

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006793.D
 Acq On : 09 Nov 2018 18:33
 Operator : SY/AP
 Sample : J5877-02
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1107-S-DH-11

Quant Time: Nov 12 04:38:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	188602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107847	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	96698	69.96	ug/l	0.00
Spiked Amount			Recovery	=	139.92%	
35) Dibromofluoromethane	7.89	113	93480	65.69	ug/l	0.00
Spiked Amount			Recovery	=	131.38%	
50) Toluene-d8	10.33	98	368540	61.53	ug/l	0.00
Spiked Amount			Recovery	=	123.06%	
62) 4-Bromofluorobenzene	12.62	95	114864	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

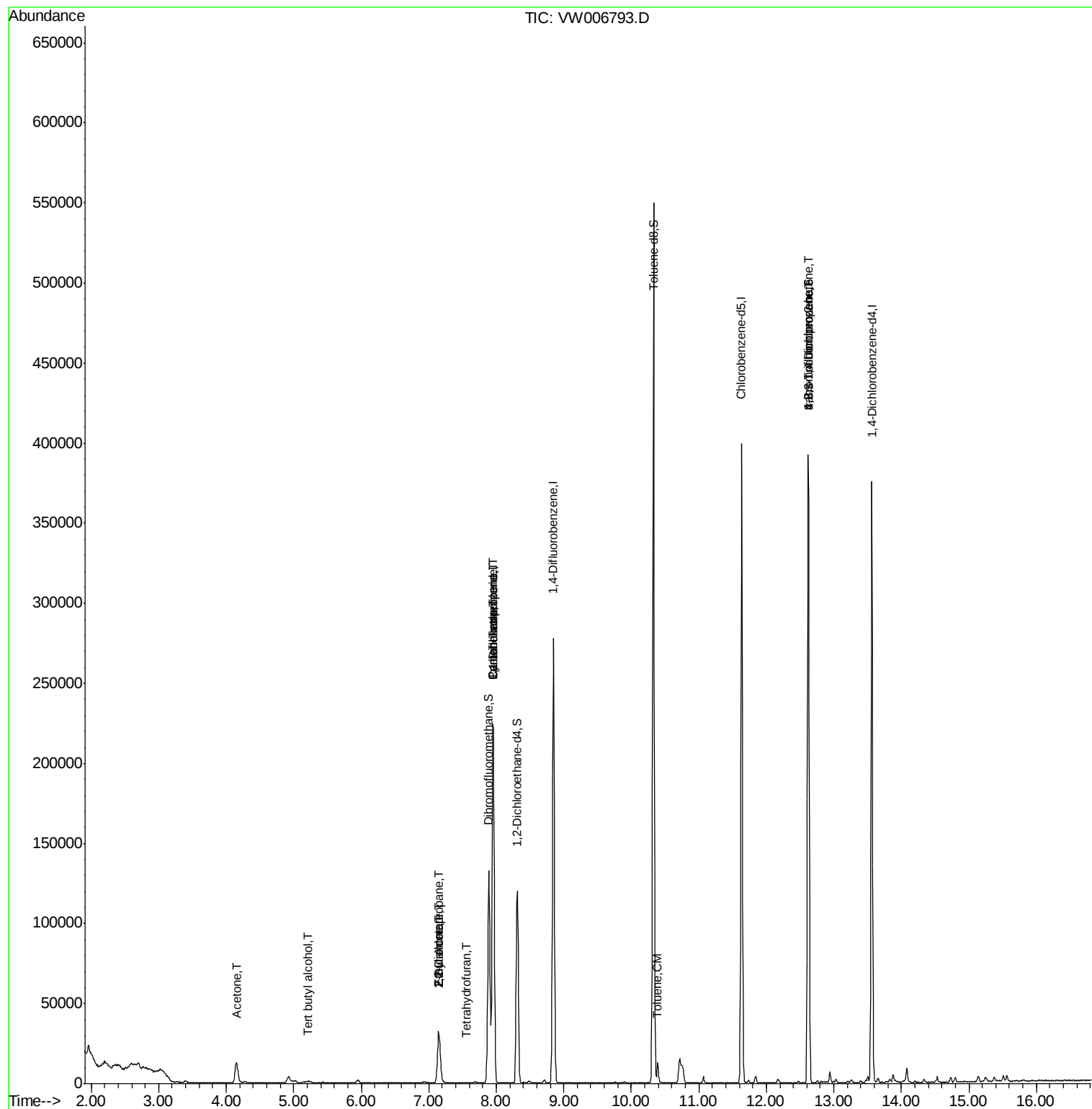
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1591	17.488	ug/l	98
16) Acetone	4.15	43	25318	126.538	ug/l	99
20) Methylene Chloride	4.93	84	3276	Below Cal	#	87
25) 2-Butanone	7.15	43	1949	5.900	ug/l #	72
26) 2,2-Dichloropropane	7.16	77	2547	1.068	ug/l #	52
29) Tetrahydrofuran	7.56	42	324	1.496	ug/l #	34
31) Cyclohexane	7.95	56	3365	1.305	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	11729	5.170	ug/l #	47
37) Ethyl Acetate	7.15	43	1949	2.419	ug/l #	1
38) Carbon Tetrachloride	7.95	117	16420	6.774	ug/l #	17
52) Toluene	10.39	92	5368	1.192	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	56227	71.492	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56227	190.084	ug/l #	12

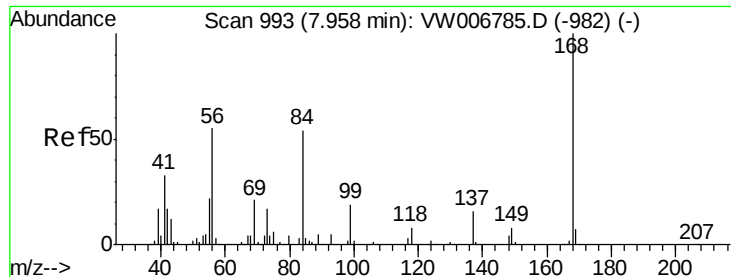
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

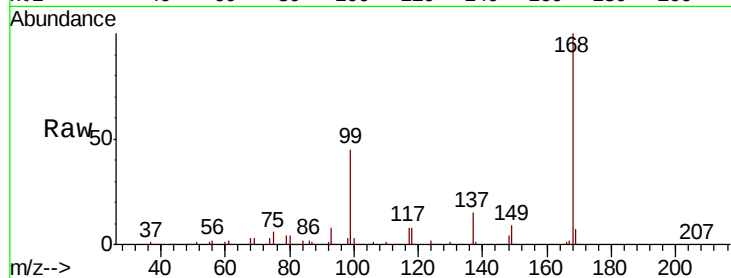
SSSI-1107-S-DH-11

Tot Ion:168 Resp: 188602

Ion Ratio Lower Upper

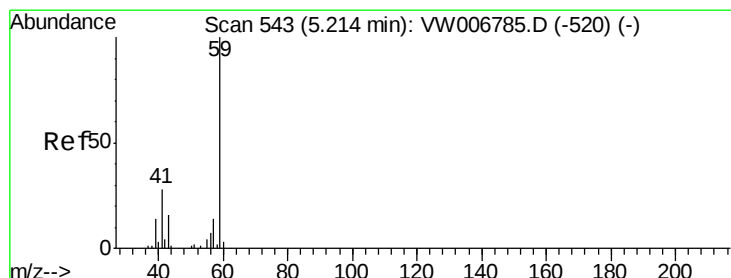
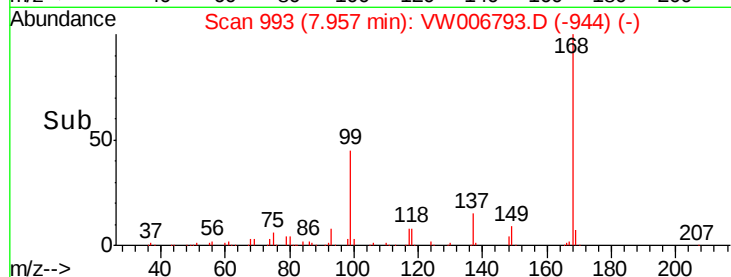
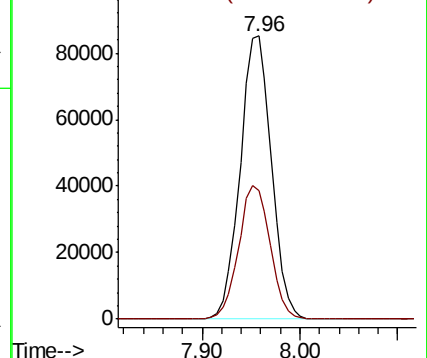
168 100

99 45.3 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.488 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.00 min

Lab File: VW006793.D

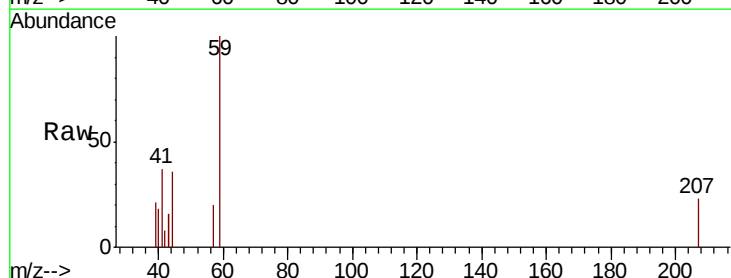
Acq: 09 Nov 2018 18:33

Tgt Ion: 59 Resp: 1591

Ion Ratio Lower Upper

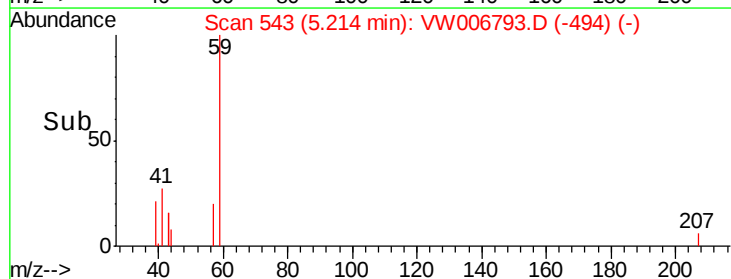
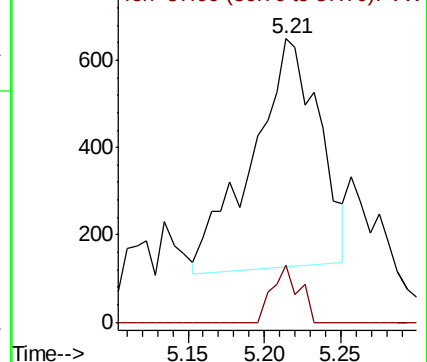
59 100

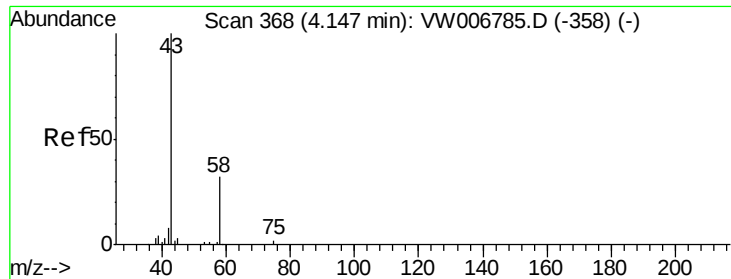
57 10.1 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

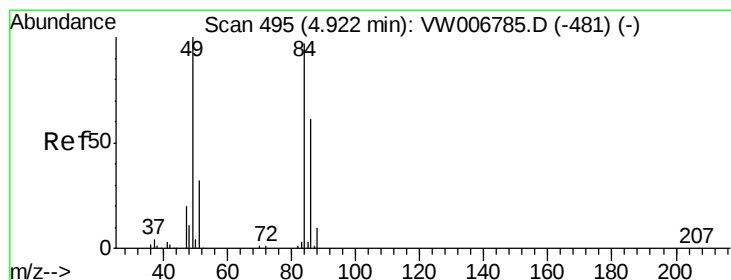
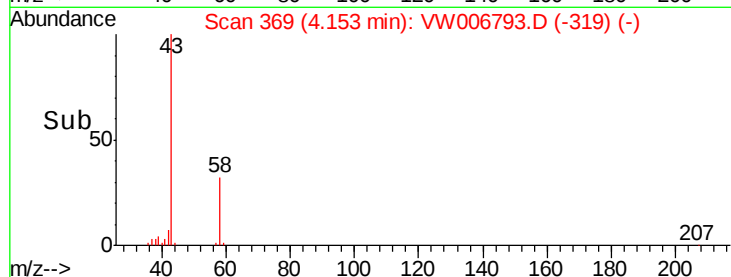
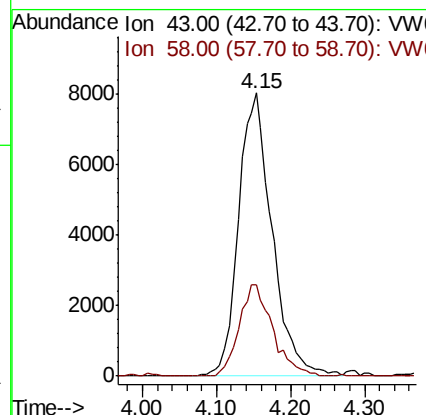
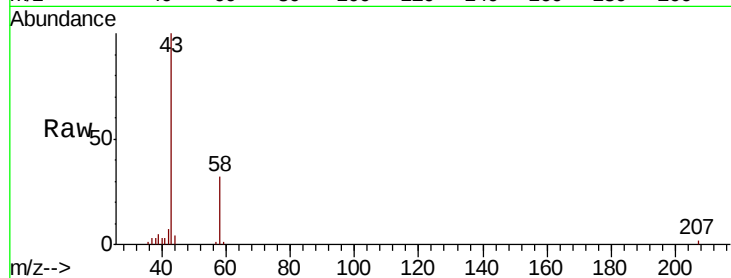




#16
Acetone
Concen: 126.538 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006793.D
Acq: 09 Nov 2018 18:33

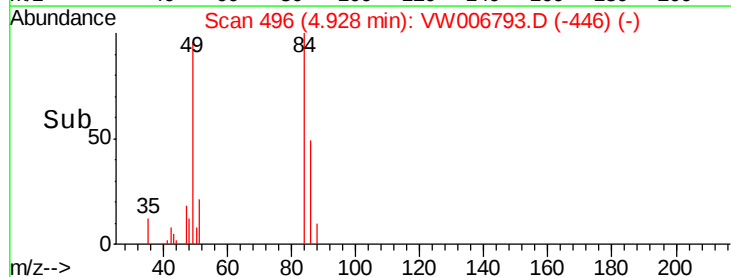
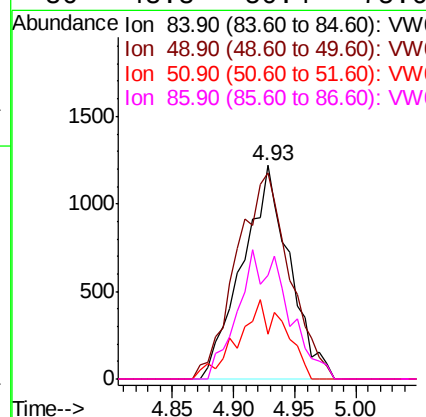
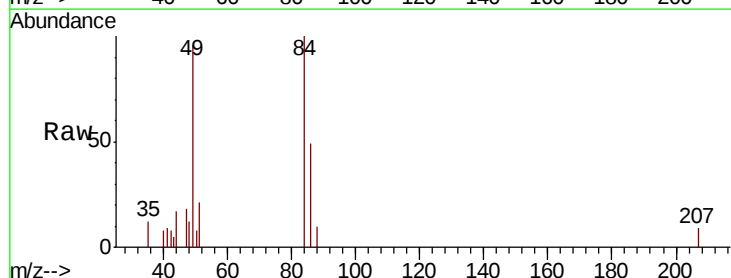
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1107-S-DH-11

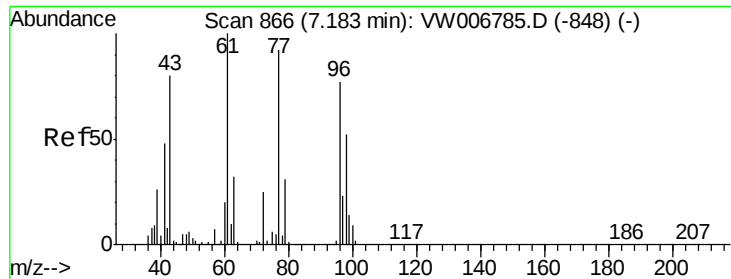
Tot Ion: 43 Resp: 25318
Ion Ratio Lower Upper
43 100
58 32.2 25.4 38.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006793.D
Acq: 09 Nov 2018 18:33

Tgt Ion: 84 Resp: 3276
Ion Ratio Lower Upper
84 100
49 96.4 82.4 123.6
51 21.1 26.7 40.1#
86 48.8 50.4 75.6#





#25

2-Butanone

Concen: 5.900 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

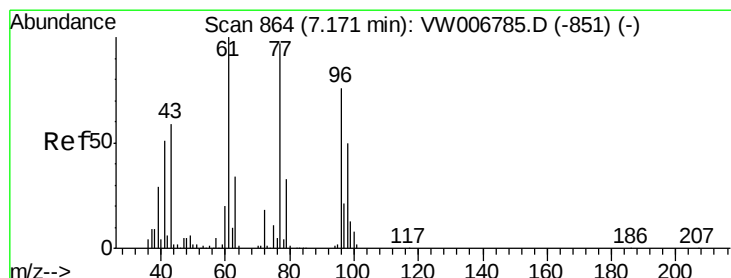
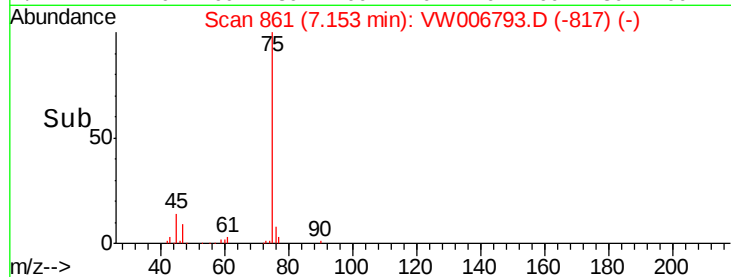
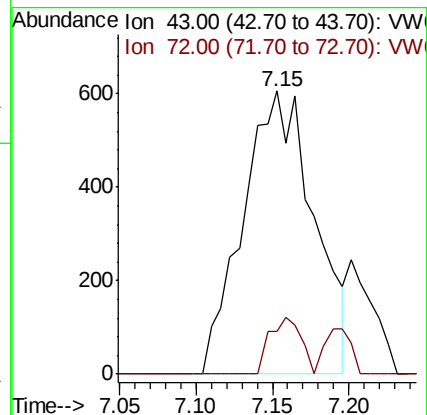
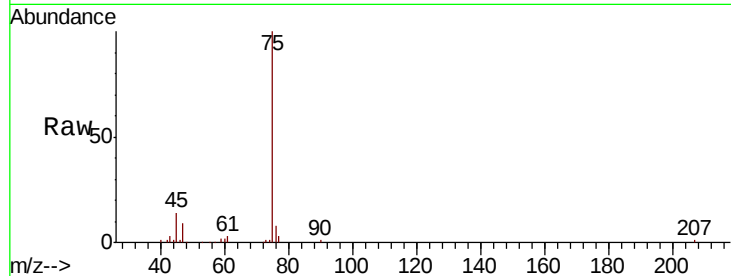
SSSI-1107-S-DH-11

Tot Ion: 43 Resp: 1949

Ion Ratio Lower Upper

43 100

72 15.2 24.5 36.7#



#26

2,2-Dichloropropane

Concen: 1.068 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006793.D

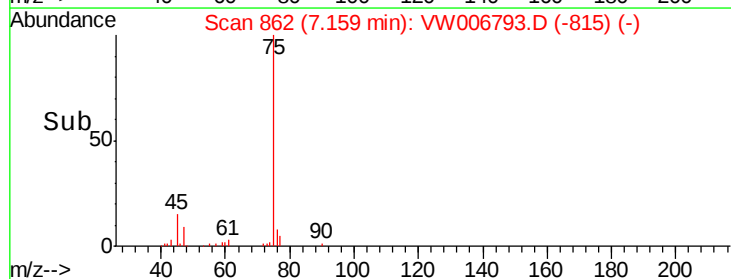
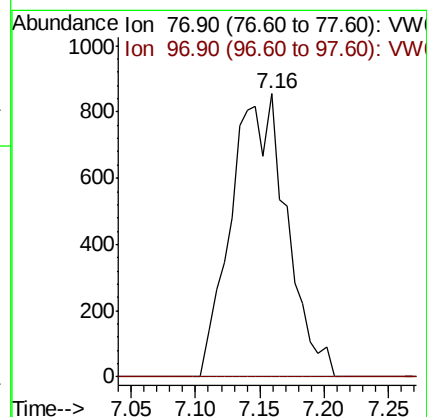
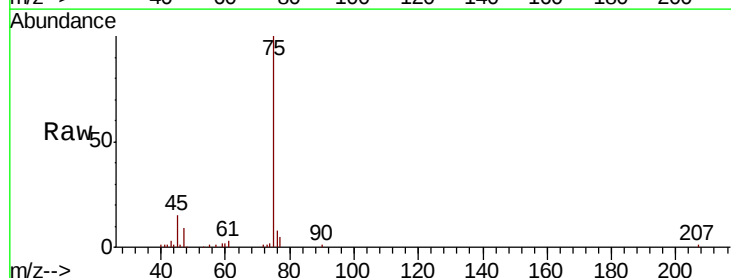
Acq: 09 Nov 2018 18:33

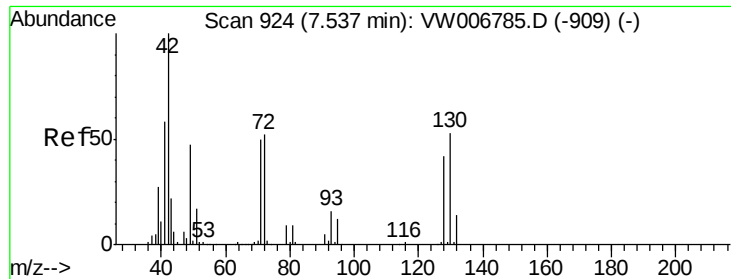
Tgt Ion: 77 Resp: 2547

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#

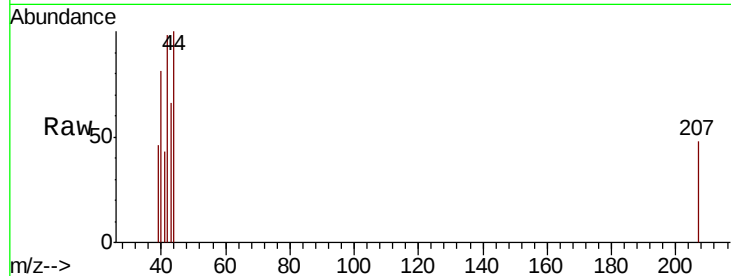




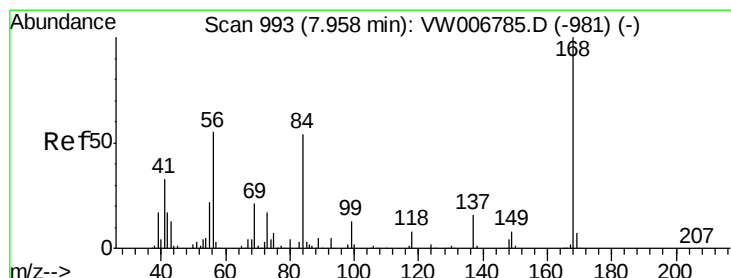
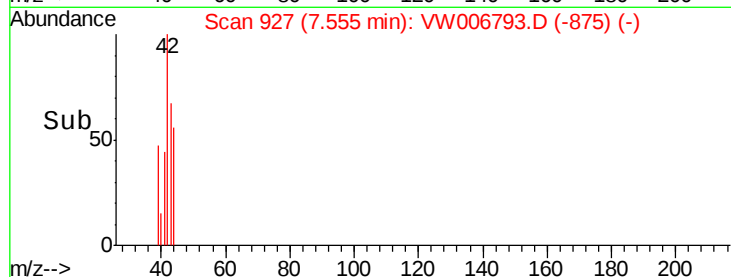
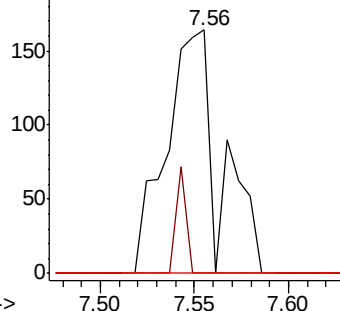
#29
Tetrahydrofuran
Concen: 1.496 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW006793.D
Acq: 09 Nov 2018 18:33

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1107-S-DH-11

Tot Ion: 42 Resp: 324
Ion Ratio Lower Upper
42 100
72 8.0 39.8 59.8#
71 0.0 37.8 56.6#

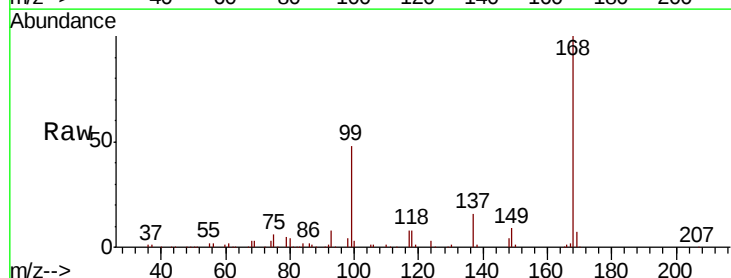


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

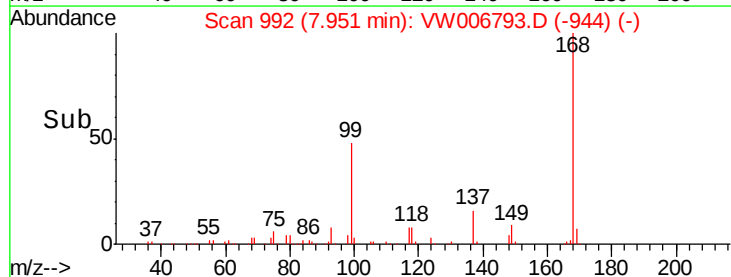
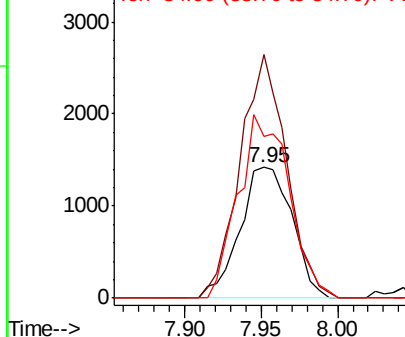


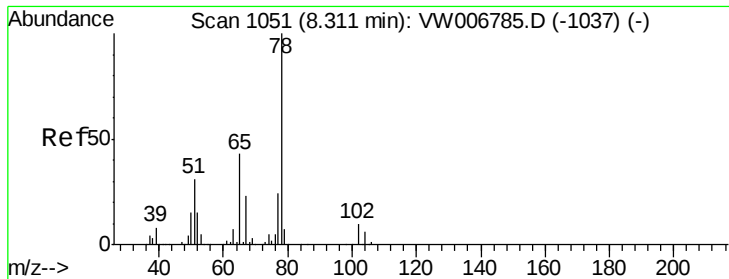
#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006793.D
Acq: 09 Nov 2018 18:33

Tgt Ion: 56 Resp: 3365
Ion Ratio Lower Upper
56 100
69 186.3 30.3 45.5#
84 123.8 78.2 117.2#



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

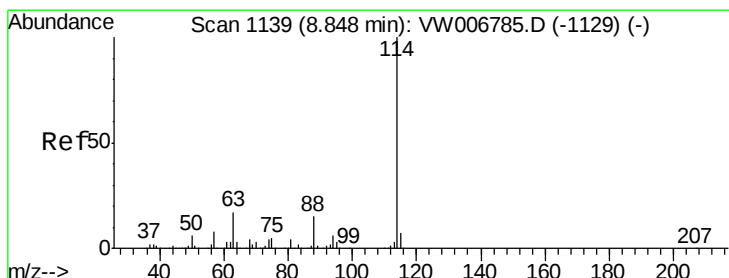
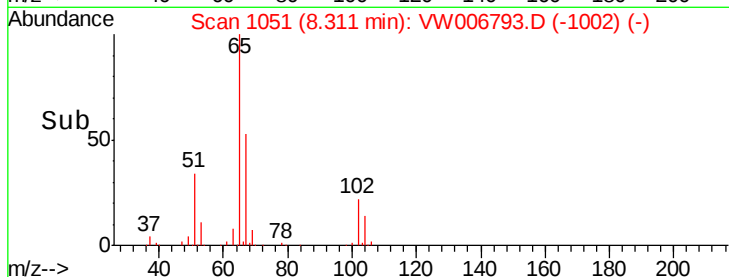
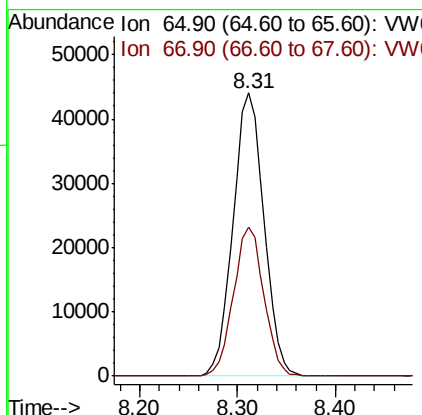
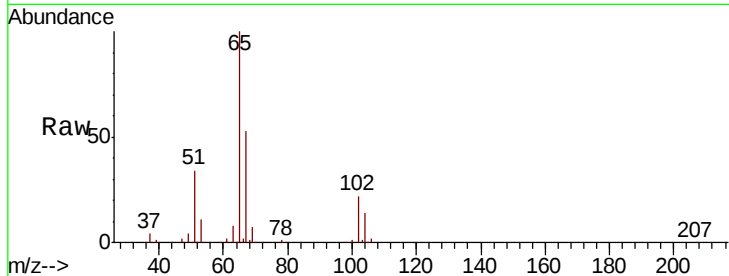




#33
 1,2-Dichloroethane-d4
 Concen: 69.958 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006793.D
 Acq: 09 Nov 2018 18:33

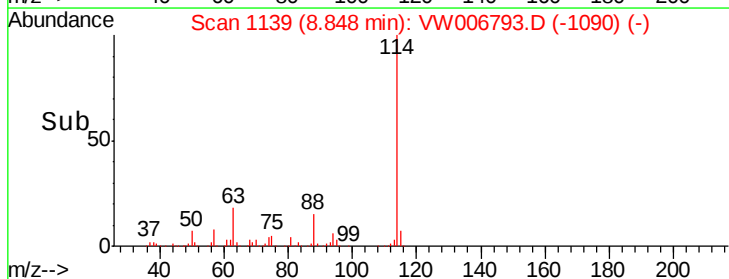
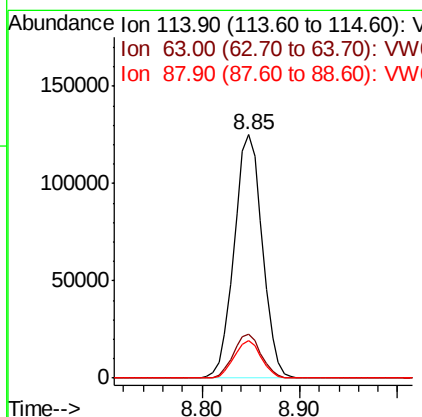
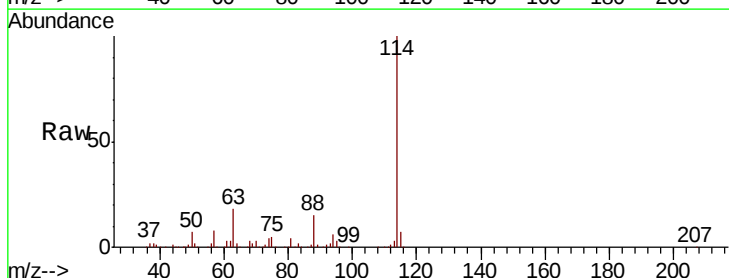
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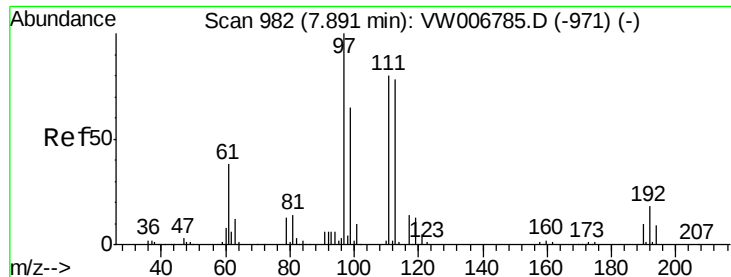
Tot Ion: 65 Resp: 96698
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006793.D
 Acq: 09 Nov 2018 18:33

Tgt Ion: 114 Resp: 250021
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 15.5 0.0 29.2

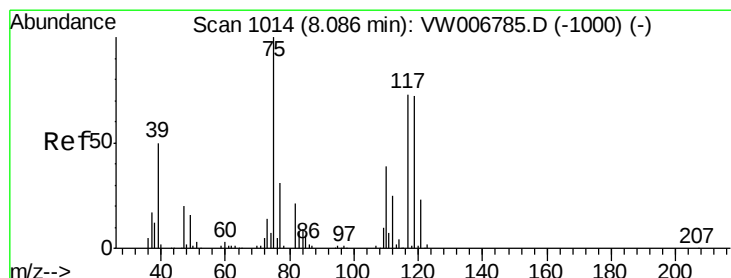
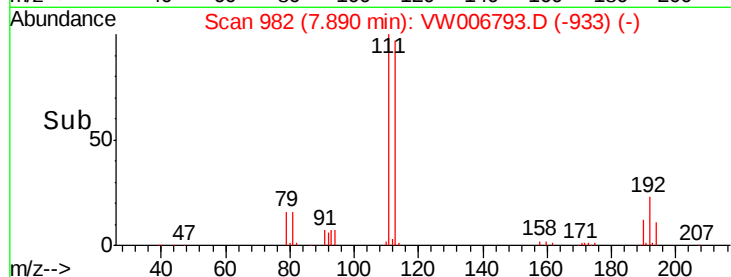
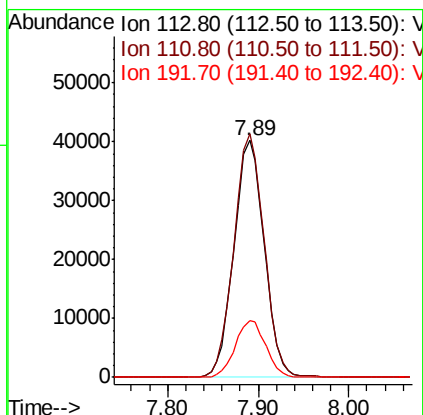
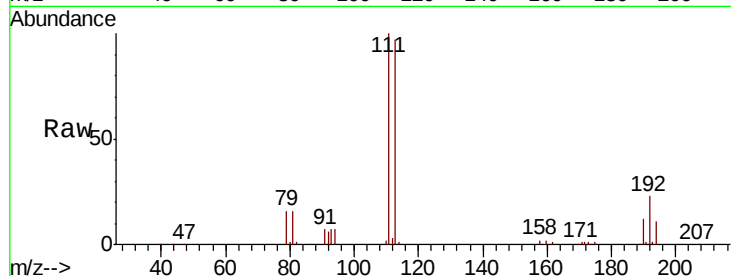




#35
 Dibromofluoromethane
 Concen: 65.689 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006793.D
 Acq: 09 Nov 2018 18:33

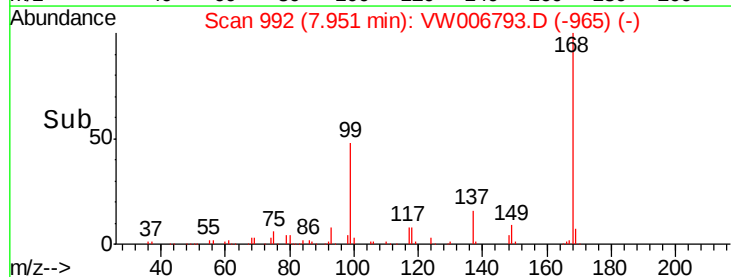
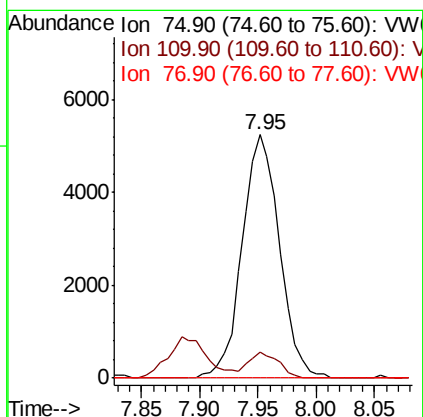
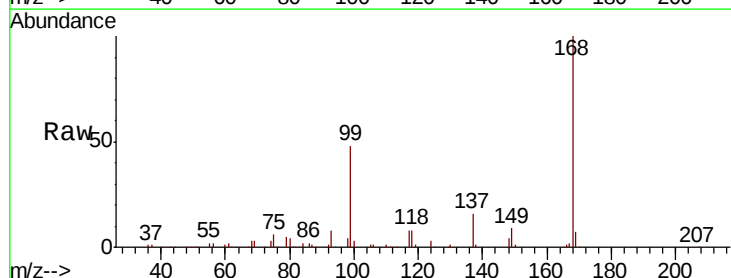
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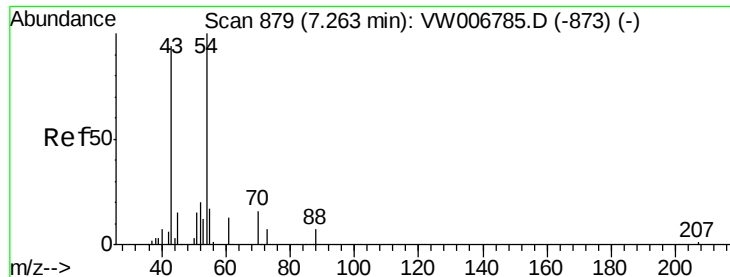
Tot Ion:113 Resp: 93480
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.2
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 5.170 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006793.D
 Acq: 09 Nov 2018 18:33

Tgt Ion: 75 Resp: 11729
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.6 58.7#
 77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 2.419 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.11 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1107-S-DH-11

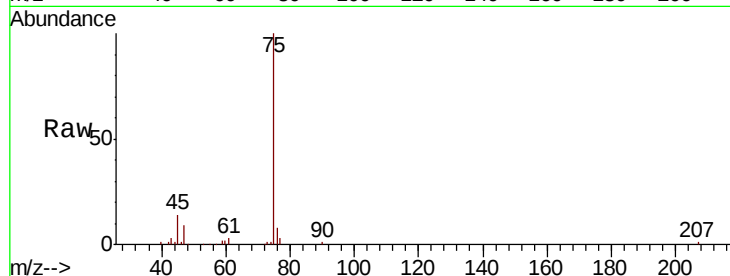
Tot Ion: 43 Resp: 1949

Ion Ratio Lower Upper

43 100

61 83.5 12.2 18.2#

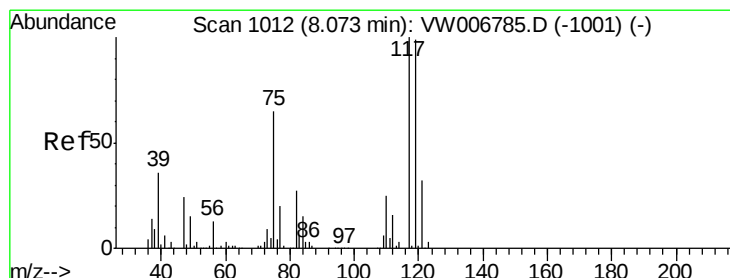
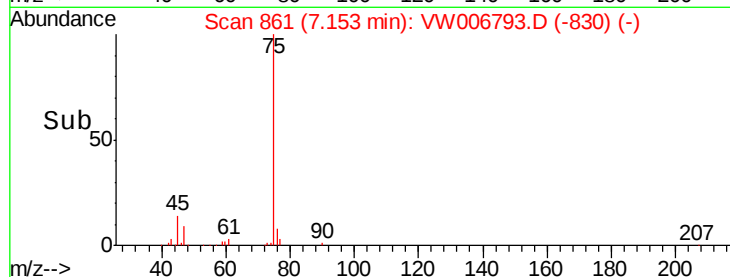
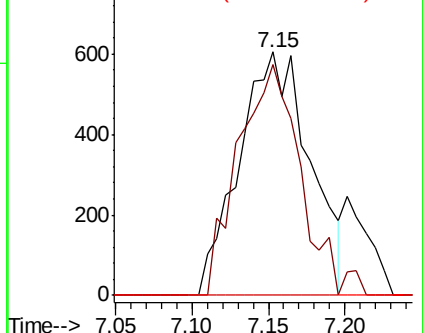
70 0.0 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.774 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

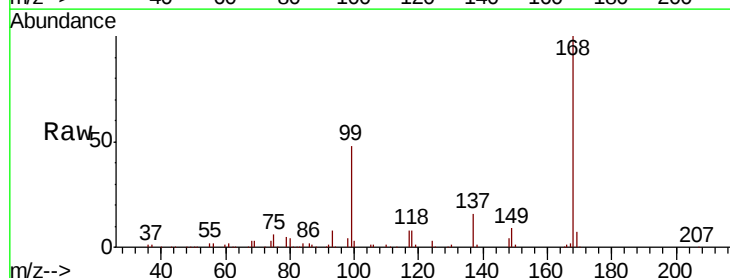
Tgt Ion: 117 Resp: 16420

Ion Ratio Lower Upper

117 100

119 7.4 78.9 118.3#

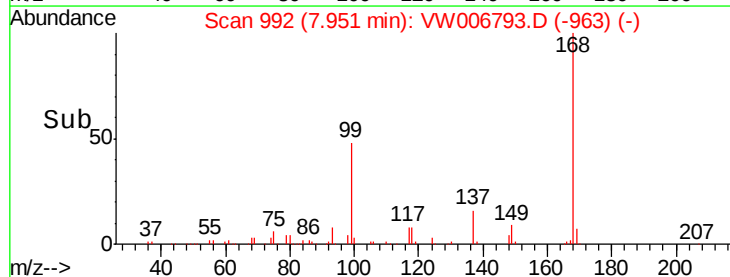
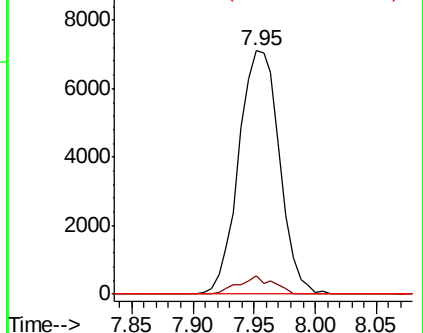
121 0.0 25.3 37.9#

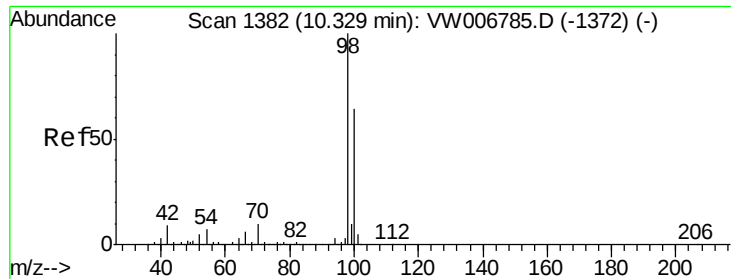


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 61.534 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

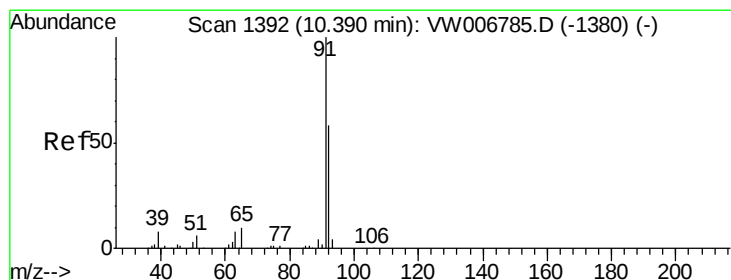
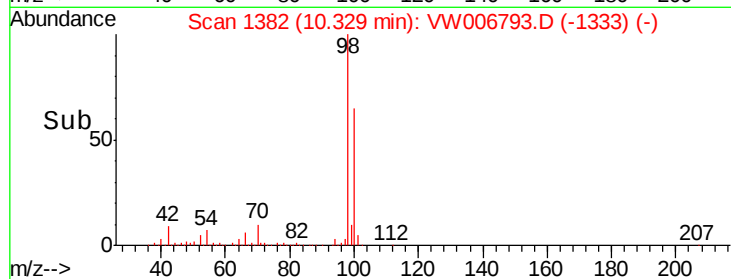
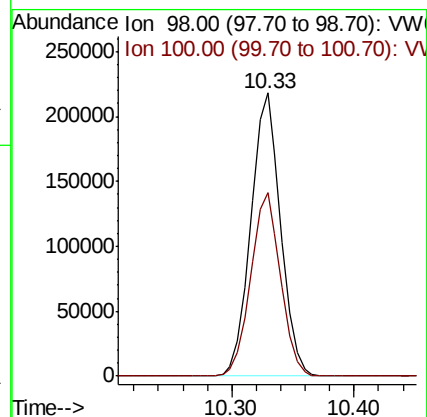
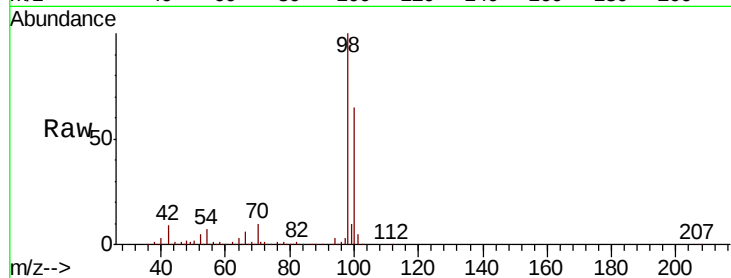
SSSI-1107-S-DH-11

Tot Ion: 98 Resp: 368540

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#52

Toluene

Concen: 1.192 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006793.D

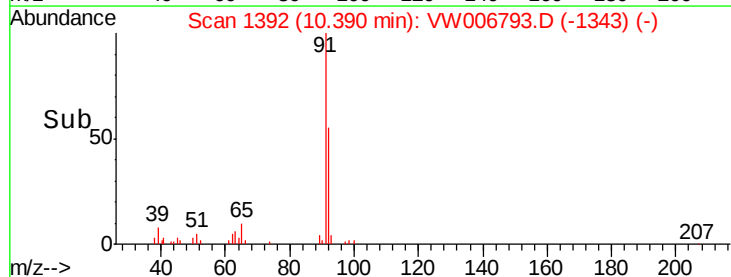
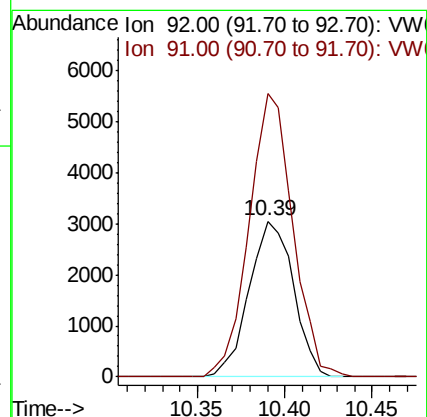
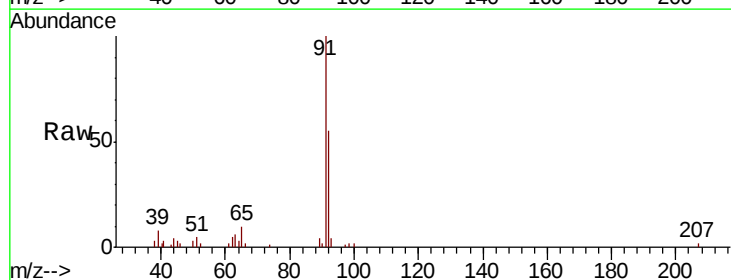
Acq: 09 Nov 2018 18:33

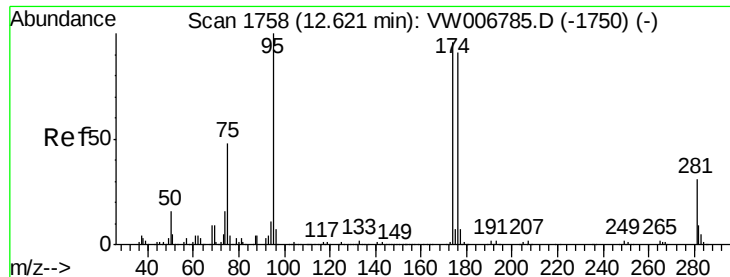
Tgt Ion: 92 Resp: 5368

Ion Ratio Lower Upper

92 100

91 179.7 138.6 207.8





#62

4-Bromofluorobenzene

Concen: 52.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1107-S-DH-11

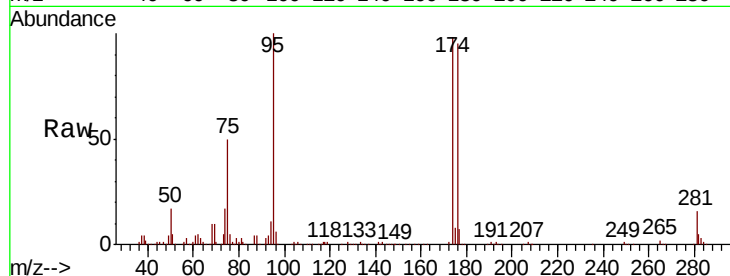
Tot Ion: 95 Resp: 114864

Ion Ratio Lower Upper

95 100

174 99.3 0.0 196.2

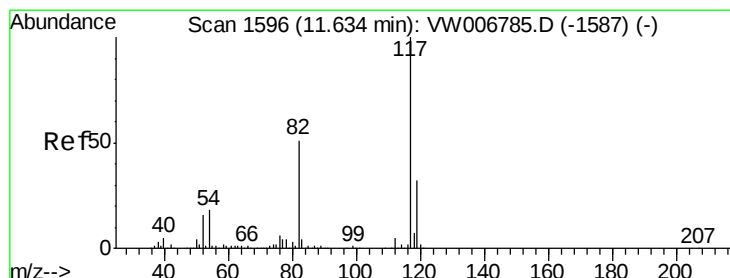
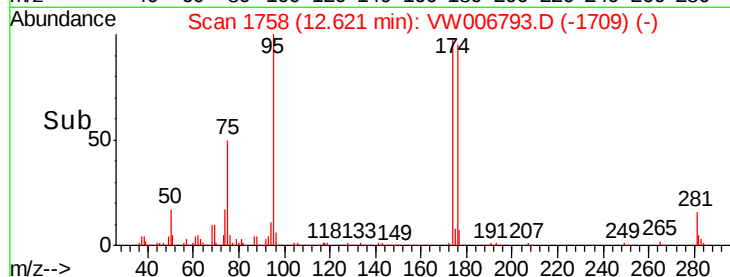
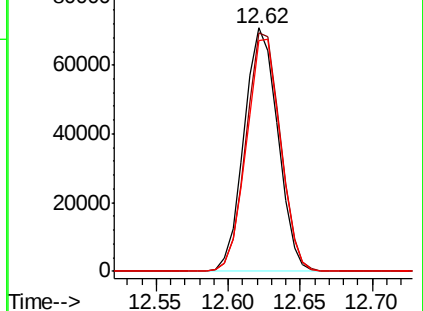
176 96.0 0.0 190.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

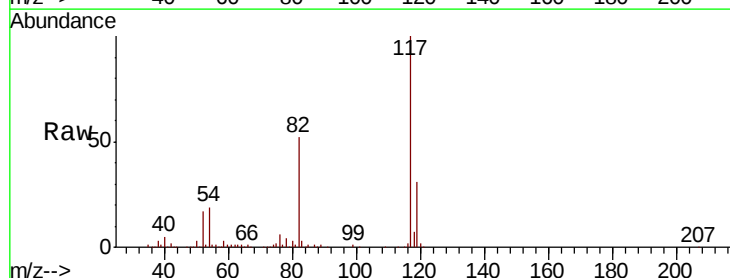
Tgt Ion: 117 Resp: 233023

Ion Ratio Lower Upper

117 100

82 52.1 40.9 61.3

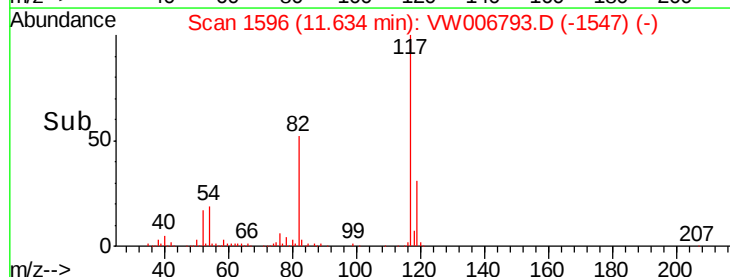
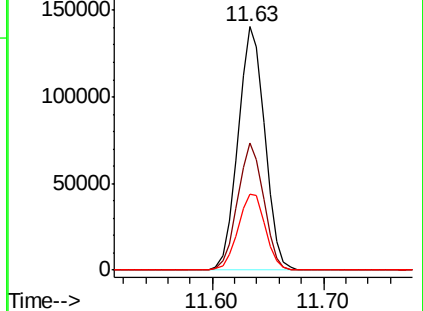
119 31.4 25.8 38.8

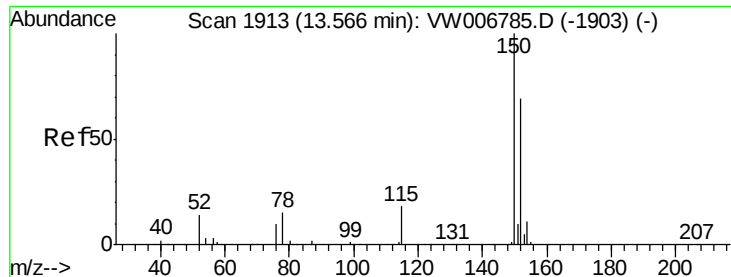


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1107-S-DH-11

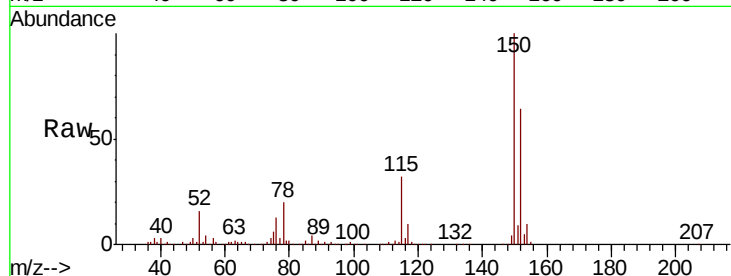
Tot Ion:152 Resp: 107847

Ion Ratio Lower Upper

152 100

115 54.5 26.7 80.0

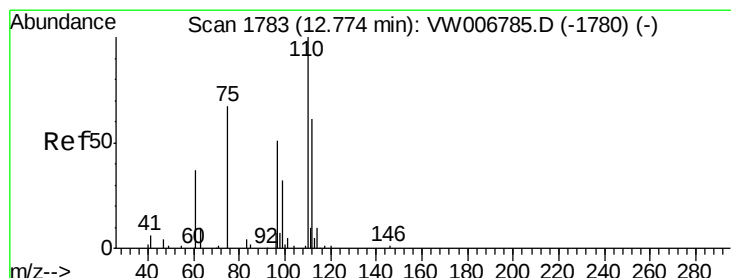
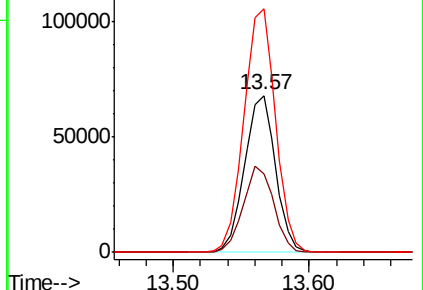
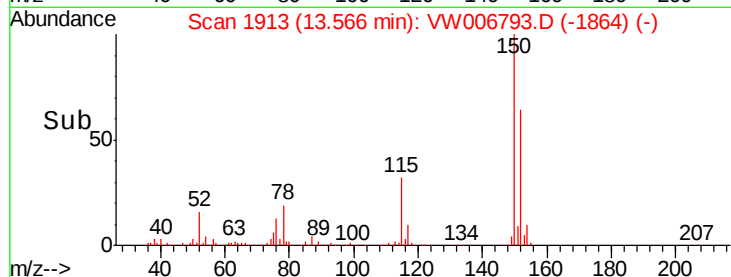
150 158.9 0.0 348.0



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: 71.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006793.D

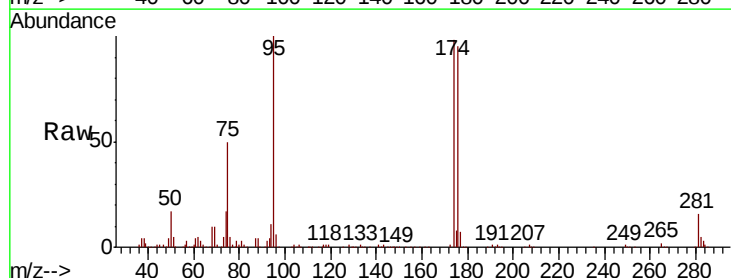
Acq: 09 Nov 2018 18:33

Tgt Ion: 75 Resp: 56227

Ion Ratio Lower Upper

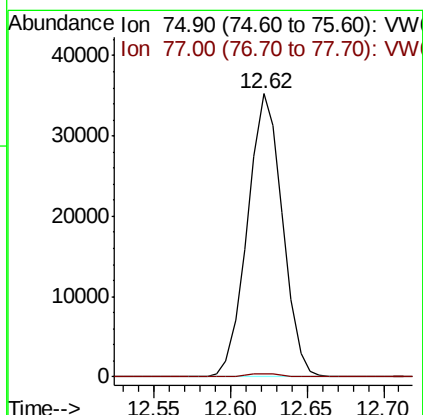
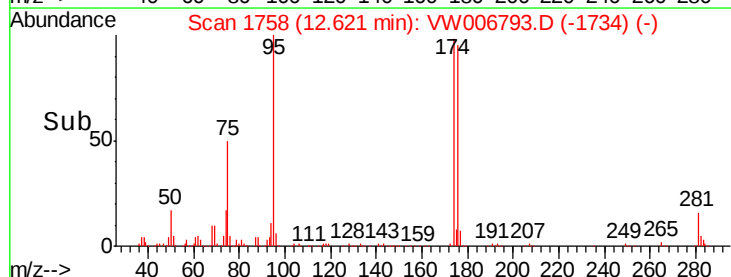
75 100

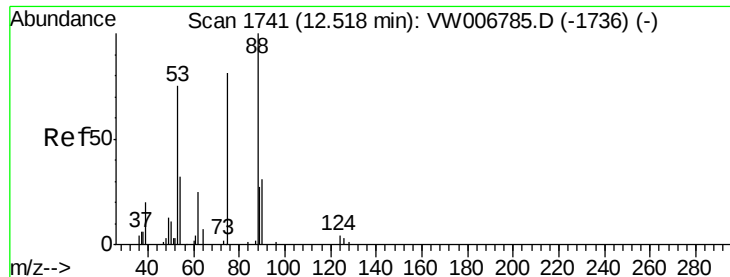
77 1.3 0.0 0.0#



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: 190.084 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006793.D

Acq: 09 Nov 2018 18:33

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1107-S-DH-11

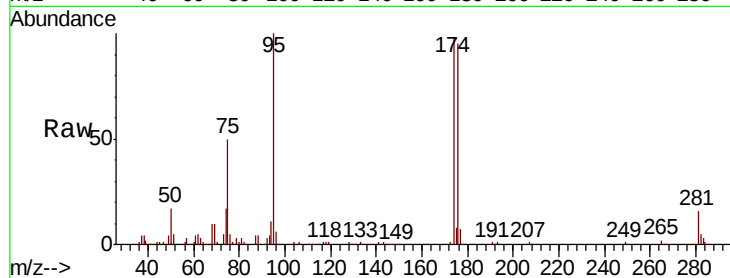
Tot Ion: 75 Resp: 56227

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.1 38.1 57.1#



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

