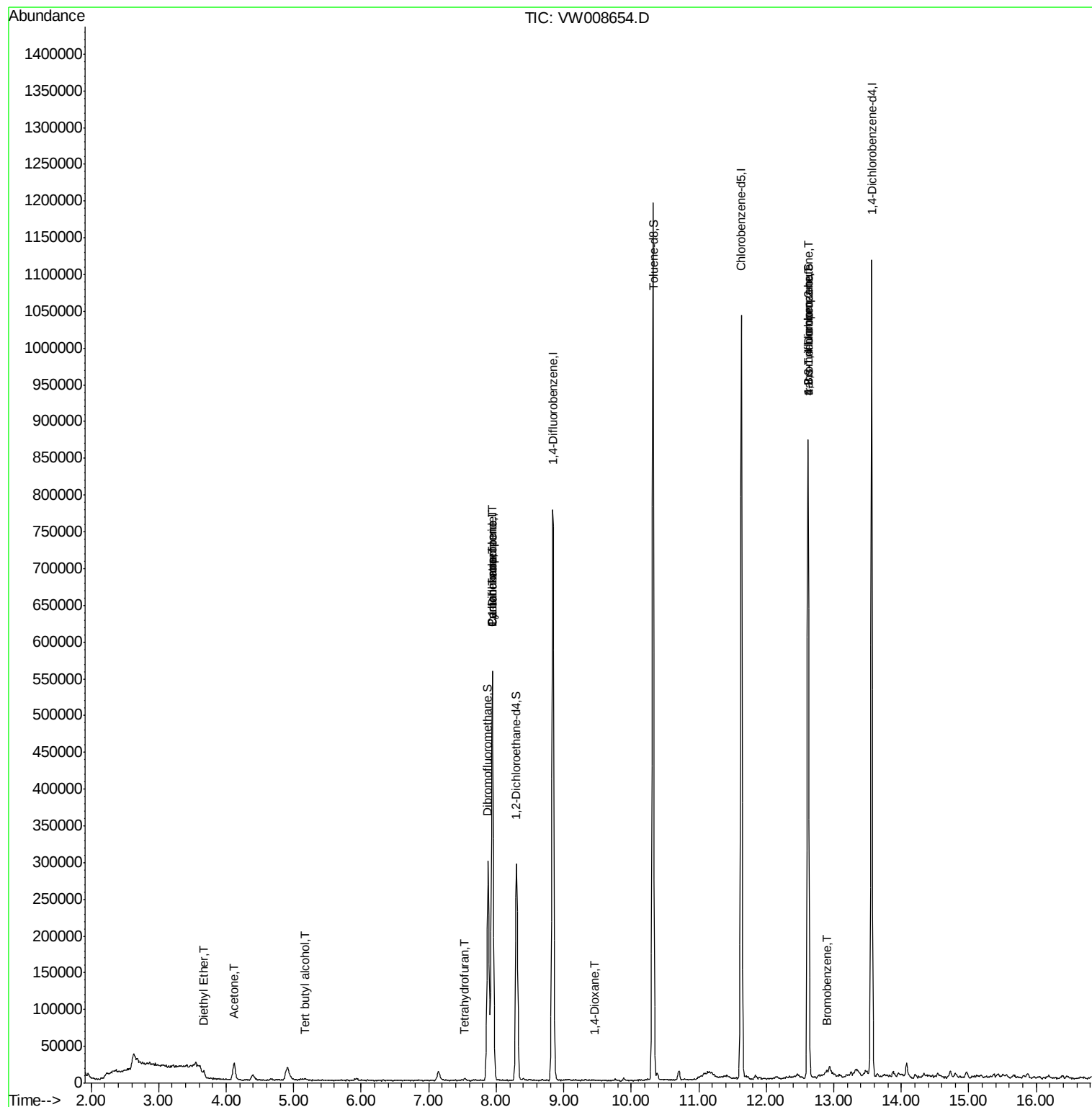
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	4634	1.893	ug/l	89
11) Tert butyl alcohol	5.16	59	2328	6.443	ug/l #	72
16) Acetone	4.12	43	41885	40.760	ug/l #	87
20) Methylene Chloride	4.91	84	15690	Below Cal	#	88
29) Tetrahydrofuran	7.54	42	1258	1.315	ug/l #	65
31) Cyclohexane	7.95	56	9374	1.135	ug/l #	2
36) 1,1-Dichloropropene	7.94	75	32030	4.918	ug/l #	50
38) Carbon Tetrachloride	7.95	117	40603	6.270	ug/l #	17
49) 1,4-Dioxane	9.46	88	100	2.584	ug/l #	24
76) 1,2,3-Trichloropropane	12.62	75	143534	52.164	ug/l #	100
77) Bromobenzene	12.90	156	5496	1.152	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	143534	111.735	ug/l #	6

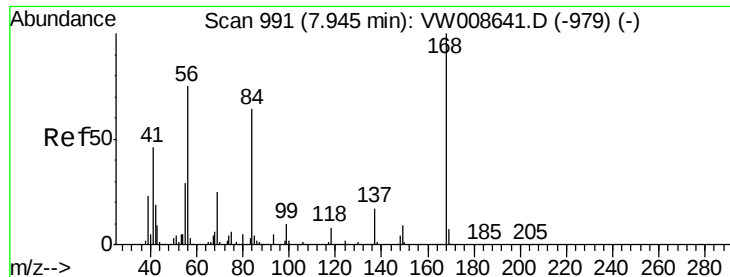
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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Quant Title : SW846 8260
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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: VW008654.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampleId :

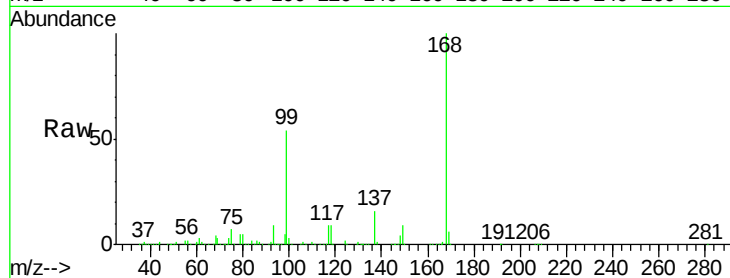
TP-2-S

Tot Ion:168 Resp: 434364

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

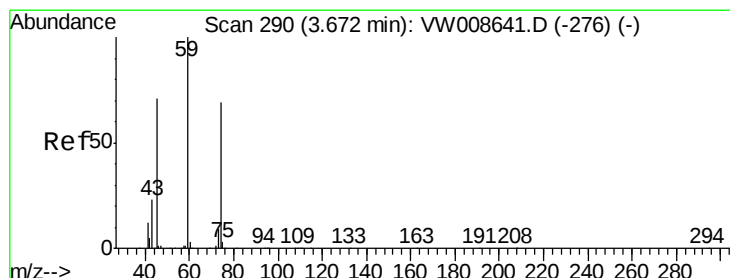
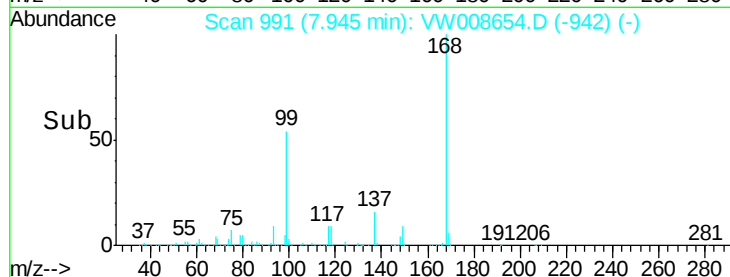
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.893 ug/l

RT: 3.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VW008654.D

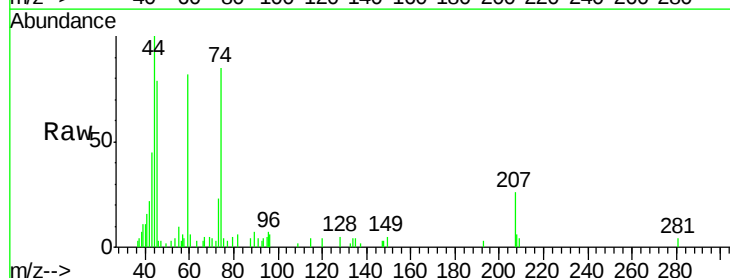
Acq: 13 Feb 2019 22:24

Tgt Ion: 74 Resp: 4634

Ion Ratio Lower Upper

74 100

45 89.5 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

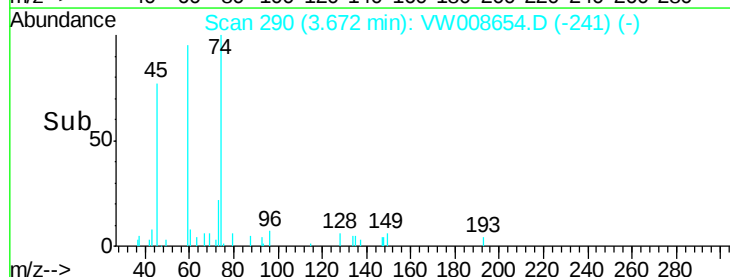
1500

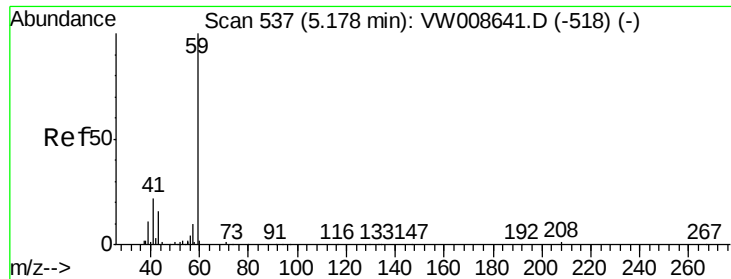
1000

500

0

Time-->



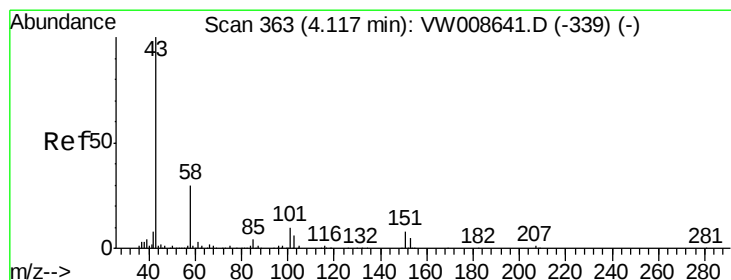
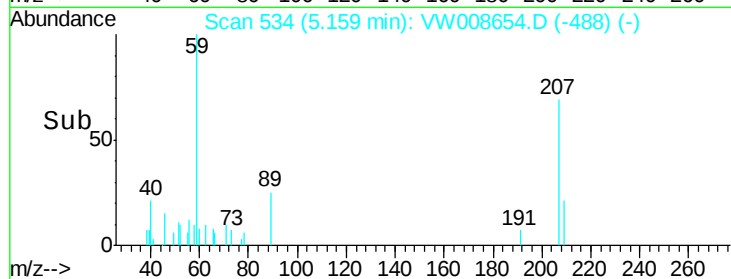
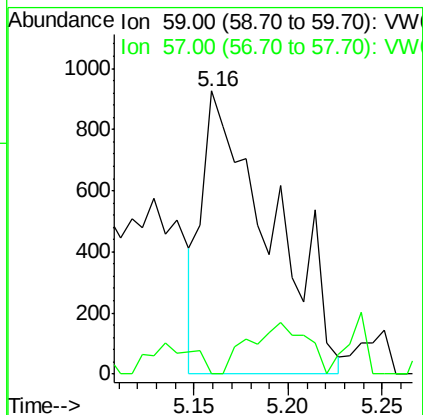
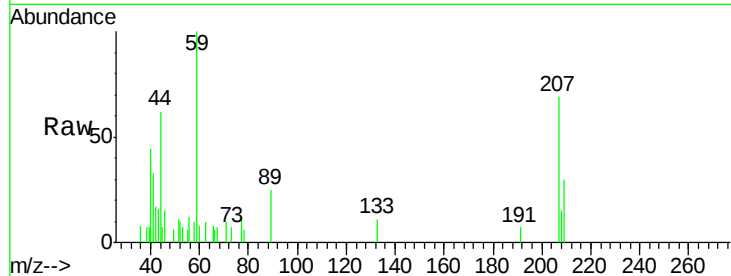


#11

Tert butyl alcohol
Concen: 6.443 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.02 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Instrument :
MSVOA_W
ClientSampled :
TP-2-S

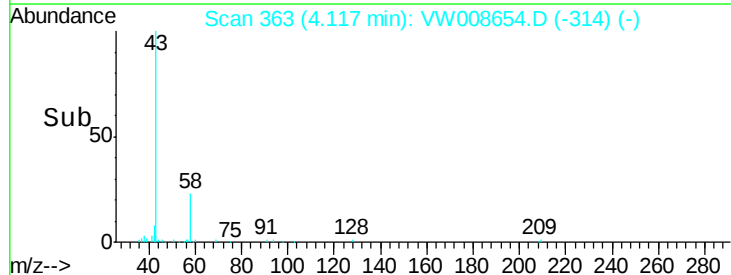
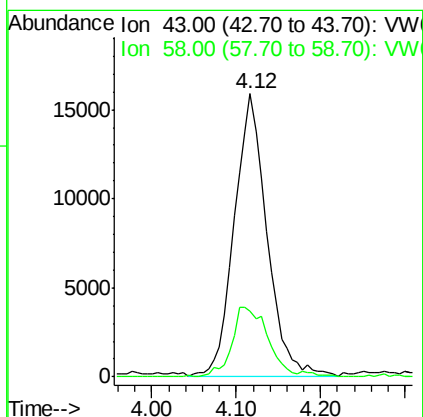
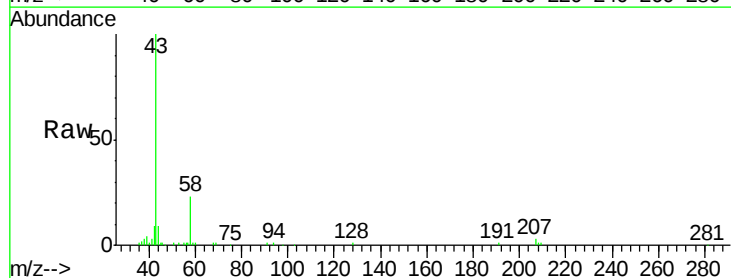
Tot Ion: 59 Resp: 2328
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

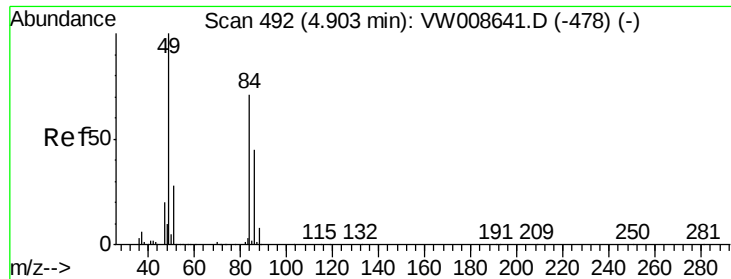


#16

Acetone
Concen: 40.760 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Tgt Ion: 43 Resp: 41885
Ion Ratio Lower Upper
43 100
58 23.2 24.1 36.1#

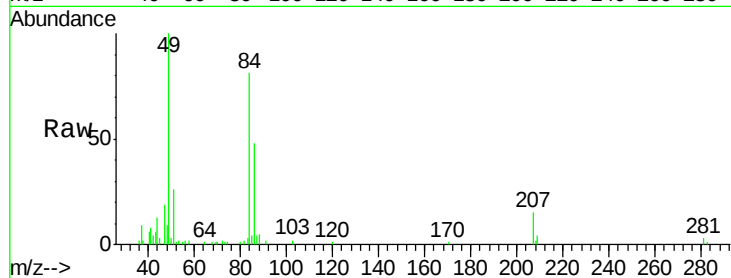




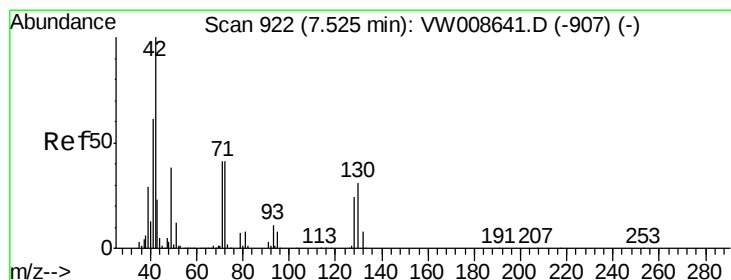
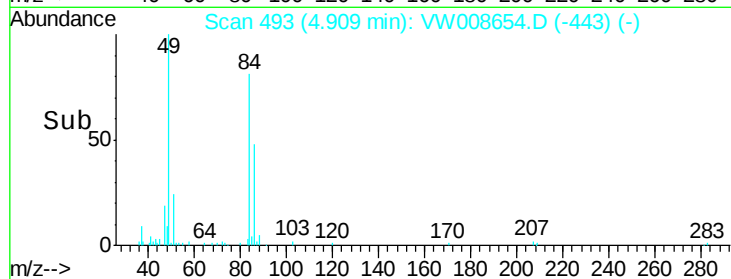
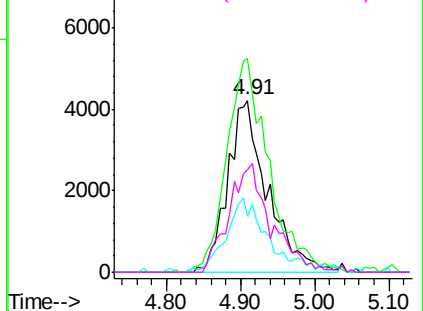
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

Tot Ion: 84 Resp: 15690
Ion Ratio Lower Upper
84 100
49 124.1 113.3 169.9
51 30.9 32.1 48.1#
86 59.9 50.9 76.3

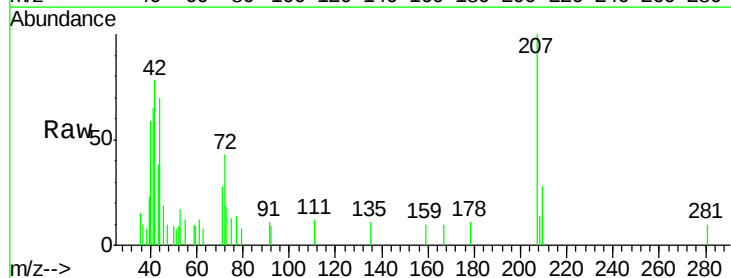


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

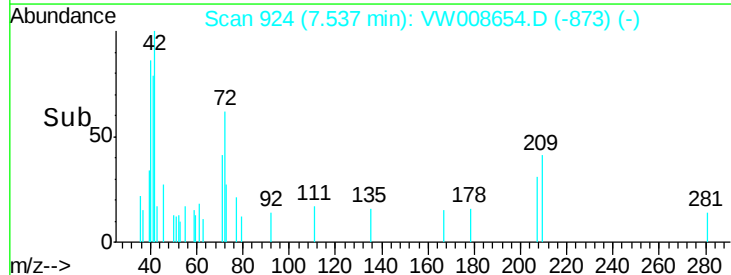
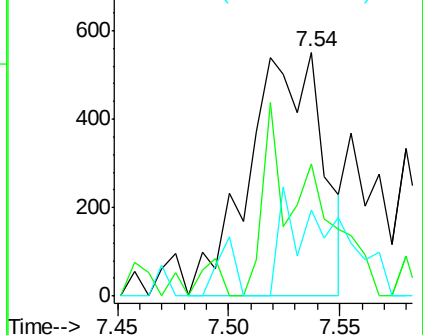


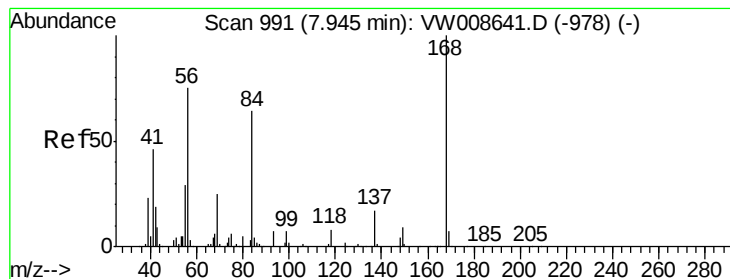
#29
Tetrahydrofuran
Concen: 1.315 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Tgt Ion: 42 Resp: 1258
Ion Ratio Lower Upper
42 100
72 25.7 32.2 48.2#
71 9.8 31.0 46.6#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008654.D

Acq: 13 Feb 2019 22:24

Instrument :
MSVOA_W
ClientSampled :
TP-2-S

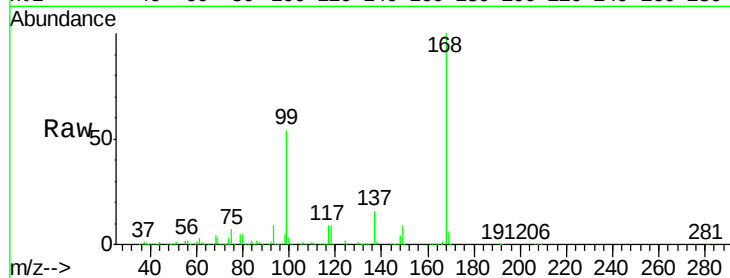
Tot Ion: 56 Resp: 9374

Ion Ratio Lower Upper

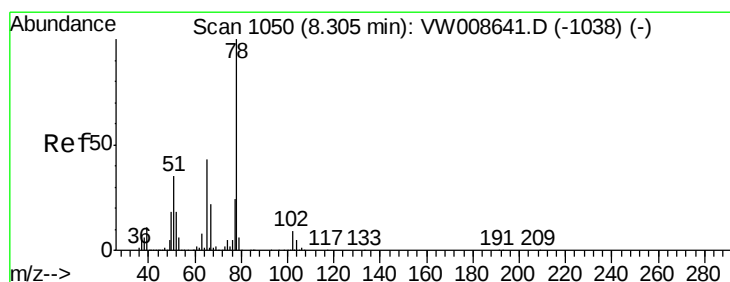
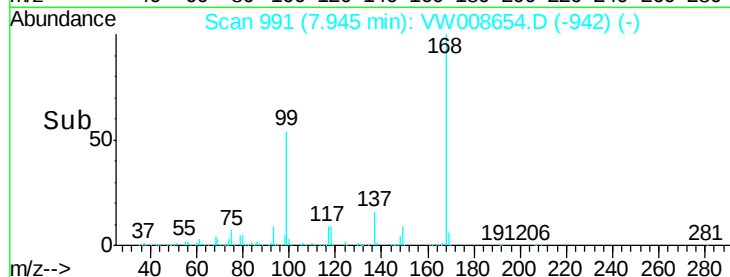
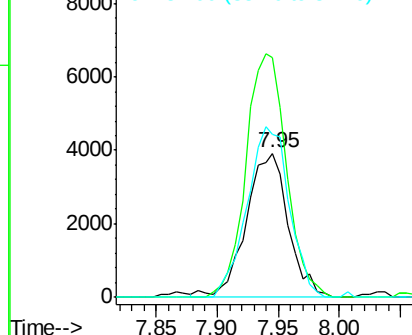
56 100

69 166.5 26.4 39.6#

84 124.6 67.4 101.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.753 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008654.D

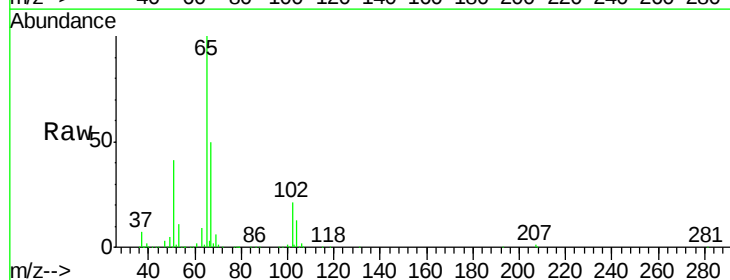
Acq: 13 Feb 2019 22:24

Tgt Ion: 65 Resp: 224675

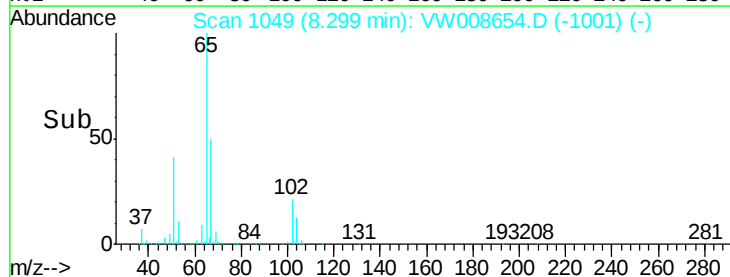
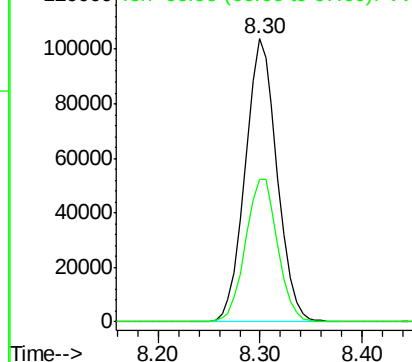
Ion Ratio Lower Upper

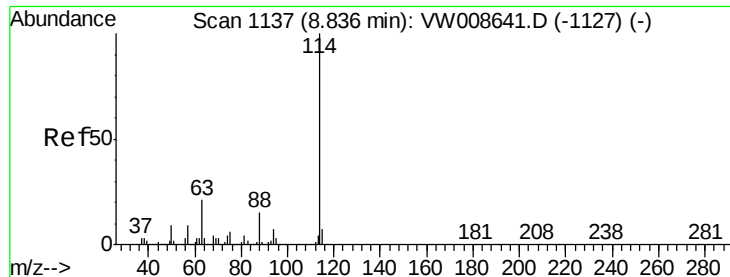
65 100

67 51.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

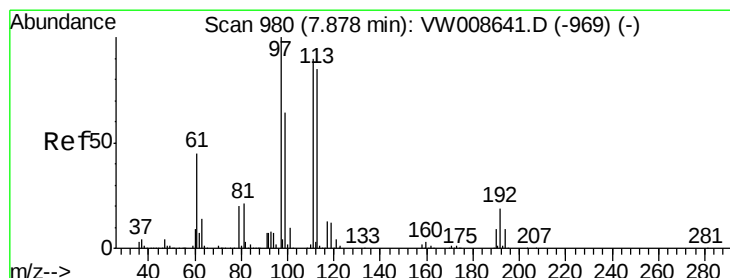
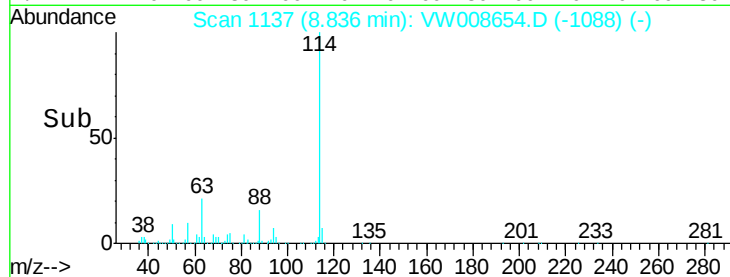
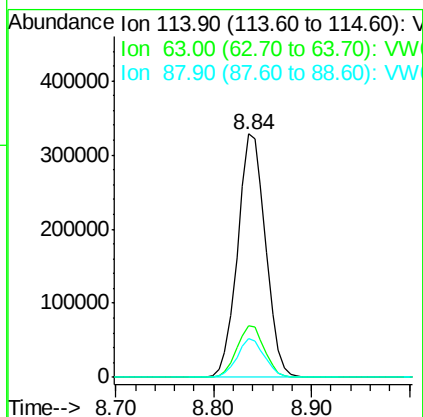
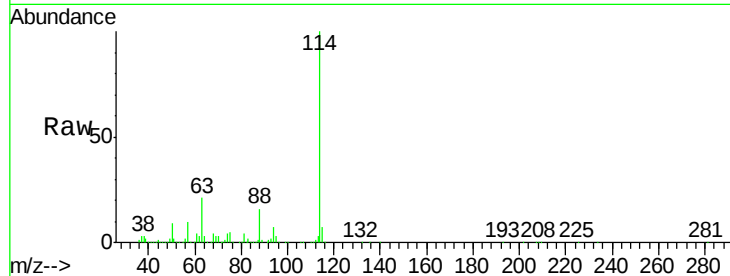




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VW008654.D
 Acq: 13 Feb 2019 22:24

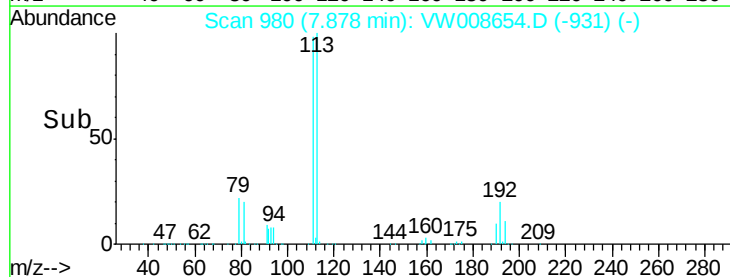
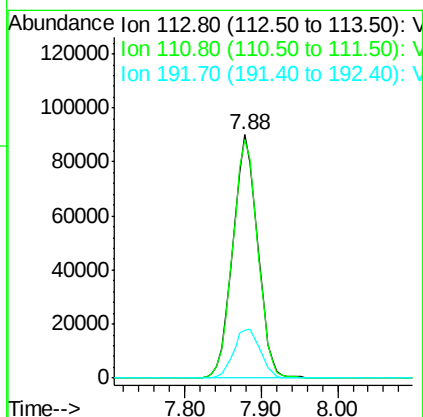
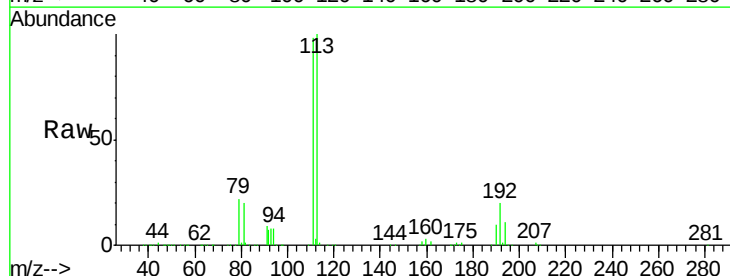
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 TP-2-S

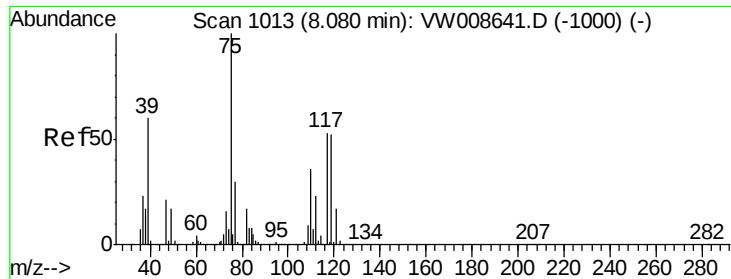
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.2
88	15.7	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.141 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008654.D
 Acq: 13 Feb 2019 22:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	84.0	126.0
192	21.9	17.4	26.2

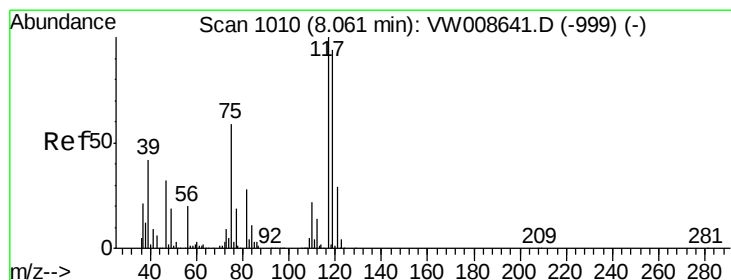
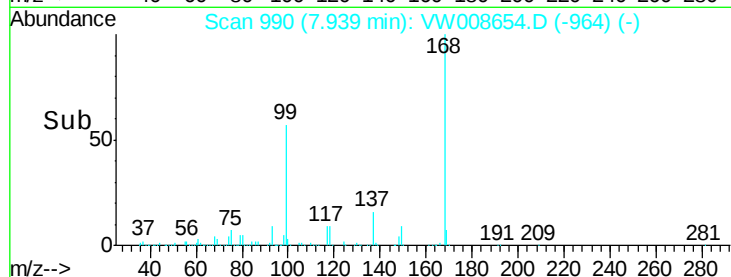
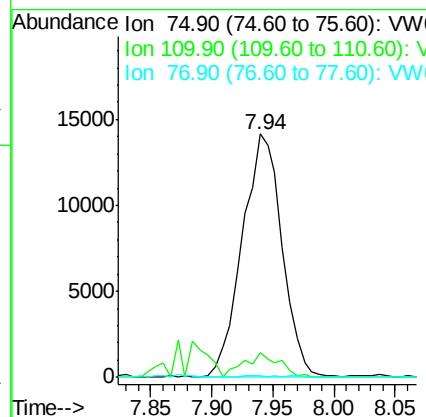
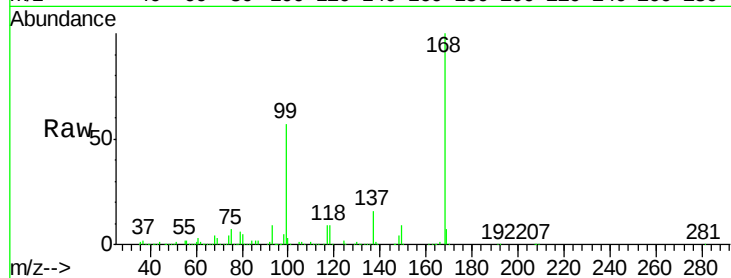




#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008654.D
 Acq: 13 Feb 2019 22:24

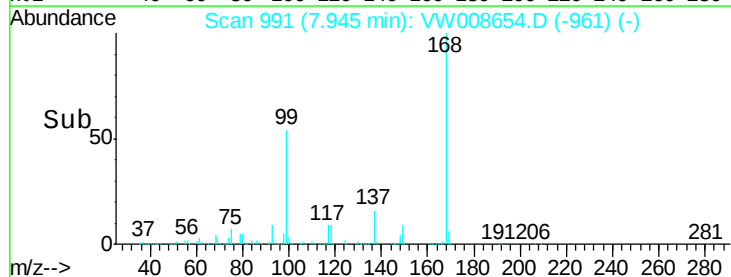
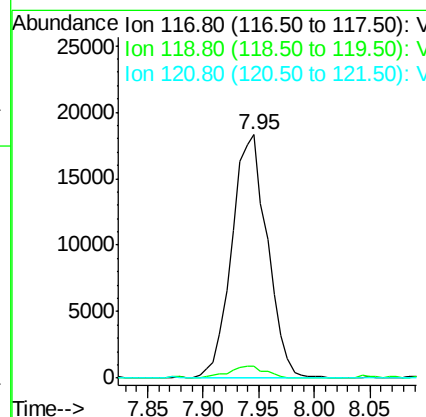
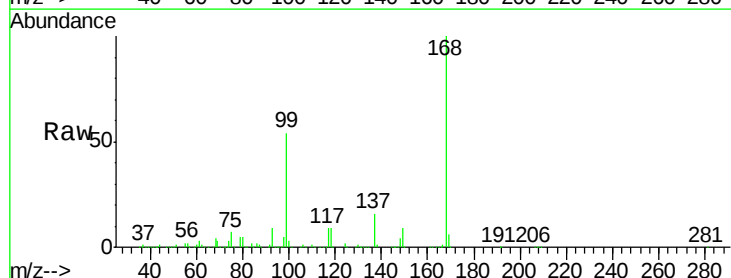
Instrument :
 MSVOA_W
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 TP-2-S

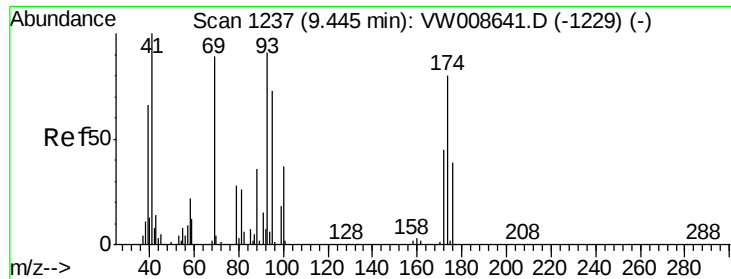
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.3#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.270 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008654.D
 Acq: 13 Feb 2019 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.1	112.7#
121	0.0	23.5	35.3#

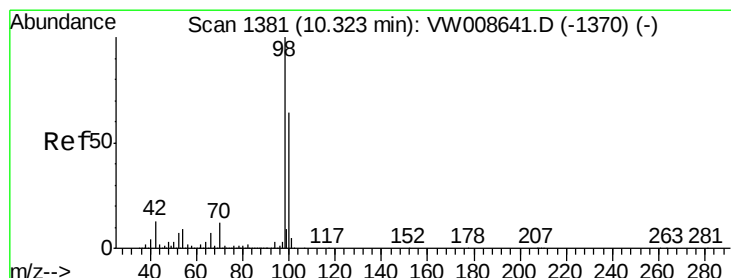
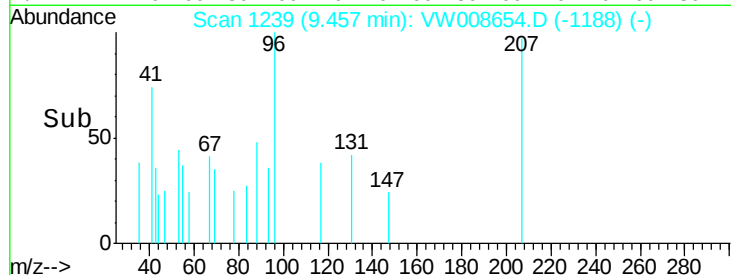
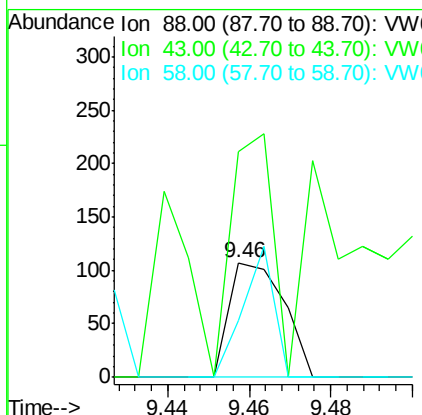
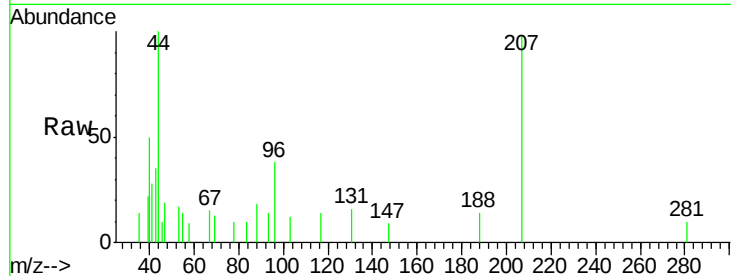




#49
1,4-Dioxane
Concen: 2.584 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

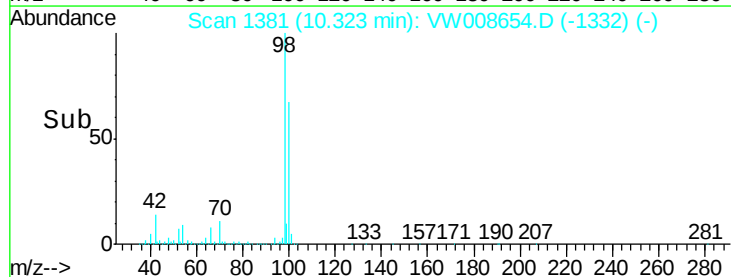
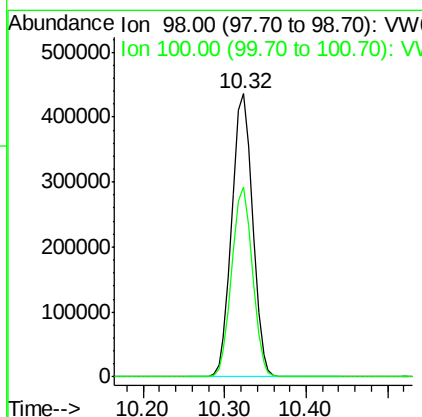
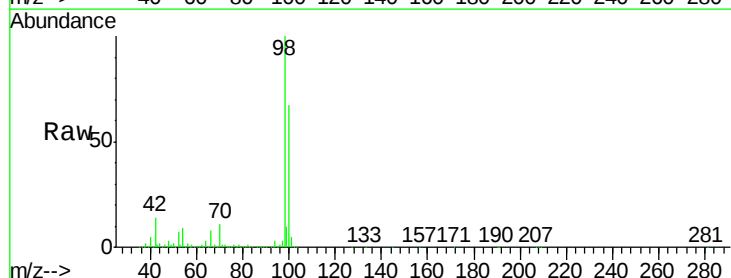
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

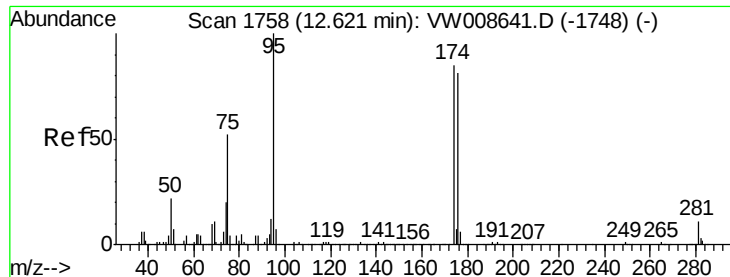
Tot Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 161.0 31.0 46.6#
58 64.0 57.0 85.6



#50
Toluene-d8
Concen: 49.149 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Tgt Ion: 98 Resp: 762610
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.4

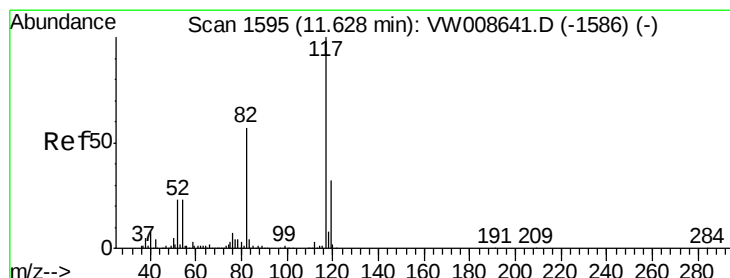
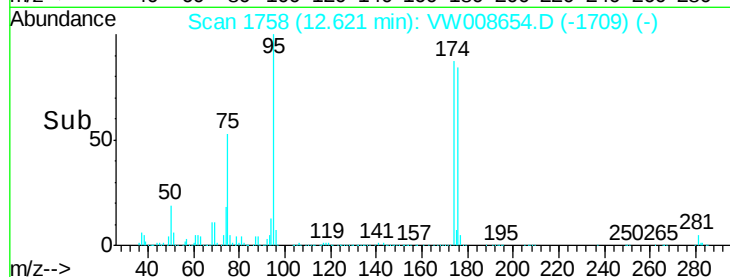
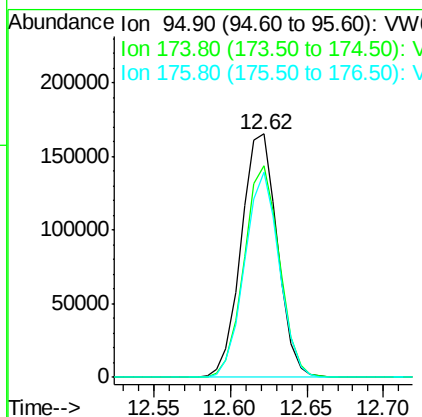
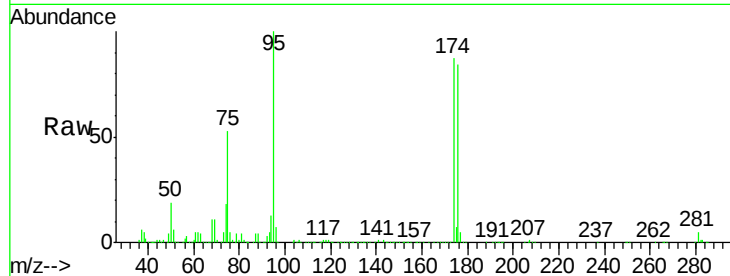




#62
4-Bromofluorobenzene
Concen: 46.568 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

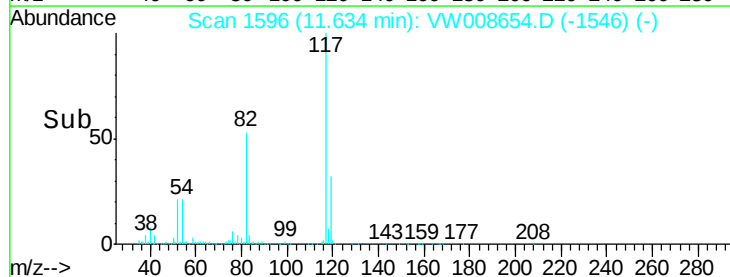
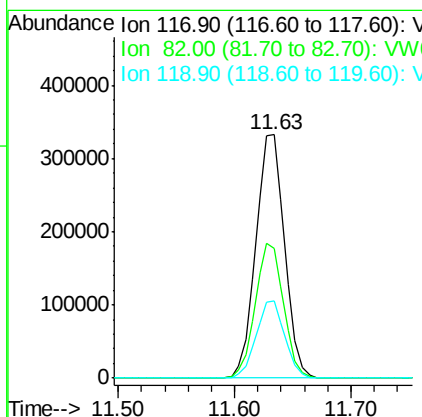
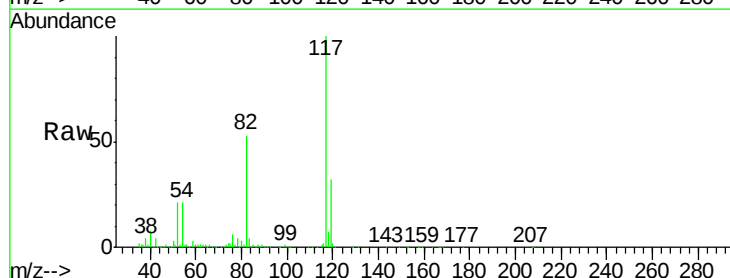
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

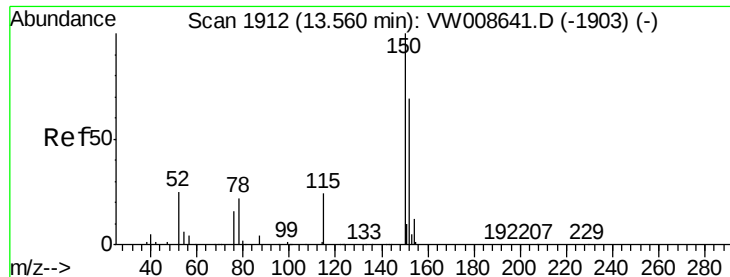
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	163.2
176	80.8	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.6	68.4
119	31.7	25.7	38.5



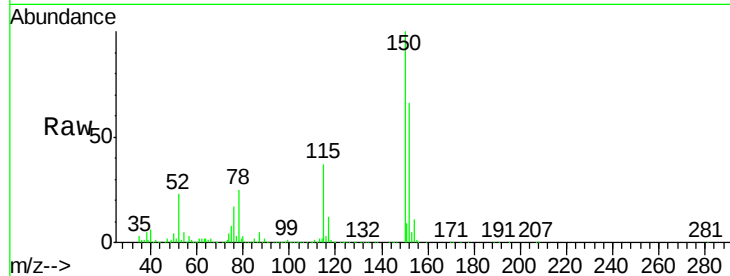


#72

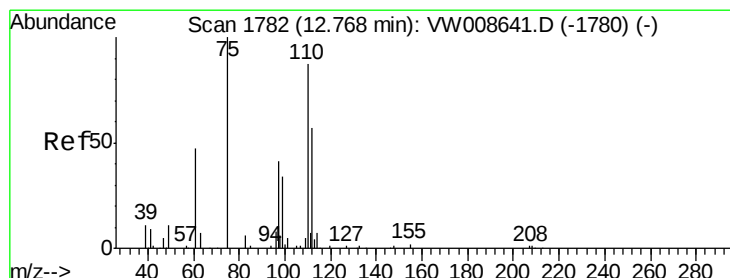
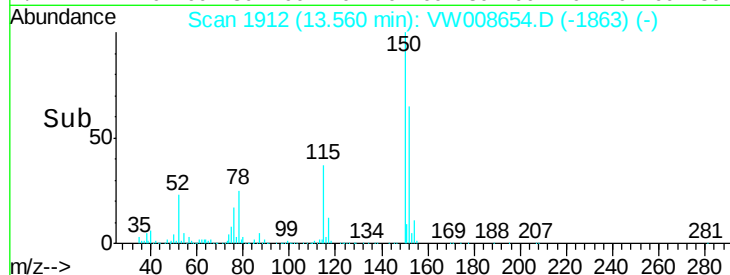
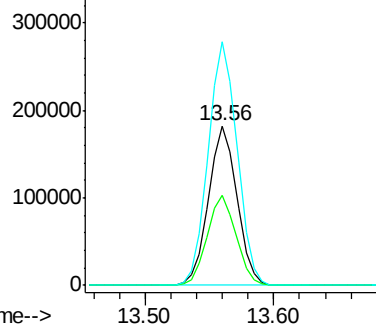
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Instrument :
MSVOA_W
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.3	87.8
150	155.6	0.0	352.8



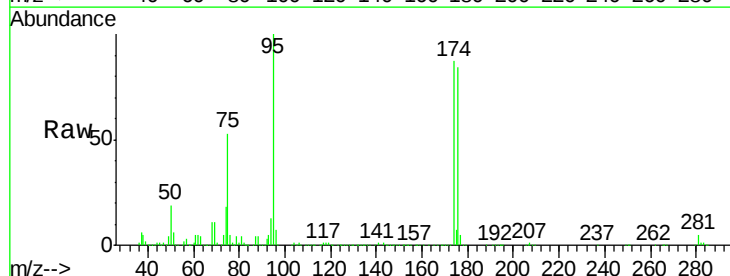
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



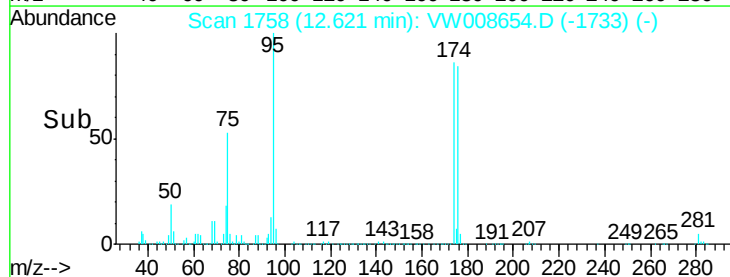
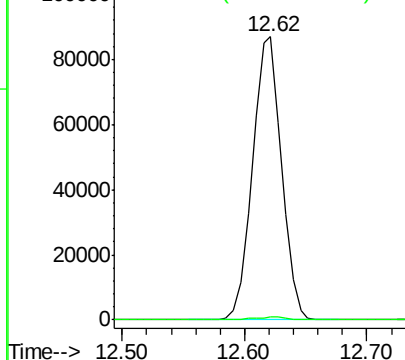
#76

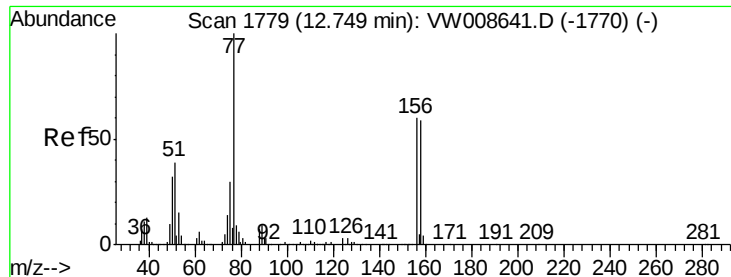
1,2,3-Trichloropropane
Concen: 52.164 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008654.D
Acq: 13 Feb 2019 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



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





#77

Bromobenzene

Concen: 1.152 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.15 min

Lab File: VW008654.D

Acq: 13 Feb 2019 22:24

Instrument :

MSVOA_W

ClientSampled :

TP-2-S

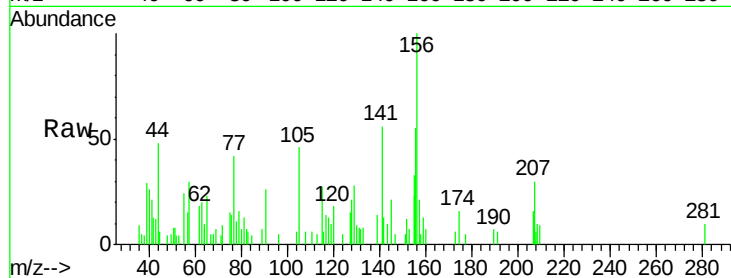
Tot Ion:156 Resp: 5496

Ion Ratio Lower Upper

156 100

77 5.3 93.2 279.5#

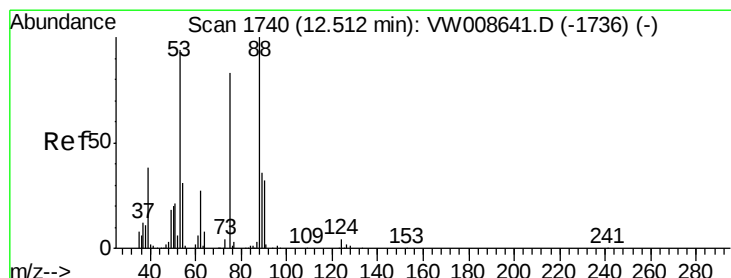
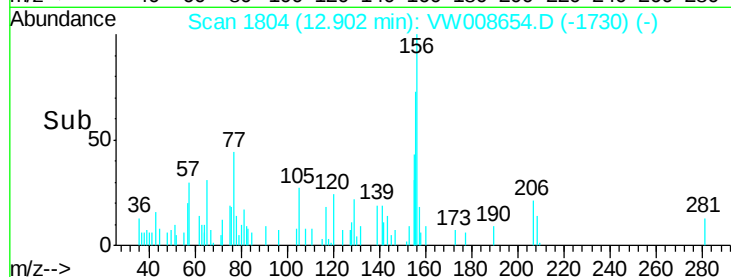
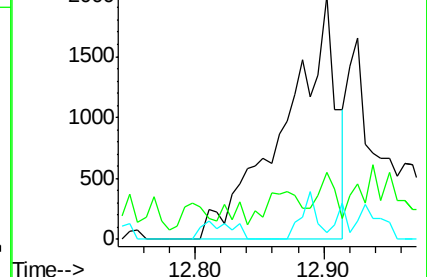
158 3.2 48.5 145.5#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 111.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008654.D

Acq: 13 Feb 2019 22:24

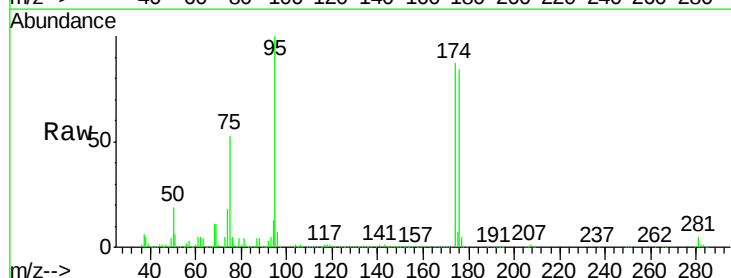
Tgt Ion: 75 Resp: 143534

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.2 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

