

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003853.D
 Acq On : 11 Jul 2018 05:04
 Operator : SY/AP
 Sample : J3908-03
 Misc : 6.14G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S

Quant Time: Jul 11 06:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	64317	33.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.72%	
35) Dibromofluoromethane	7.88	113	57409	31.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.48%	
50) Toluene-d8	10.33	98	169510	24.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	48.22%	
62) 4-Bromofluorobenzene	12.63	95	55324	21.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	43.50%	

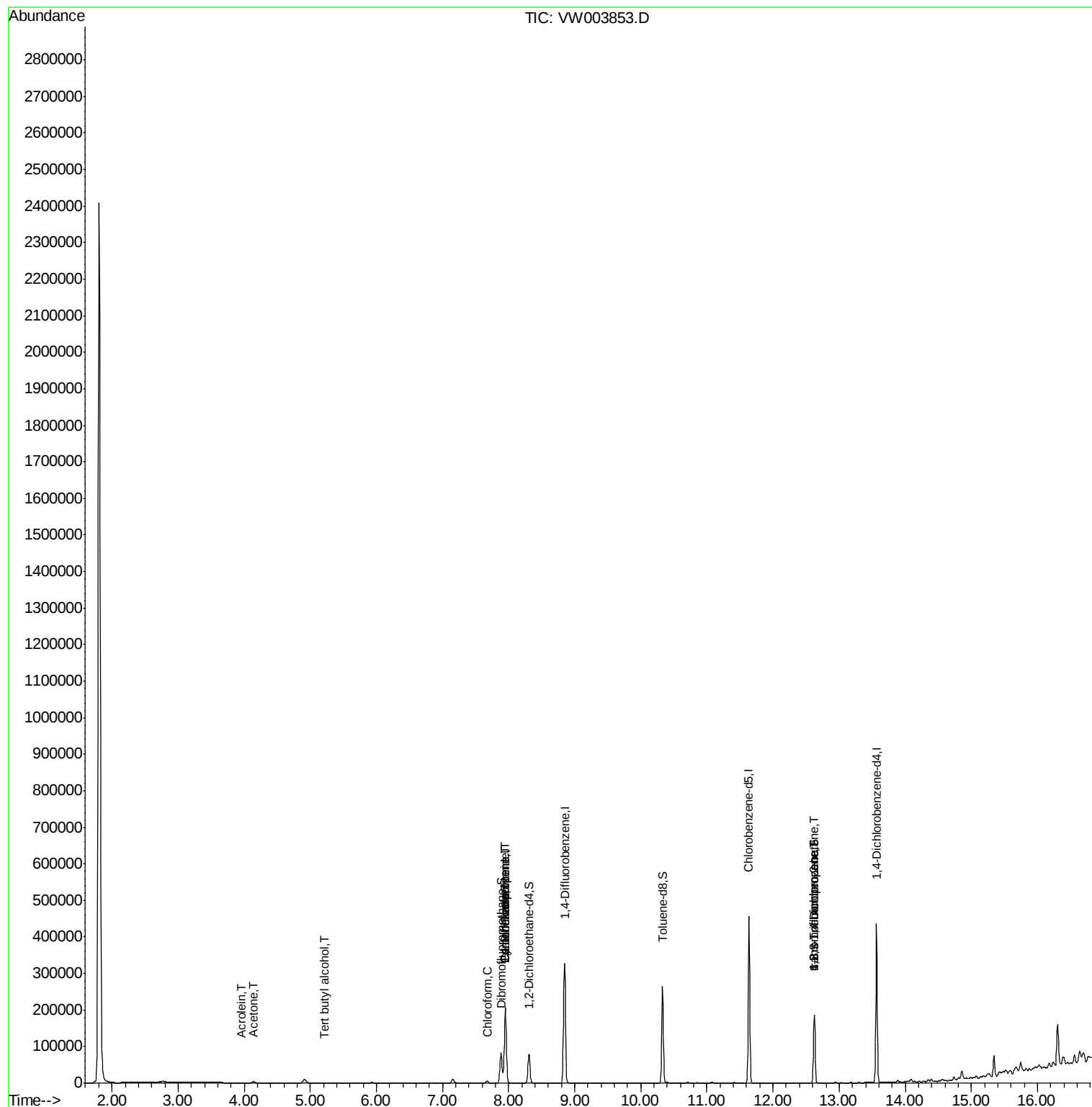
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	110	1.053	ug/l #	70
13) Acrolein	3.95	56	26	4.889	ug/l #	14
16) Acetone	4.14	43	7416	22.171	ug/l	95
30) Chloroform	7.68	83	4222	1.293	ug/l	96
31) Cyclohexane	7.95	56	3922	1.394	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	13028	4.676	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15477	5.843	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	30635	29.742	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30635	72.755	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003853.D
Acq On : 11 Jul 2018 05:04
Operator : SY/AP
Sample : J3908-03
Misc : 6.14G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S

Quant Time: Jul 11 06:55:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003853.D

Acq: 11 Jul 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

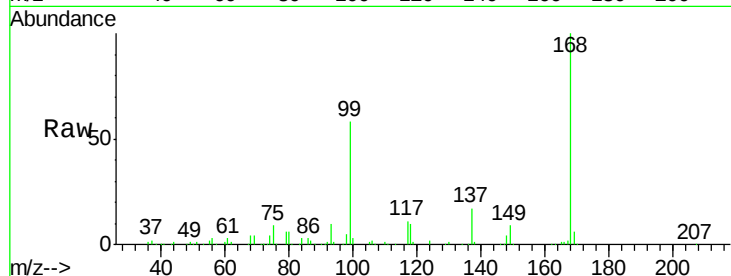
TP-10-S

Tot Ion:168 Resp: 147428

Ion Ratio Lower Upper

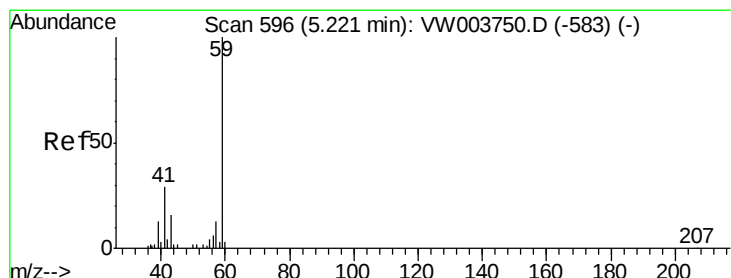
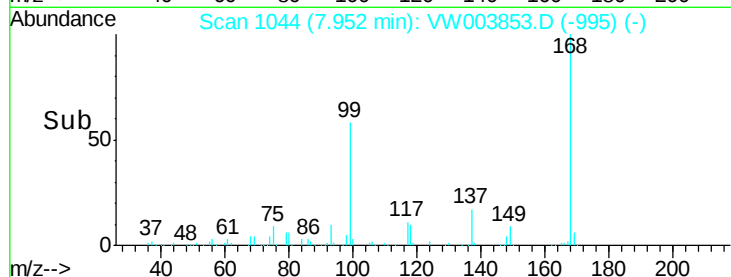
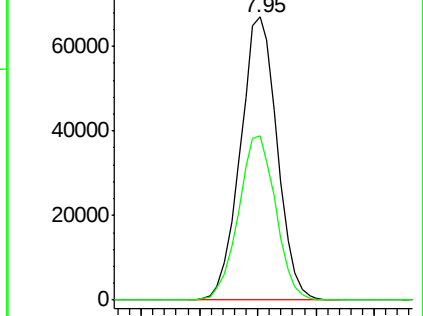
168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.053 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW003853.D

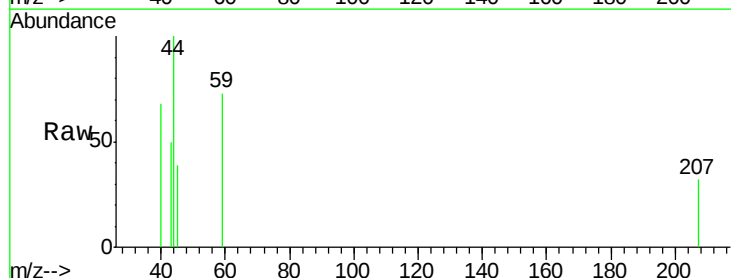
Acq: 11 Jul 2018 05:04

Tgt Ion: 59 Resp: 110

Ion Ratio Lower Upper

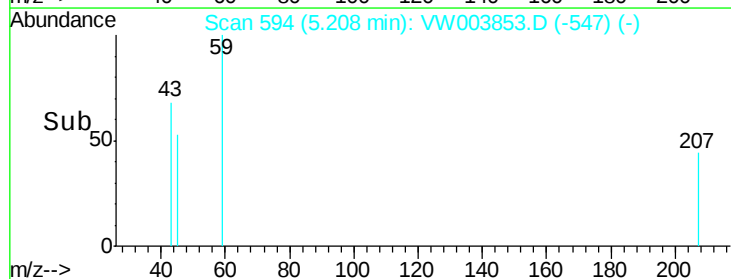
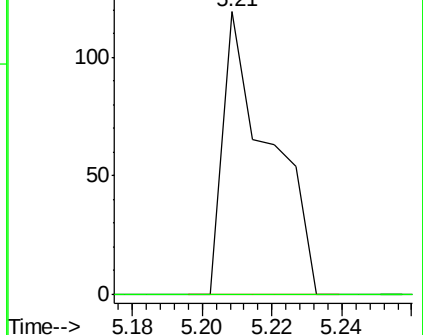
59 100

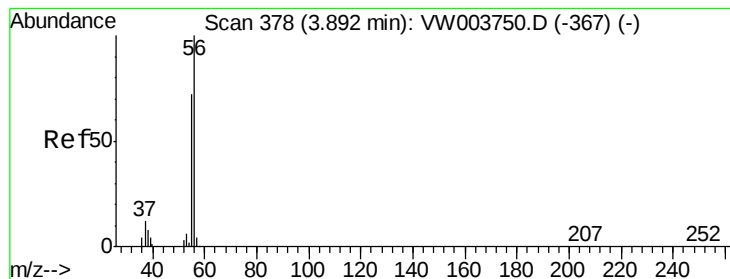
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.889 ug/l

RT: 3.95 min Scan# 387

Delta R.T. 0.06 min

Lab File: VW003853.D

Acq: 11 Jul 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

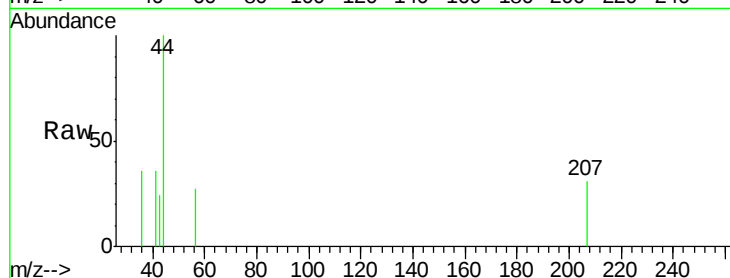
TP-10-S

Tot Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.95

60

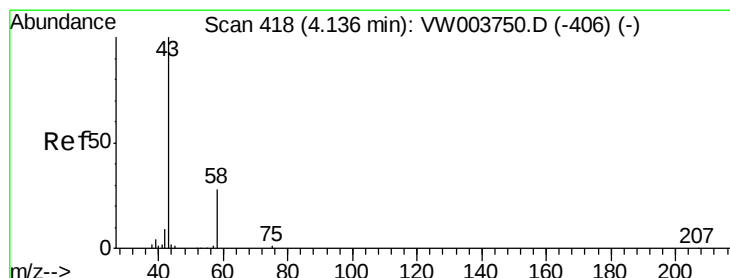
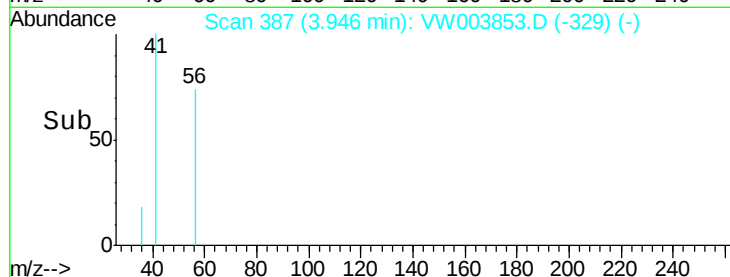
40

20

0

3.93 3.94 3.95 3.96

Time-->



#16

Acetone

Concen: 22.171 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003853.D

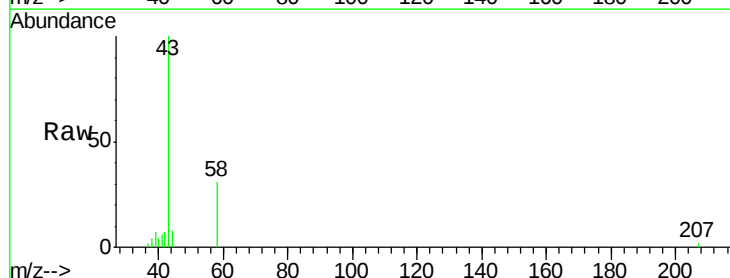
Acq: 11 Jul 2018 05:04

Tgt Ion: 43 Resp: 7416

Ion Ratio Lower Upper

43 100

58 30.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

1500

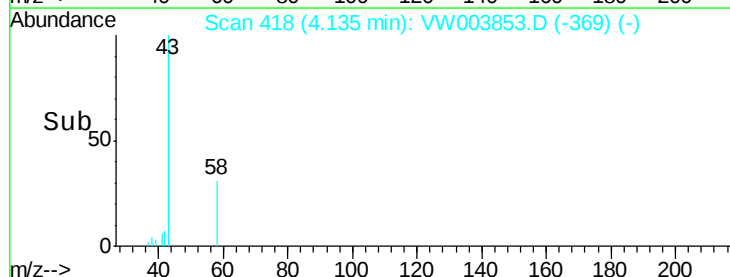
1000

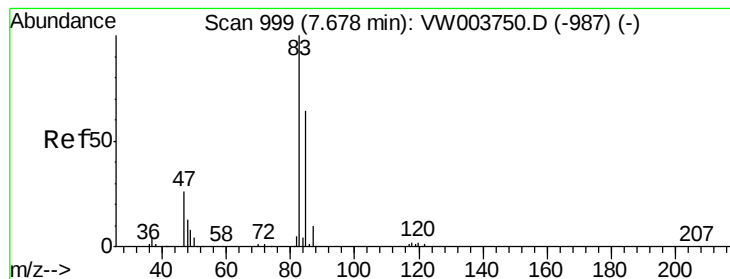
500

0

4.05 4.10 4.15 4.20 4.25

Time-->





#30

Chloroform

Concen: 1.293 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003853.D

Acq: 11 Jul 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

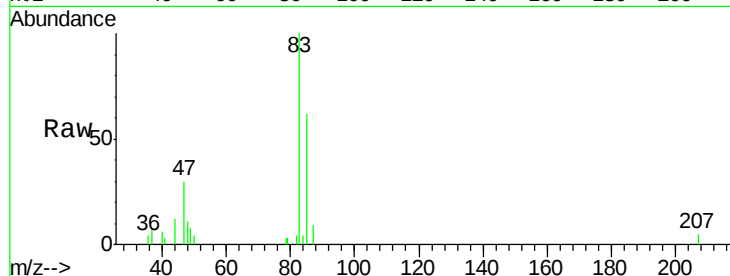
TP-10-S

Tot Ion: 83 Resp: 4222

Ion Ratio Lower Upper

83 100

85 61.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

7.68

2000

1500

1000

500

0

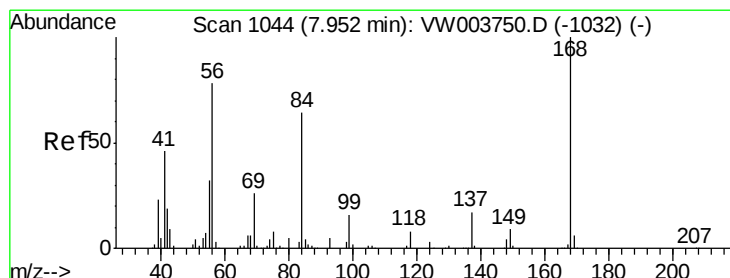
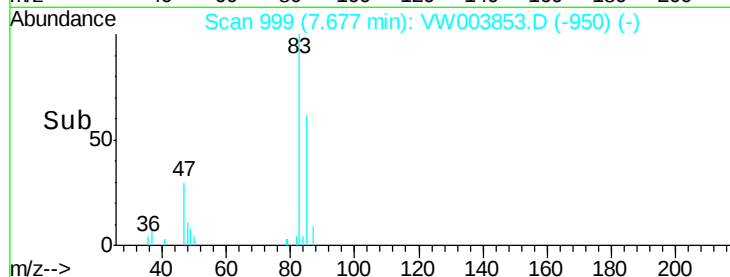
7.60

7.65

7.70

7.75

Time-->



#31

Cyclohexane

Concen: 1.394 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003853.D

Acq: 11 Jul 2018 05:04

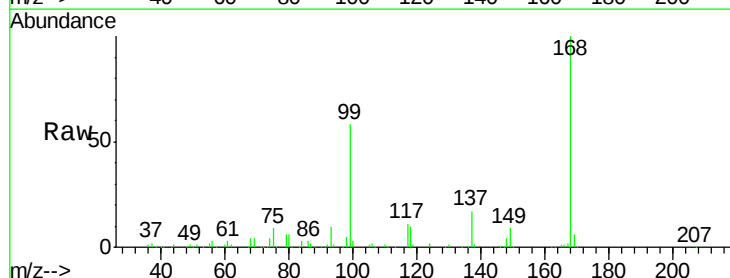
Tgt Ion: 56 Resp: 3922

Ion Ratio Lower Upper

56 100

69 167.0 26.2 39.4#

84 118.6 65.5 98.3#



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

4000

3000

2000

1000

0

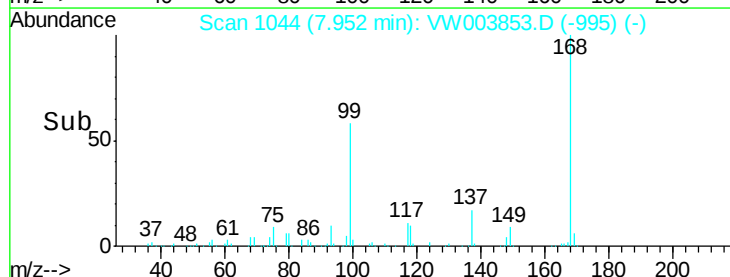
7.85

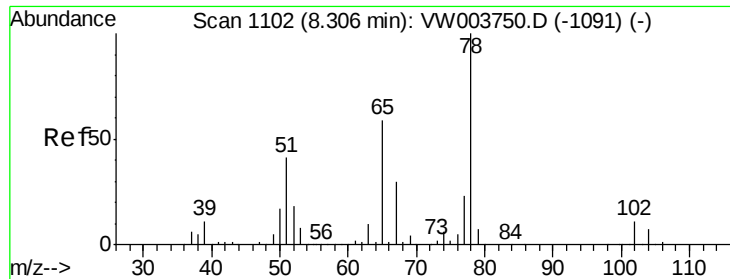
7.90

7.95

8.00

Time-->

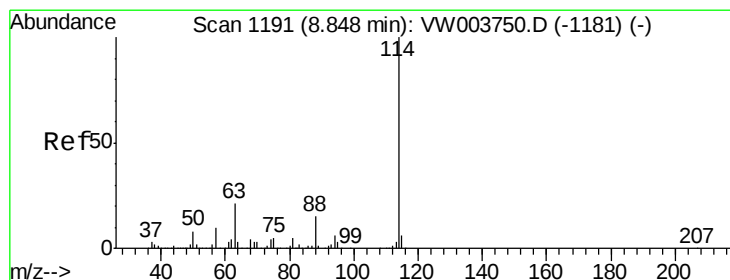
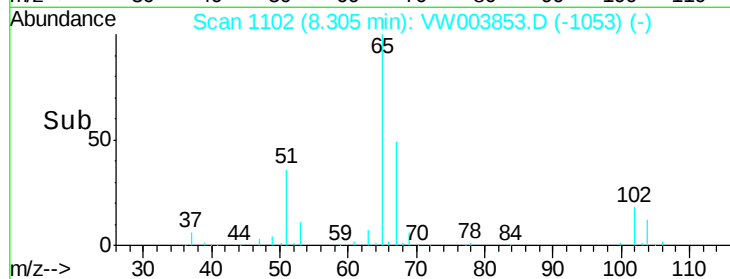
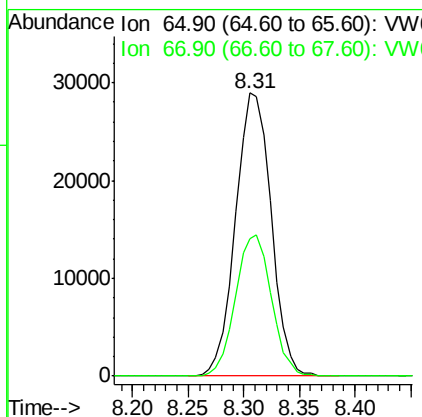
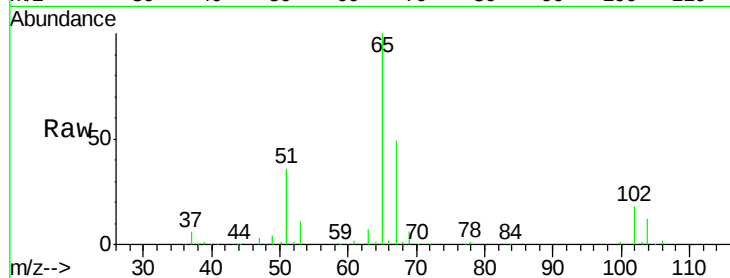




#33
 1,2-Dichloroethane-d4
 Concen: 33.360 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003853.D
 Acq: 11 Jul 2018 05:04

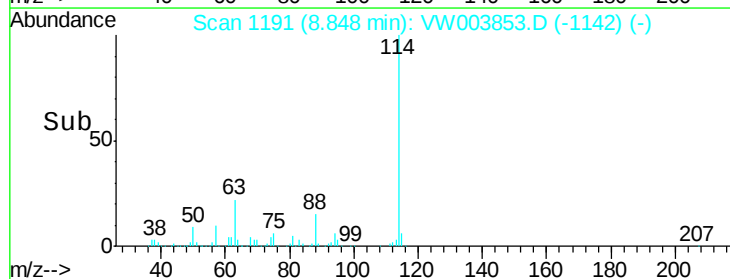
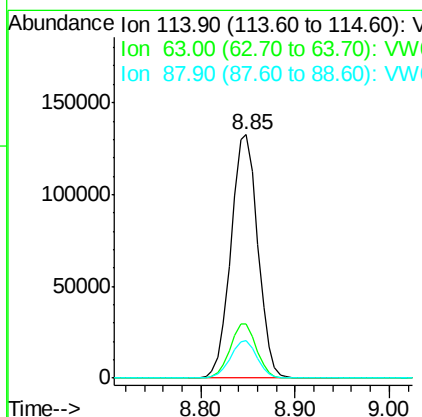
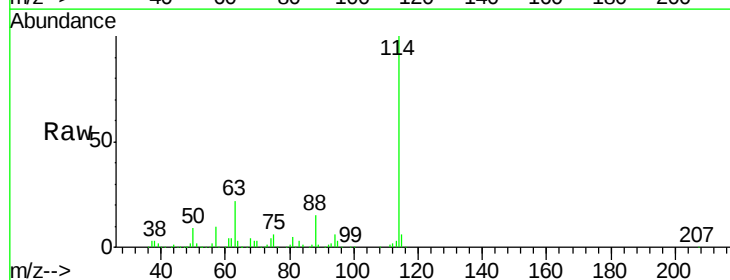
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S

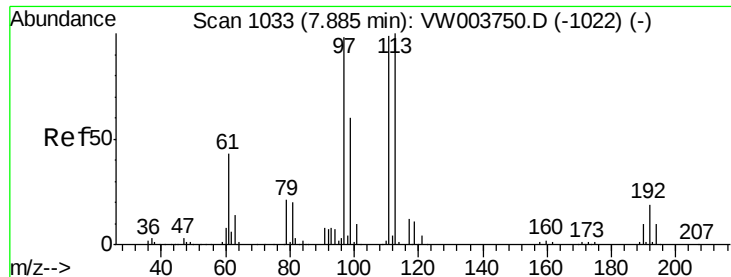
Tot Ion: 65 Resp: 64317
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003853.D
 Acq: 11 Jul 2018 05:04

Tgt Ion: 114 Resp: 262564
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.5 0.0 30.2

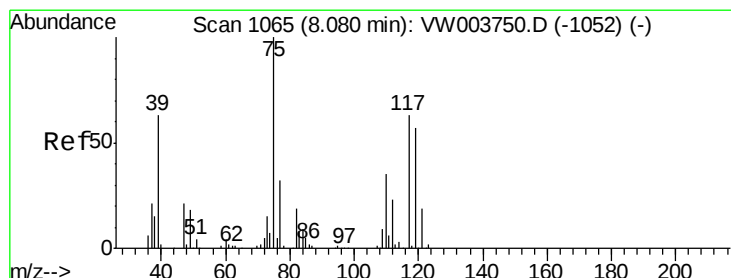
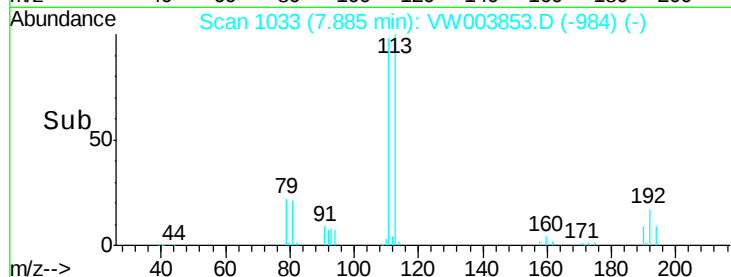
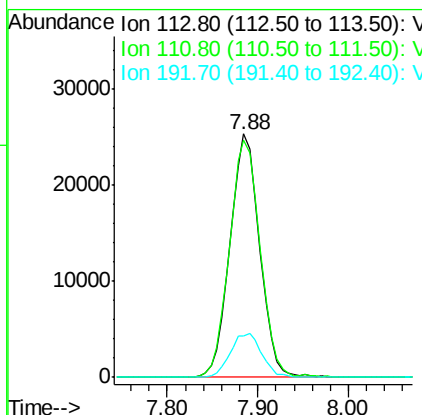
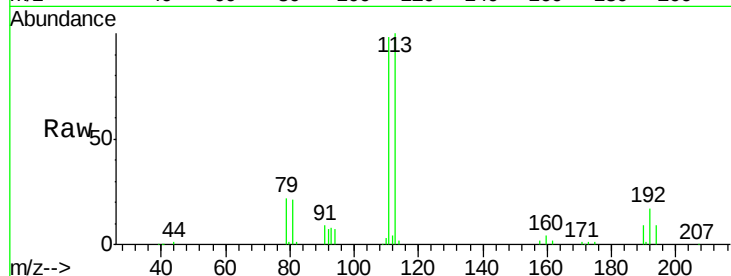




#35
 Dibromofluoromethane
 Concen: 31.241 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003853.D
 Acq: 11 Jul 2018 05:04

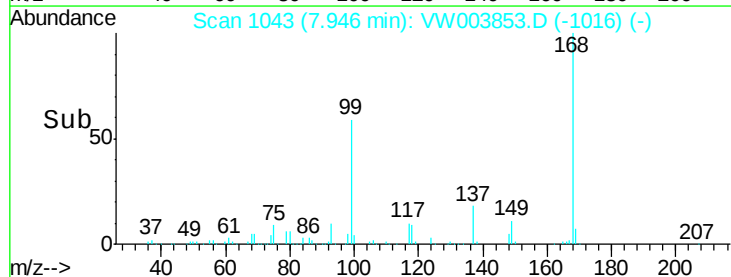
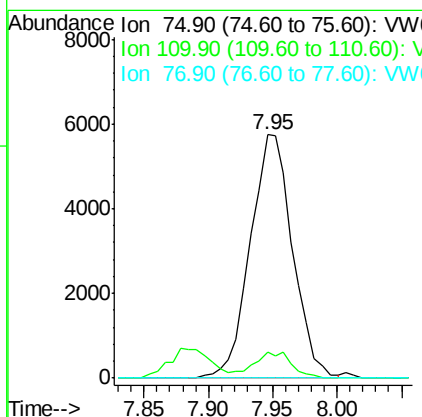
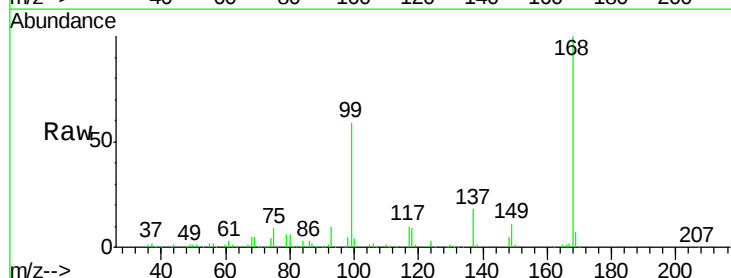
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S

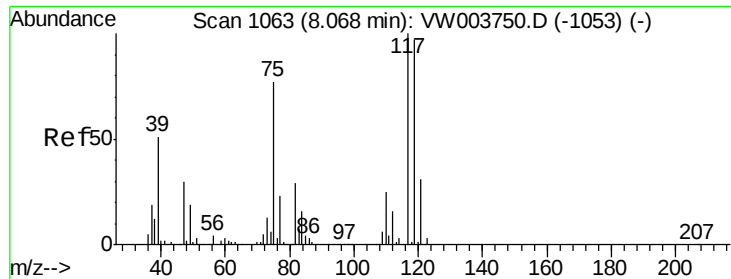
Tot Ion:113 Resp: 57409
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.7 122.5
 192 19.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003853.D
 Acq: 11 Jul 2018 05:04

Tgt Ion: 75 Resp: 13028
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#

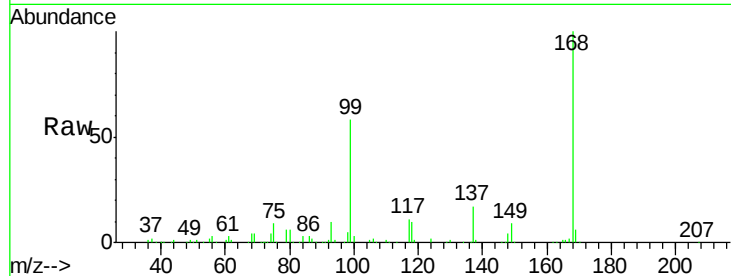




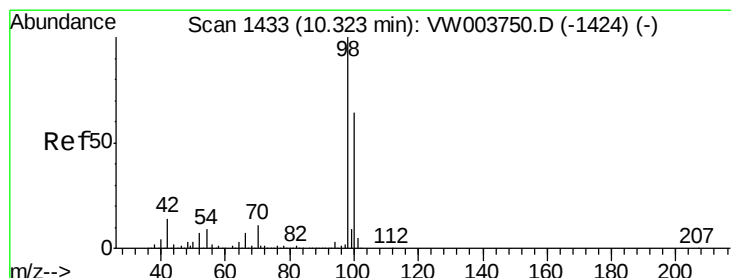
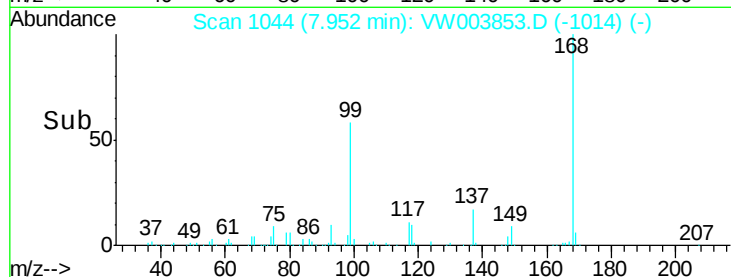
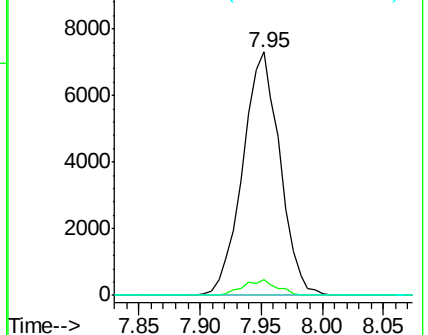
#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S

Tot Ion:117 Resp: 15477
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.2#
121 0.0 24.6 37.0#

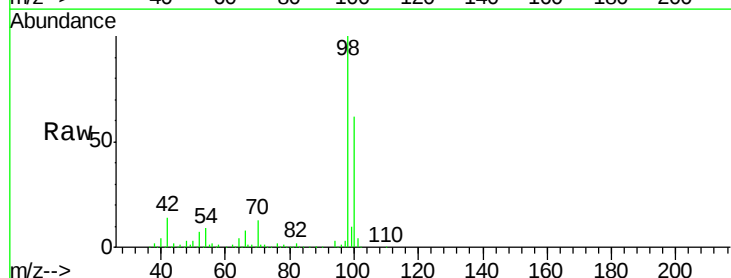


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

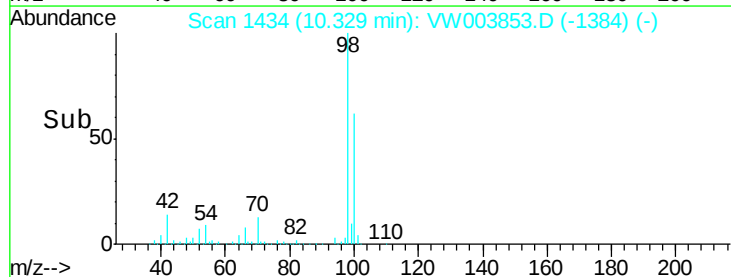
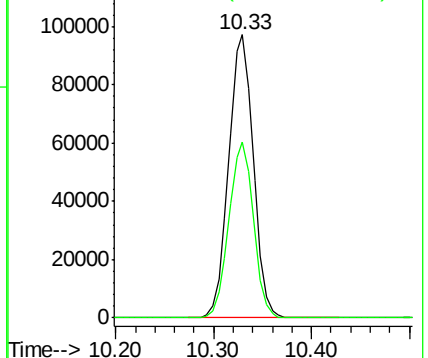


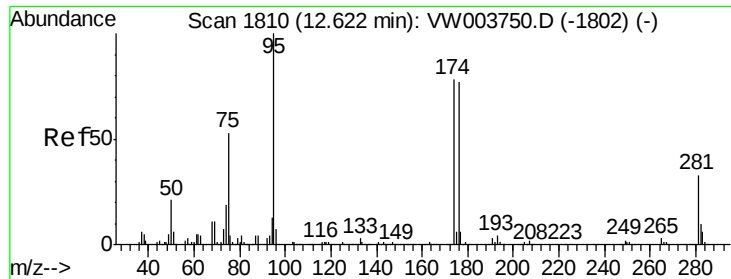
#50
Toluene-d8
Concen: 24.114 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

Tgt Ion: 98 Resp: 169510
Ion Ratio Lower Upper
98 100
100 61.6 50.8 76.2



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

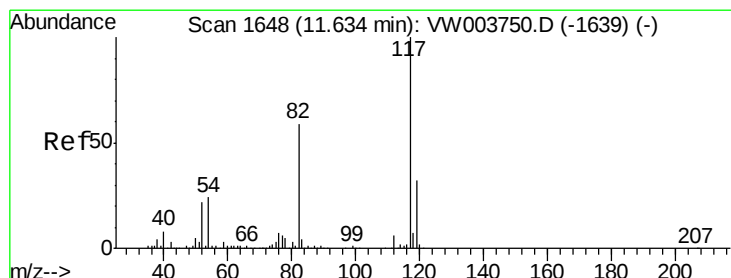
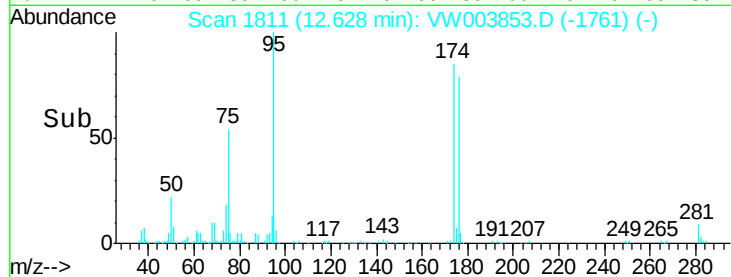
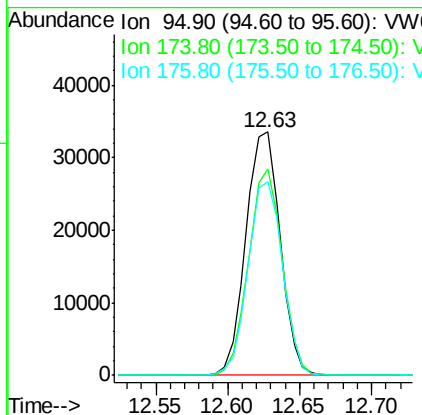
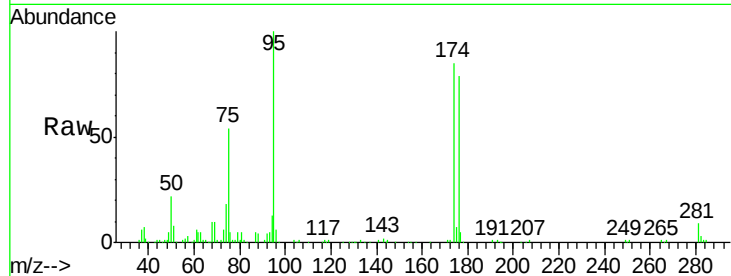




#62
4-Bromofluorobenzene
Concen: 21.752 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

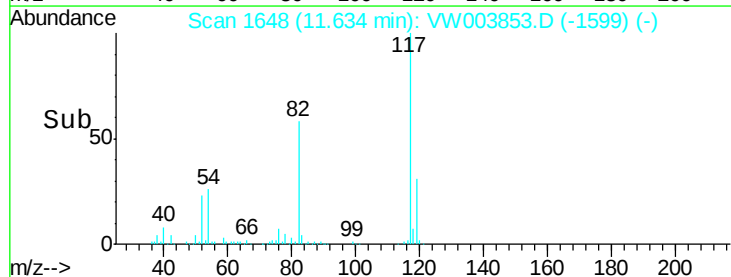
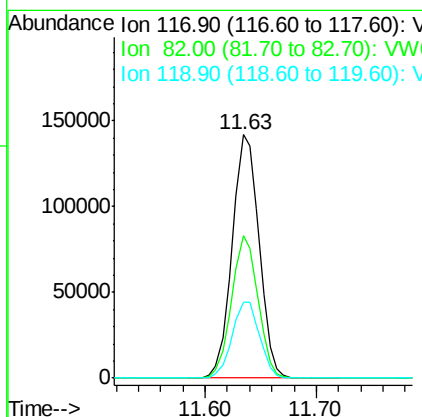
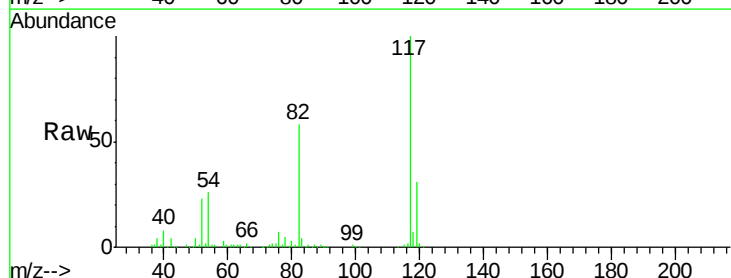
Instrument :
MSVOA_W
ClientSampleId :
TP-10-S

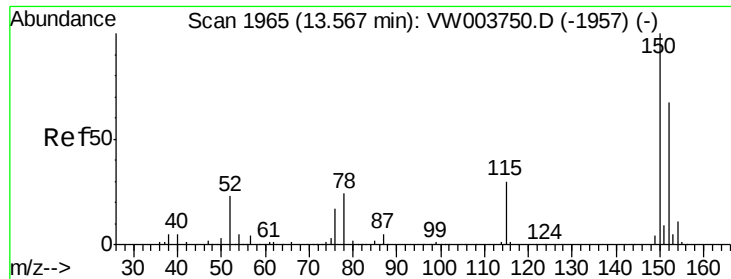
Tot Ion: 95 Resp: 55324
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.4
176 79.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

Tgt Ion: 117 Resp: 236700
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 31.2 25.5 38.3



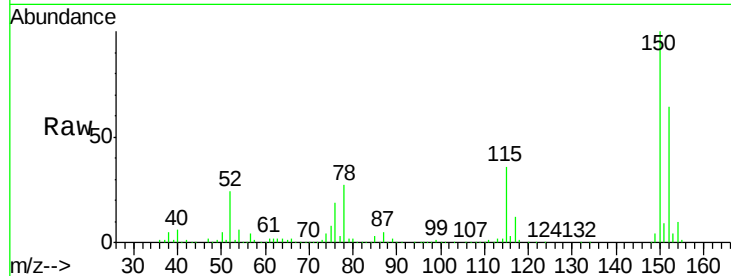


#72

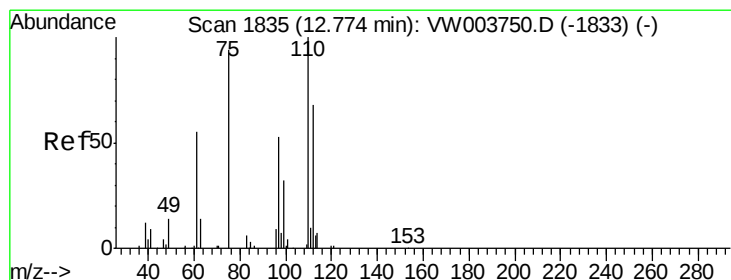
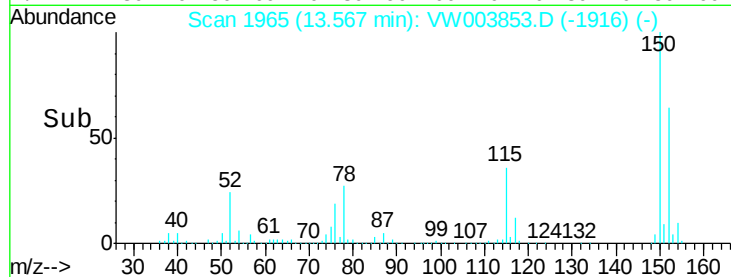
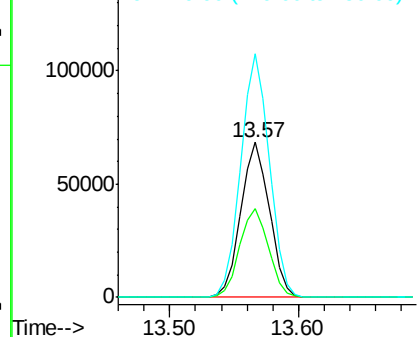
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S

Tot Ion:152 Resp: 104894
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 157.3 0.0 342.4



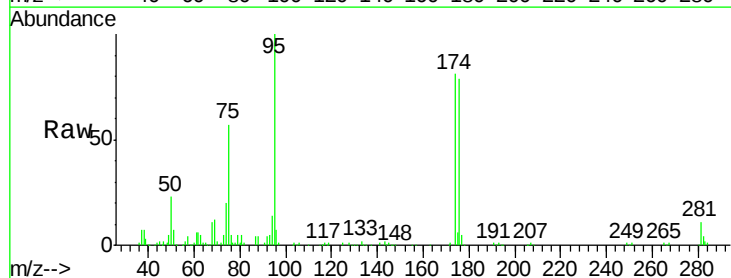
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



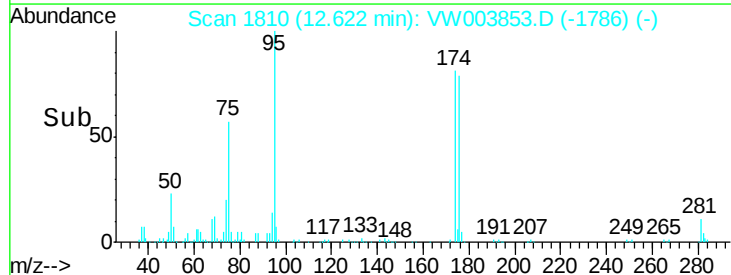
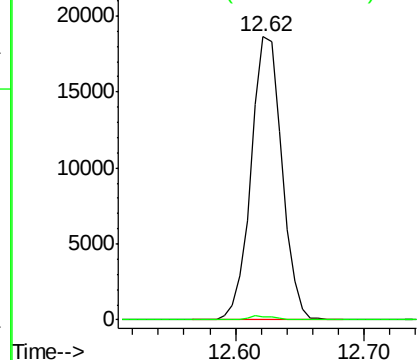
#76

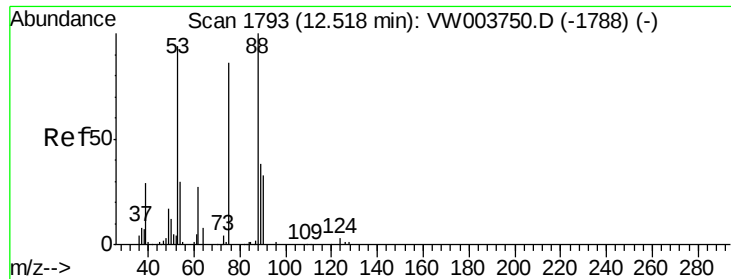
1,2,3-Trichloropropane
Concen: 29.742 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003853.D
Acq: 11 Jul 2018 05:04

Tgt Ion: 75 Resp: 30635
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 72.755 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003853.D

Acq: 11 Jul 2018 05:04

Instrument :

MSVOA_W

ClientSampleId :

TP-10-S

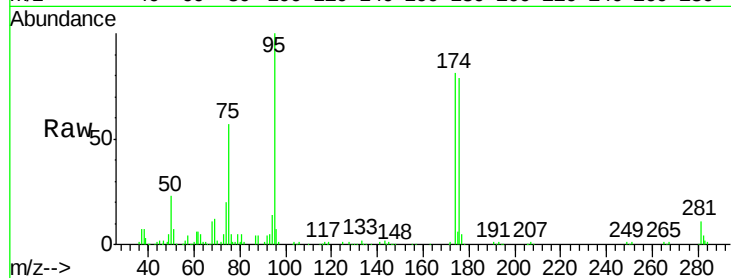
Tot Ion: 75 Resp: 30635

Ion Ratio Lower Upper

75 100

53 0.1 85.0 127.6#

89 0.1 36.3 54.5#



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

