

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006182.D
 Acq On : 18 Oct 2018 18:02
 Operator : VA/AP
 Sample : J5575-17
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-B

Quant Time: Oct 19 06:03:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106784	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	7.88	113	105926	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.33	98	390781	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.62	95	145625	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

Target Compounds

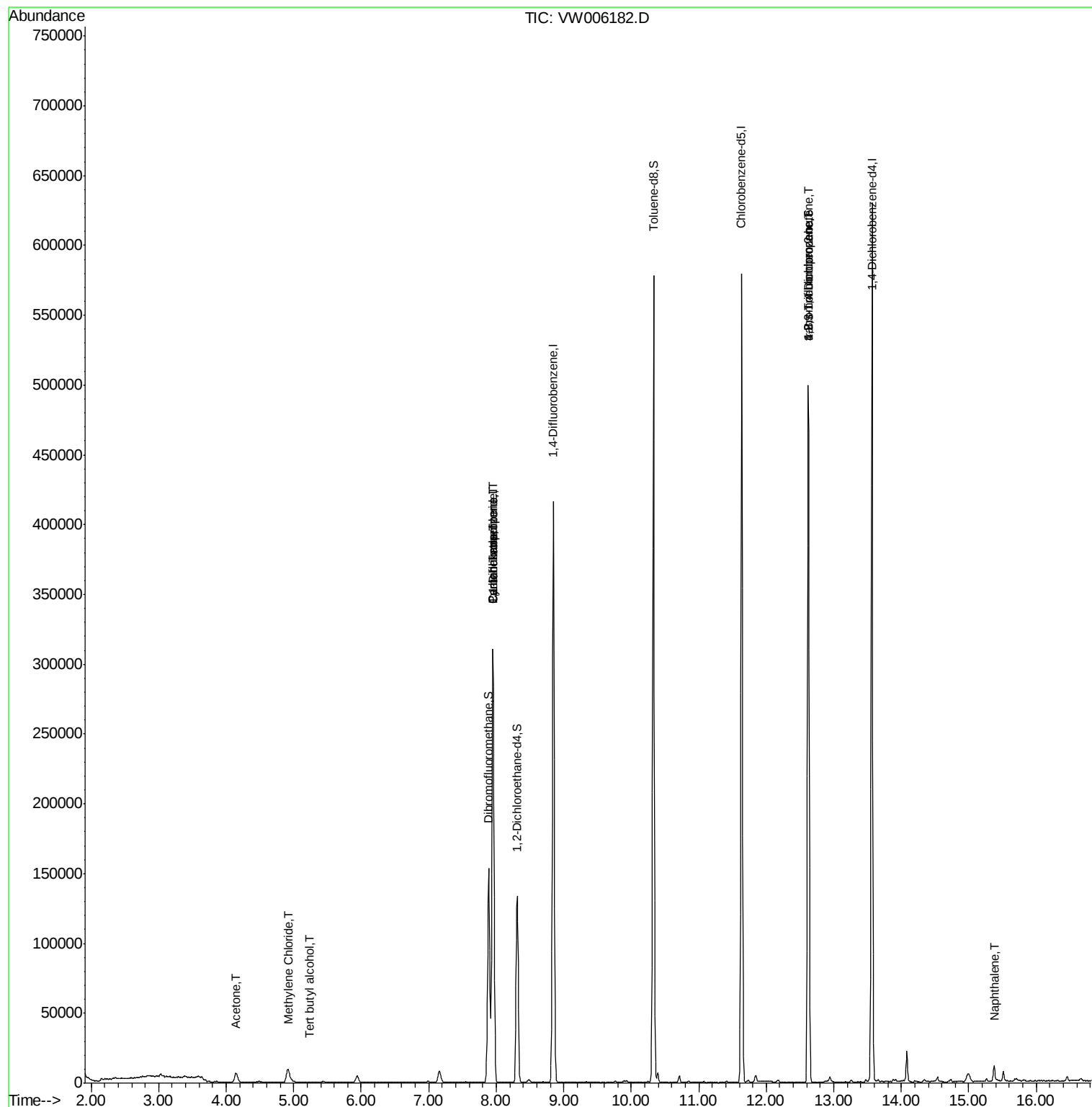
						Qvalue
11) Tert butyl alcohol	5.24	59	252	1.802	ug/l #	71
16) Acetone	4.14	43	13843	21.977	ug/l	94
20) Methylene Chloride	4.92	84	7933	2.044	ug/l	97
31) Cyclohexane	7.95	56	4605	1.210	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	16472	4.892	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22678	6.144	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	74346	55.204	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74346	131.958	ug/l #	10
95) Naphthalene	15.38	128	10779	1.555	ug/l	99

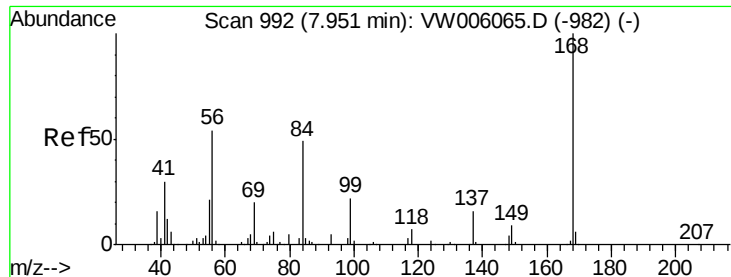
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSSI-1015-S-DH-24-B

Quant Time: Oct 19 06:03:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

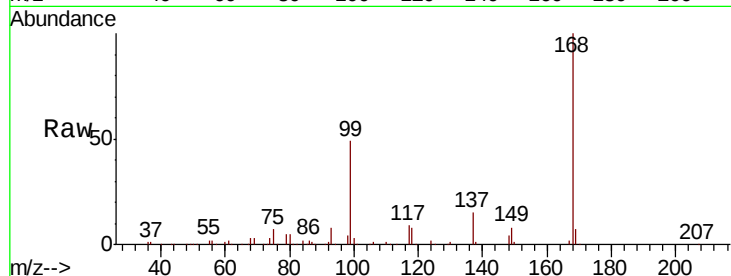
SSSI-1015-S-DH-24-B

Tot Ion:168 Resp: 250851

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

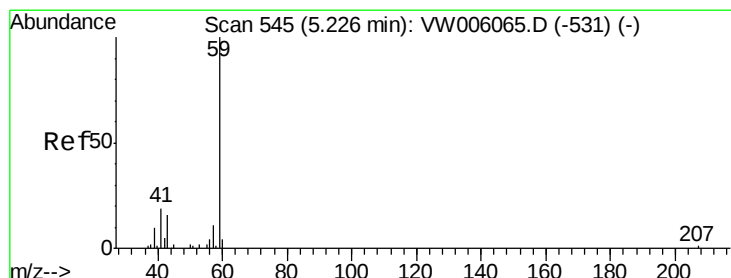
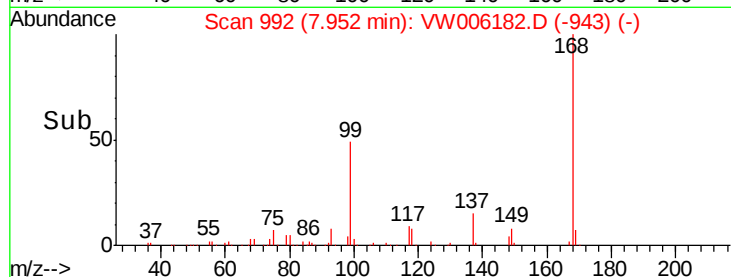
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.802 ug/l

RT: 5.24 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW006182.D

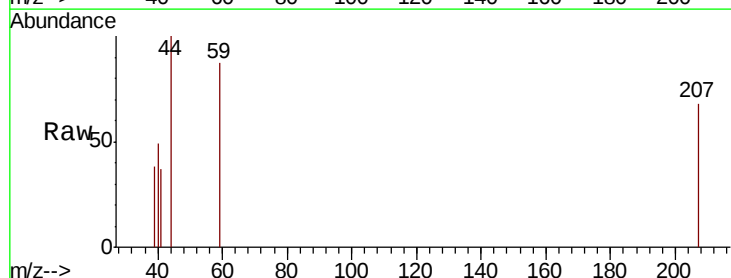
Acq: 18 Oct 2018 18:02

Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

200

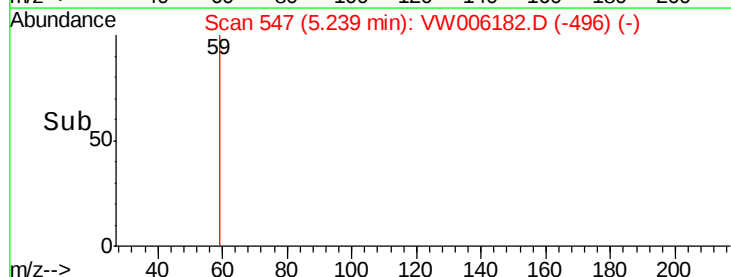
150

100

50

0

Time-->





#16

Acetone

Concen: 21.977 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

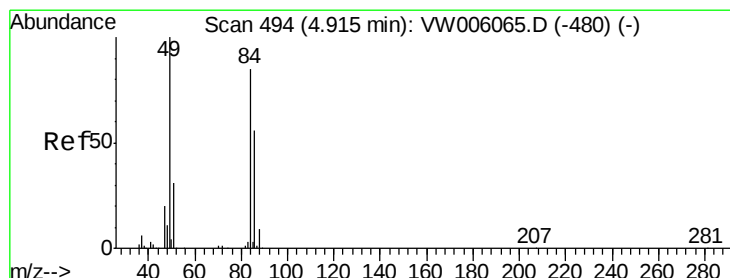
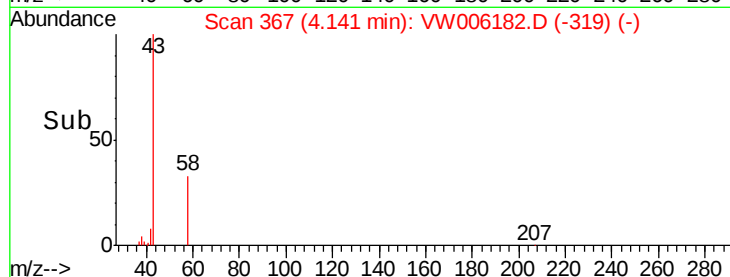
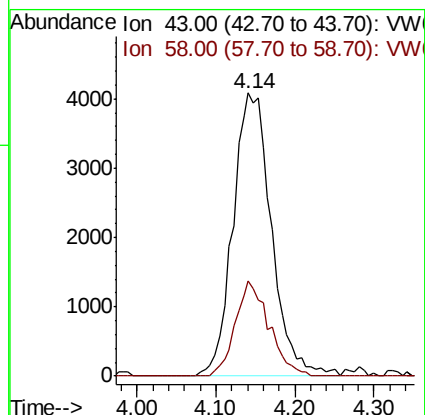
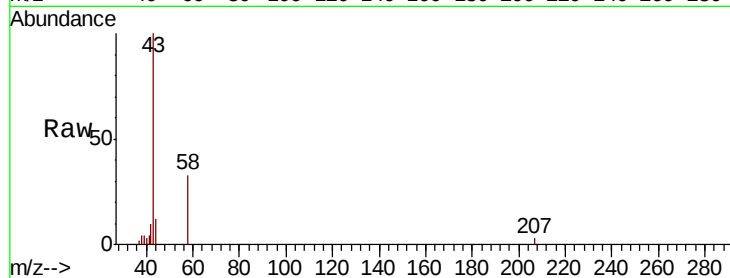
SSSI-1015-S-DH-24-B

Tot Ion: 43 Resp: 13843

Ion Ratio Lower Upper

43 100

58 33.5 24.0 36.0



#20

Methylene Chloride

Concen: 2.044 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Tgt Ion: 84 Resp: 7933

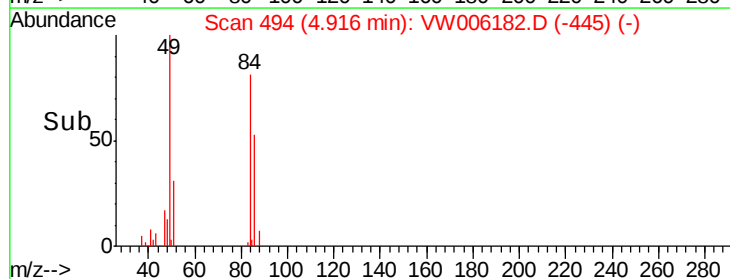
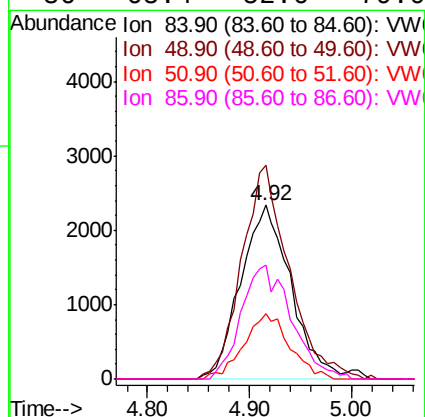
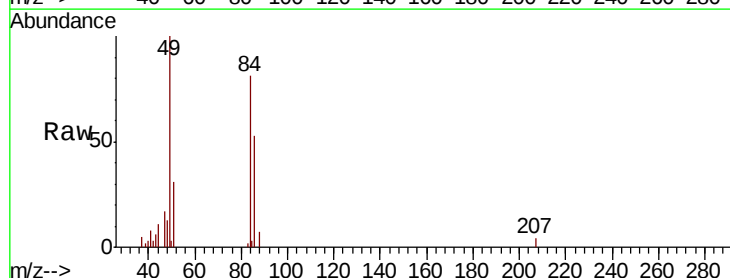
Ion Ratio Lower Upper

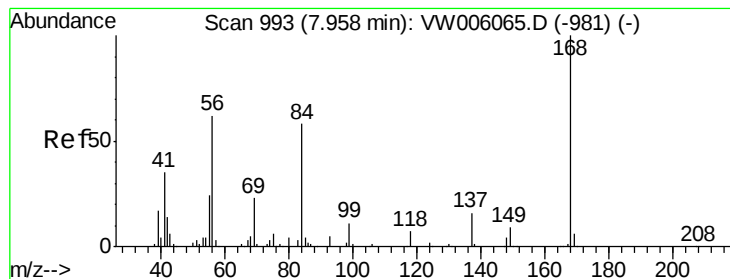
84 100

49 123.0 93.6 140.4

51 37.6 29.0 43.4

86 65.4 52.6 79.0





#31

Cyclohexane

Concen: 1.210 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1015-S-DH-24-B

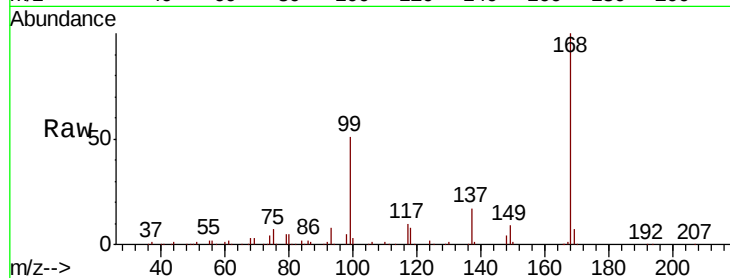
Tot Ion: 56 Resp: 4605

Ion Ratio Lower Upper

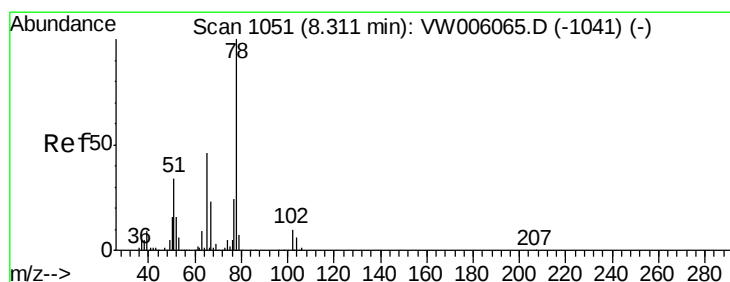
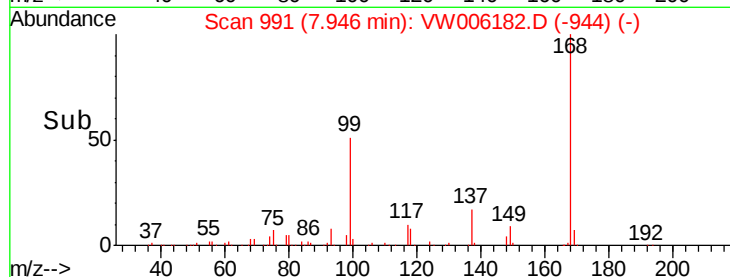
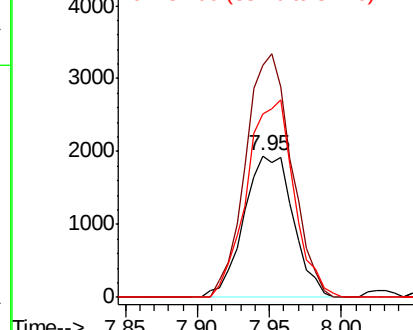
56 100

69 164.5 29.4 44.0#

84 130.2 74.0 111.0#



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: 51.346 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006182.D

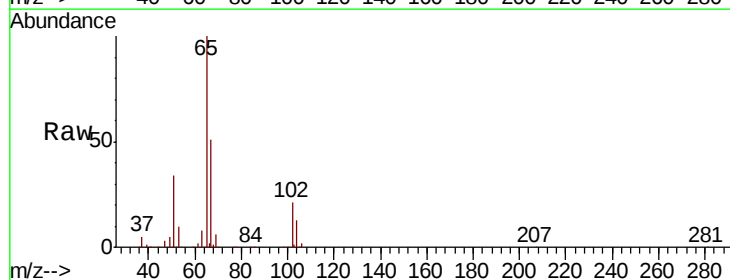
Acq: 18 Oct 2018 18:02

Tgt Ion: 65 Resp: 106784

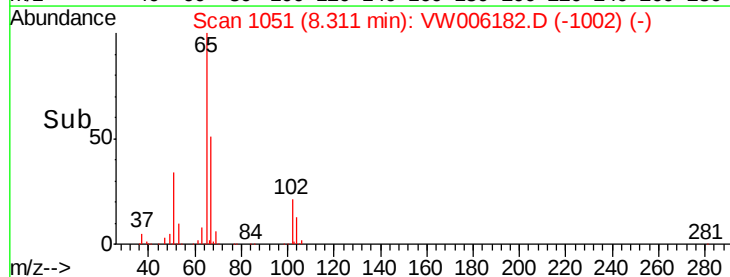
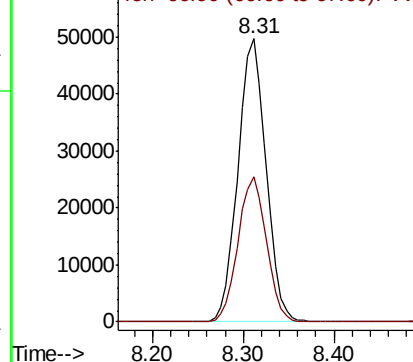
Ion Ratio Lower Upper

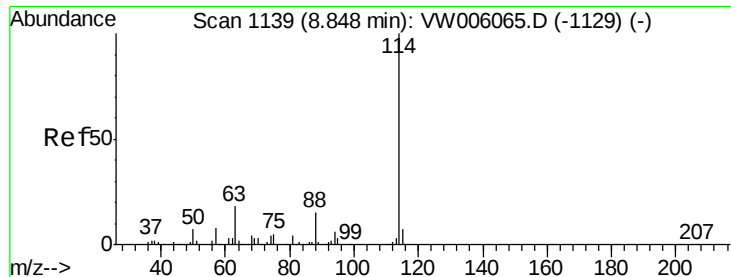
65 100

67 51.9 0.0 101.0



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

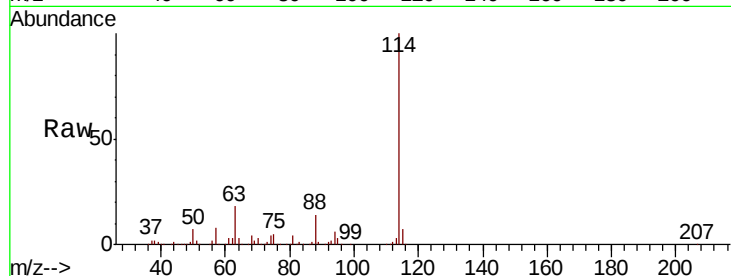




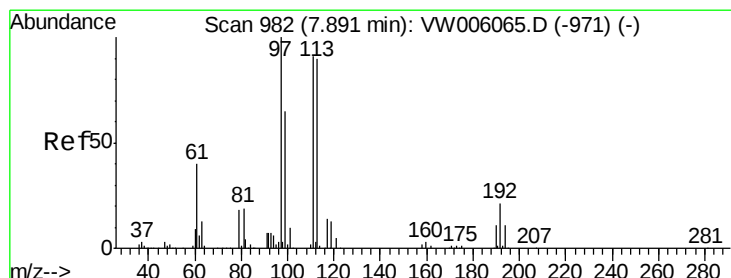
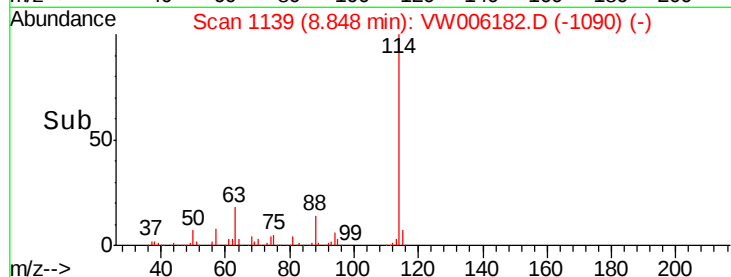
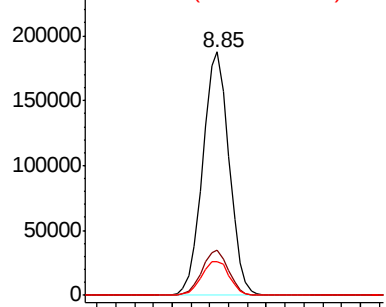
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006182.D
 Acq: 18 Oct 2018 18:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	14.0	0.0	29.0

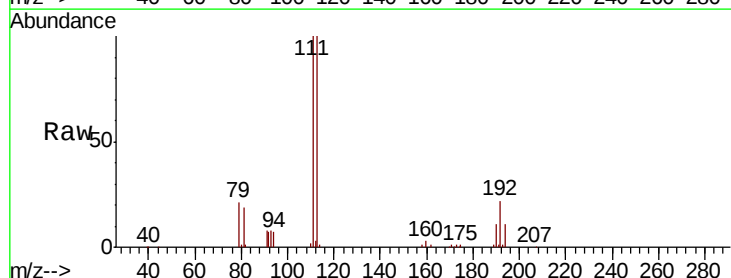


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

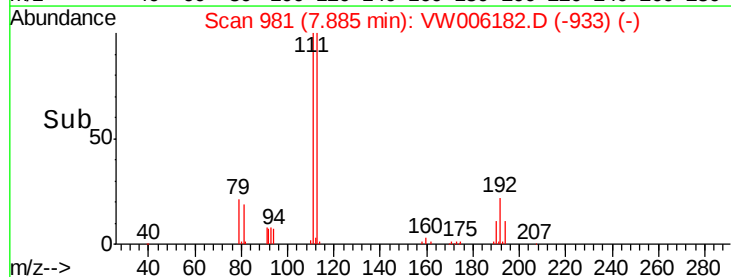
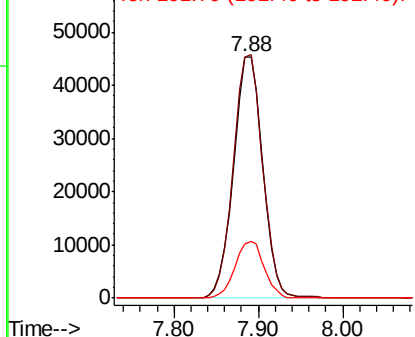


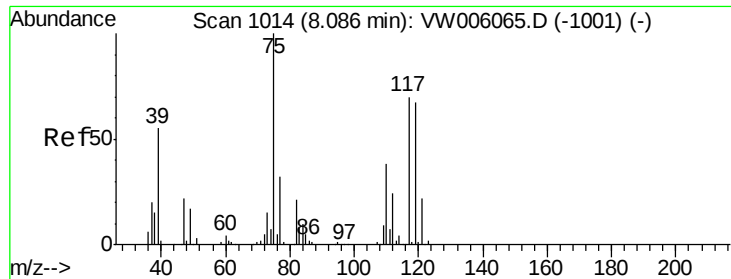
#35
 Dibromofluoromethane
 Concen: 49.076 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006182.D
 Acq: 18 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.0
192	23.3	18.7	28.1



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

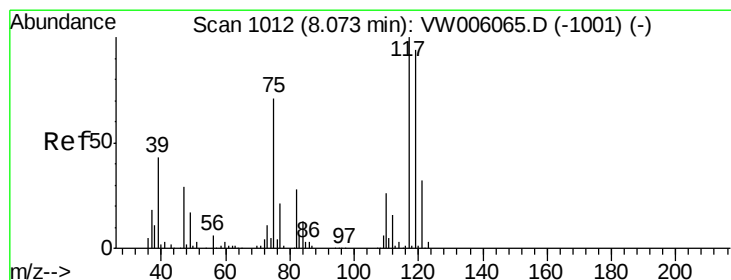
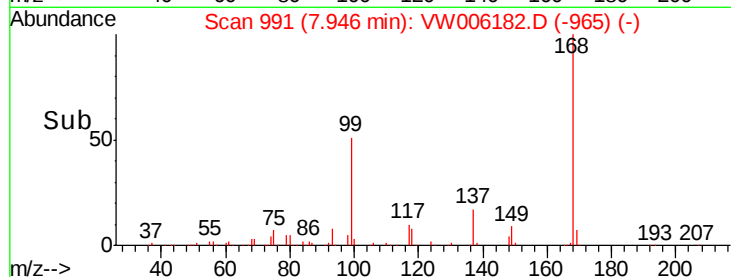
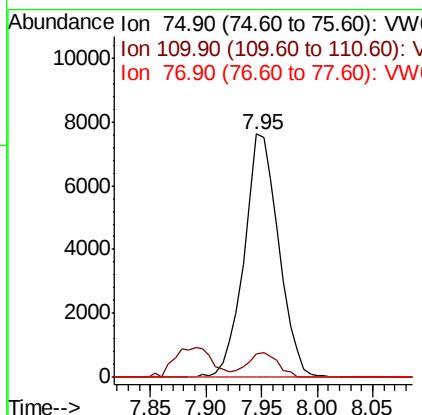
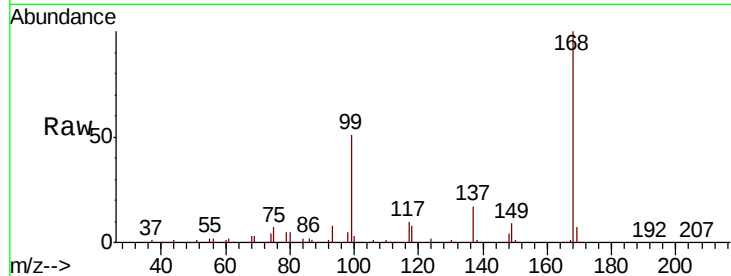




#36
 1,1-Dichloropropene
 Concen: 4.892 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006182.D
 Acq: 18 Oct 2018 18:02

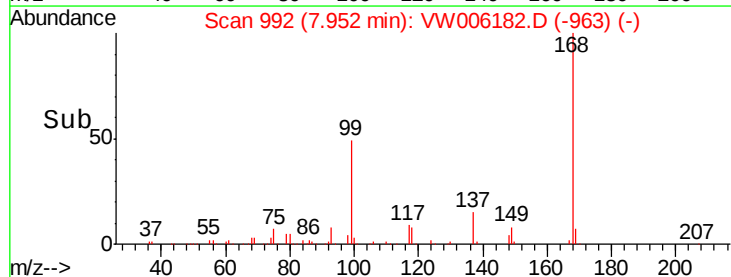
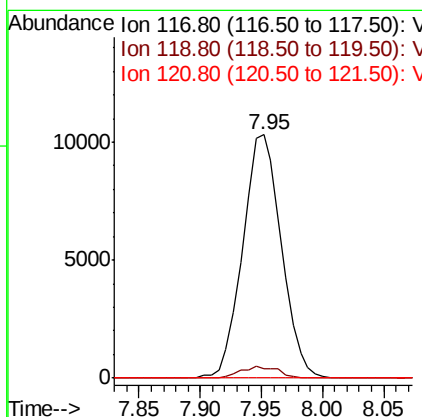
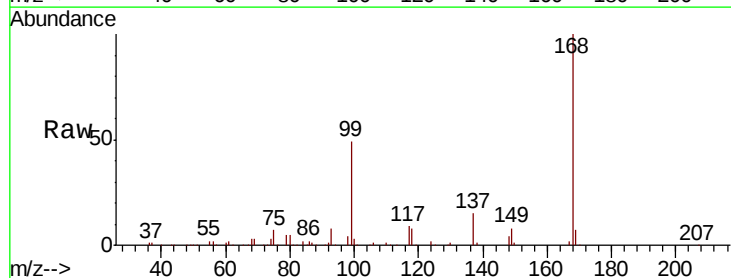
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1015-S-DH-24-B

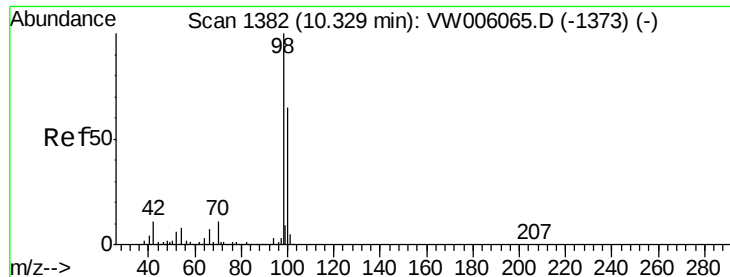
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.144 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006182.D
 Acq: 18 Oct 2018 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 47.588 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

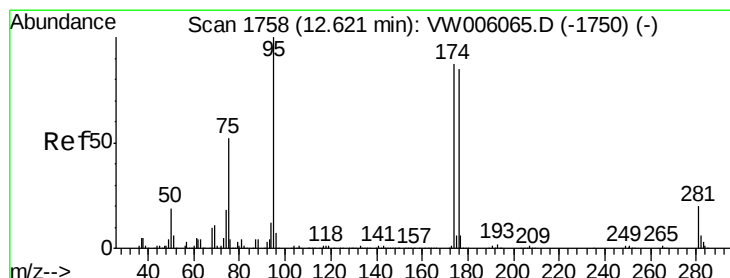
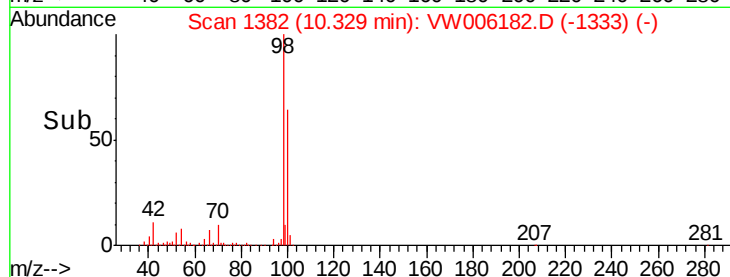
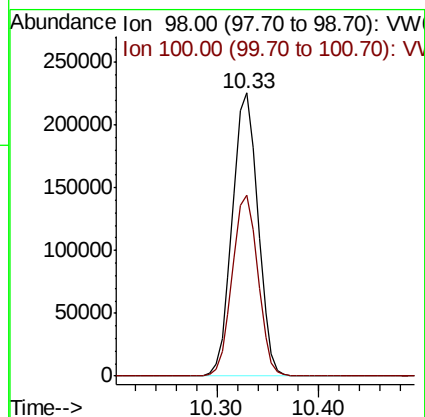
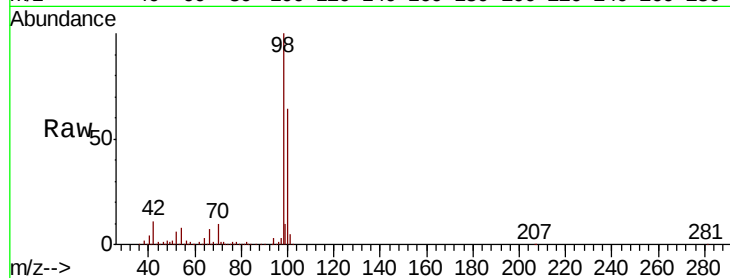
SSSI-1015-S-DH-24-B

Tot Ion: 98 Resp: 390781

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.216 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

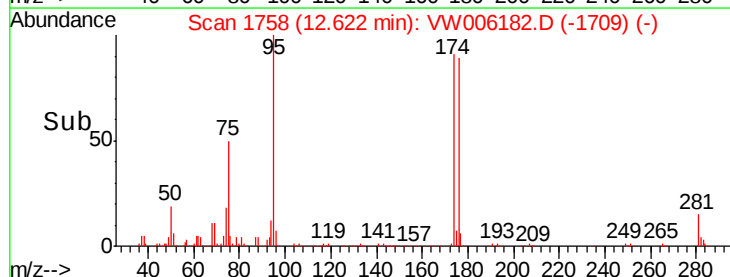
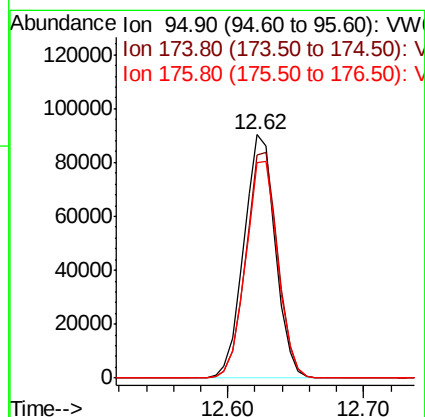
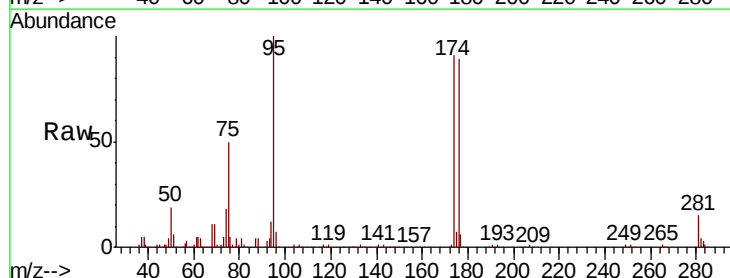
Tgt Ion: 95 Resp: 145625

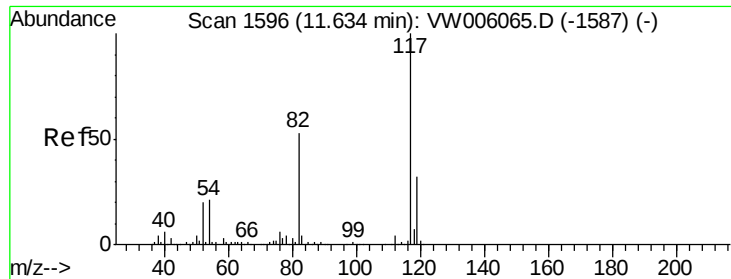
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 91.3 0.0 181.6

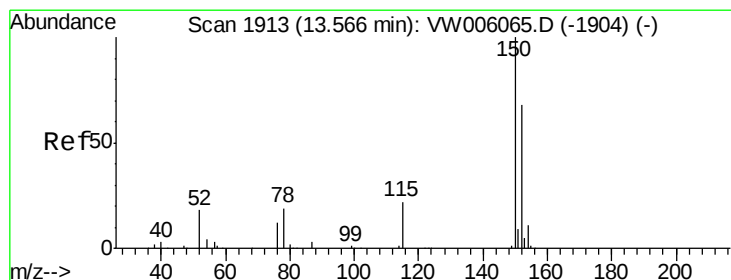
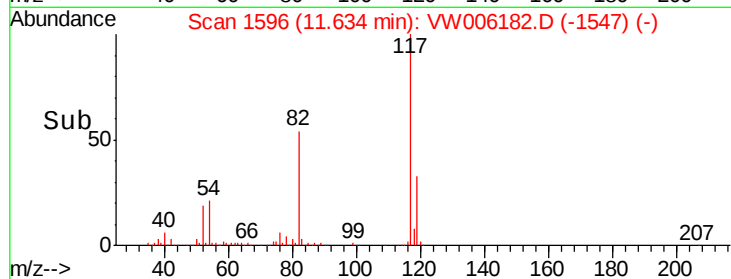
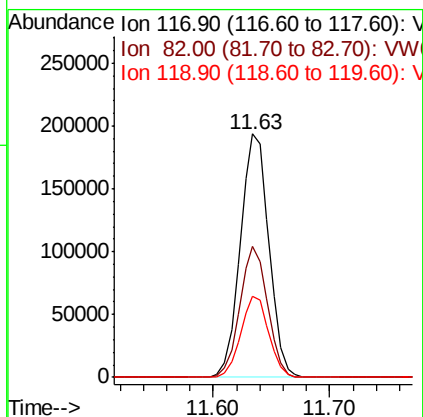
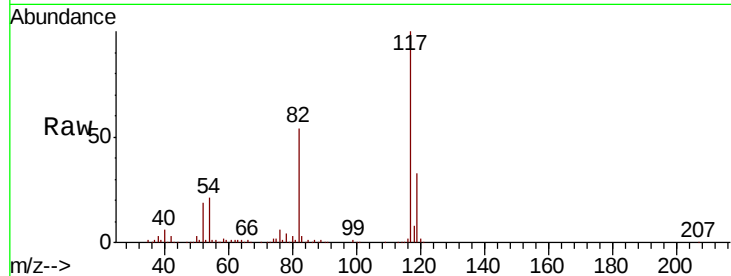




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

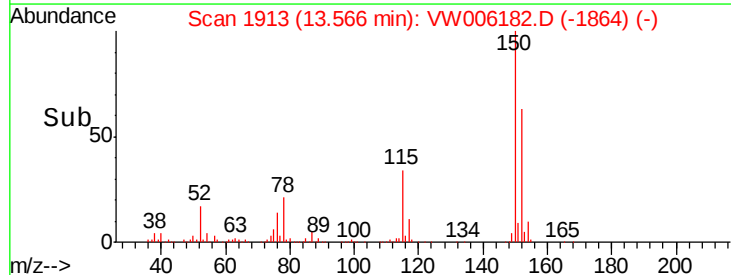
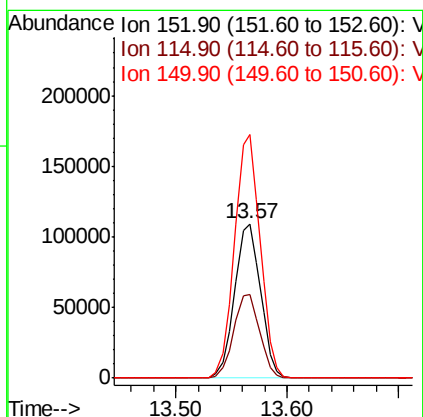
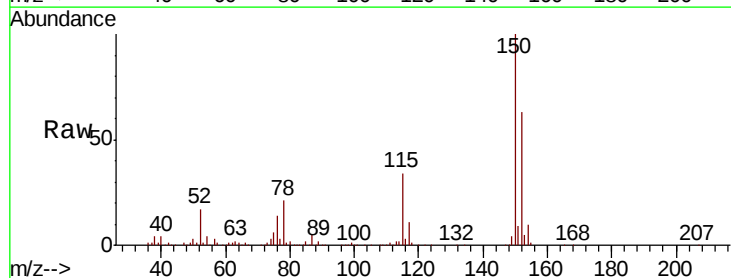
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-B

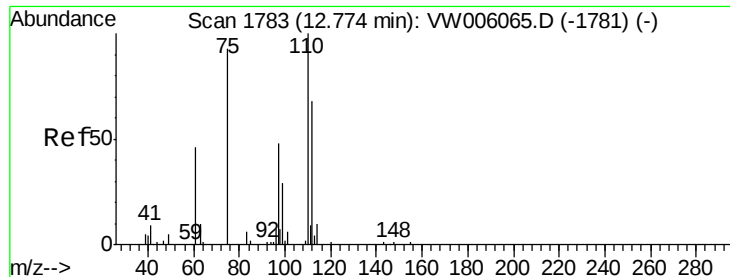
Tot Ion:117 Resp: 330929
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

Tgt Ion:152 Resp: 176323
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 155.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 55.204 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

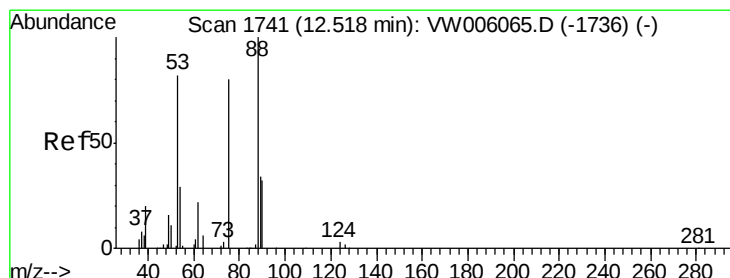
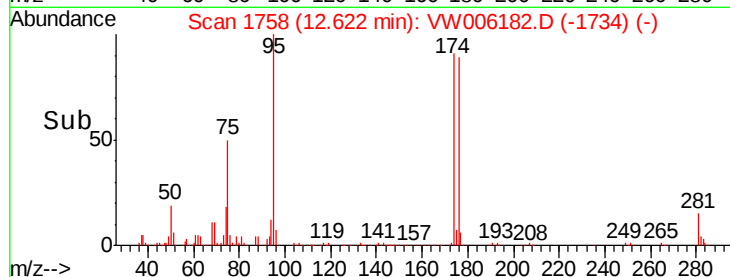
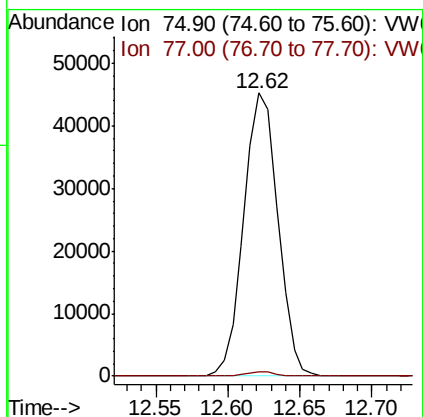
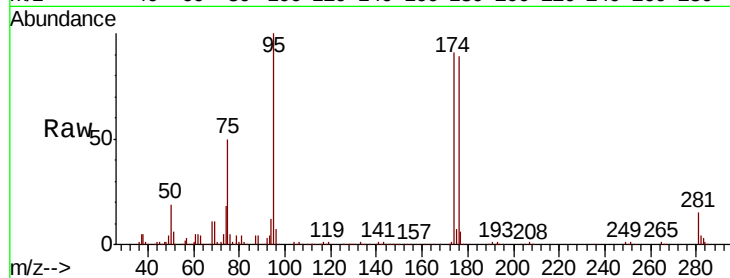
SSSI-1015-S-DH-24-B

Tot Ion: 75 Resp: 74346

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.958 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006182.D

Acq: 18 Oct 2018 18:02

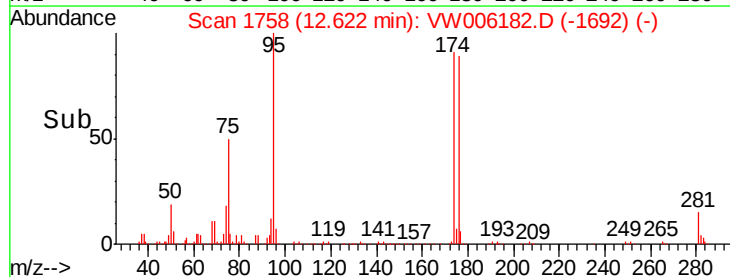
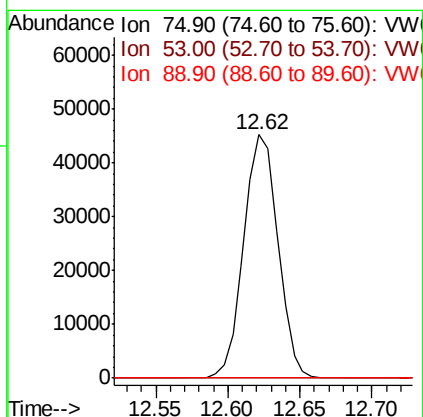
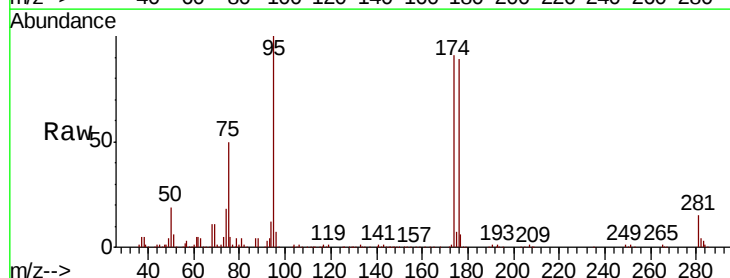
Tgt Ion: 75 Resp: 74346

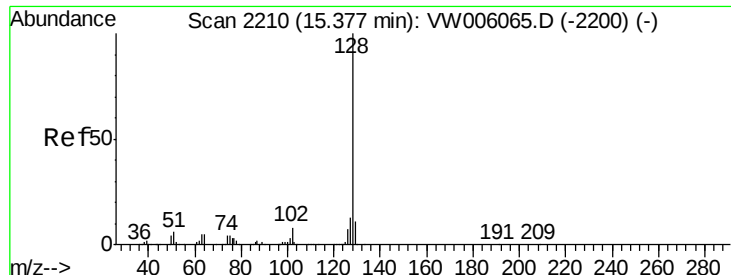
Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

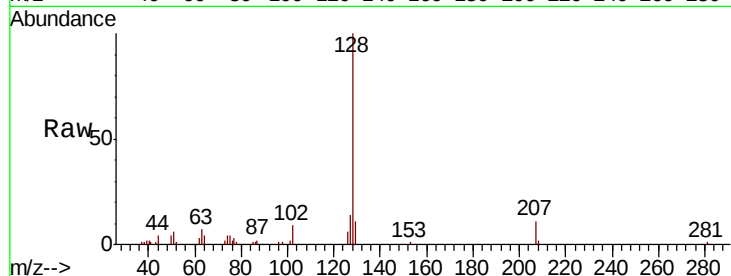




#95
Naphthalene
Concen: 1.555 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006182.D
Acq: 18 Oct 2018 18:02

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1015-S-DH-24-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

