

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003583.D
 Acq On : 26 Jun 2018 22:22
 Operator : SY/AP
 Sample : J3684-03
 Misc : 6.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S

Quant Time: Jun 27 07:55:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	45100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	72061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	58806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18874	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	29066	59.50	ug/l	0.00
Spiked Amount	50.000			Recovery	=	119.00%	
35) Dibromofluoromethane		7.88	113	23900	53.38	ug/l	0.00
Spiked Amount	50.000			Recovery	=	106.76%	
50) Toluene-d8		10.33	98	61974	34.91	ug/l	0.00
Spiked Amount	50.000			Recovery	=	69.82%	
62) 4-Bromofluorobenzene		12.63	95	15817	25.17	ug/l	0.00
Spiked Amount	50.000			Recovery	=	50.34%	

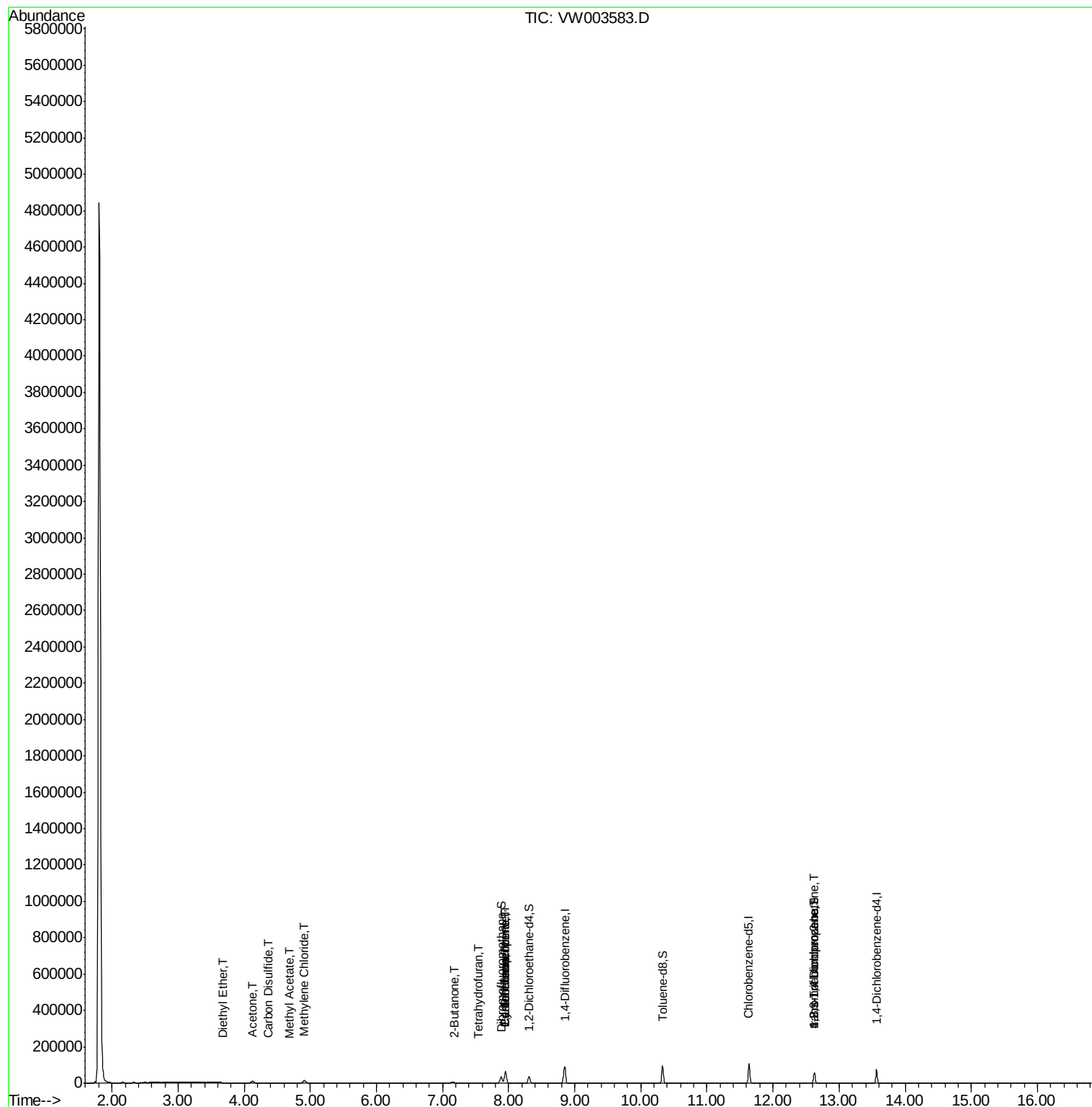
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	406	1.837	ug/l	73
16) Acetone	4.12	43	18099	176.656	ug/l	96
17) Carbon Disulfide	4.37	76	2123	1.759	ug/l	96
18) Methyl Acetate	4.68	43	935	3.847	ug/l	92
20) Methylene Chloride	4.91	84	9344	19.209	ug/l	96
25) 2-Butanone	7.18	43	1946	15.275	ug/l	97
29) Tetrahydrofuran	7.54	42	190	2.440	ug/l #	35
31) Cyclohexane	7.95	56	1392	1.763	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	4263	6.126	ug/l #	47
38) Carbon Tetrachloride	7.95	117	4820	7.061	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	8905	55.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	8905	126.996	ug/l #	8

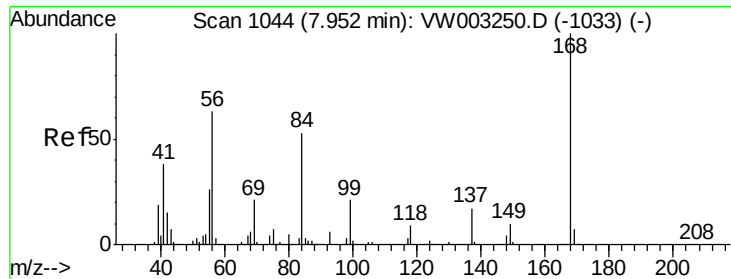
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
Data File : VW003583.D
Acq On : 26 Jun 2018 22:22
Operator : SY/AP
Sample : J3684-03
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-1-S

Quant Time: Jun 27 07:55:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

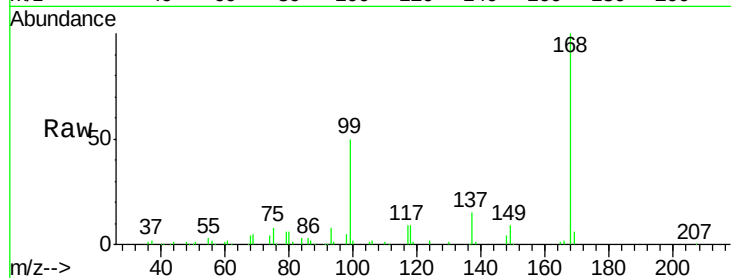
TP-1-S

Tgt Ion:168 Resp: 45100

Ion Ratio Lower Upper

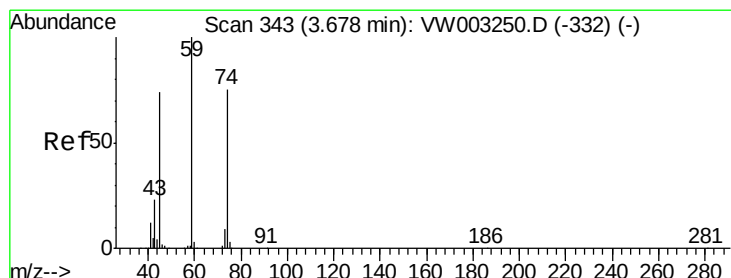
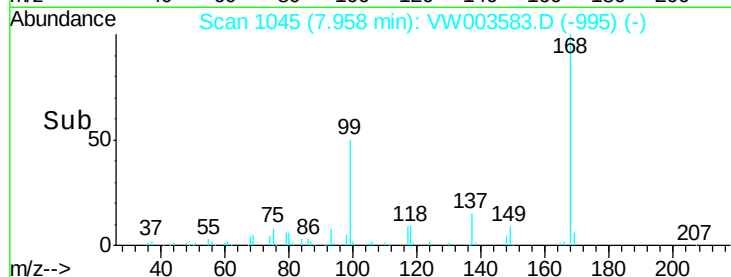
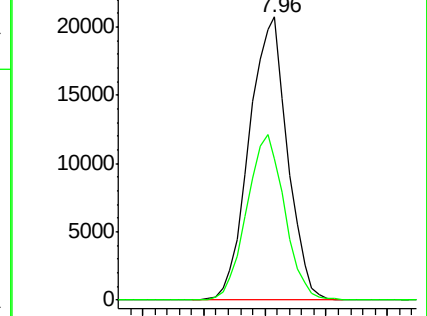
168 100

99 49.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.837 ug/l

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW003583.D

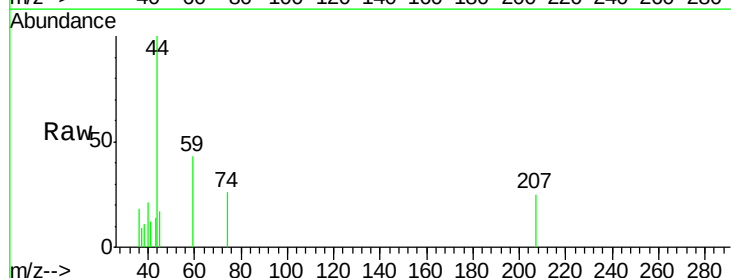
Acq: 26 Jun 2018 22:22

Tgt Ion: 74 Resp: 406

Ion Ratio Lower Upper

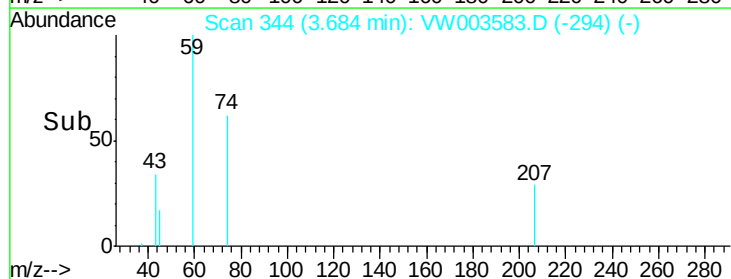
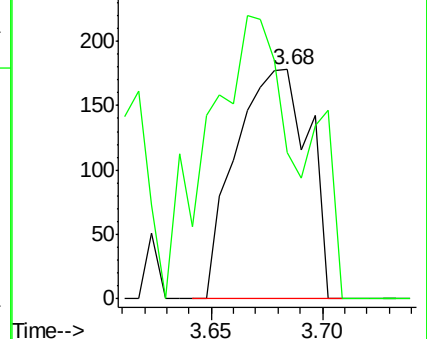
74 100

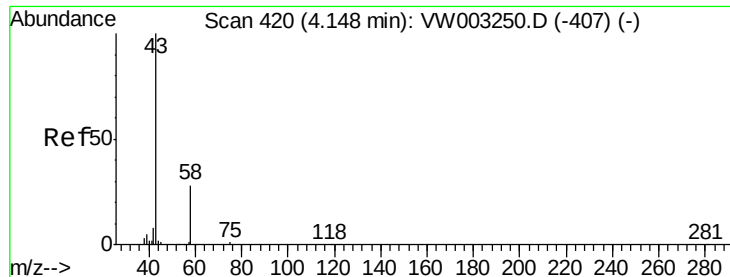
45 130.5 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 176.656 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampled :

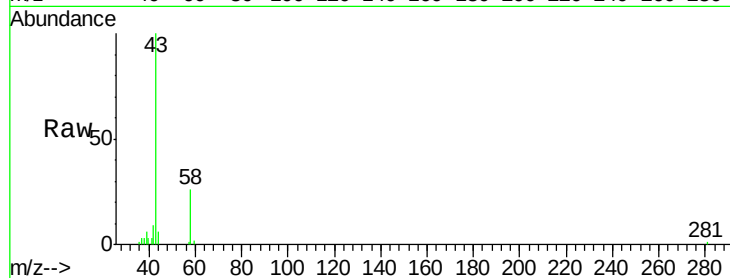
TP-1-S

Tgt Ion: 43 Resp: 18099

Ion Ratio Lower Upper

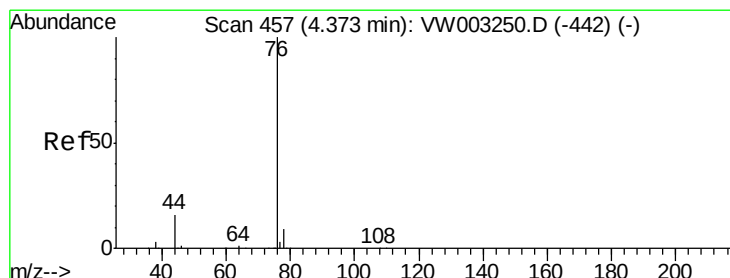
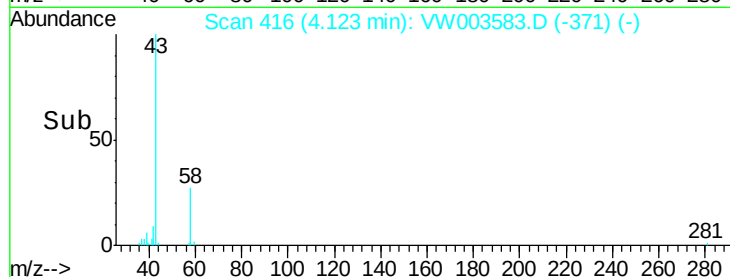
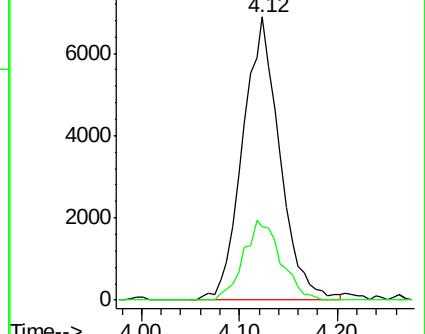
43 100

58 26.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.759 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003583.D

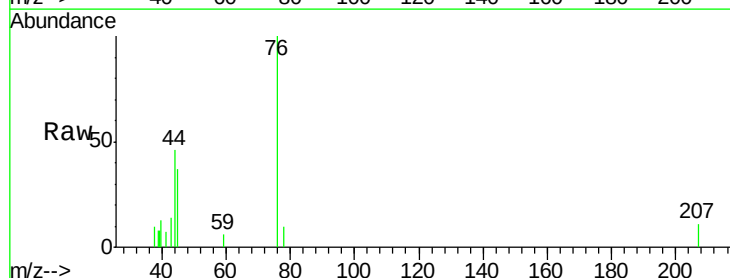
Acq: 26 Jun 2018 22:22

Tgt Ion: 76 Resp: 2123

Ion Ratio Lower Upper

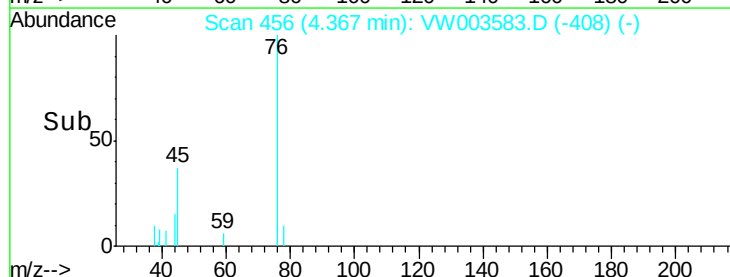
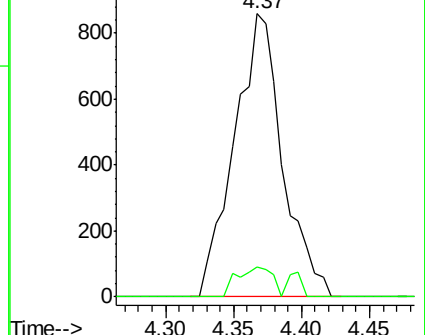
76 100

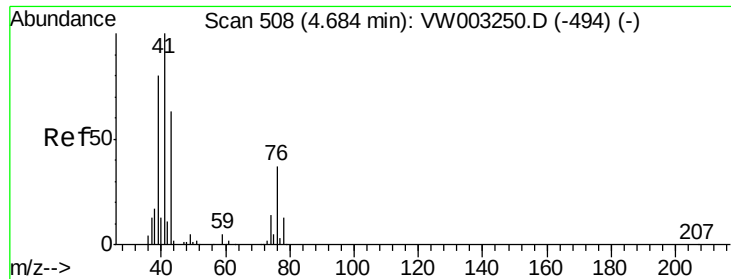
78 10.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

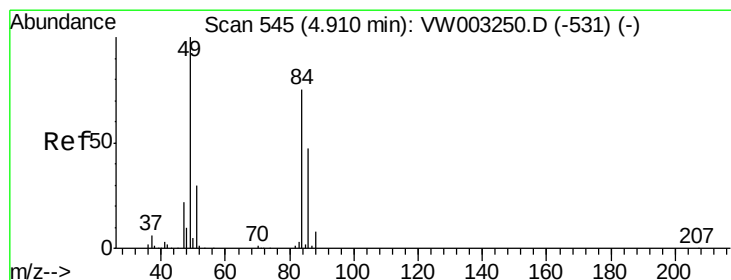
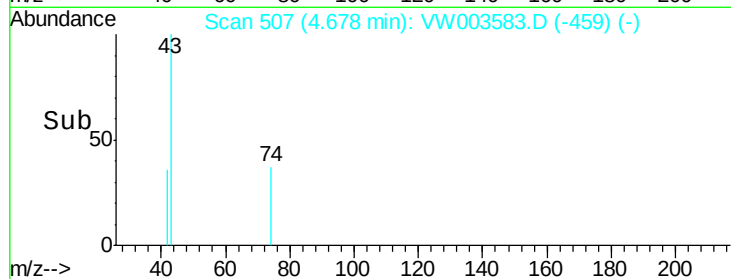
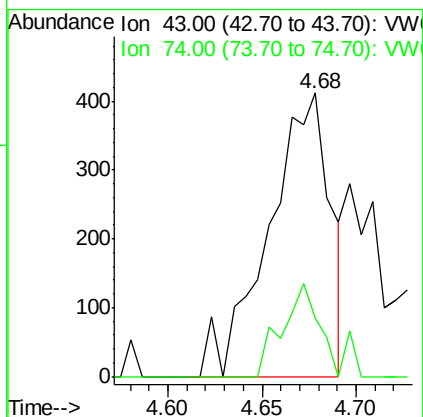
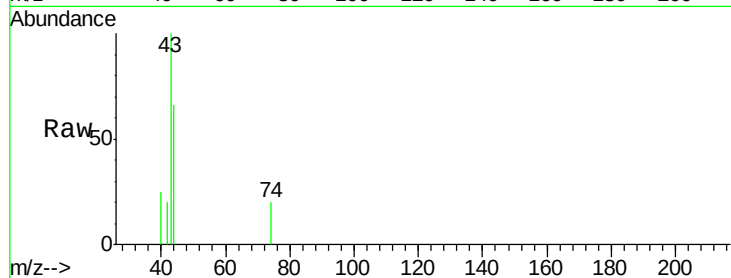




#18
Methyl Acetate
Concen: 3.847 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

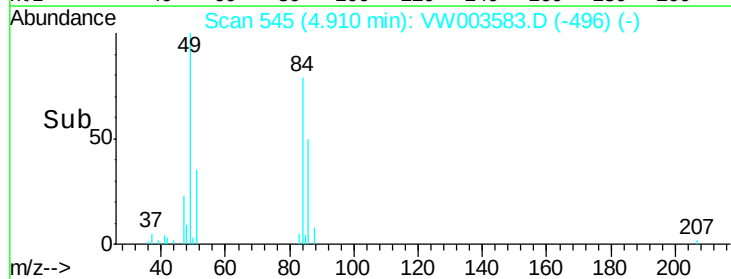
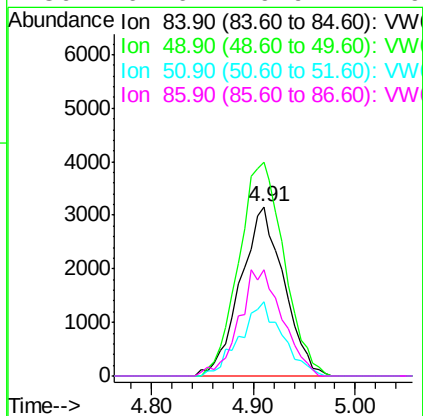
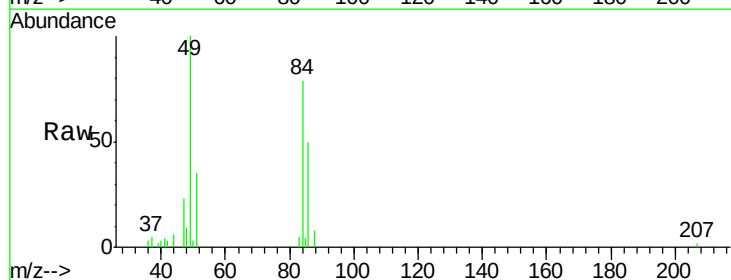
Instrument :
MSVOA_W
ClientSampled :
TP-1-S

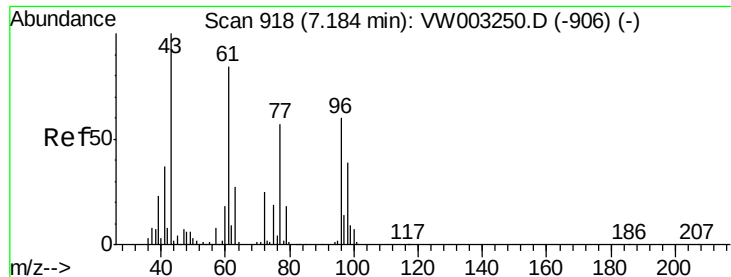
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
74 19.4 18.7 28.1



#20
Methylene Chloride
Concen: 19.209 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

Tgt Ion: 84 Resp: 9344
Ion Ratio Lower Upper
84 100
49 126.2 106.3 159.5
51 43.7 32.0 48.0
86 62.6 49.9 74.9





#25

2-Butanone

Concen: 15.275 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampled :

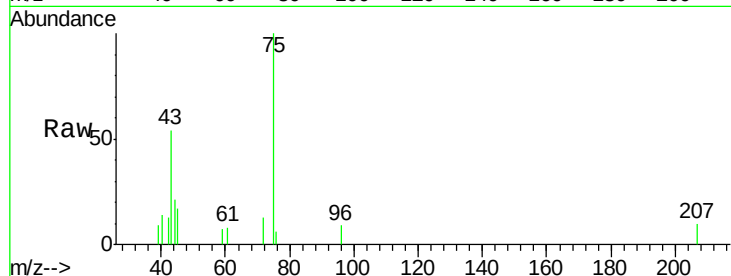
TP-1-S

Tgt Ion: 43 Resp: 1946

Ion Ratio Lower Upper

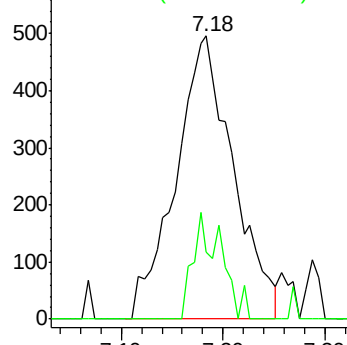
43 100

72 23.8 20.3 30.5

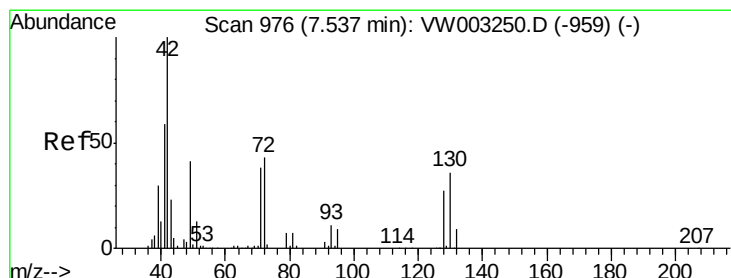
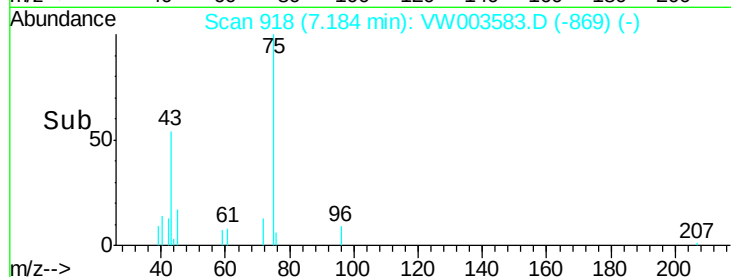


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#29

Tetrahydrofuran

Concen: 2.440 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

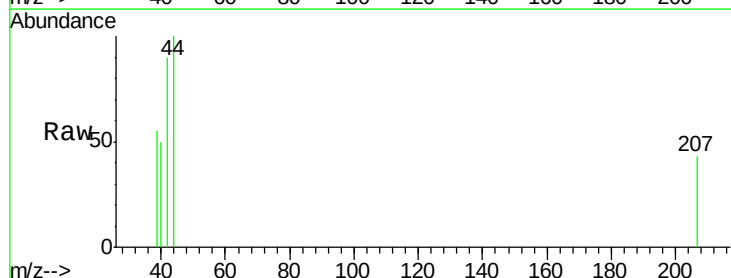
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

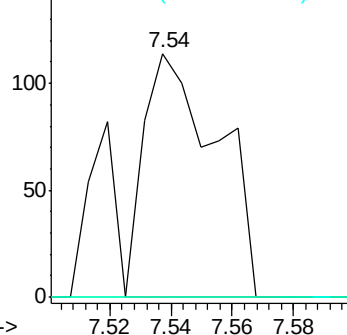
71 0.0 31.2 46.8#



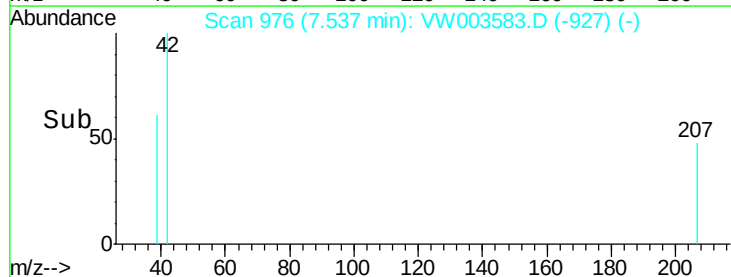
Abundance Ion 42.00 (41.70 to 42.70): VW

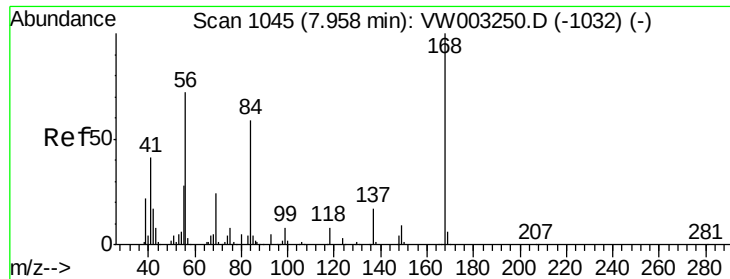
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->

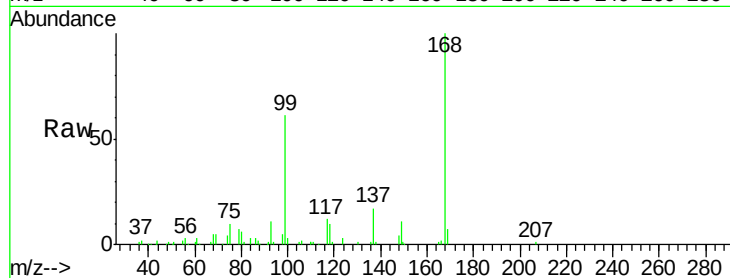




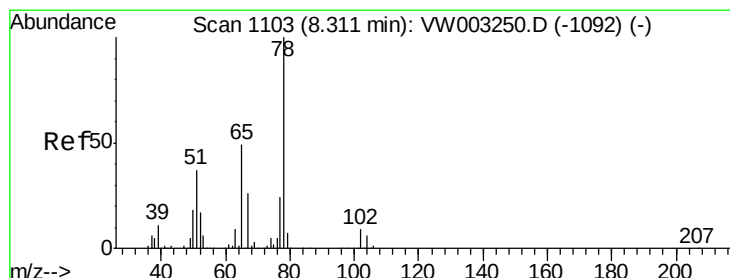
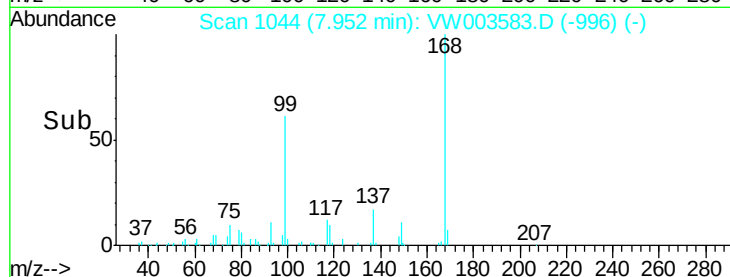
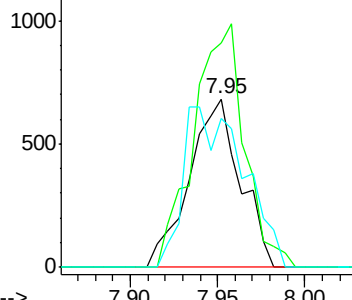
#31
Cyclohexane
Concen: 1.763 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

Instrument :
MSVOA_W
ClientSampleId :
TP-1-S

Tgt Ion: 56 Resp: 1392
Ion Ratio Lower Upper
56 100
69 133.4 26.3 39.5#
84 88.3 65.7 98.5

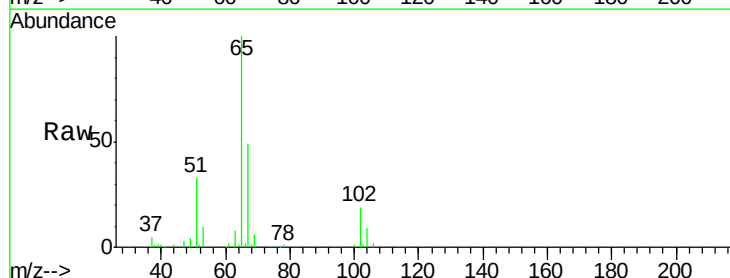


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

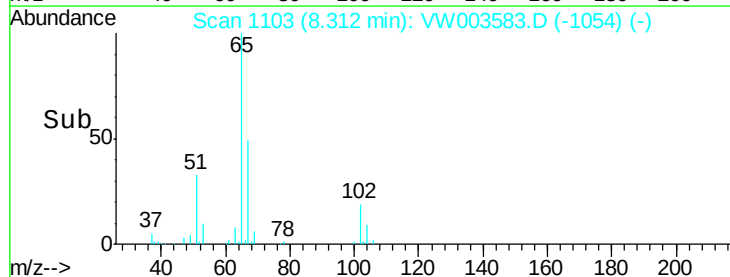
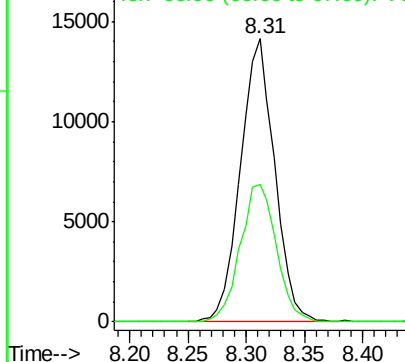


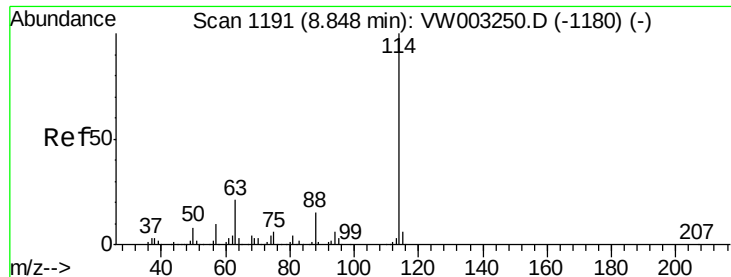
#33
1,2-Dichloroethane-d4
Concen: 59.500 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

Tgt Ion: 65 Resp: 29066
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2



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: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

TP-1-S

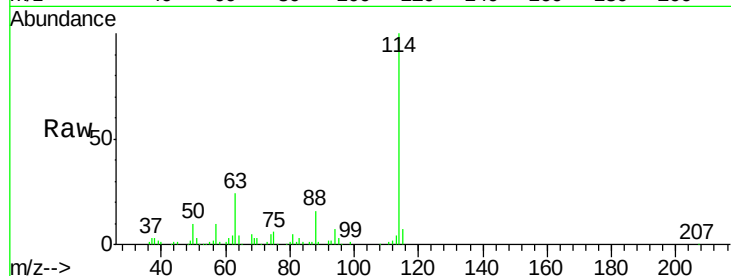
Tgt Ion:114 Resp: 72061

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.0

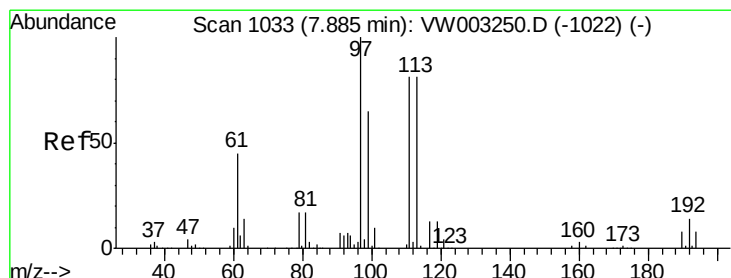
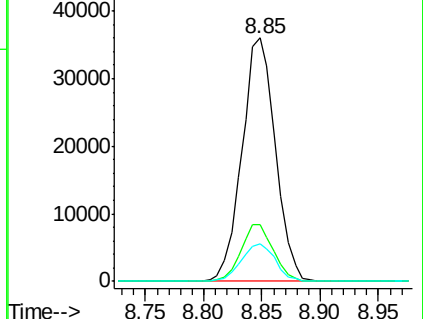
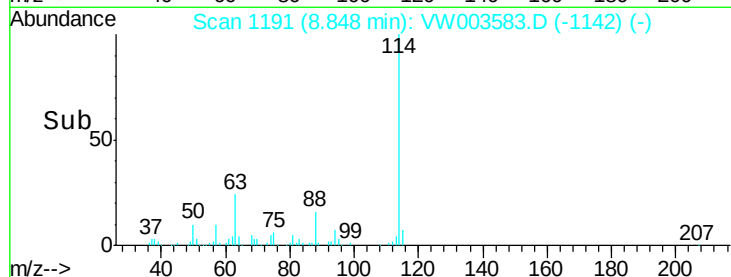
88 15.7 0.0 29.6



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: 53.376 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

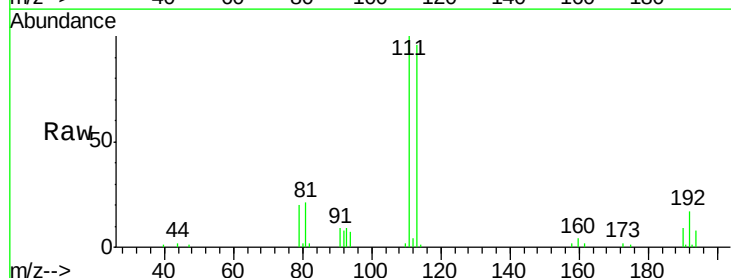
Tgt Ion:113 Resp: 23900

Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.2

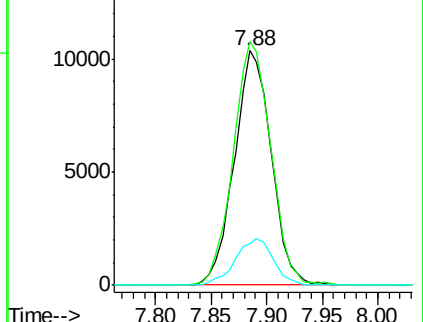
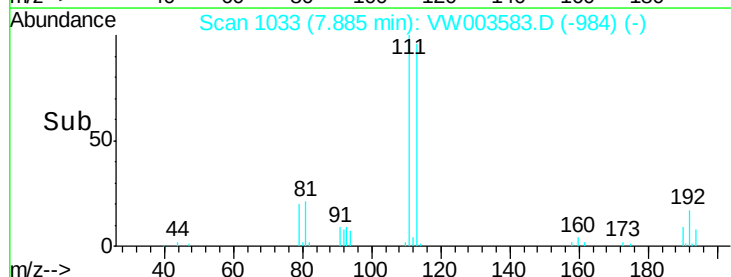
192 20.2 16.2 24.2

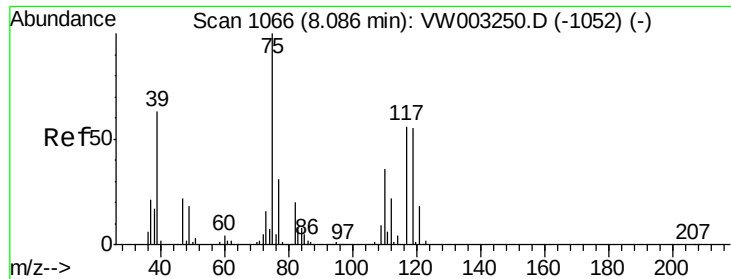


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

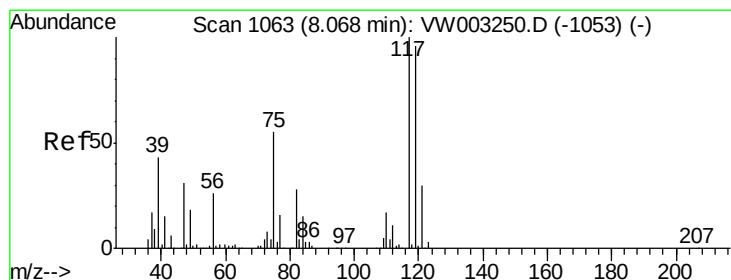
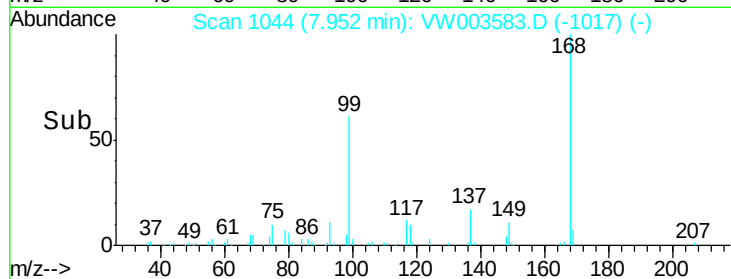
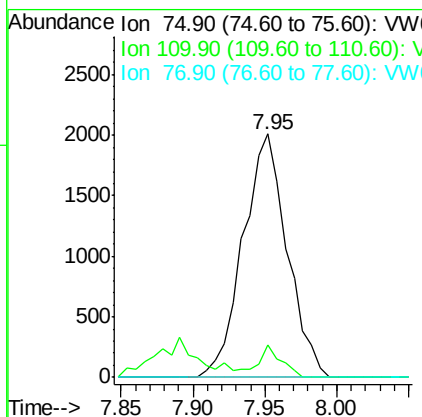
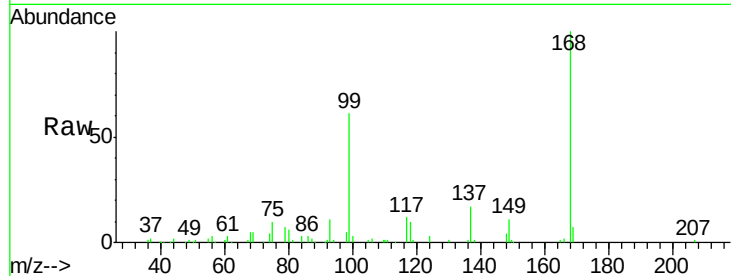




#36
 1,1-Dichloropropene
 Concen: 6.126 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003583.D
 Acq: 26 Jun 2018 22:22

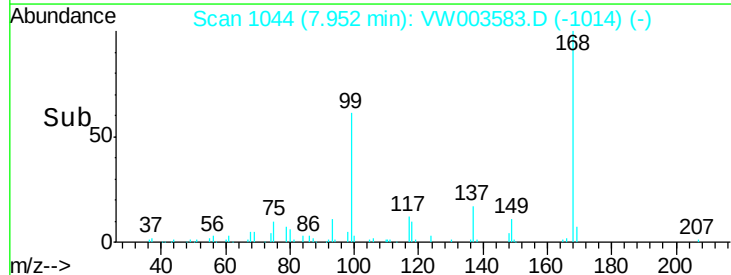
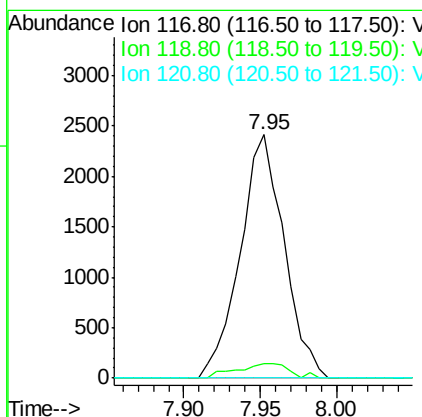
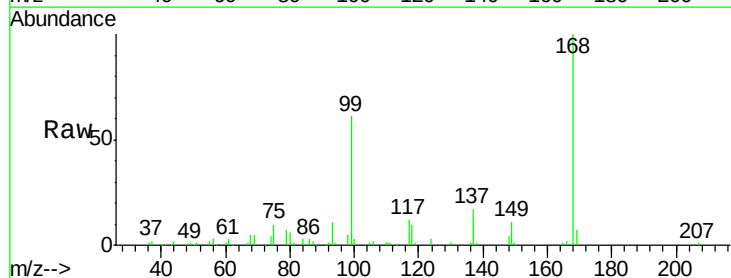
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-S

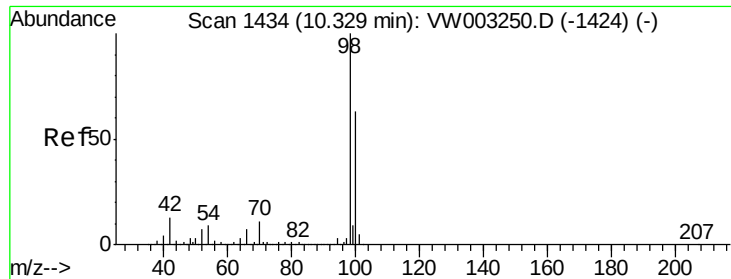
Tgt Ion: 75 Resp: 4263
 Ion Ratio Lower Upper
 75 100
 110 6.1 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 7.061 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003583.D
 Acq: 26 Jun 2018 22:22

Tgt Ion: 117 Resp: 4820
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 34.905 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

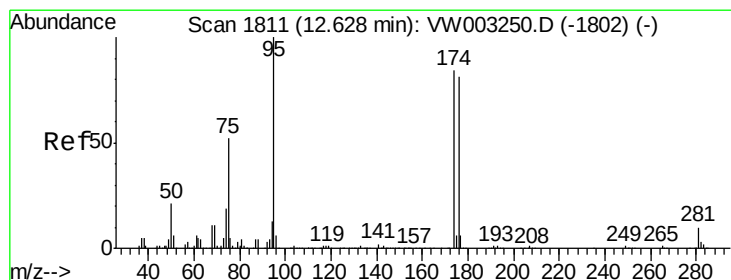
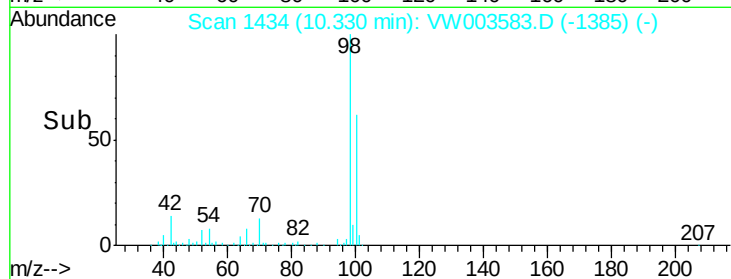
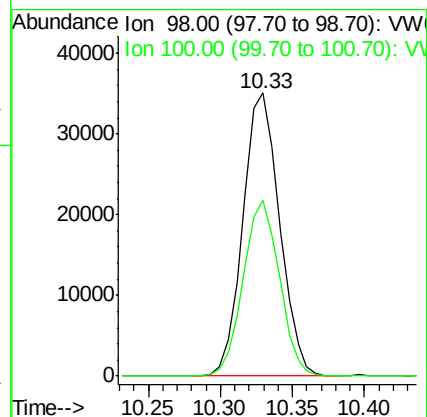
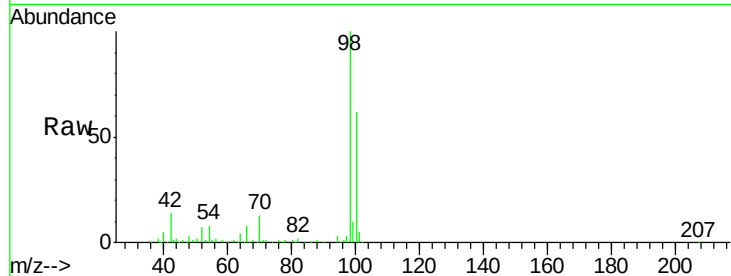
TP-1-S

Tgt Ion: 98 Resp: 61974

Ion Ratio Lower Upper

98 100

100 61.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 25.173 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

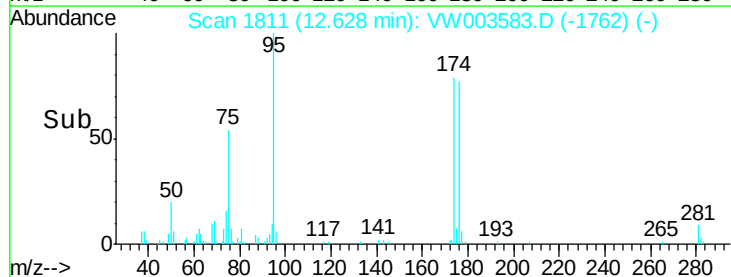
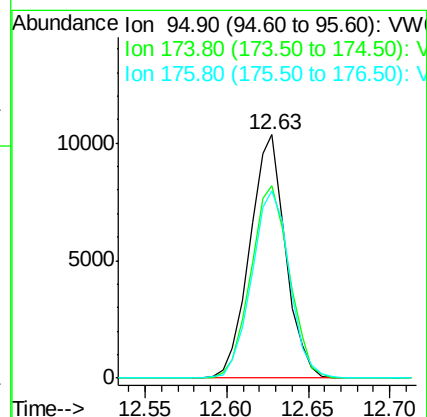
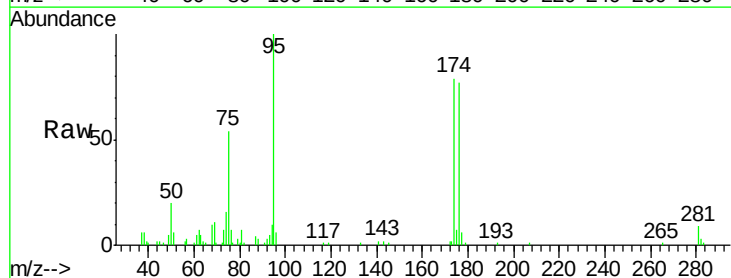
Tgt Ion: 95 Resp: 15817

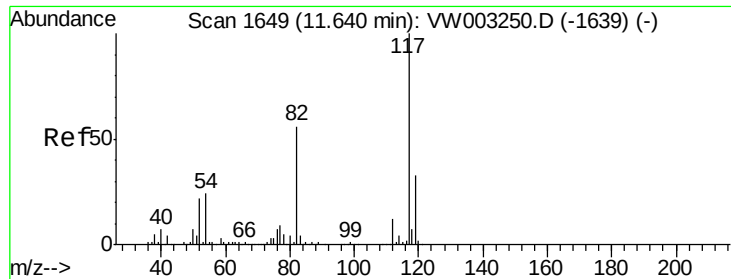
Ion Ratio Lower Upper

95 100

174 85.1 0.0 166.4

176 81.3 0.0 162.0

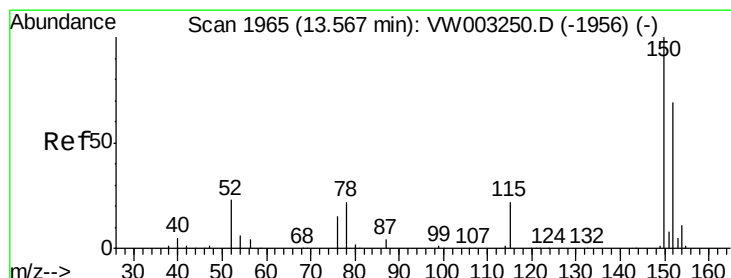
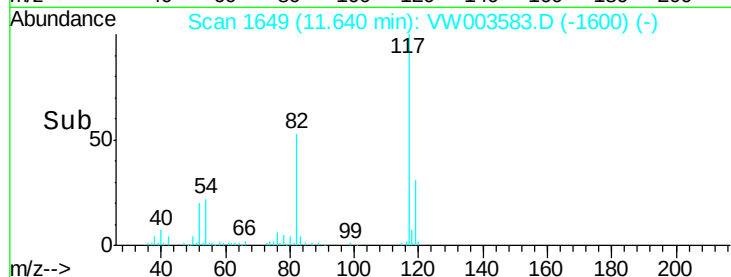
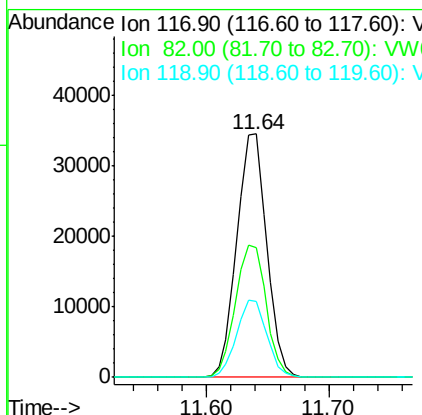
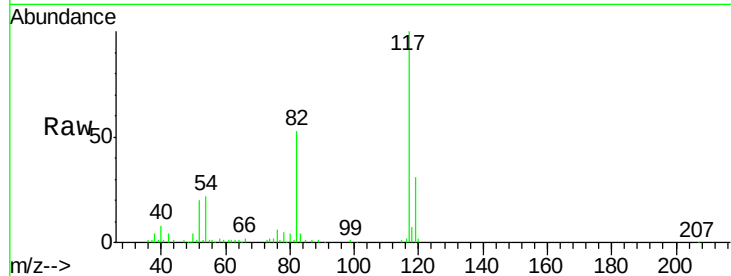




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

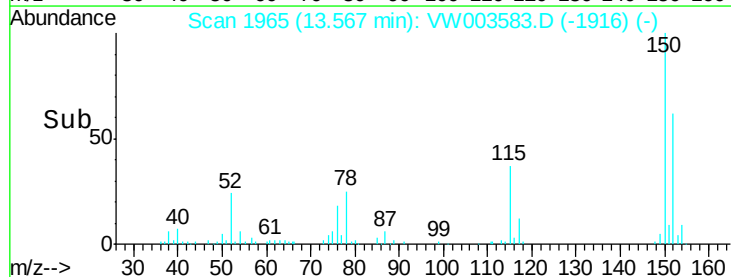
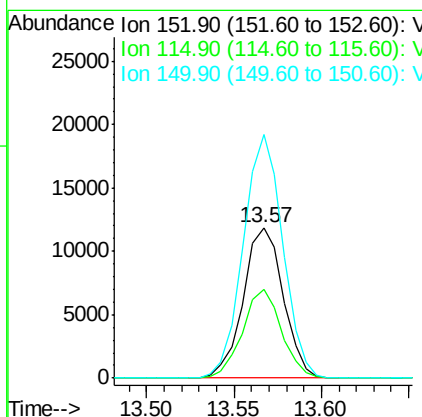
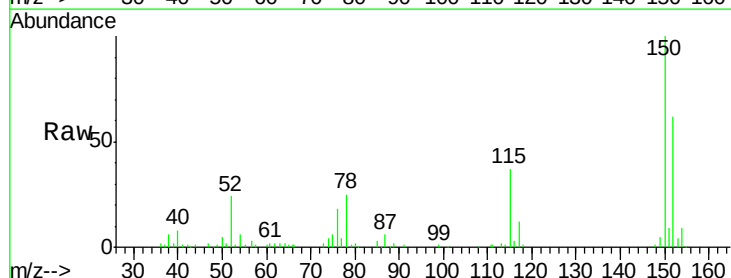
Instrument :
MSVOA_W
ClientSampled :
TP-1-S

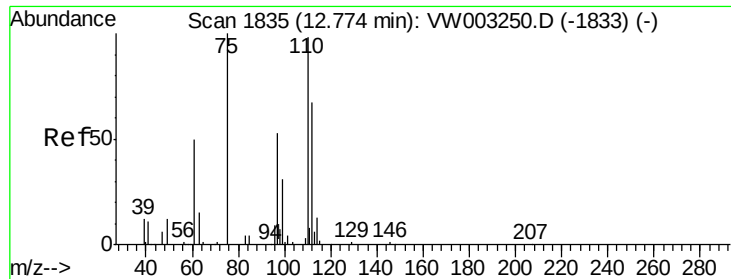
Tgt Ion:117 Resp: 58806
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003583.D
Acq: 26 Jun 2018 22:22

Tgt Ion:152 Resp: 18874
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 159.4 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 55.190 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampled :

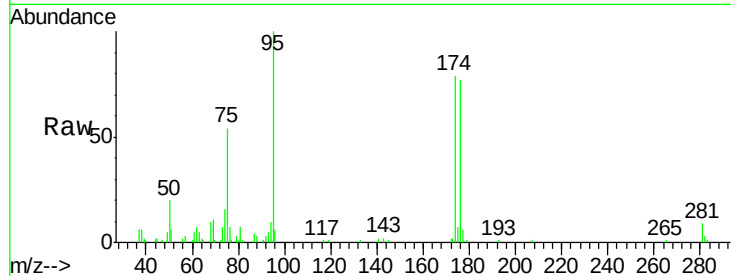
TP-1-S

Tgt Ion: 75 Resp: 8905

Ion Ratio Lower Upper

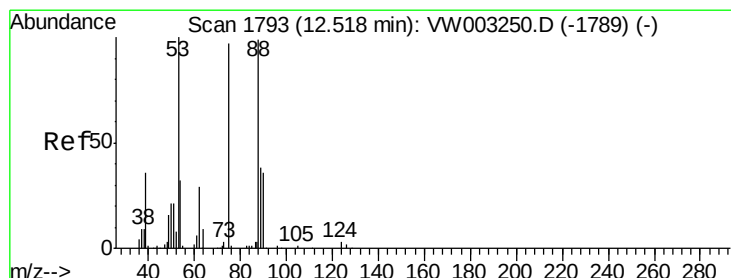
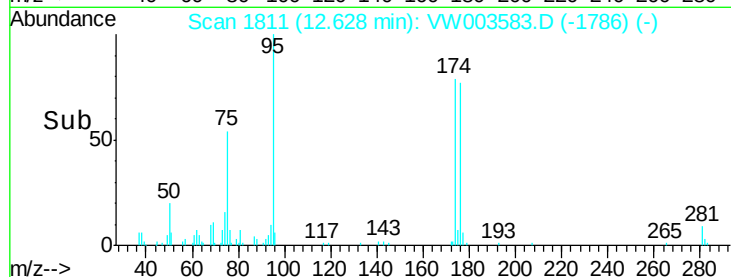
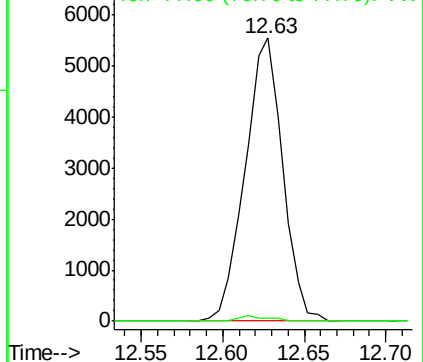
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 126.996 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003583.D

Acq: 26 Jun 2018 22:22

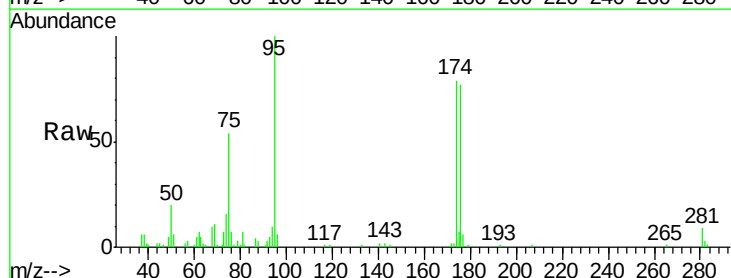
Tgt Ion: 75 Resp: 8905

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.0 36.7 55.1#



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

