

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006133.D
 Acq On : 17 Oct 2018 18:11
 Operator : VA/AP
 Sample : J5577-03
 Misc : 6.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-21

Quant Time: Oct 18 10:43:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	421284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112447	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	7.89	113	111928	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
50) Toluene-d8	10.33	98	414082	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.62	95	152472	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	

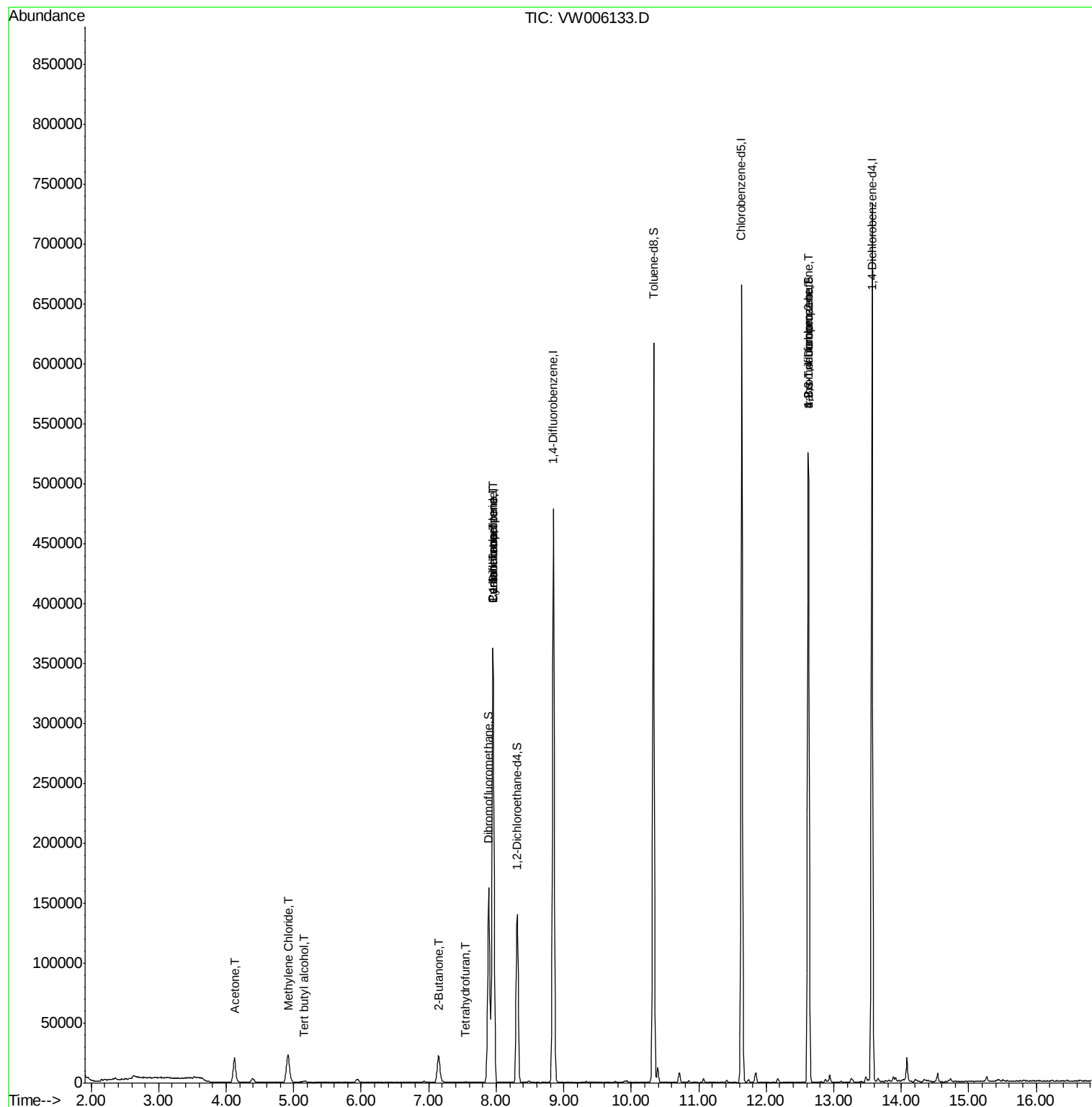
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	2251	13.77	ug/l #	74
16) Acetone	4.12	43	34578	64.86	ug/l	96
20) Methylene Chloride	4.91	84	19326	6.08	ug/l	95
25) 2-Butanone	7.14	43	1669	2.54	ug/l #	69
29) Tetrahydrofuran	7.54	42	511	1.27	ug/l #	42
31) Cyclohexane	7.95	56	5351	1.20	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	18808	4.84	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25637	6.02	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	79160	51.38	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79160	122.82	ug/l #	10

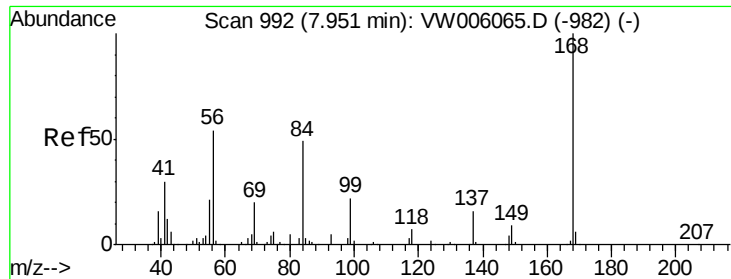
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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Quant Time: Oct 18 10:43:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

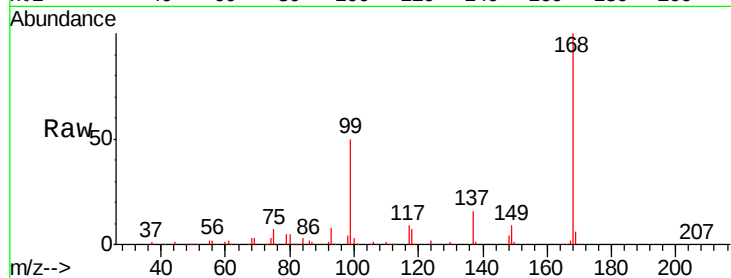
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-21

Tgt Ion: 168 Resp: 293209

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

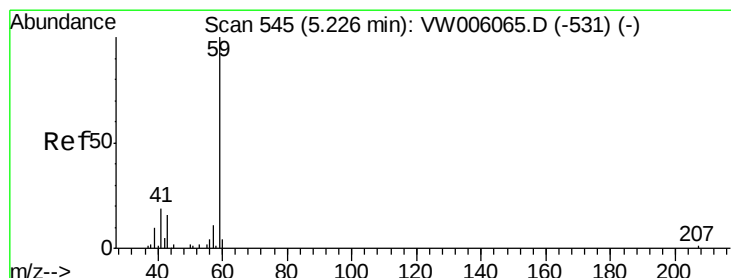
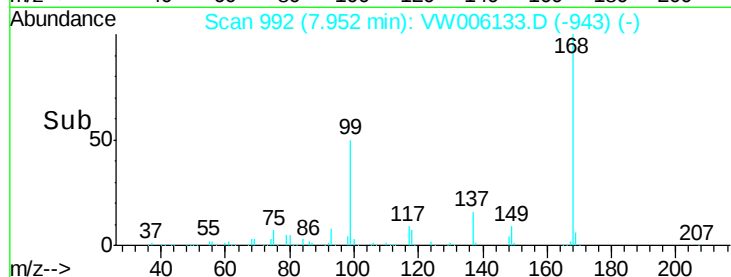
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 13.77 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.06 min

Lab File: VW006133.D

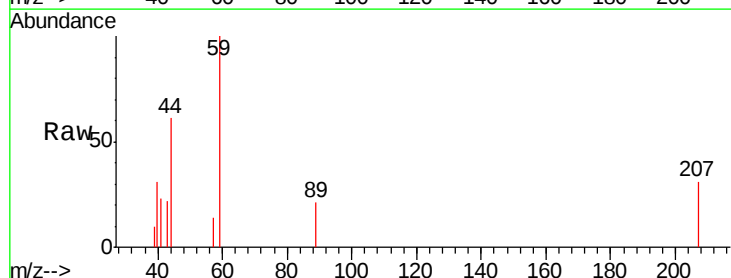
Acq: 17 Oct 2018 18:11

Tgt Ion: 59 Resp: 2251

Ion Ratio Lower Upper

59 100

57 1.2 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

600

500

400

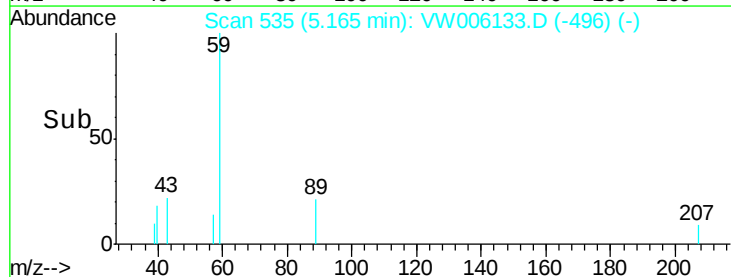
300

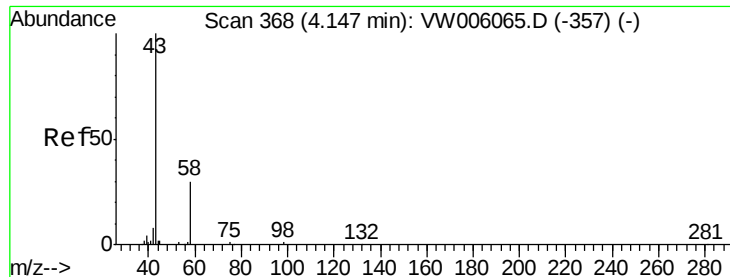
200

100

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 64.86 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

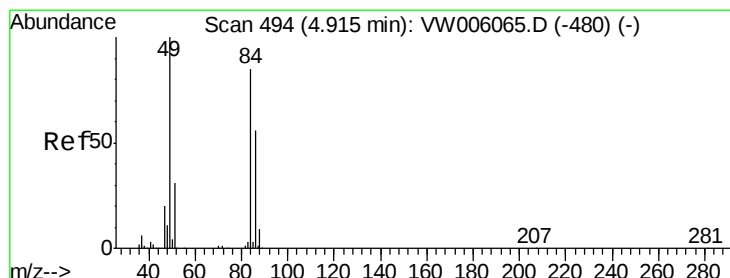
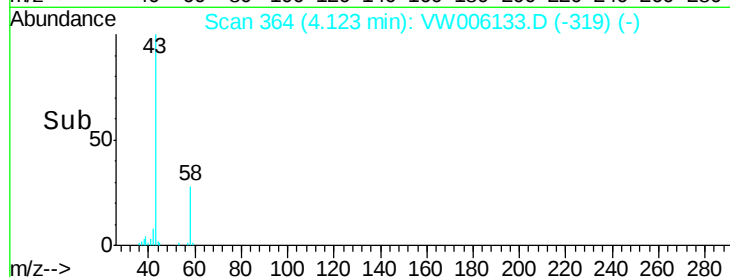
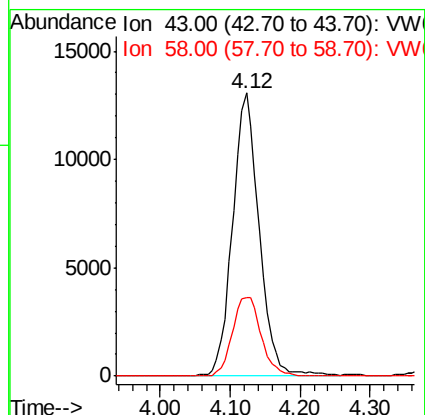
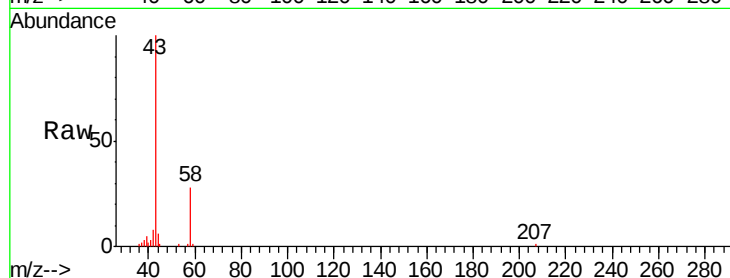
SSSI-1016-S-DH-21

Tgt Ion: 43 Resp: 34578

Ion Ratio Lower Upper

43 100

58 27.9 24.0 36.0



#20

Methylene Chloride

Concen: 6.08 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

Tgt Ion: 84 Resp: 19326

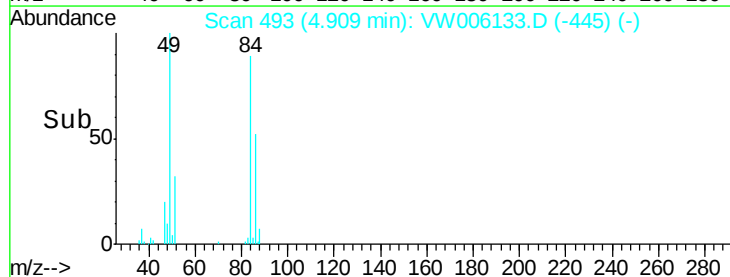
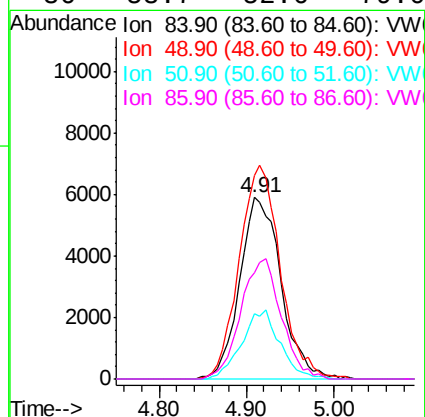
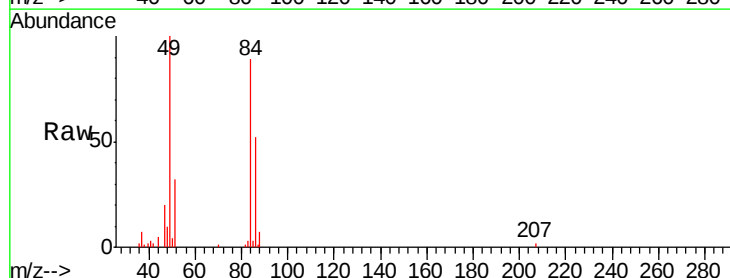
Ion Ratio Lower Upper

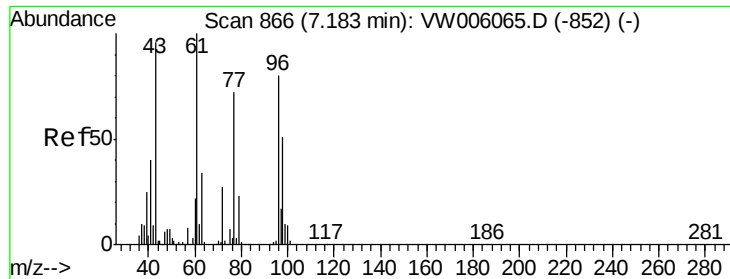
84 100

49 112.4 93.6 140.4

51 36.1 29.0 43.4

86 58.7 52.6 79.0





#25

2-Butanone

Concen: 2.54 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

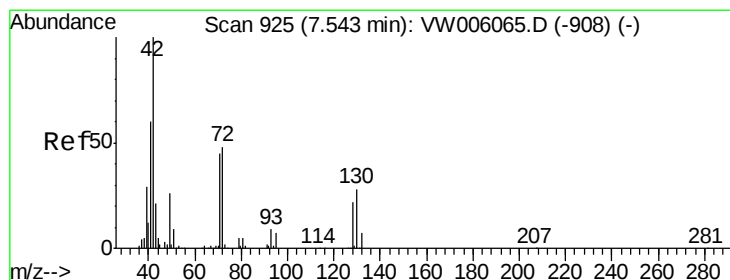
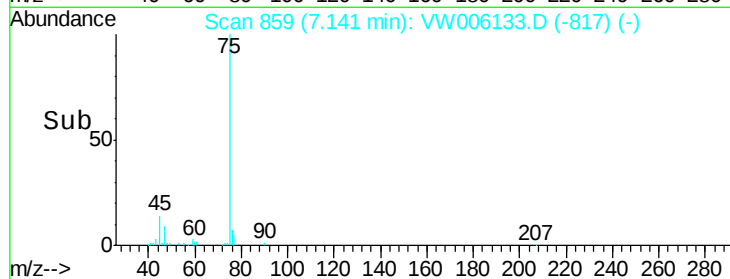
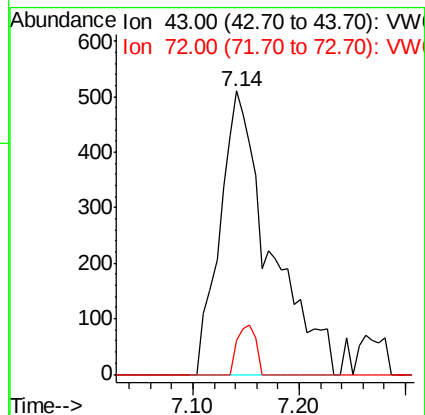
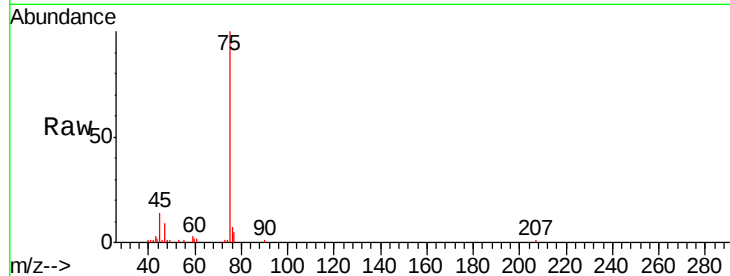
SSSI-1016-S-DH-21

Tgt Ion: 43 Resp: 1669

Ion Ratio Lower Upper

43 100

72 12.2 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.27 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

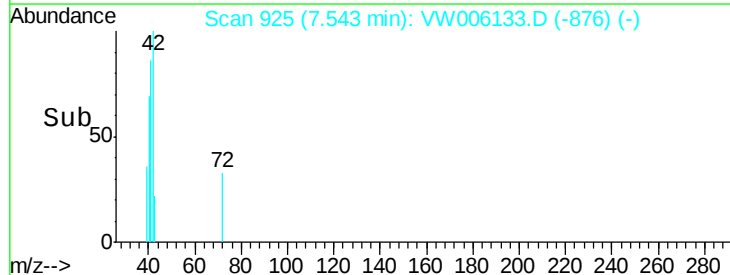
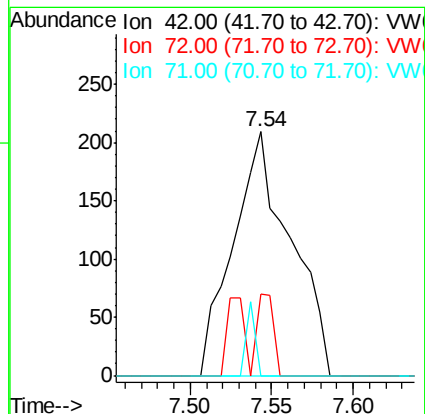
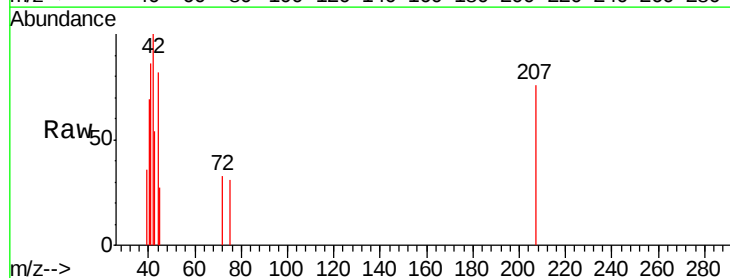
Tgt Ion: 42 Resp: 511

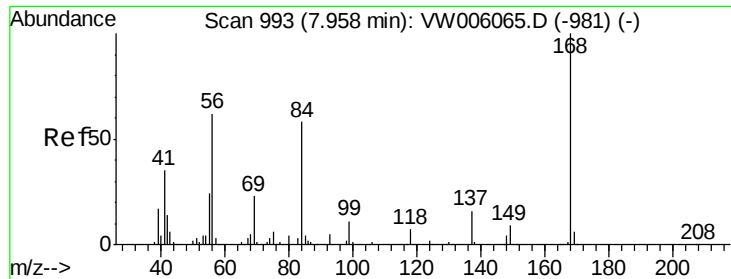
Ion Ratio Lower Upper

42 100

72 10.0 38.0 57.0#

71 4.5 35.3 52.9#

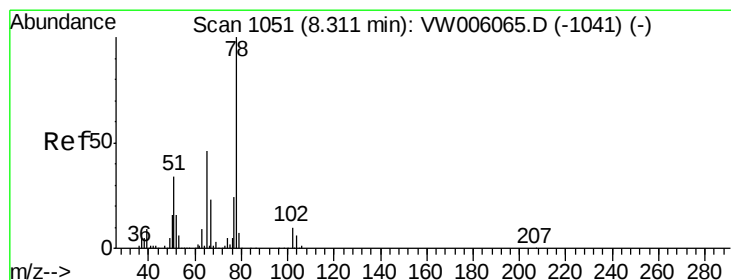
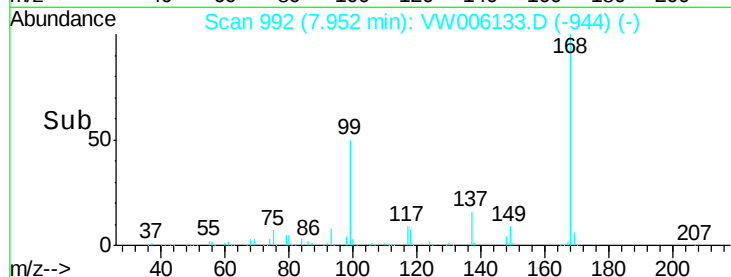
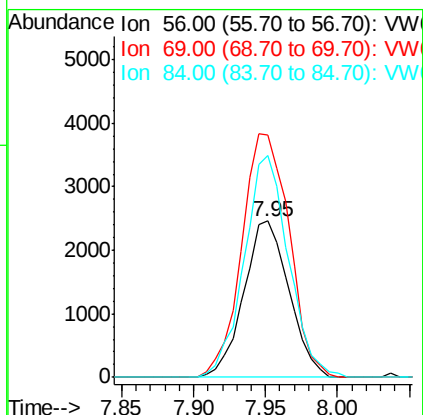
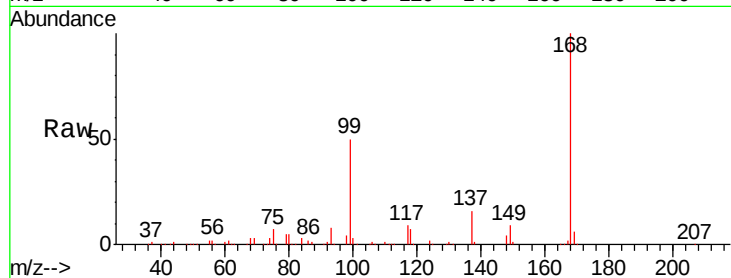




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006133.D
Acq: 17 Oct 2018 18:11

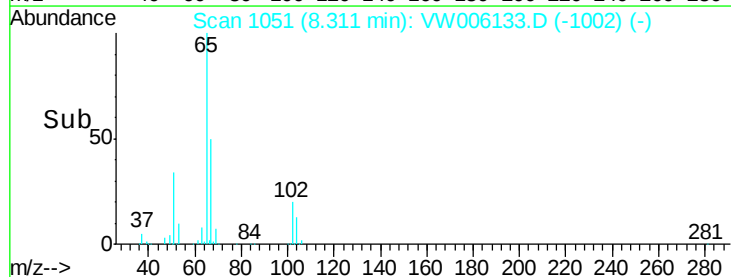
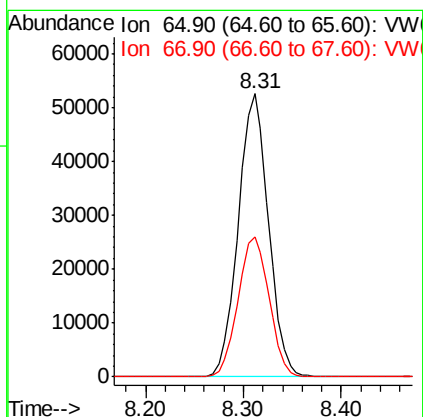
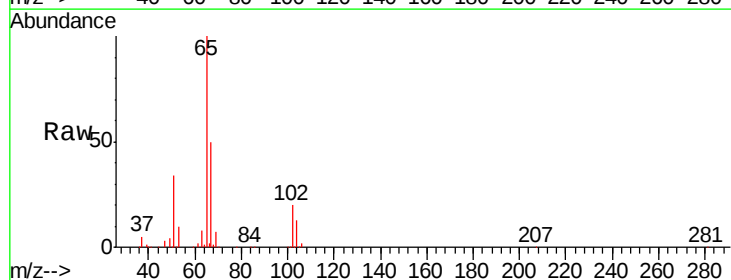
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-21

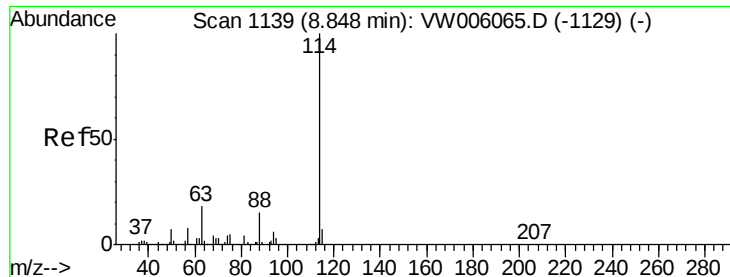
Tgt Ion: 56 Resp: 5351
Ion Ratio Lower Upper
56 100
69 154.8 29.4 44.0#
84 142.1 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 46.26 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006133.D
Acq: 17 Oct 2018 18:11

Tgt Ion: 65 Resp: 112447
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.0

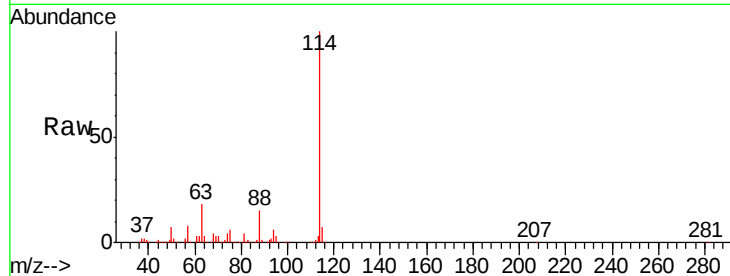




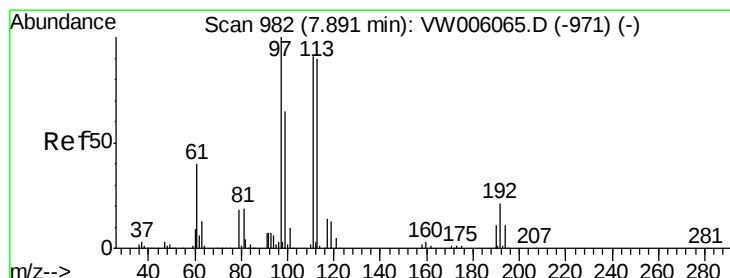
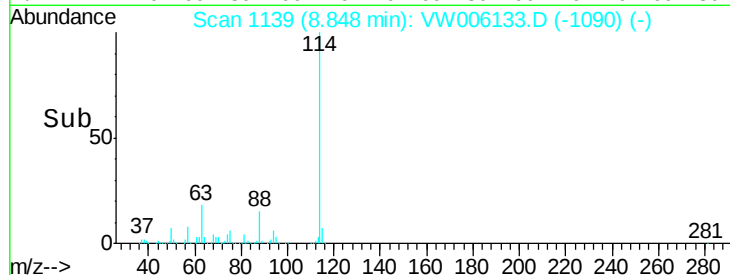
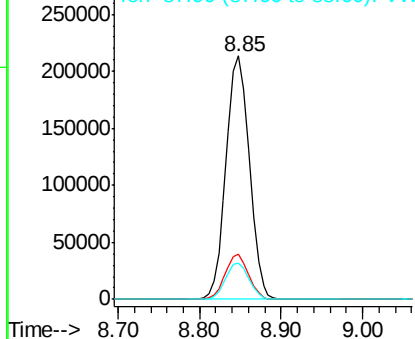
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-21

Tgt Ion:114 Resp: 421284
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.8 0.0 29.0

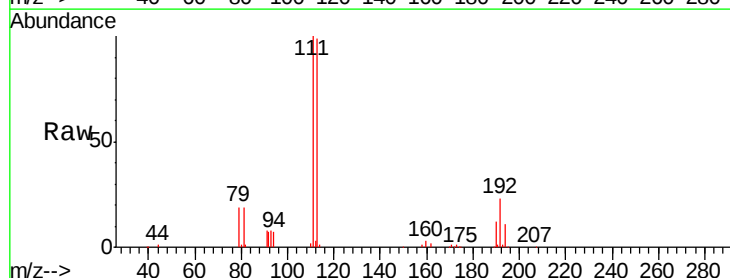


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

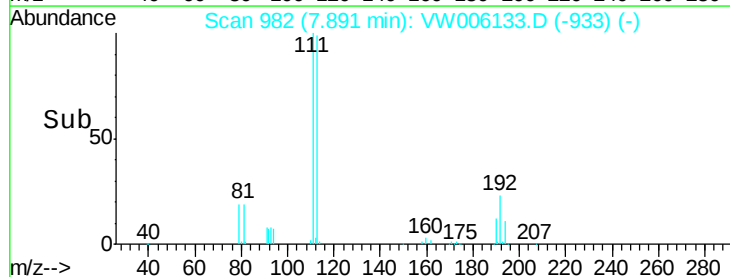
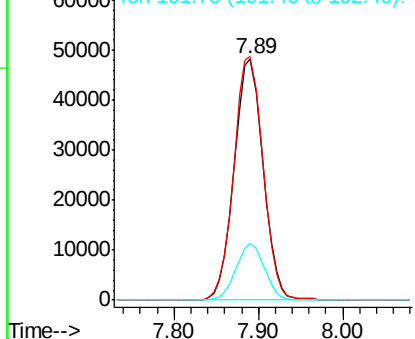


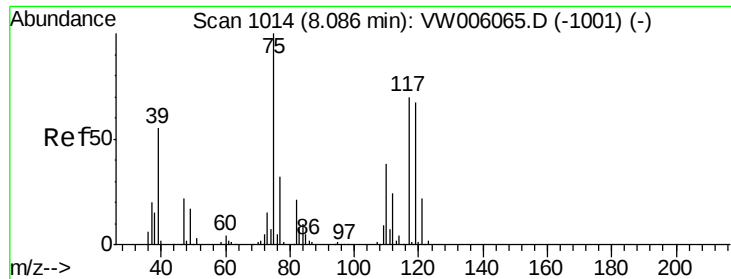
#35
 Dibromofluoromethane
 Concen: 44.96 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

Tgt Ion:113 Resp: 111928
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.0 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

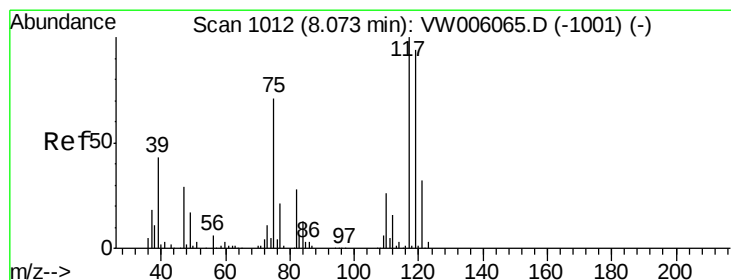
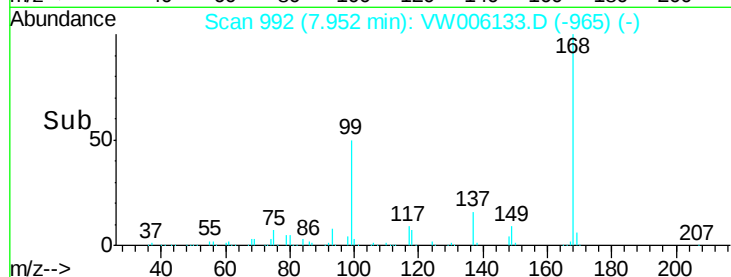
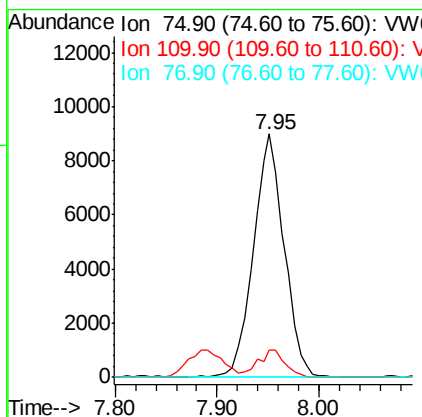
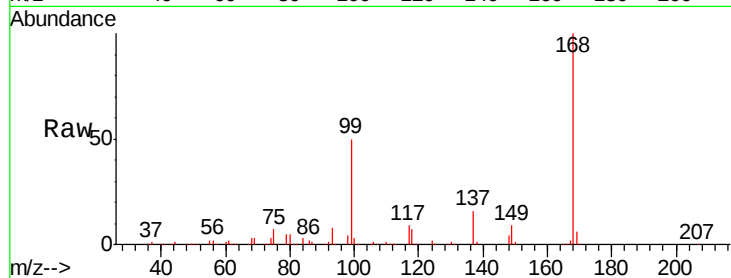




#36
 1,1-Dichloropropene
 Concen: 4.84 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

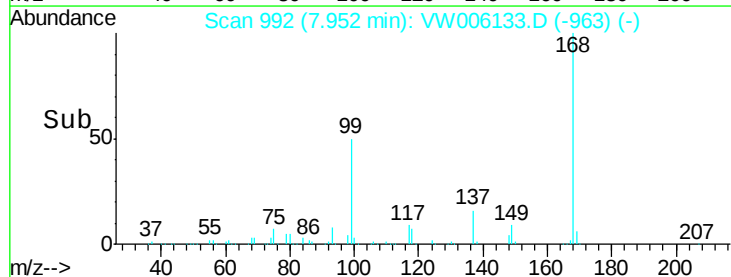
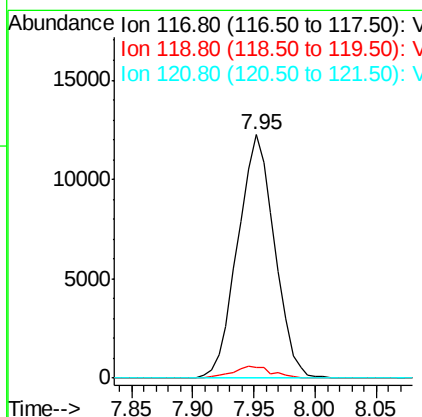
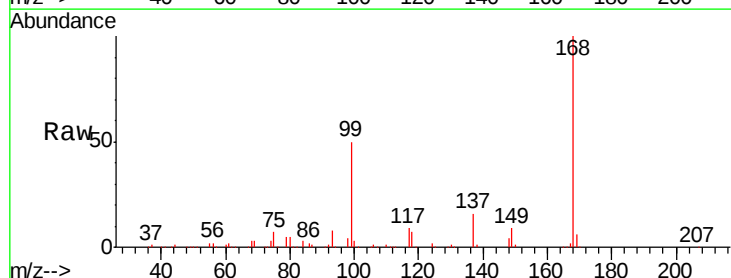
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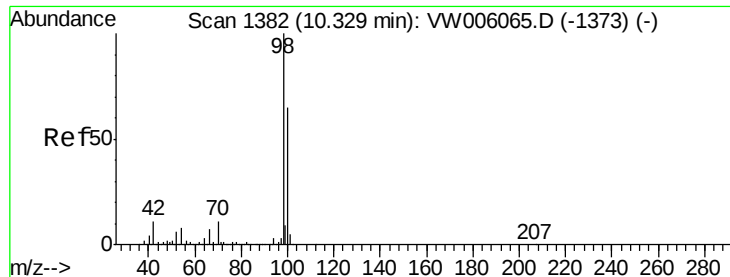
Tgt Ion: 75 Resp: 18808
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.02 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

Tgt Ion: 117 Resp: 25637
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 43.72 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

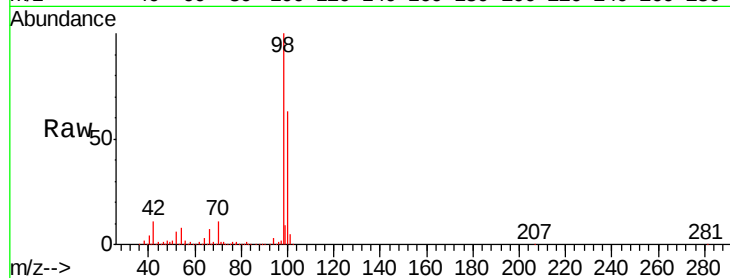
SSSI-1016-S-DH-21

Tgt Ion: 98 Resp: 414082

Ion Ratio Lower Upper

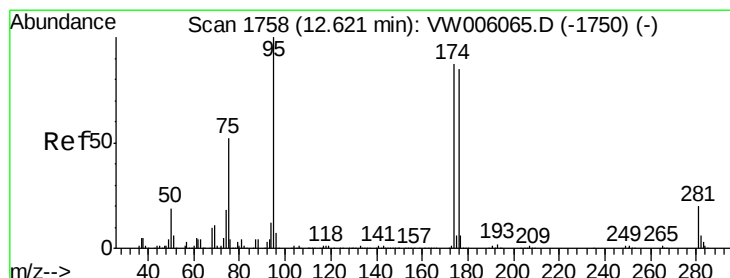
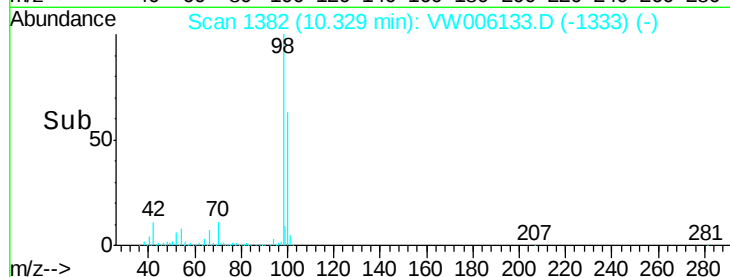
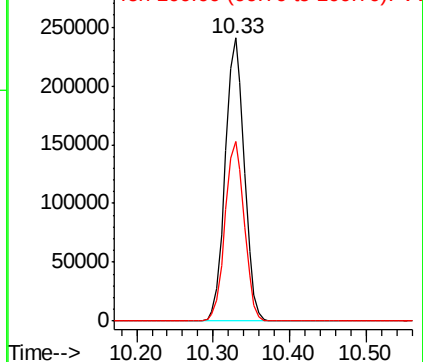
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.86 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006133.D

Acq: 17 Oct 2018 18:11

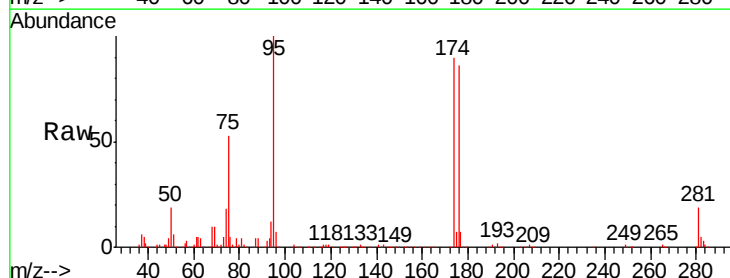
Tgt Ion: 95 Resp: 152472

Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

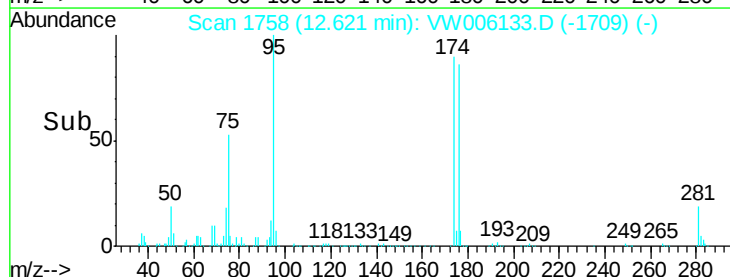
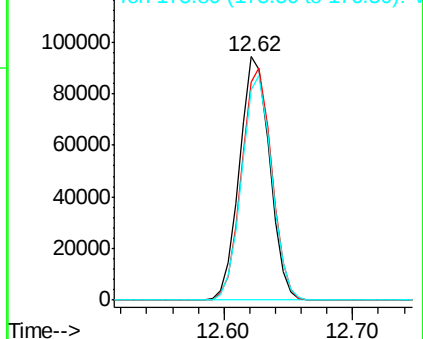
176 91.6 0.0 181.6

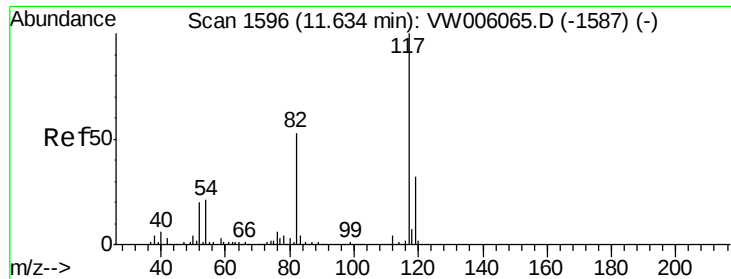


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

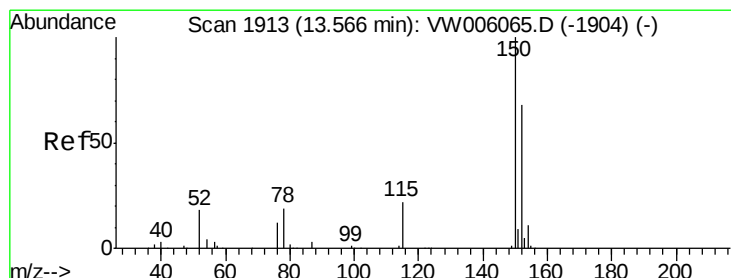
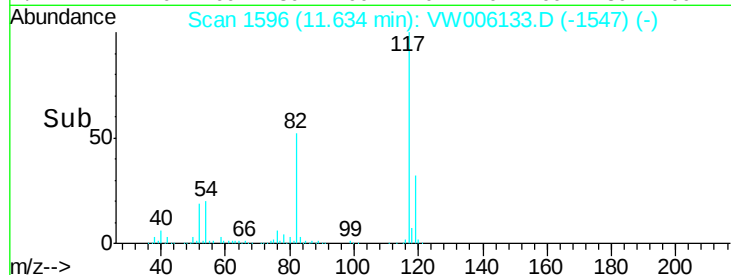
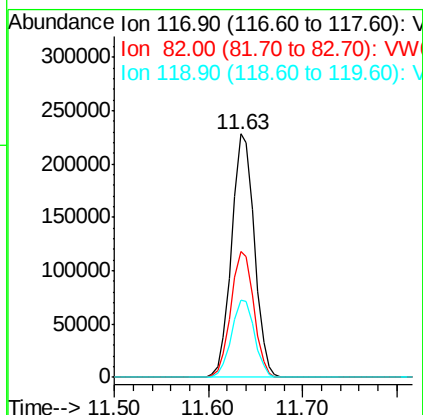
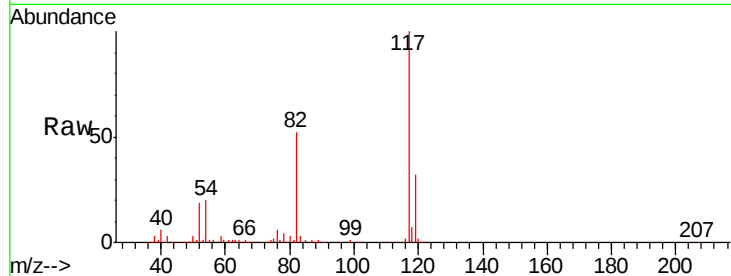




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006133.D
Acq: 17 Oct 2018 18:11

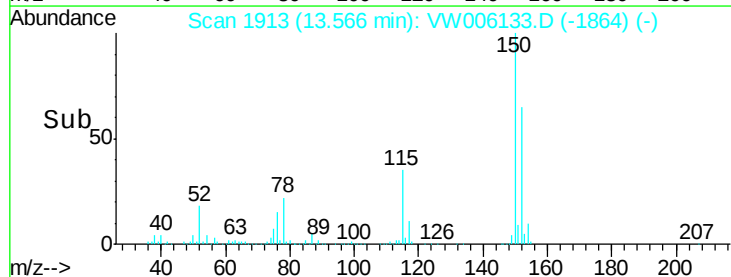
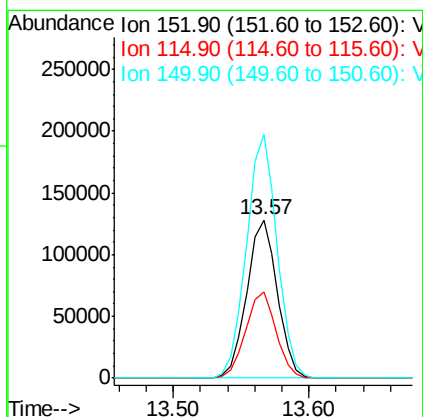
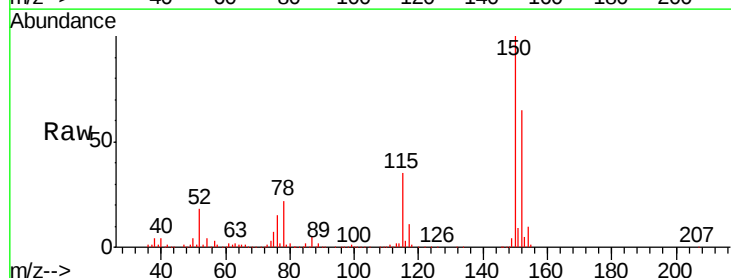
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1016-S-DH-21

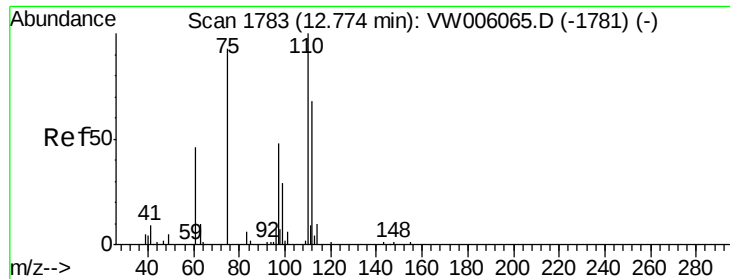
Tgt Ion:117 Resp: 382746
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006133.D
Acq: 17 Oct 2018 18:11

Tgt Ion:152 Resp: 201709
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.3
150 154.0 0.0 349.2

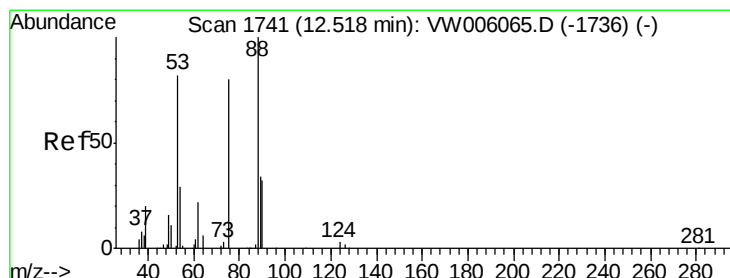
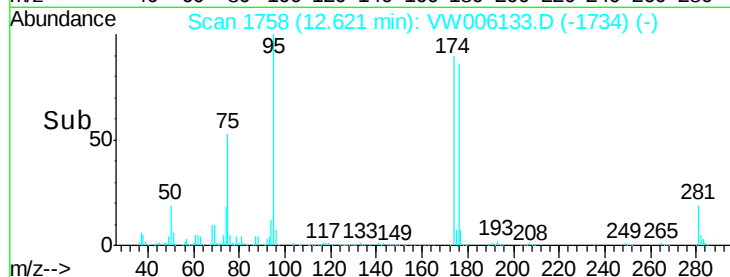
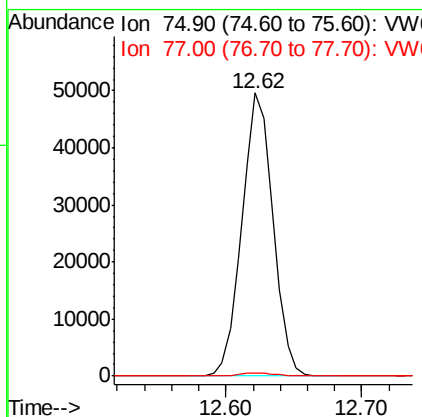
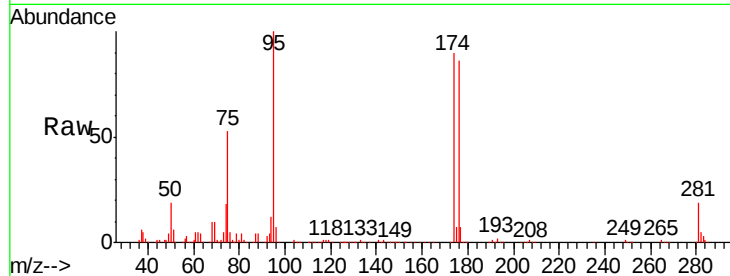




#76
 1,2,3-Trichloropropane
 Concen: 51.38 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1016-S-DH-21

Tgt Ion: 75 Resp: 79160
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.82 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006133.D
 Acq: 17 Oct 2018 18:11

Tgt Ion: 75 Resp: 79160
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#

