

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092218\
 Data File : VW005568.D
 Acq On : 21 Sep 2018 18:41
 Operator : VA/AP
 Sample : J4998-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YG3-SLOAN-PARK-BRIDGE

Quant Time: Sep 21 23:16:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	145392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	226253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69672	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	75539	44.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.20%	
35) Dibromofluoromethane	7.89	113	61804	43.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.88%	
50) Toluene-d8	10.33	98	199556	34.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.90%	
62) 4-Bromofluorobenzene	12.62	95	58781	27.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.84%	

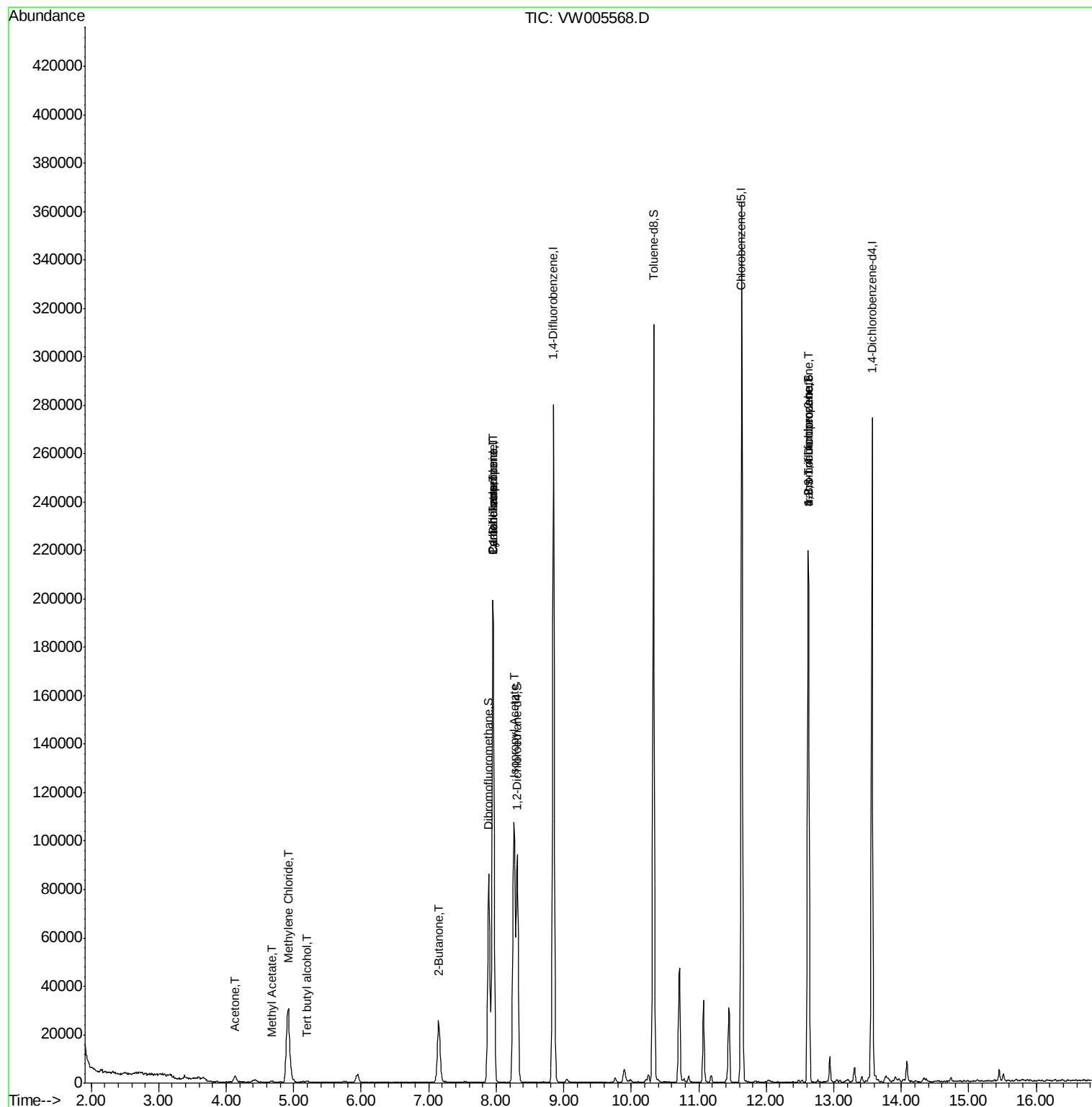
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	48	Below Cal	#	41
11) Tert butyl alcohol	5.20	59	367	1.795	ug/l #	72
16) Acetone	4.13	43	4850	8.911	ug/l	100
18) Methyl Acetate	4.67	43	990	1.220	ug/l #	72
20) Methylene Chloride	4.92	84	24678	14.119	ug/l	94
25) 2-Butanone	7.15	43	1732	4.163	ug/l #	50
31) Cyclohexane	7.95	56	3133	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11162	4.901	ug/l #	51
38) Carbon Tetrachloride	7.96	117	14253	5.840	ug/l #	16
43) Isopropyl Acetate	8.27	43	2983	1.583	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	31680	53.342	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31680	120.142	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

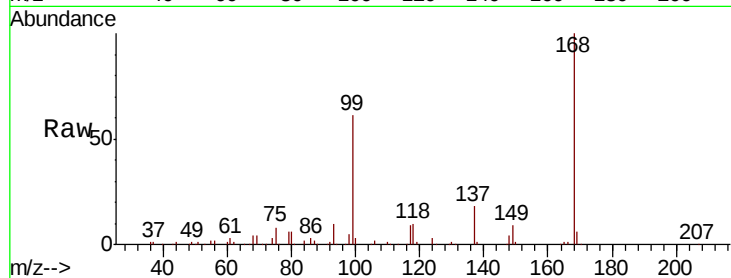
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:168 Resp: 145392

Ion Ratio Lower Upper

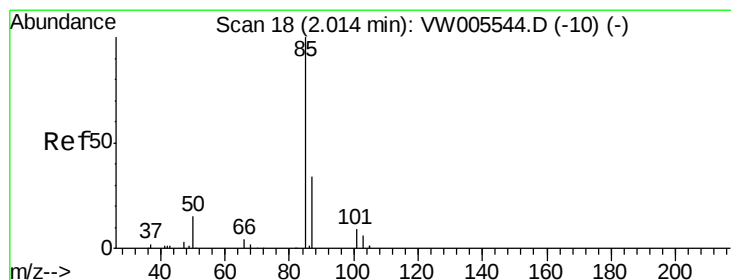
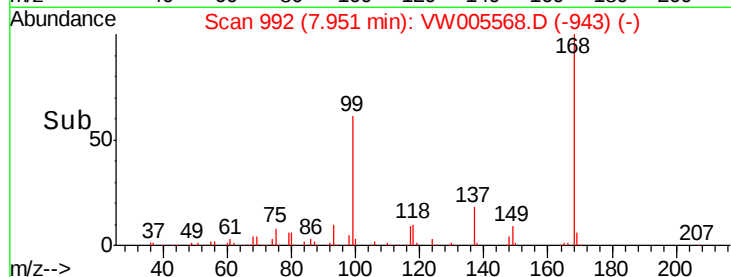
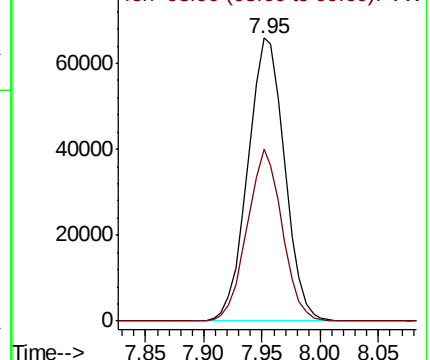
168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005568.D

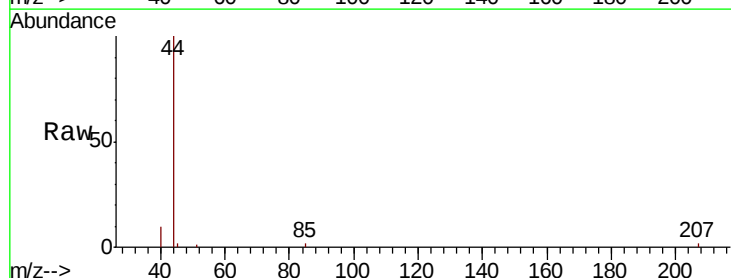
Acq: 21 Sep 2018 18:41

Tgt Ion: 85 Resp: 48

Ion Ratio Lower Upper

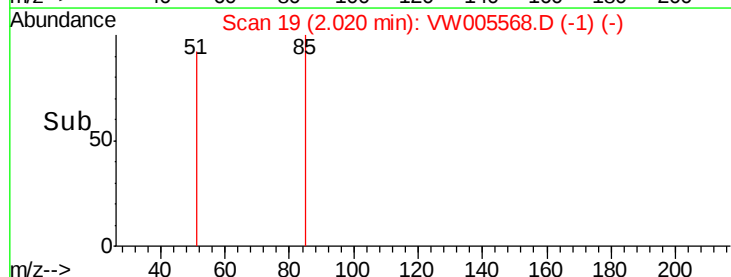
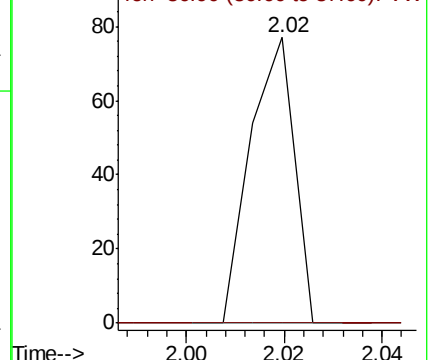
85 100

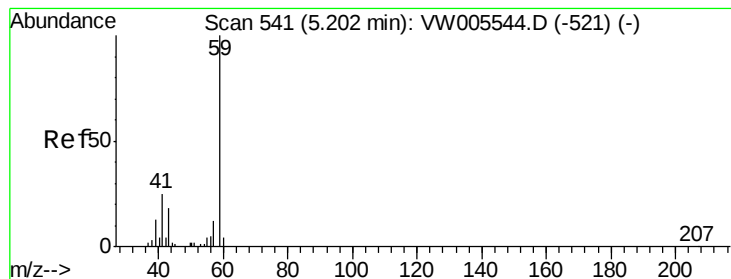
87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#11

Tert butyl alcohol

Concen: 1.795 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.00 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

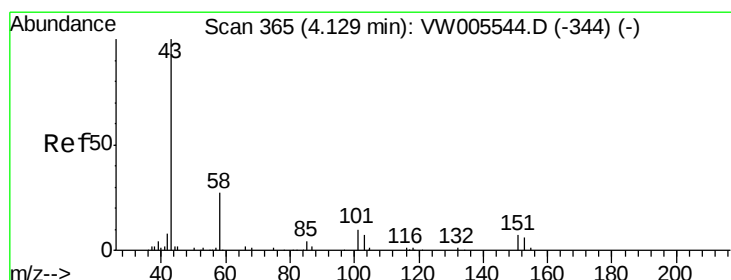
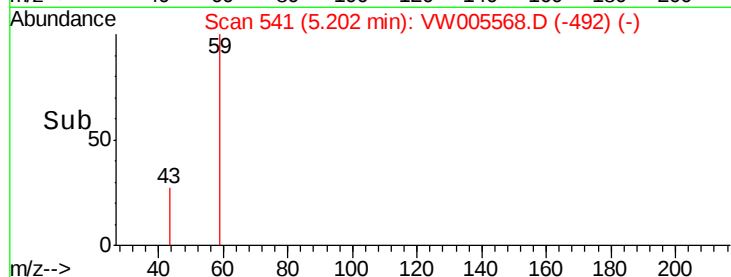
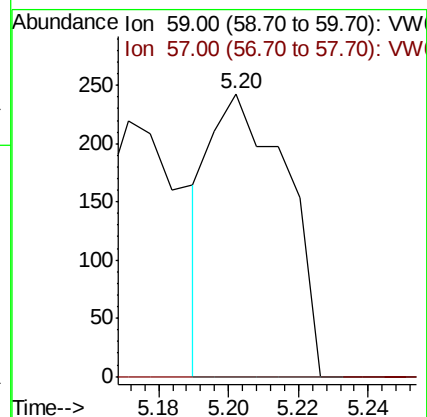
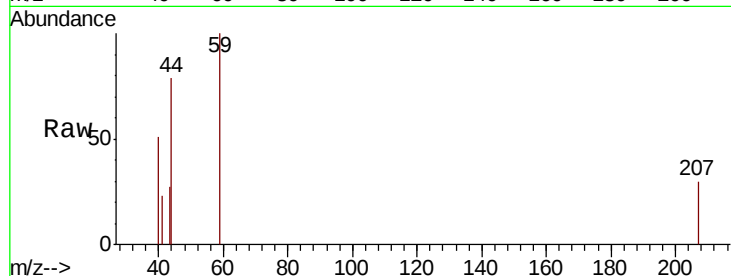
YG3-SLOAN-PARK-BRIDGE

Tgt Ion: 59 Resp: 367

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 8.911 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005568.D

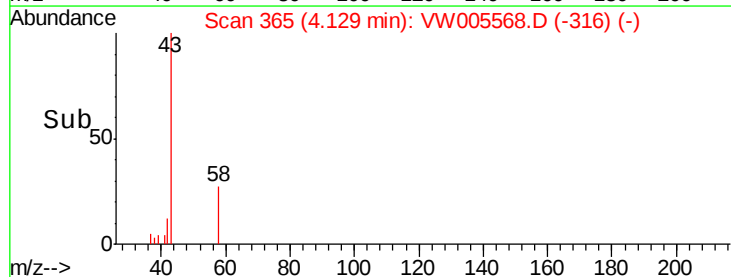
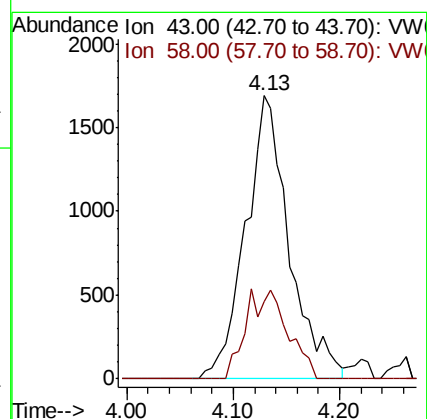
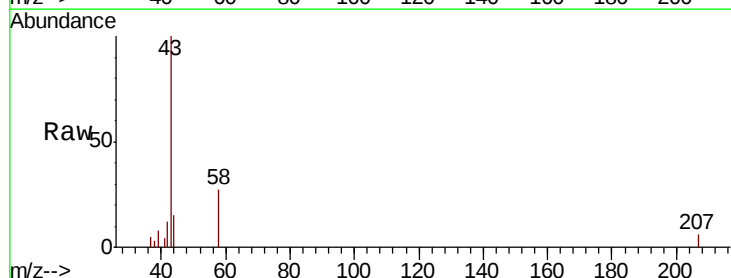
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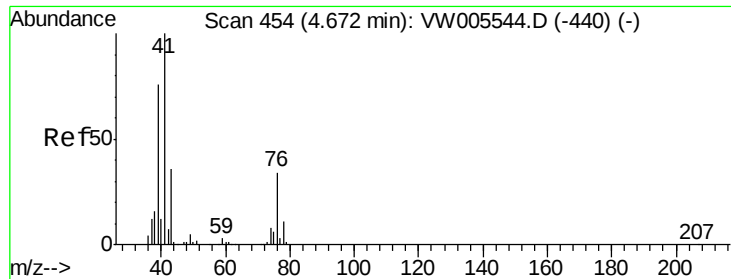
Tgt Ion: 43 Resp: 4850

Ion Ratio Lower Upper

43 100

58 27.2 21.8 32.8

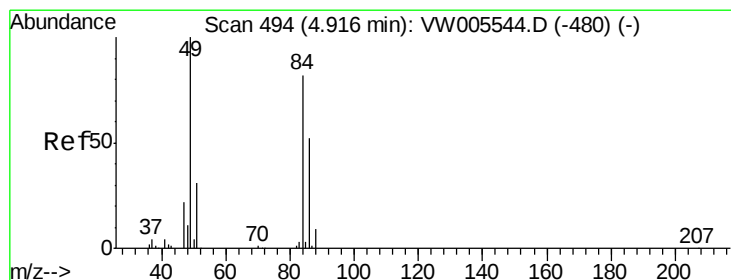
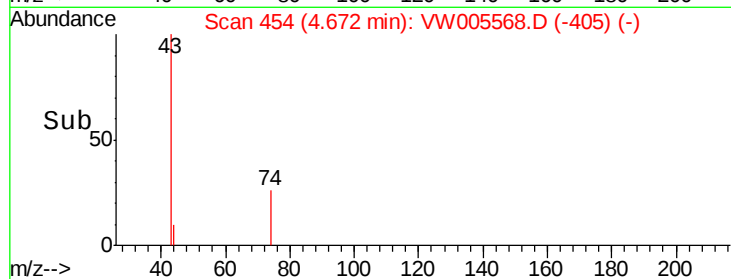
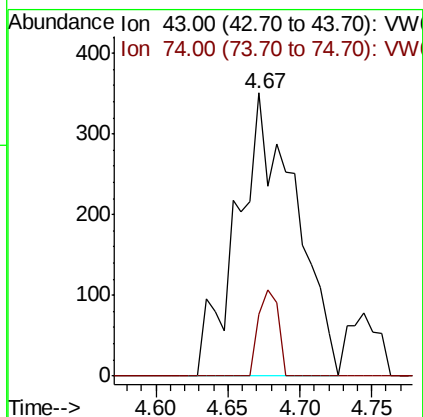
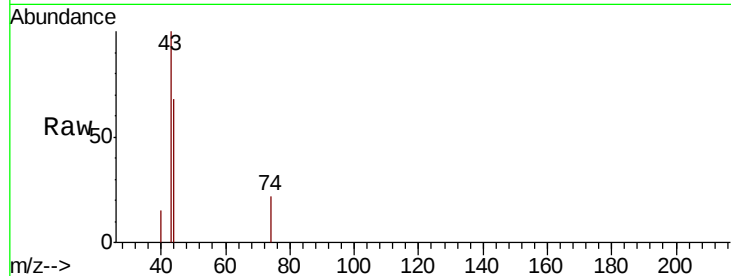




#18
Methyl Acetate
Concen: 1.220 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

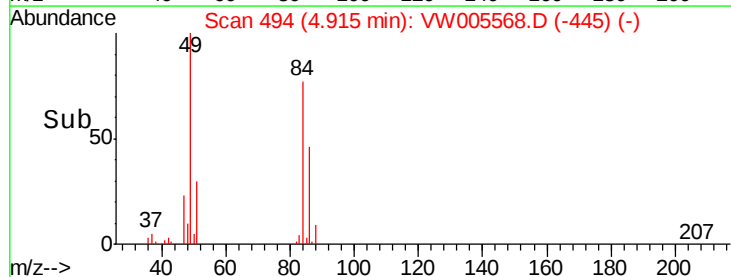
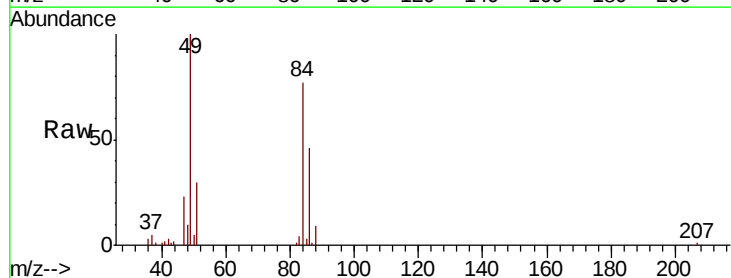
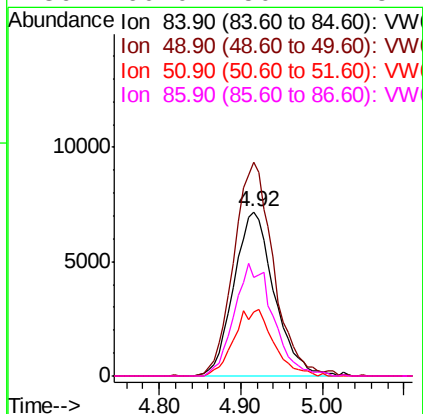
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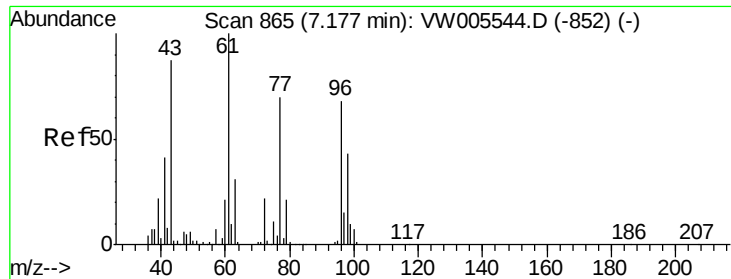
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
74 10.1 19.2 28.8#



#20
Methylene Chloride
Concen: 14.119 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

Tgt Ion: 84 Resp: 24678
Ion Ratio Lower Upper
84 100
49 130.2 97.0 145.6
51 39.3 30.2 45.2
86 60.0 50.2 75.4

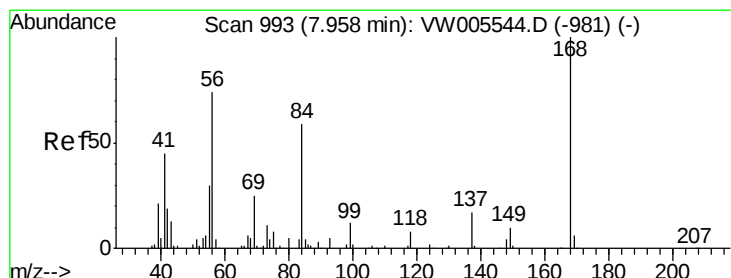
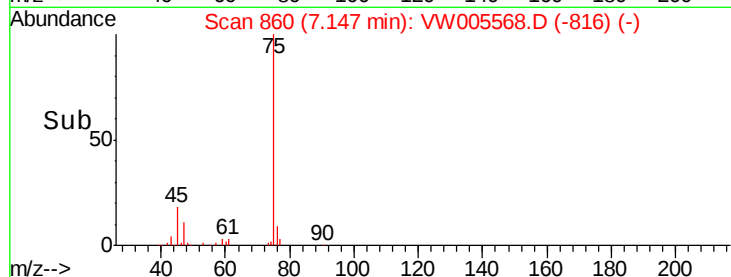
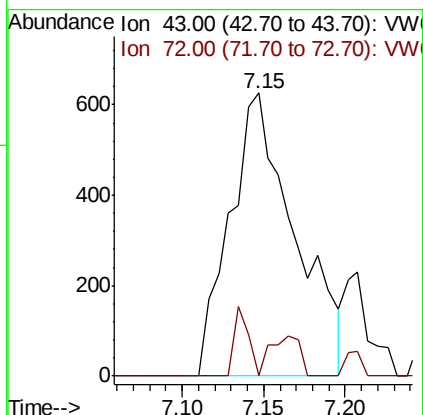
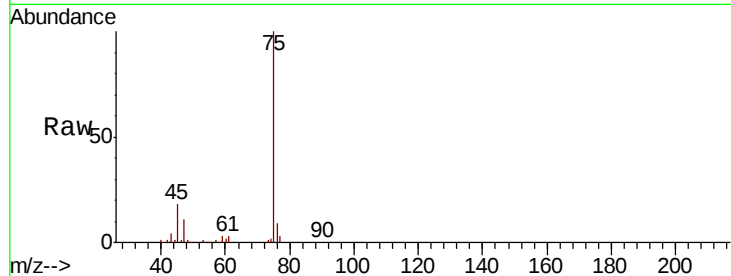




#25
2-Butanone
Concen: 4.163 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

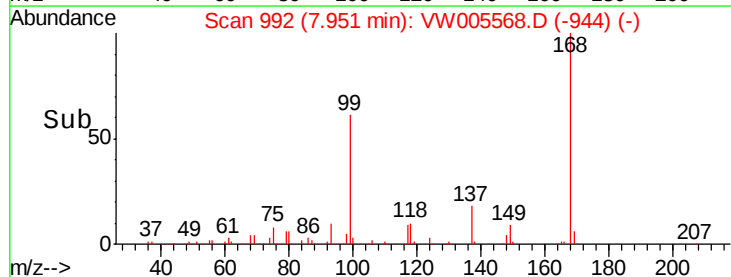
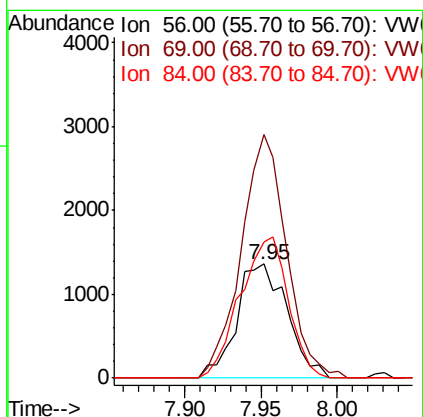
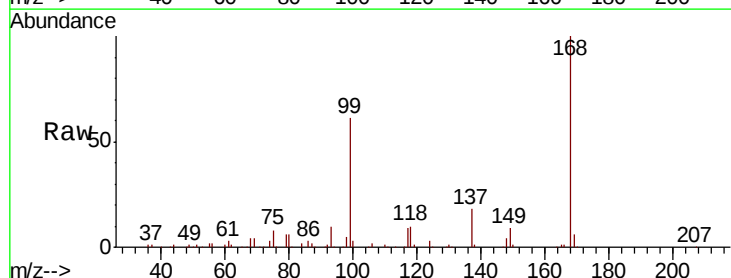
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MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

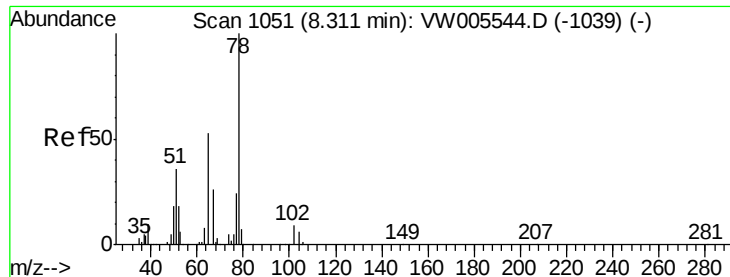
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

Tgt Ion: 56 Resp: 3133
Ion Ratio Lower Upper
56 100
69 213.7 27.0 40.4#
84 119.1 64.2 96.4#

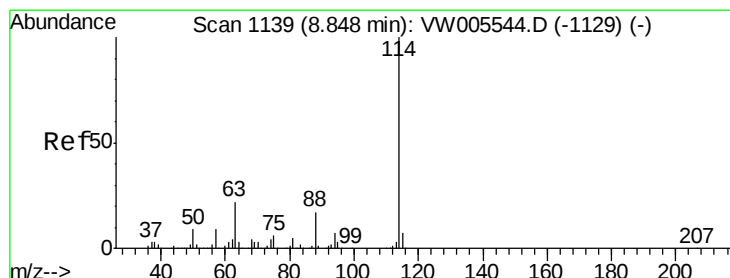
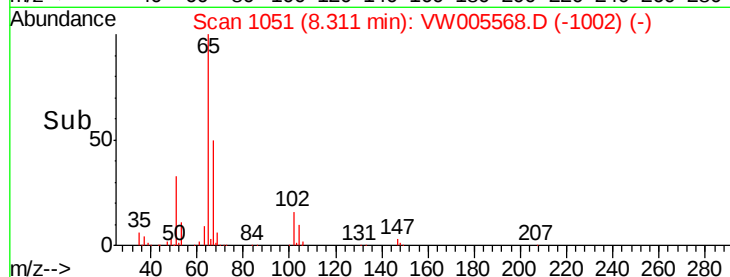
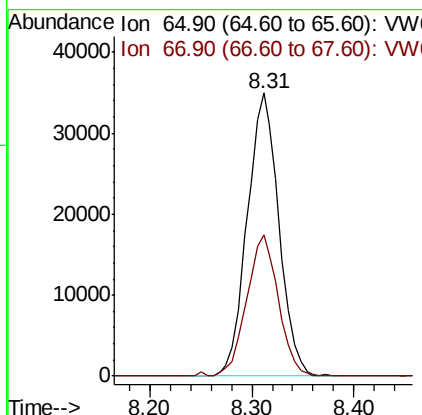
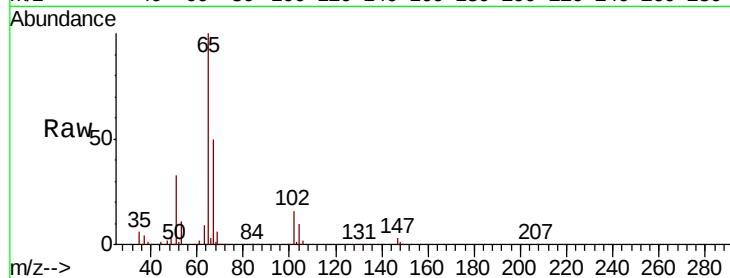




#33
 1,2-Dichloroethane-d4
 Concen: 44.102 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005568.D
 Acq: 21 Sep 2018 18:41

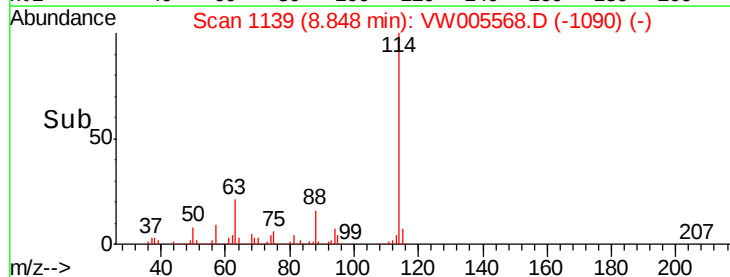
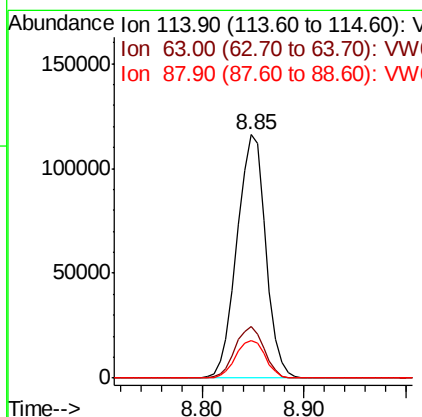
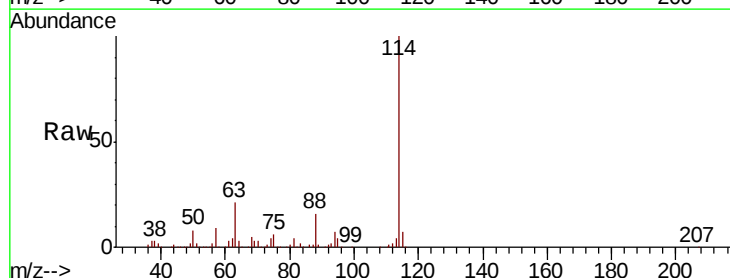
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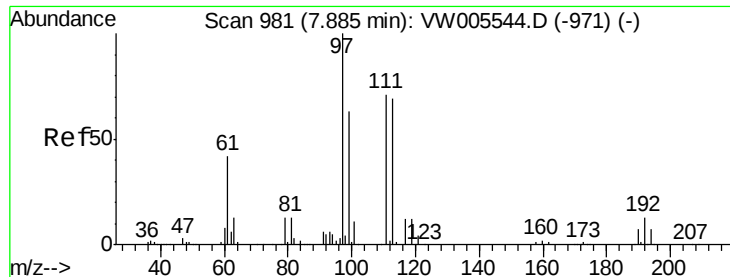
Tgt Ion: 65 Resp: 75539
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005568.D
 Acq: 21 Sep 2018 18:41

Tgt Ion: 114 Resp: 226253
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.5 0.0 33.0

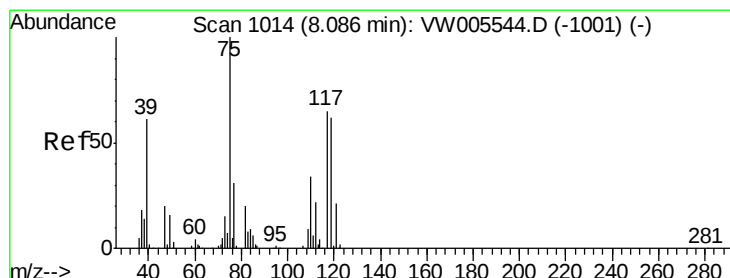
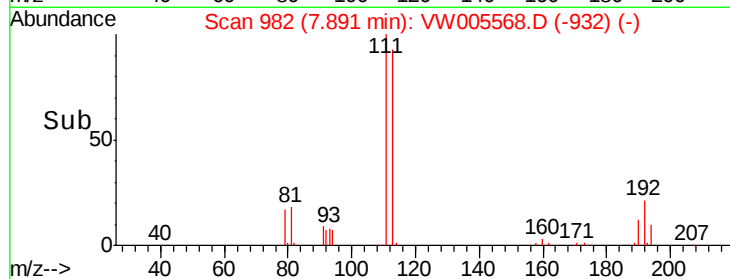
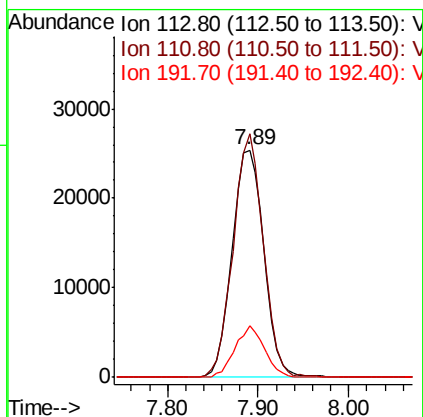
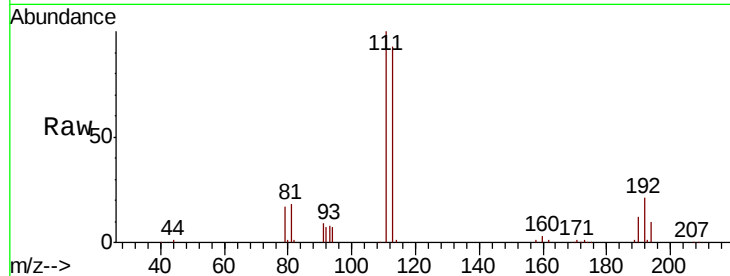




#35
 Dibromofluoromethane
 Concen: 43.438 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005568.D
 Acq: 21 Sep 2018 18:41

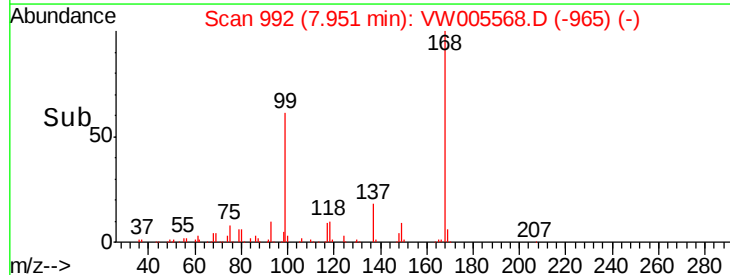
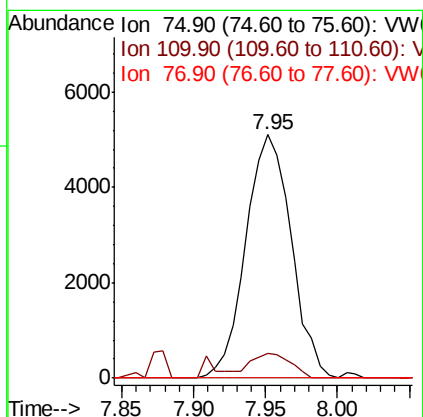
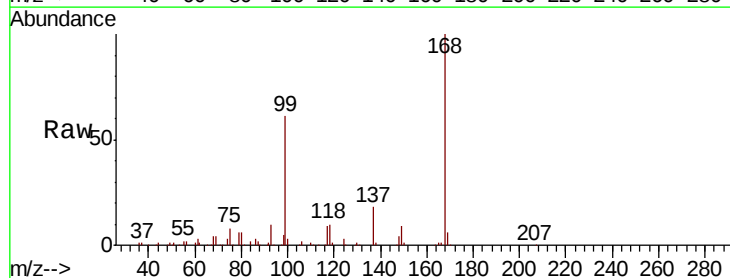
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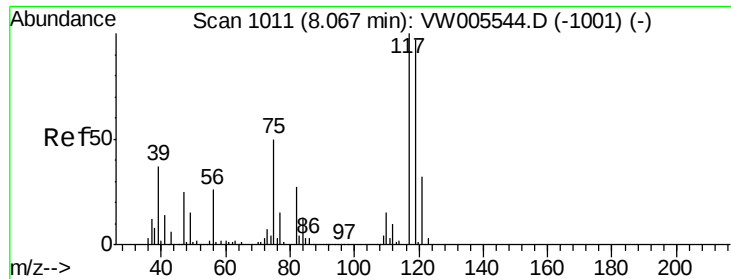
Tgt Ion:113 Resp: 61804
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 123.8
 192 20.9 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 4.901 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005568.D
 Acq: 21 Sep 2018 18:41

Tgt Ion: 75 Resp: 11162
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.0 50.9#
 77 0.0 24.8 37.2#

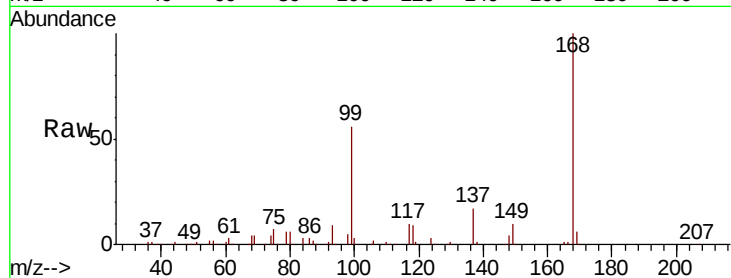




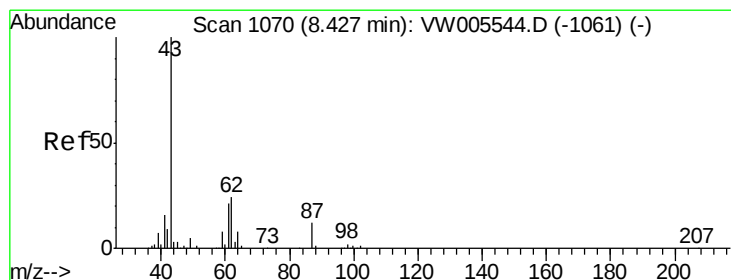
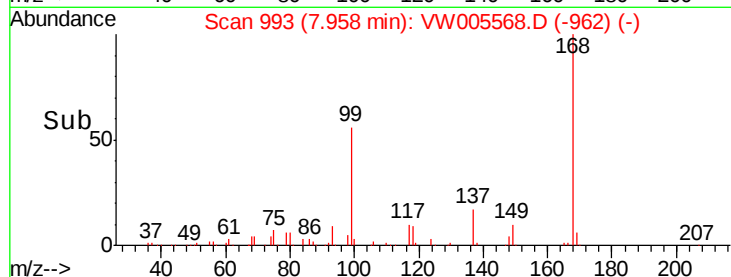
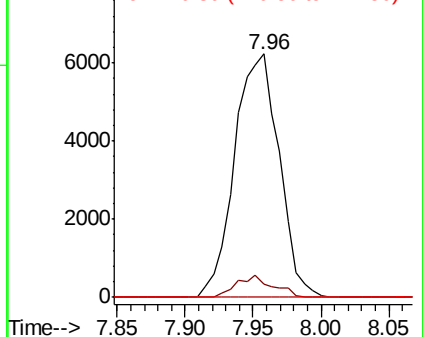
#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

Tgt Ion:117 Resp: 14253
Ion Ratio Lower Upper
117 100
119 5.2 77.6 116.4#
121 0.0 25.7 38.5#

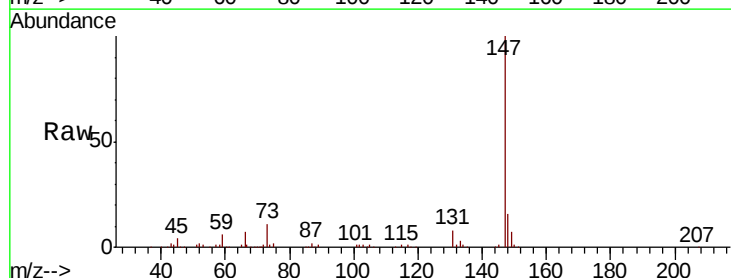


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

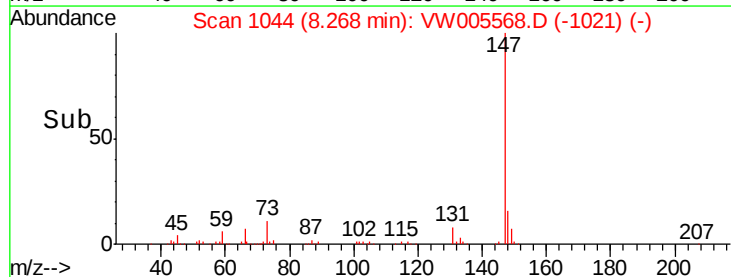
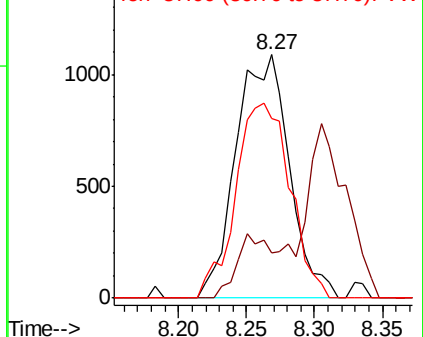


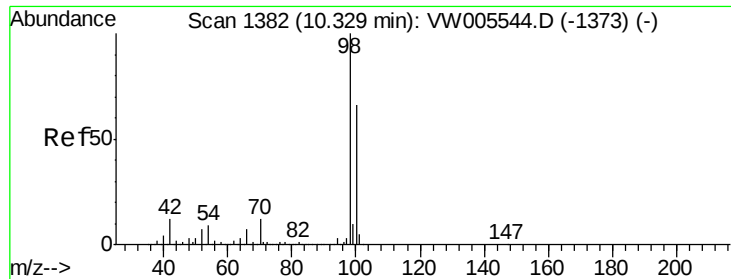
#43
Isopropyl Acetate
Concen: 1.583 ug/l
RT: 8.27 min Scan# 1044
Delta R.T. -0.16 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
61 18.3 24.1 36.1#
87 81.7 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 34.445 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

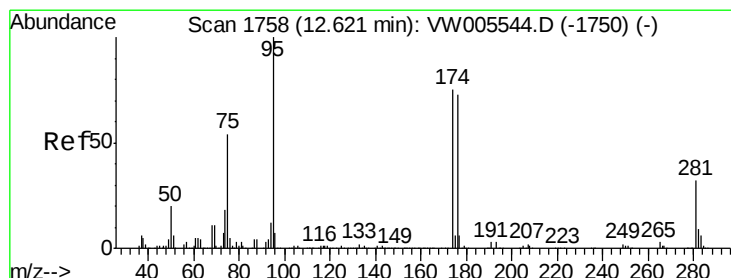
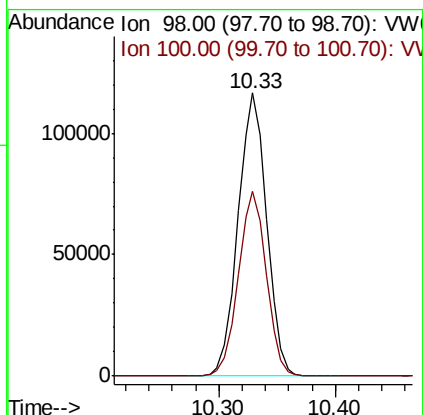
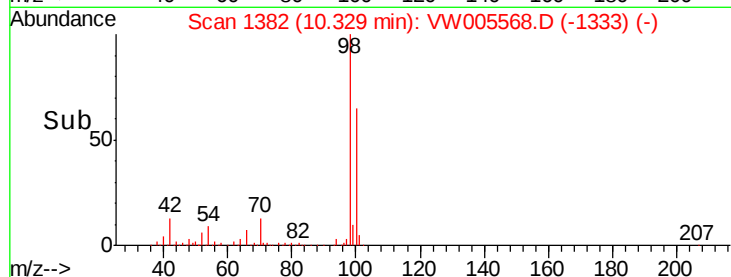
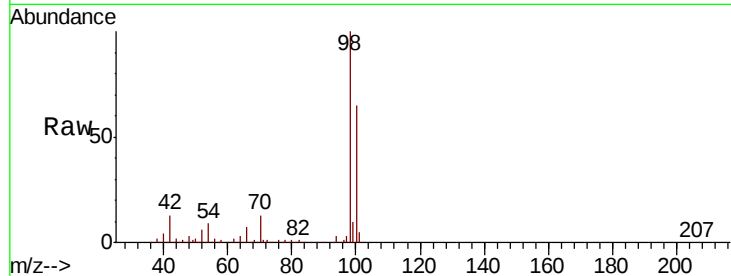
YG3-SLOAN-PARK-BRIDGE

Tgt Ion: 98 Resp: 199556

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.420 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

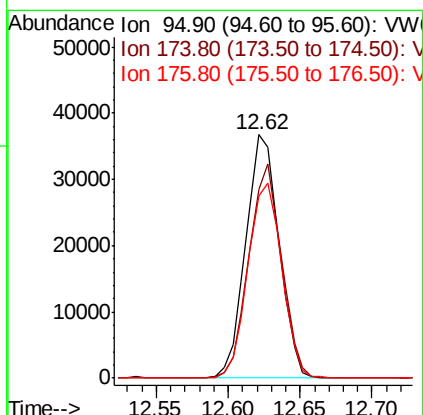
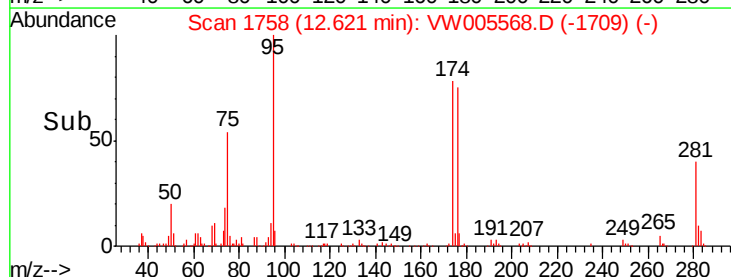
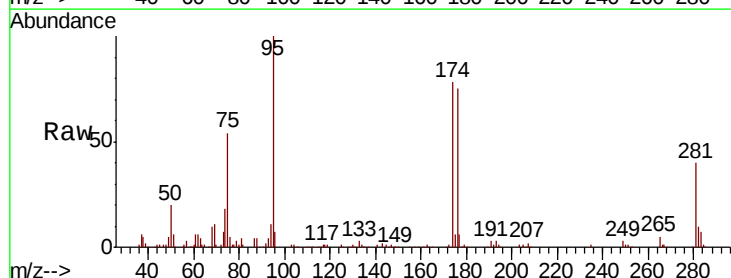
Tgt Ion: 95 Resp: 58781

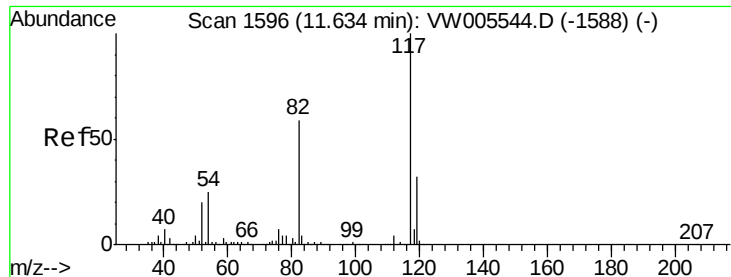
Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.8

176 81.4 0.0 158.0

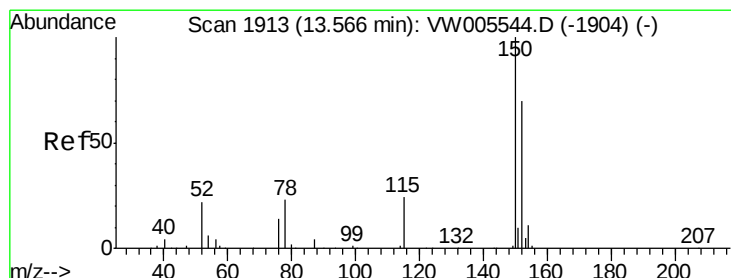
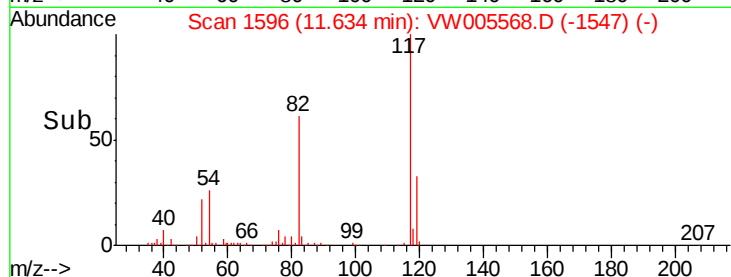
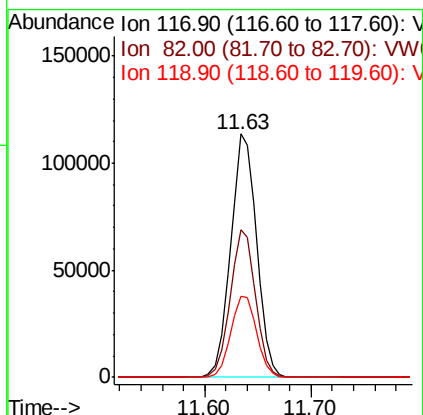
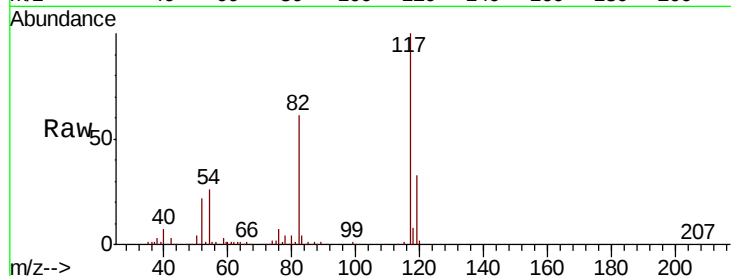




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

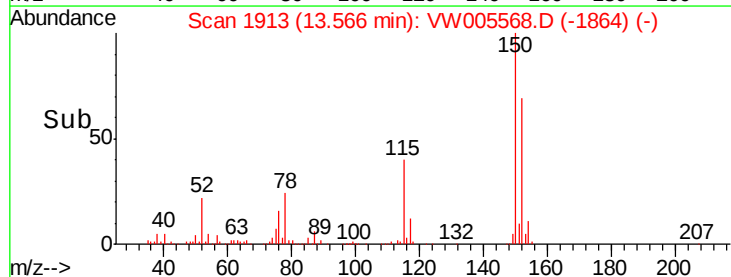
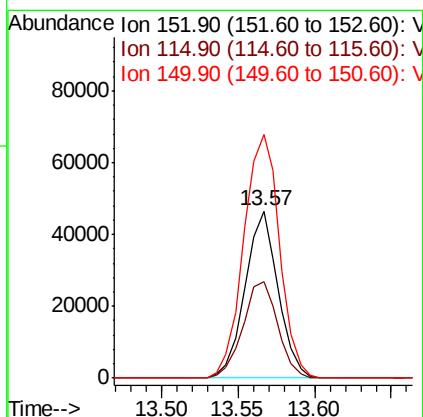
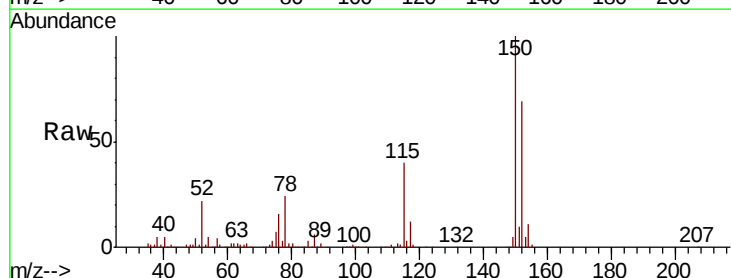
Instrument :
MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGE

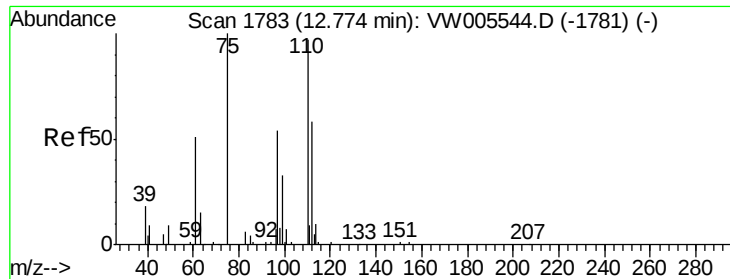
Tgt Ion:117 Resp: 193602
Ion Ratio Lower Upper
117 100
82 60.8 46.9 70.3
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005568.D
Acq: 21 Sep 2018 18:41

Tgt Ion:152 Resp: 69672
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 158.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 53.342 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

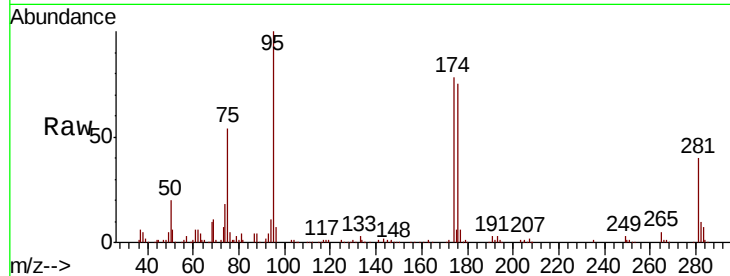
YG3-SLOAN-PARK-BRIDGE

Tgt Ion: 75 Resp: 31680

Ion Ratio Lower Upper

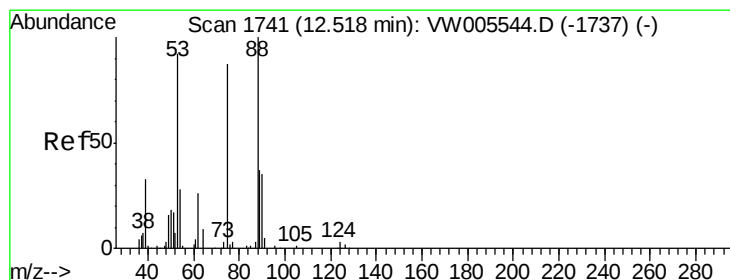
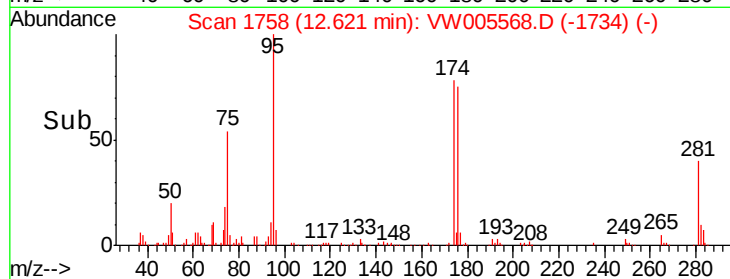
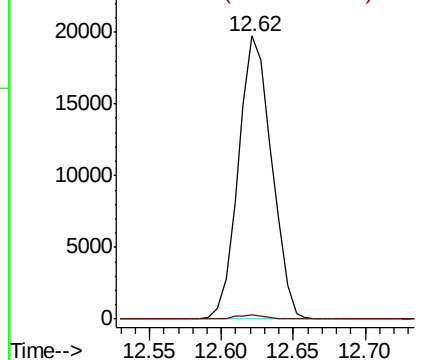
75 100

77 1.2 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: 120.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005568.D

Acq: 21 Sep 2018 18:41

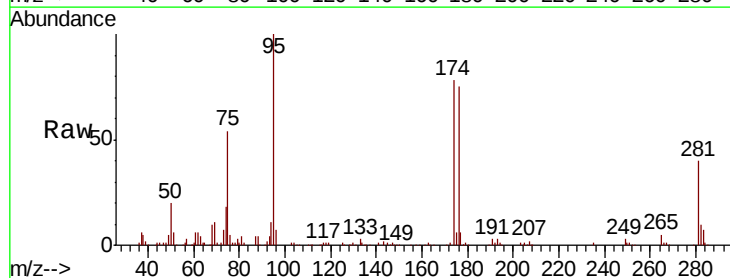
Tgt Ion: 75 Resp: 31680

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.5 37.3 55.9#



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

