

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006262.D
 Acq On : 22 Oct 2018 19:53
 Operator : VA/AP
 Sample : J5618-07
 Misc : 5.68/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1019-S-DH-16

Quant Time: Oct 23 04:08:10 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	337836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	493680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	236585	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	96656	34.51	ug/l	0.00
Spiked Amount			Recovery	=	69.02%	
35) Dibromofluoromethane	7.89	113	96354	33.03	ug/l	0.00
Spiked Amount			Recovery	=	66.06%	
50) Toluene-d8	10.33	98	331197	29.84	ug/l	0.00
Spiked Amount			Recovery	=	59.68%	
62) 4-Bromofluorobenzene	12.62	95	130098	31.21	ug/l	0.00
Spiked Amount			Recovery	=	62.42%	

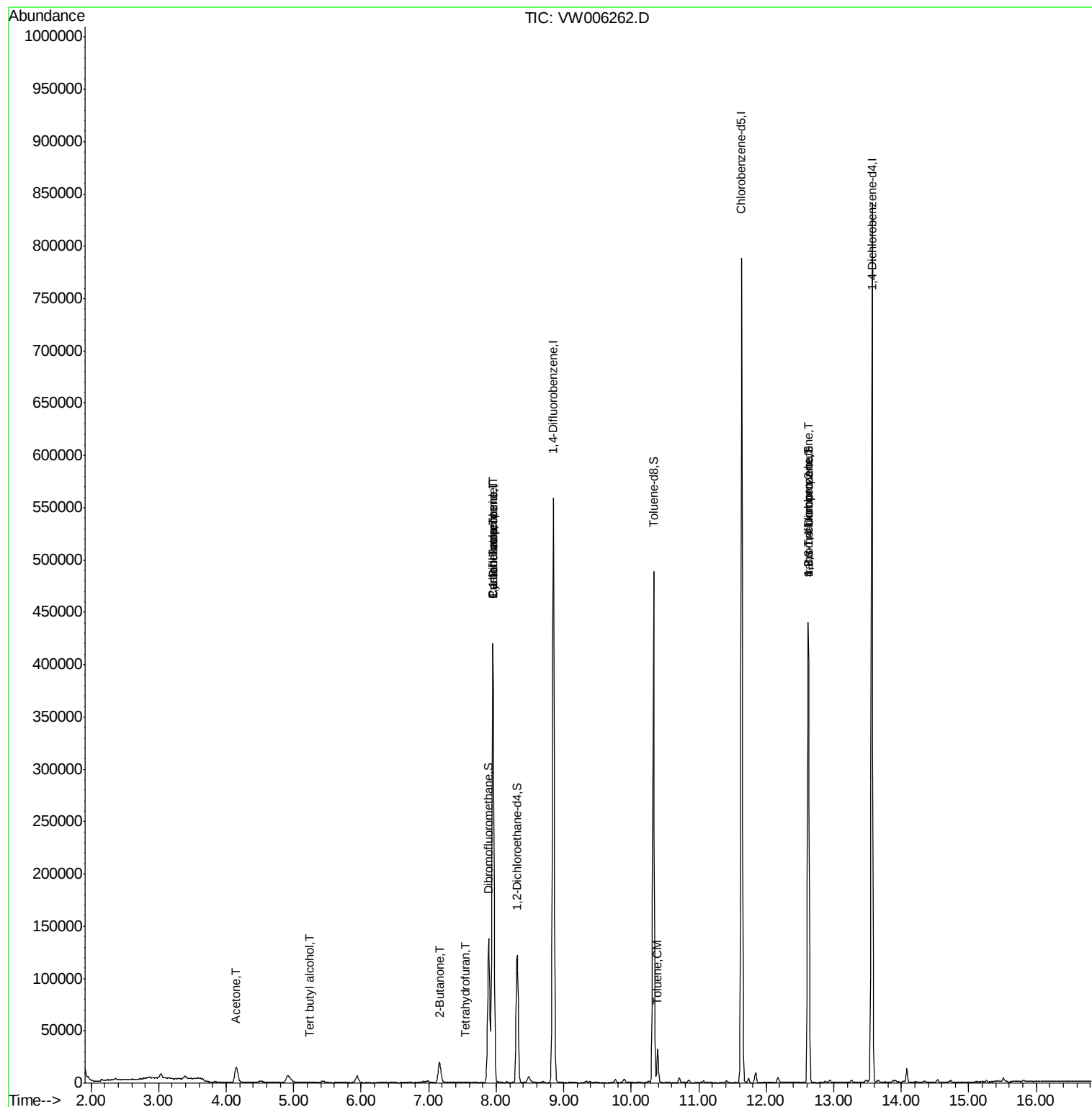
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	808	4.289	ug/l #	71
16) Acetone	4.15	43	31151	47.279	ug/l	98
25) 2-Butanone	7.16	43	1402	1.853	ug/l #	46
29) Tetrahydrofuran	7.54	42	486	1.045	ug/l #	38
31) Cyclohexane	7.95	56	6048	1.180	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	21909	4.815	ug/l #	49
38) Carbon Tetrachloride	7.95	117	30516	6.118	ug/l #	16
52) Toluene	10.39	92	13379	1.599	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	65945	36.493	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65945	87.233	ug/l #	10

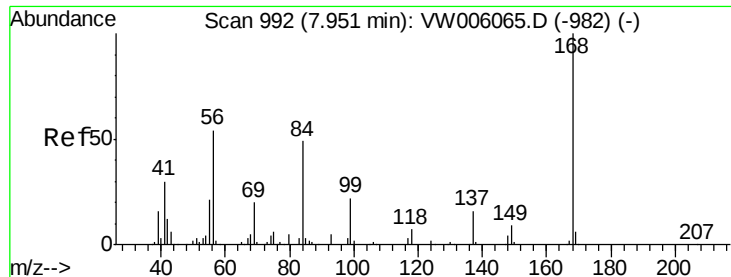
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSSI-1019-S-DH-16

Quant Time: Oct 23 04:08:10 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: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

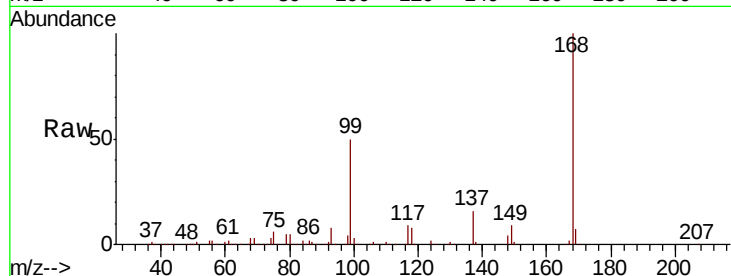
SSSI-1019-S-DH-16

Tot Ion:168 Resp: 337836

Ion Ratio Lower Upper

168 100

99 49.8 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

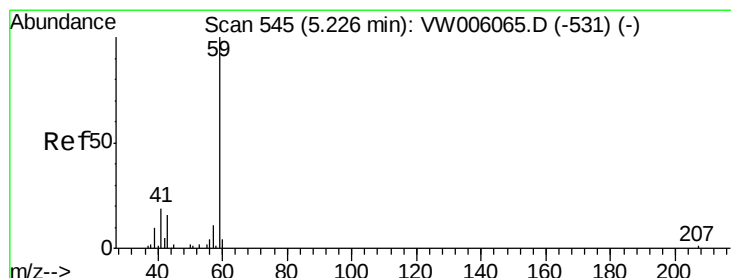
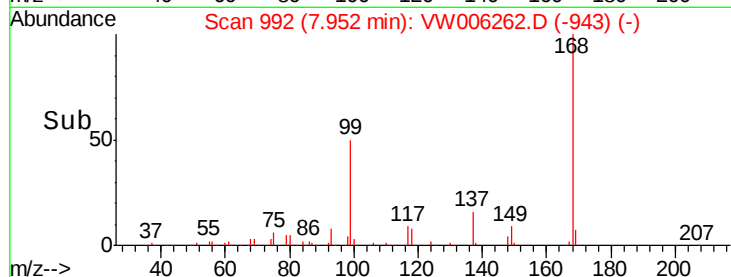
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.289 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006262.D

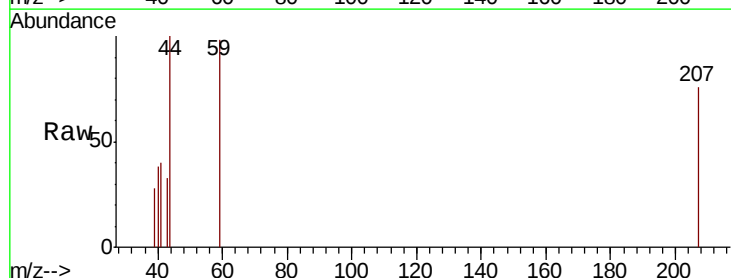
Acq: 22 Oct 2018 19:53

Tgt Ion: 59 Resp: 808

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

5.23

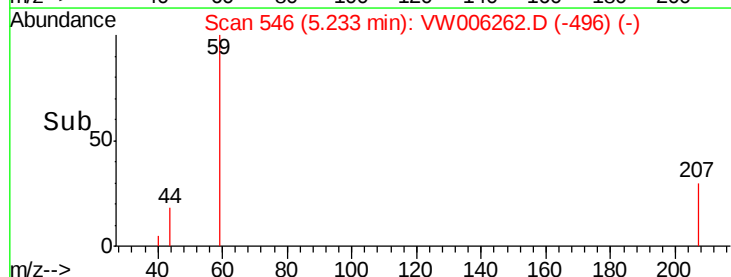
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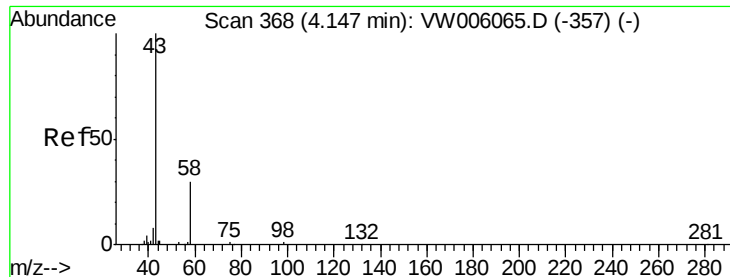
200

100

0

Time-->





#16

Acetone

Concen: 47.279 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

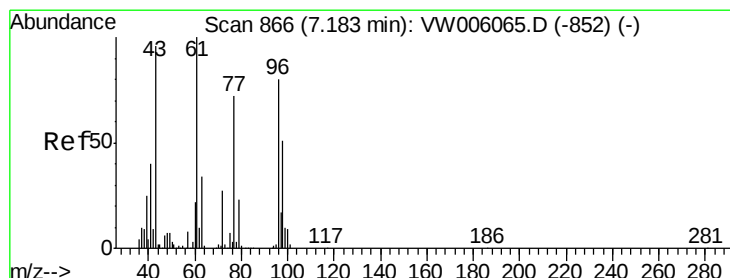
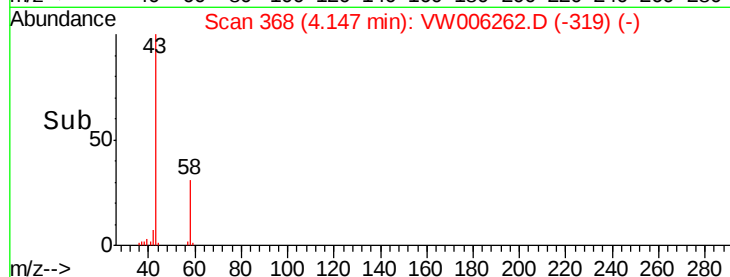
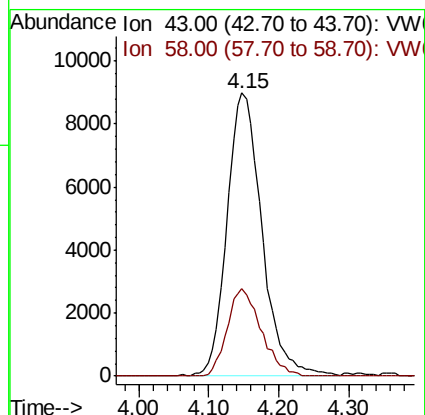
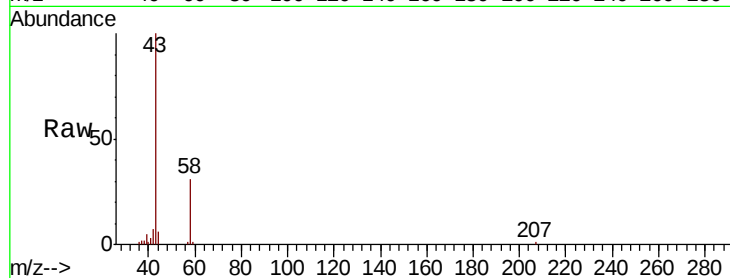
SSSI-1019-S-DH-16

Tot Ion: 43 Resp: 31151

Ion Ratio Lower Upper

43 100

58 30.9 24.0 36.0



#25

2-Butanone

Concen: 1.853 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006262.D

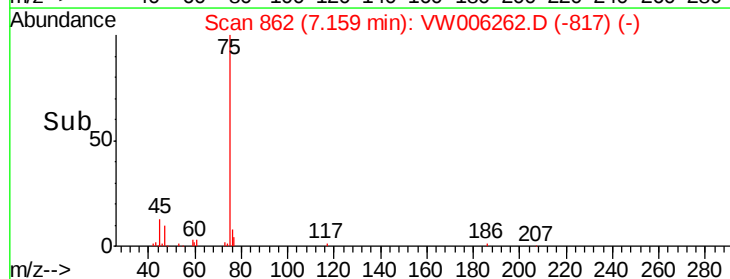
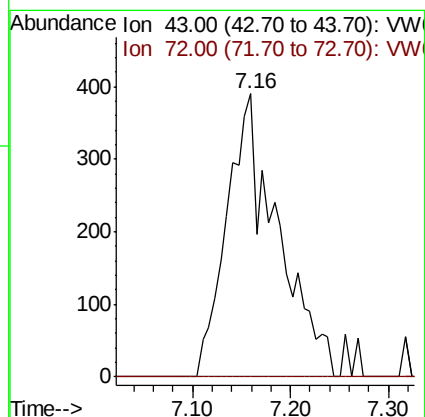
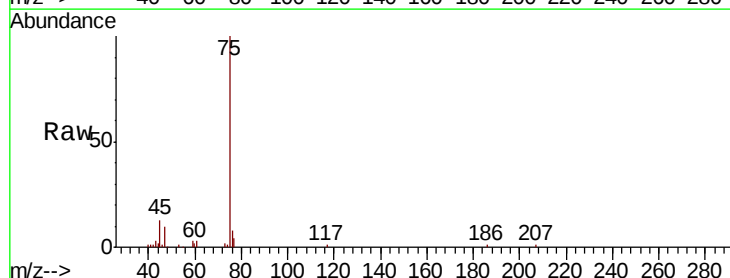
Acq: 22 Oct 2018 19:53

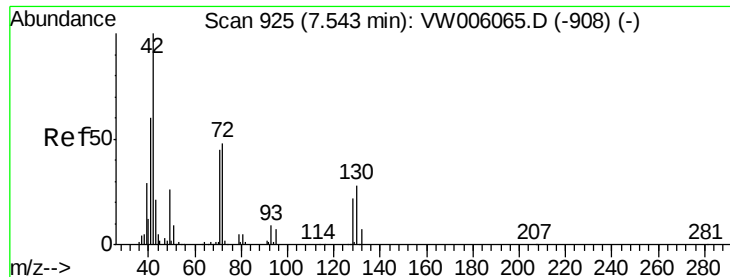
Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#





#29

Tetrahydrofuran

Concen: 1.045 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

SSSI-1019-S-DH-16

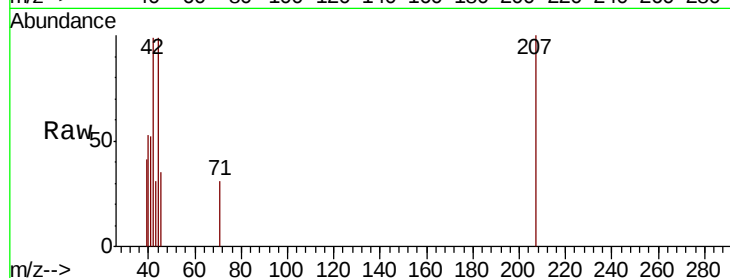
Tot Ion: 42 Resp: 486

Ion Ratio Lower Upper

42 100

72 4.9 38.0 57.0#

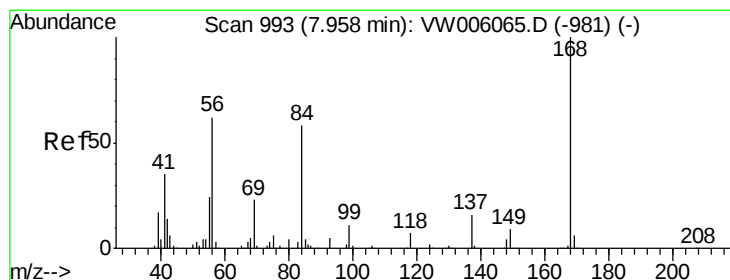
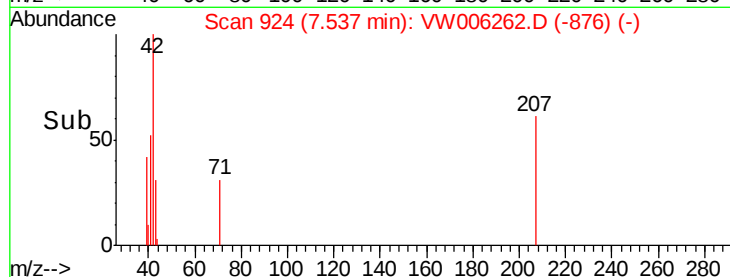
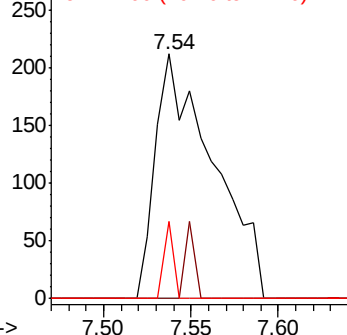
71 4.9 35.3 52.9#



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: 1.180 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

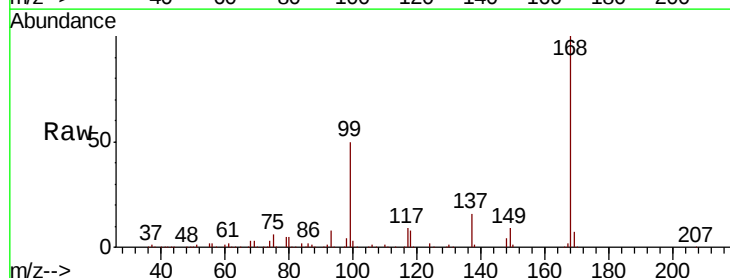
Tgt Ion: 56 Resp: 6048

Ion Ratio Lower Upper

56 100

69 168.2 29.4 44.0#

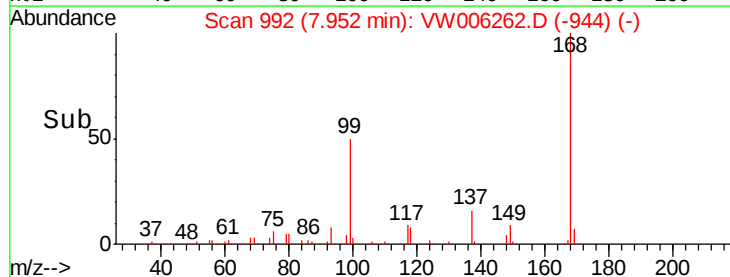
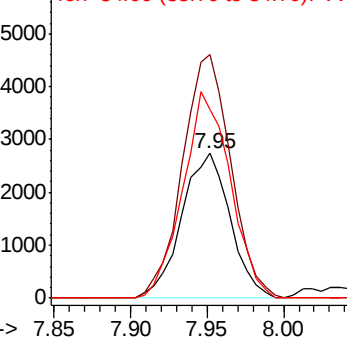
84 130.3 74.0 111.0#

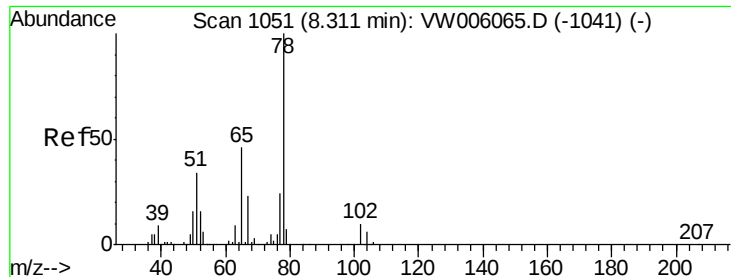


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

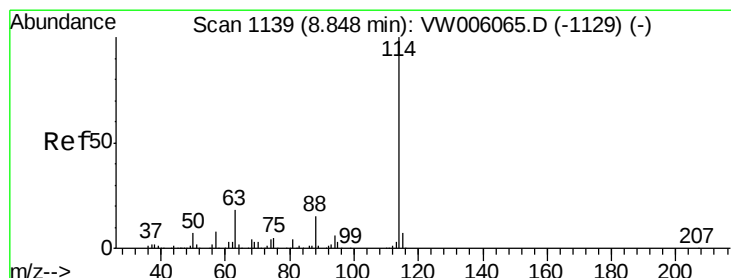
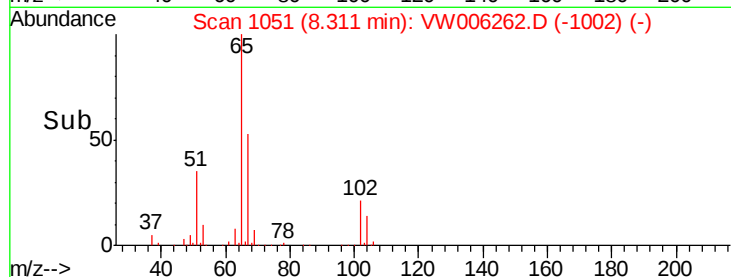
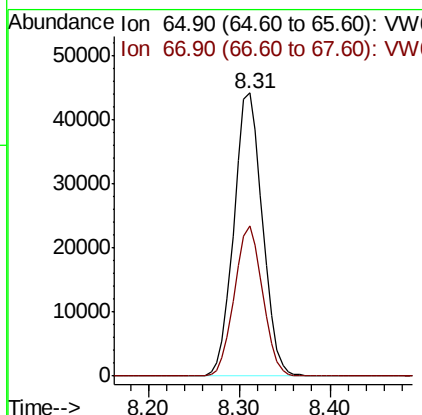
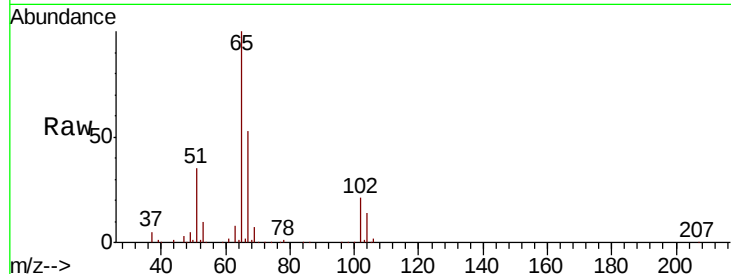




#33
 1,2-Dichloroethane-d4
 Concen: 34.510 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006262.D
 Acq: 22 Oct 2018 19:53

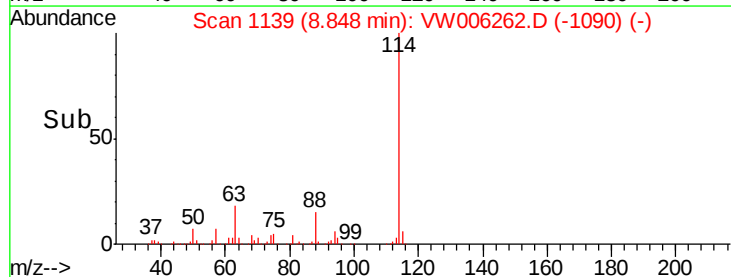
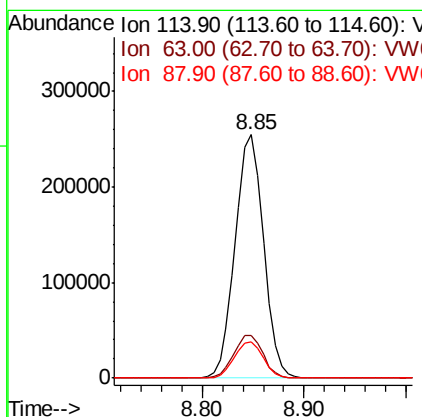
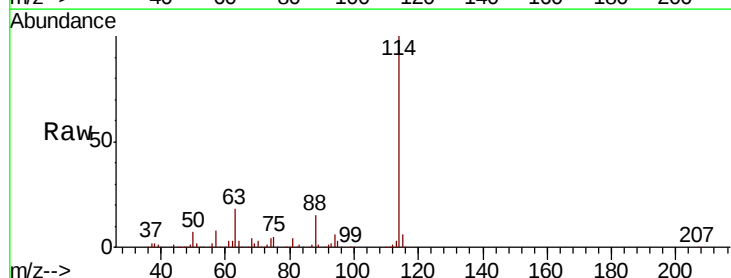
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1019-S-DH-16

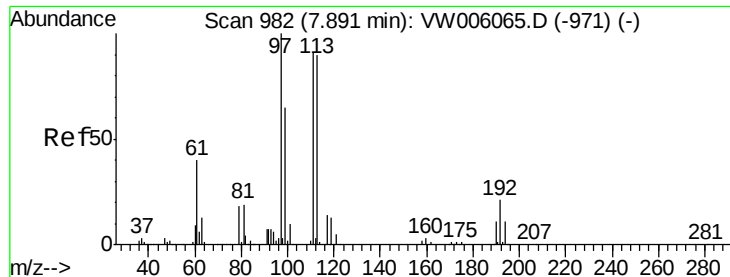
Tot Ion: 65 Resp: 96656
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006262.D
 Acq: 22 Oct 2018 19:53

Tgt Ion: 114 Resp: 493680
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.8 0.0 29.0

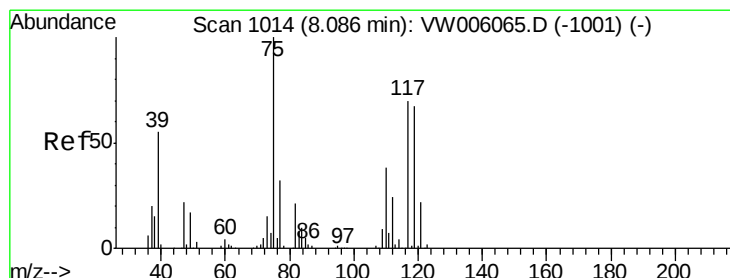
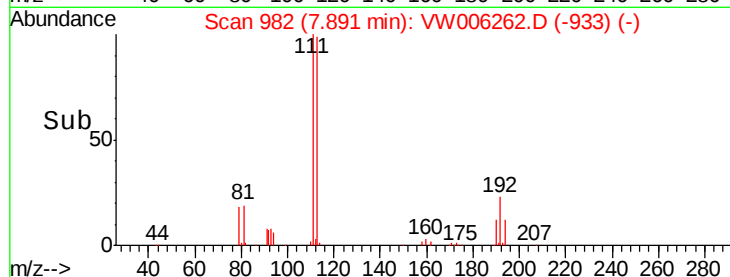
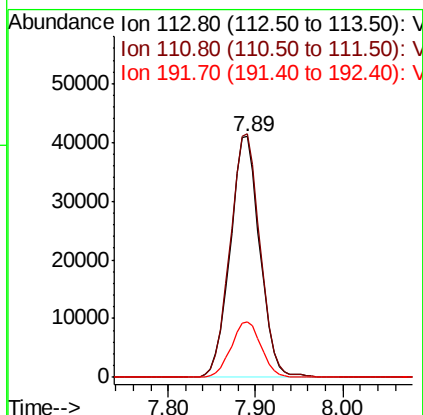
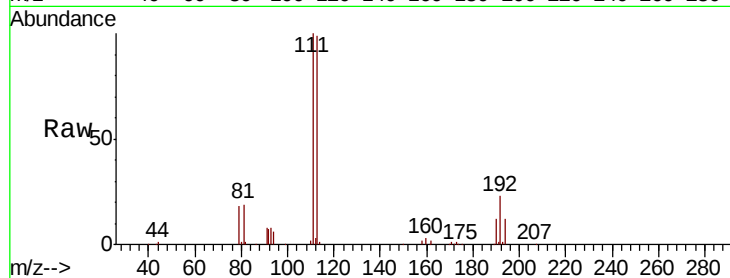




#35
 Dibromofluoromethane
 Concen: 33.030 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006262.D
 Acq: 22 Oct 2018 19:53

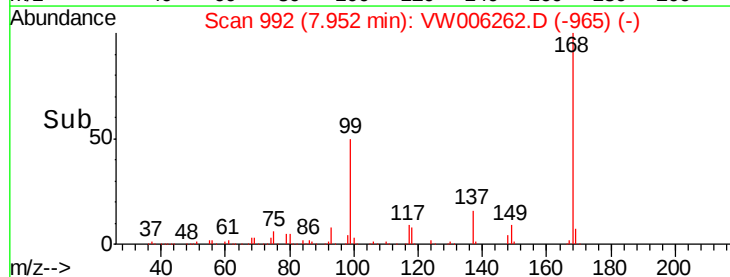
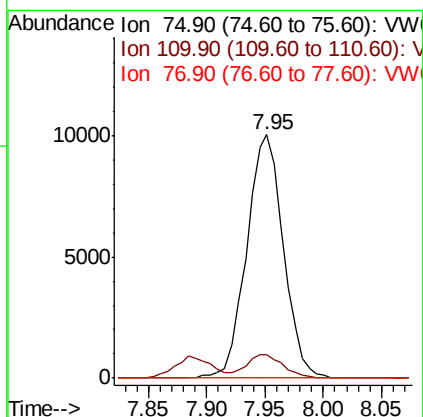
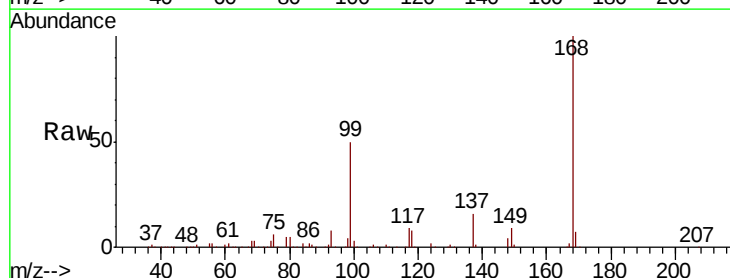
Instrument :
 MSVOA_W
 ClientSampleId :
 SSSI-1019-S-DH-16

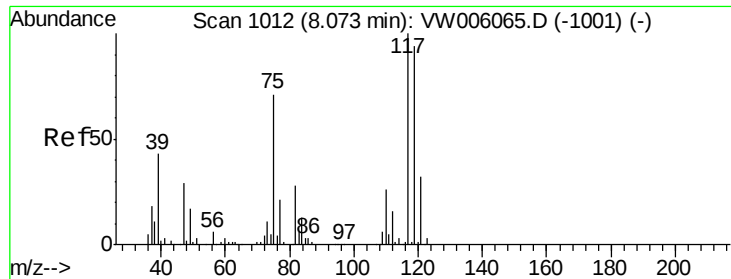
Tot Ion:113 Resp: 96354
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.815 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006262.D
 Acq: 22 Oct 2018 19:53

Tgt Ion: 75 Resp: 21909
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.1#
 77 0.0 25.0 37.4#

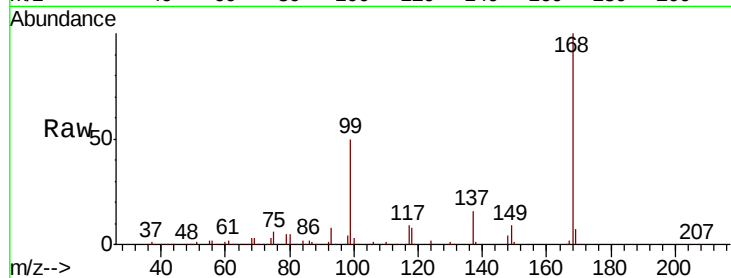




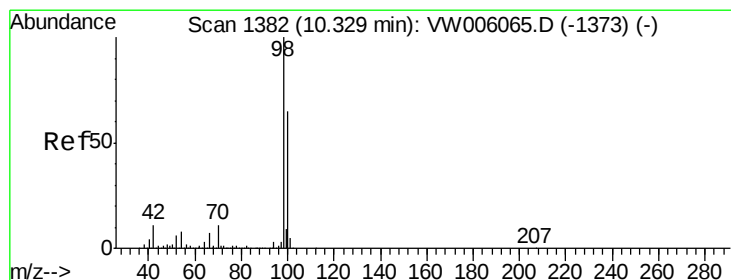
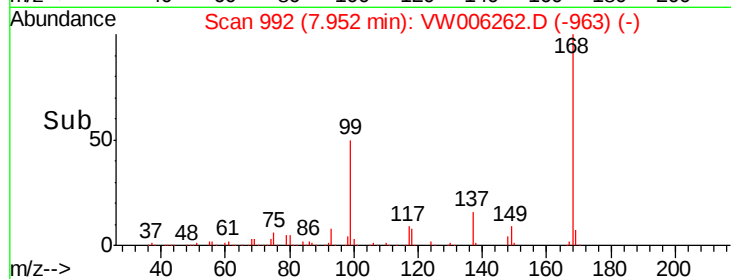
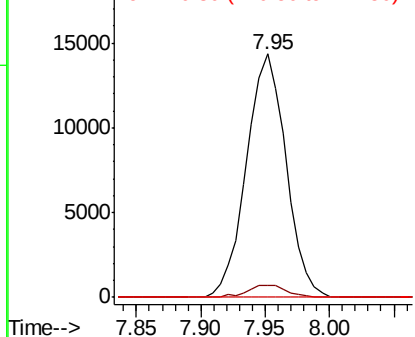
#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006262.D
Acq: 22 Oct 2018 19:53

Instrument :
MSVOA_W
ClientSampleId :
SSSI-1019-S-DH-16

Tot Ion:117 Resp: 30516
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 25.3 37.9#

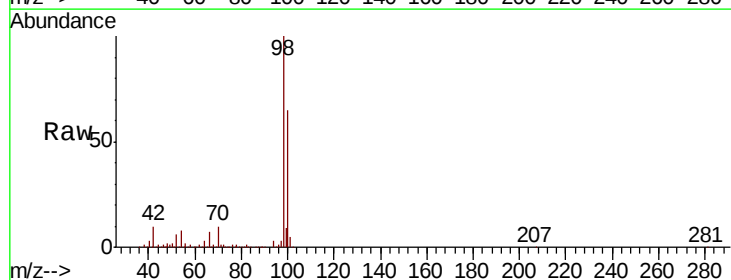


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

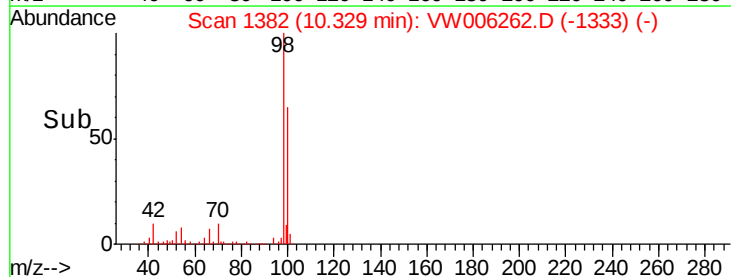
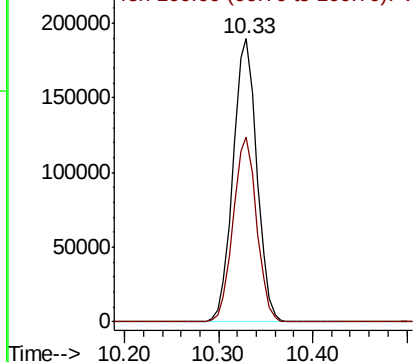


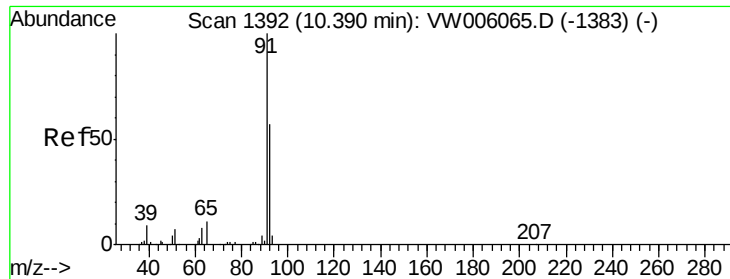
#50
Toluene-d8
Concen: 29.842 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006262.D
Acq: 22 Oct 2018 19:53

Tgt Ion: 98 Resp: 331197
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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





#52

Toluene

Concen: 1.599 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

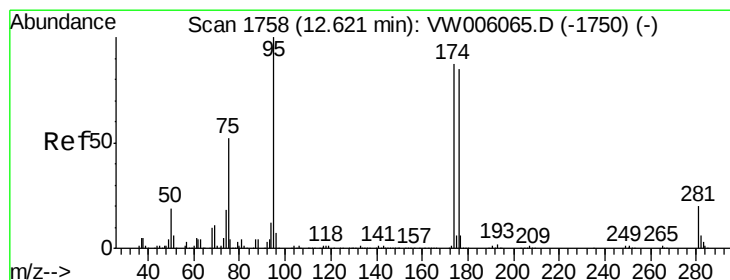
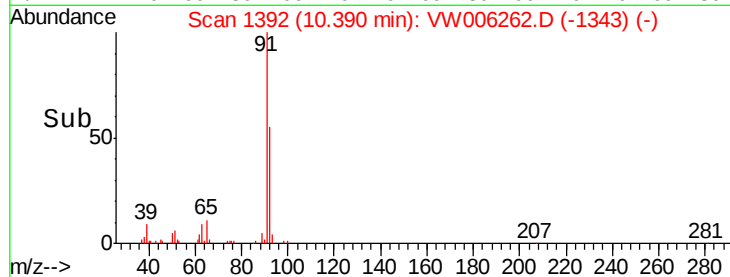
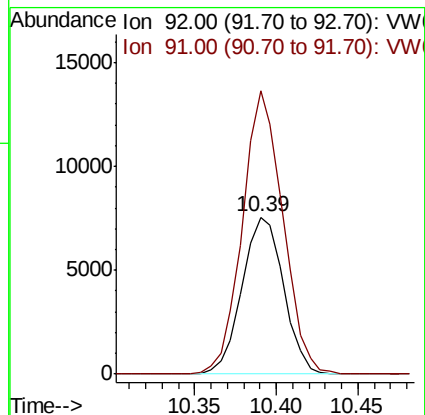
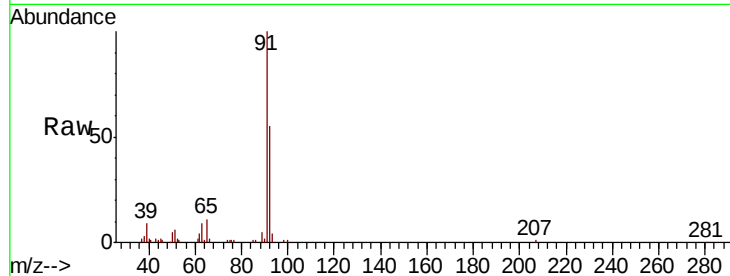
SSSI-1019-S-DH-16

Tot Ion: 92 Resp: 13379

Ion Ratio Lower Upper

92 100

91 175.8 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 31.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

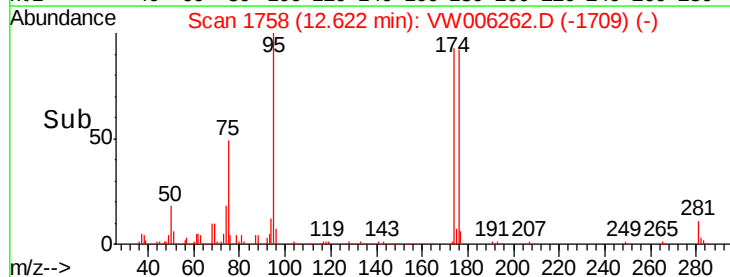
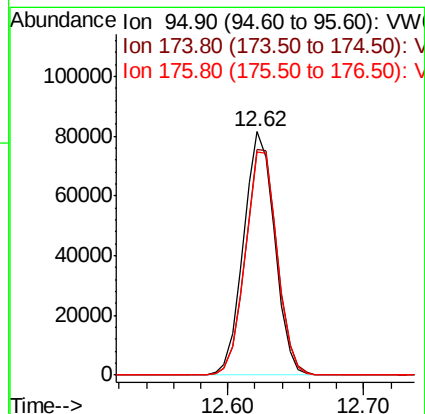
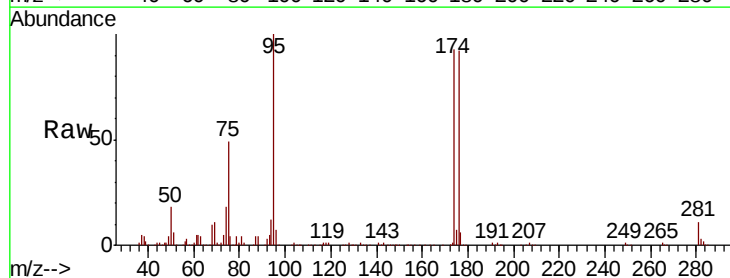
Tgt Ion: 95 Resp: 130098

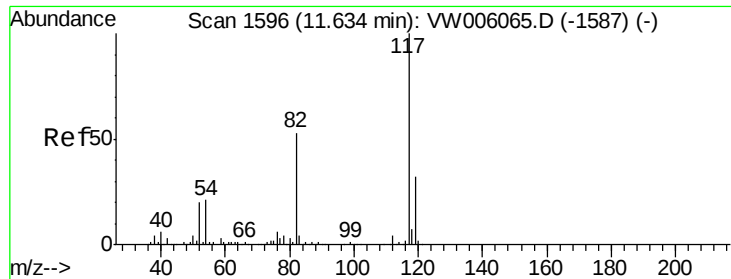
Ion Ratio Lower Upper

95 100

174 94.8 0.0 186.0

176 94.0 0.0 181.6

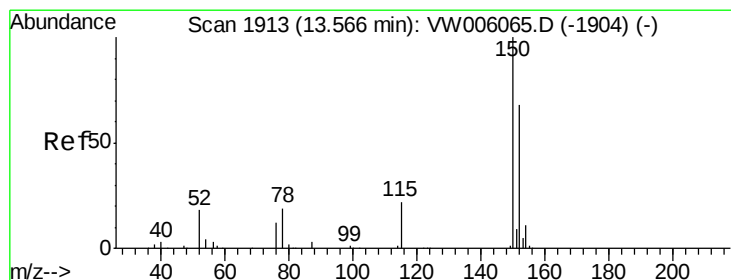
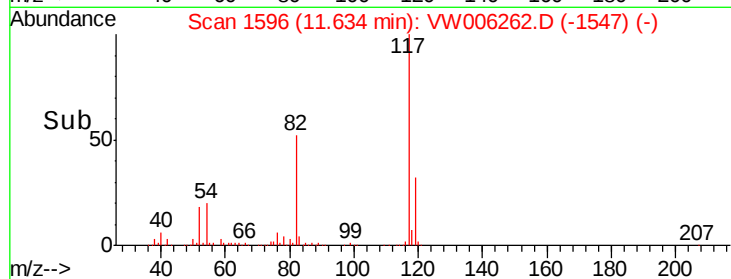
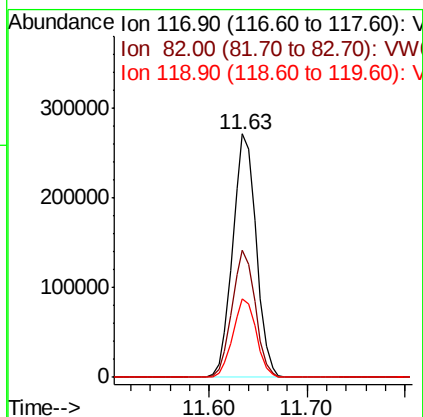
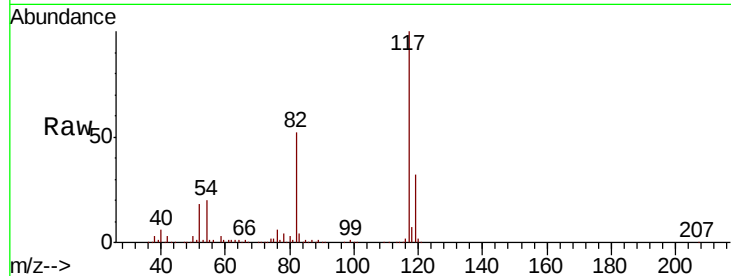




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006262.D
Acq: 22 Oct 2018 19:53

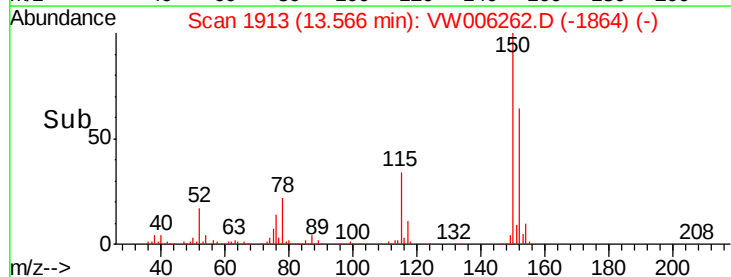
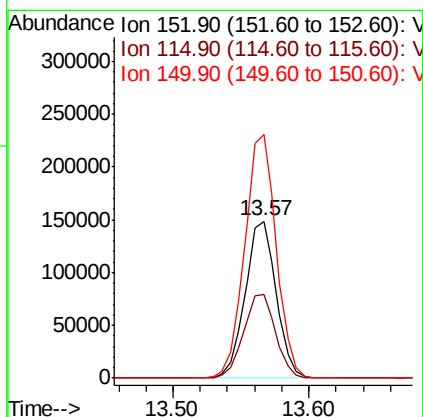
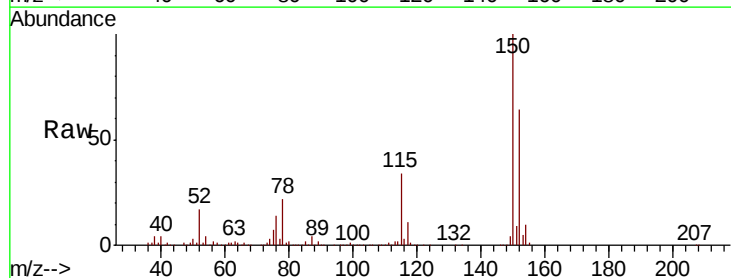
Instrument :
MSVOA_W
ClientSampleId :
SSSI-1019-S-DH-16

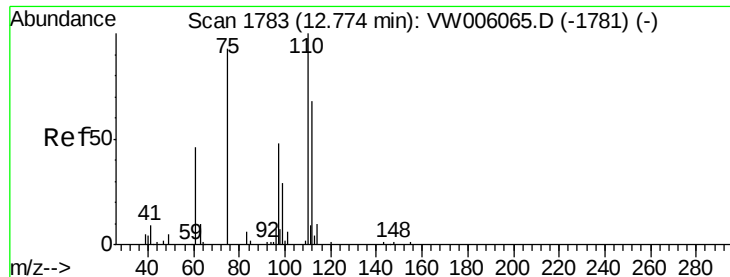
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006262.D
Acq: 22 Oct 2018 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	157.3	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 36.493 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

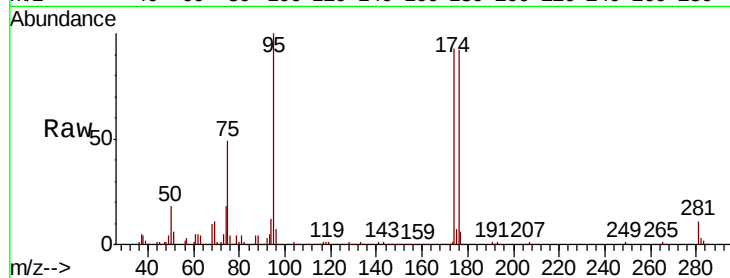
SSSI-1019-S-DH-16

Tot Ion: 75 Resp: 65945

Ion Ratio Lower Upper

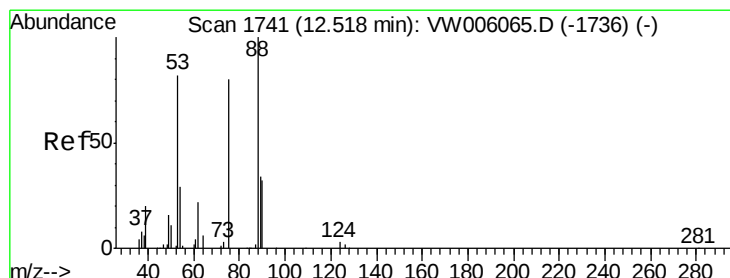
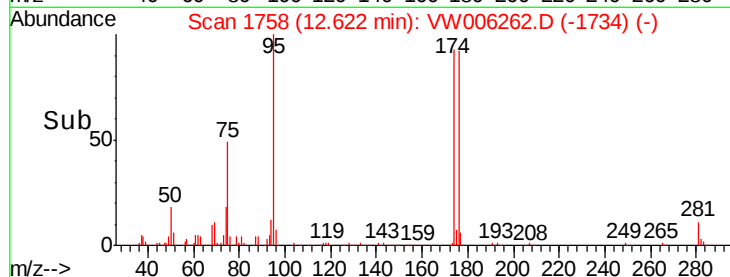
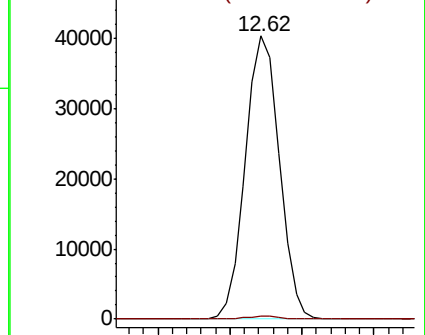
75 100

77 1.0 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: 87.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006262.D

Acq: 22 Oct 2018 19:53

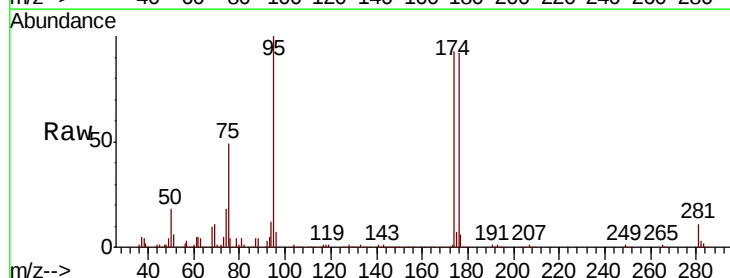
Tgt Ion: 75 Resp: 65945

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

