

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005586.D
 Acq On : 24 Sep 2018 15:47
 Operator : VA/AP
 Sample : J4998-01RE
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 25 04:57:21 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	7.96	168	176016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	214381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62123	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	68615	33.09	ug/l	0.00
Spiked Amount			Recovery	=	66.18%	
35) Dibromofluoromethane	7.89	113	54146	31.82	ug/l	0.00
Spiked Amount			Recovery	=	63.64%	
50) Toluene-d8	10.33	98	167889	24.23	ug/l	0.00
Spiked Amount			Recovery	=	48.46%	
62) 4-Bromofluorobenzene	12.62	95	44114	17.21	ug/l	0.00
Spiked Amount			Recovery	=	34.42%	

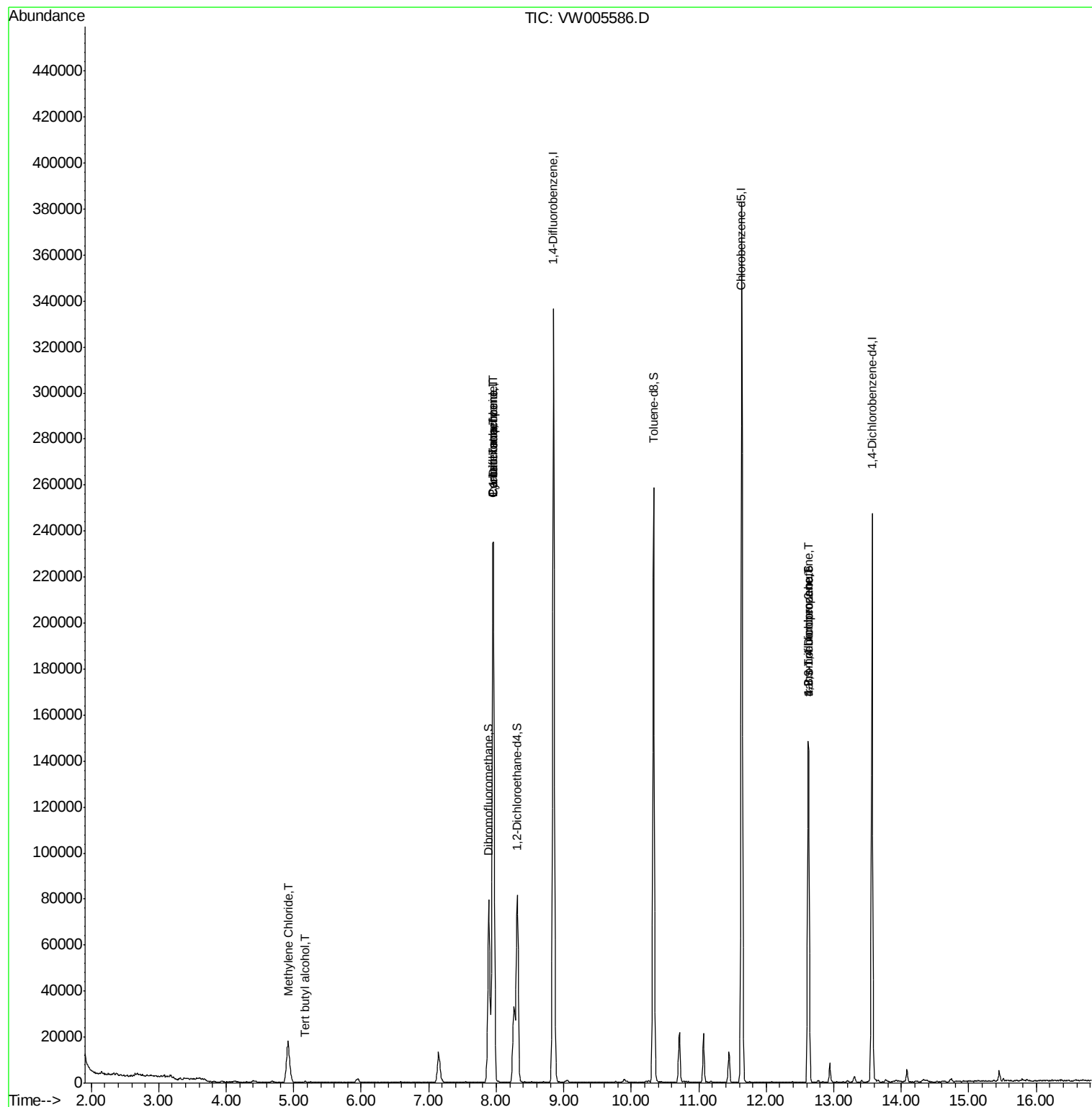
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	554	2.830	ug/l #	72
13) Acrolein	3.62	56	19	Below Cal	#	1
16) Acetone	4.13	43	1173	Below Cal		99
20) Methylene Chloride	4.92	84	14142	4.213	ug/l	93
31) Cyclohexane	7.95	56	4215	1.311	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	13843	5.082	ug/l #	52
38) Carbon Tetrachloride	7.95	117	17697	6.063	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	23196	43.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	23196	98.657	ug/l #	7

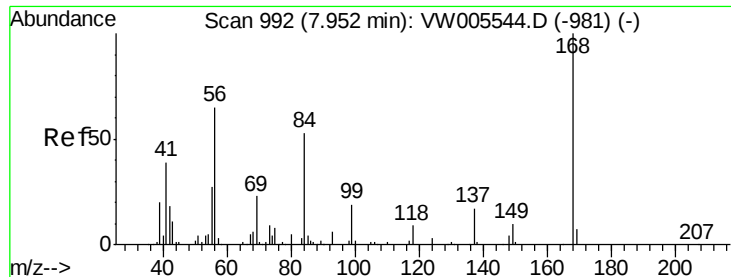
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

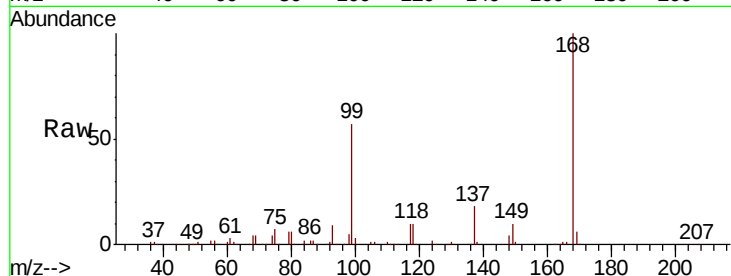
YG3-SLOAN-PARK-BRIDGERE

Tot Ion:168 Resp: 176016

Ion Ratio Lower Upper

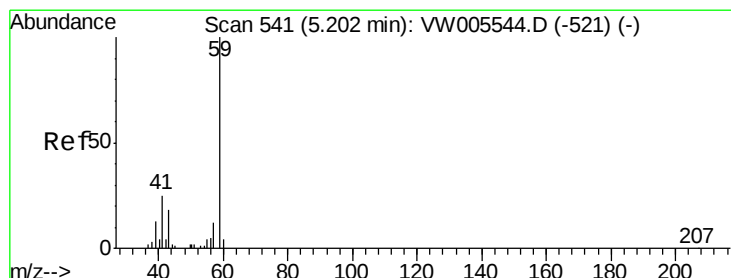
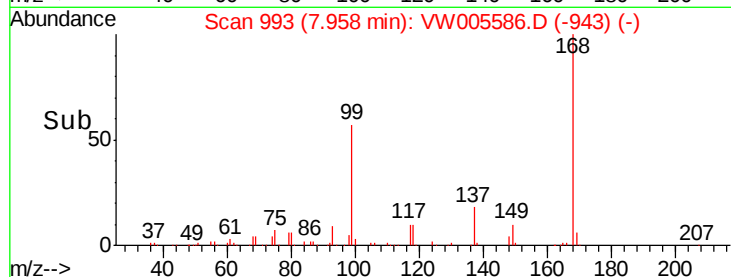
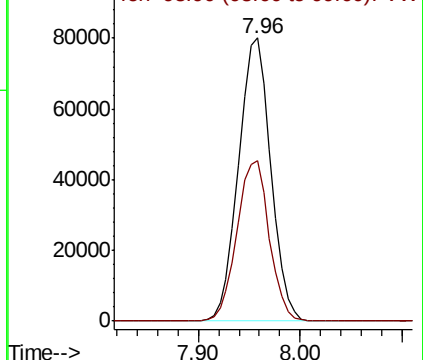
168 100

99 56.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.830 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.03 min

Lab File: VW005586.D

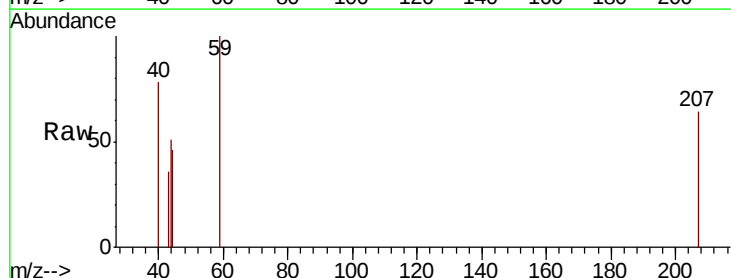
Acq: 24 Sep 2018 15:47

Tgt Ion: 59 Resp: 554

Ion Ratio Lower Upper

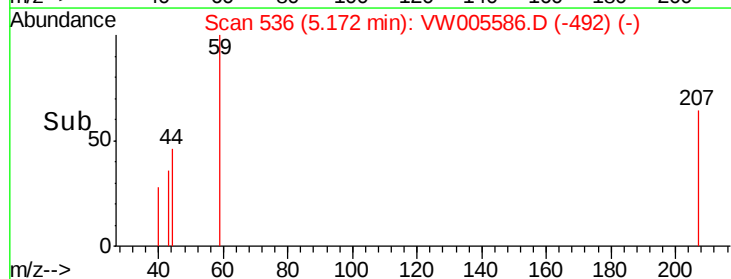
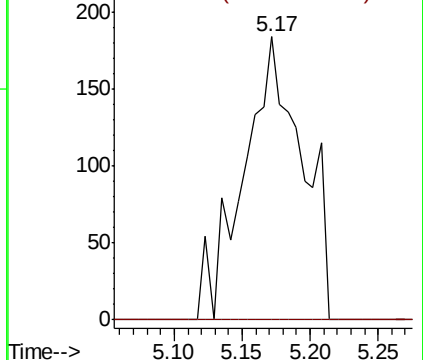
59 100

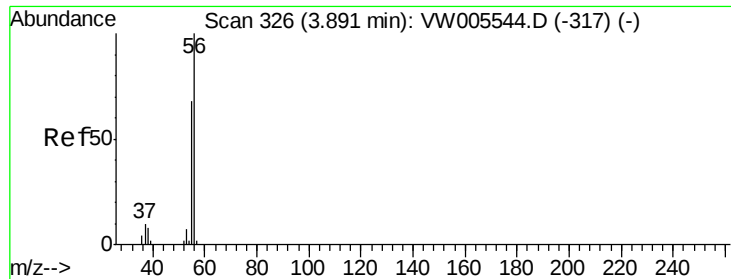
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

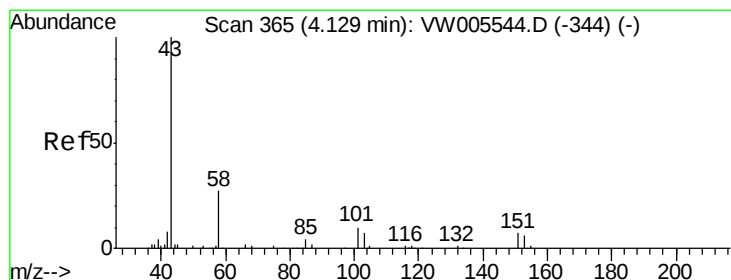
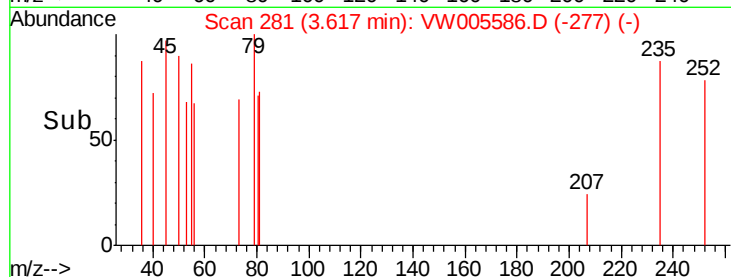
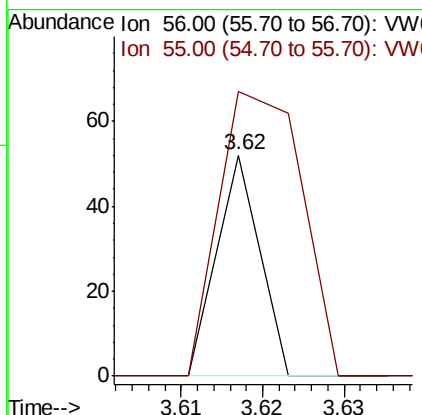
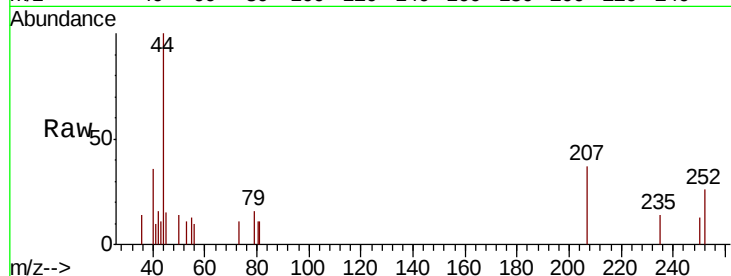




#13
Acrolein
Concen: Below Cal
RT: 3.62 min Scan# 281
Delta R.T. -0.27 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

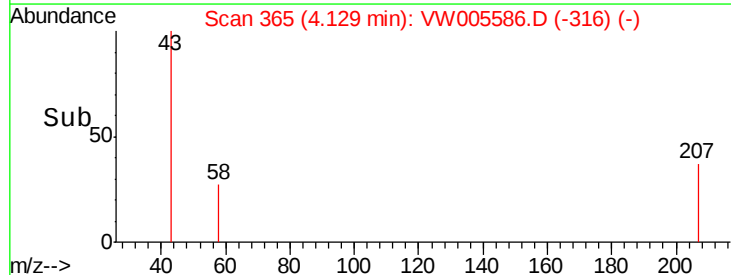
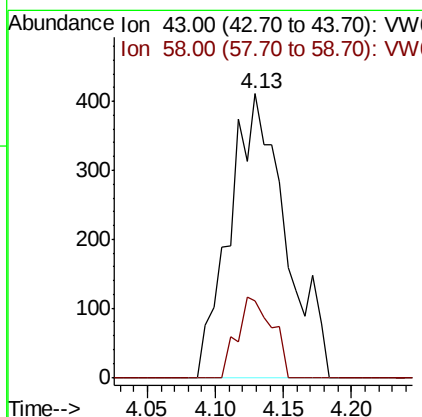
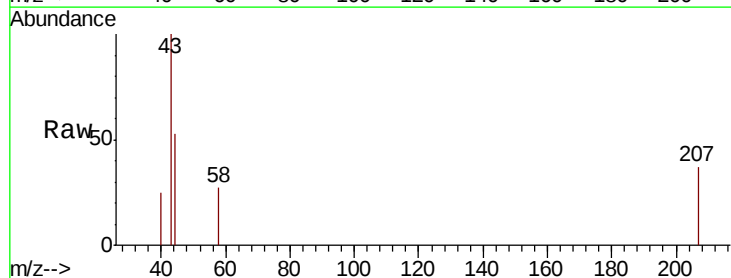
Instrument :
MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

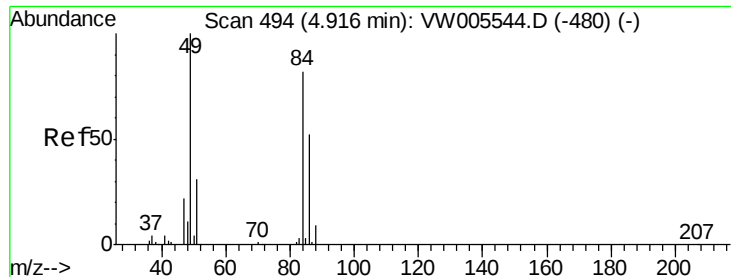
Tot Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 247.4 57.8 86.8#



#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 27.0 21.8 32.8

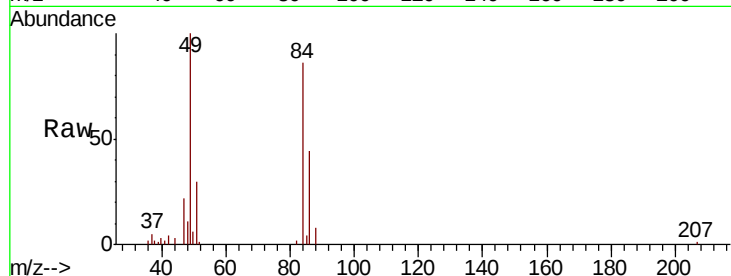




#20
Methylene Chloride
Concen: 4.213 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

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

Tot Ion:	84	Resp:	14142
Ion	Ratio	Lower	Upper
84	100		
49	116.6	97.0	145.6
51	35.4	30.2	45.2
86	51.7	50.2	75.4



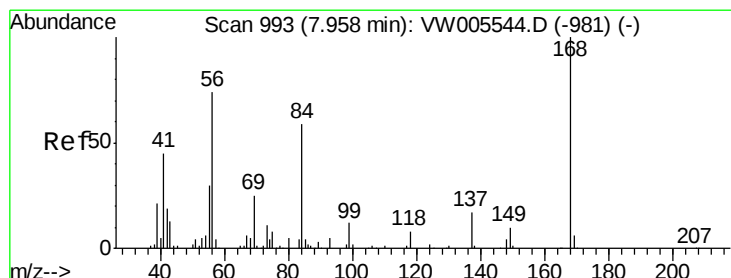
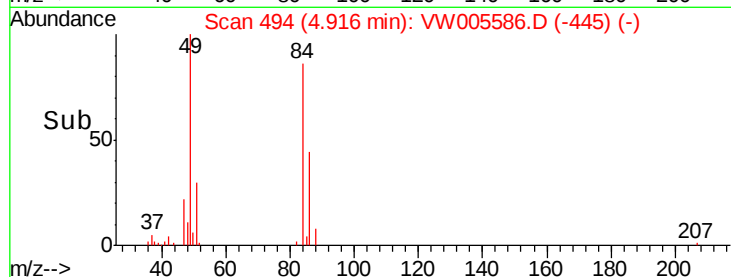
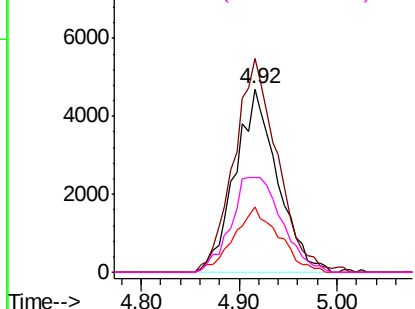
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

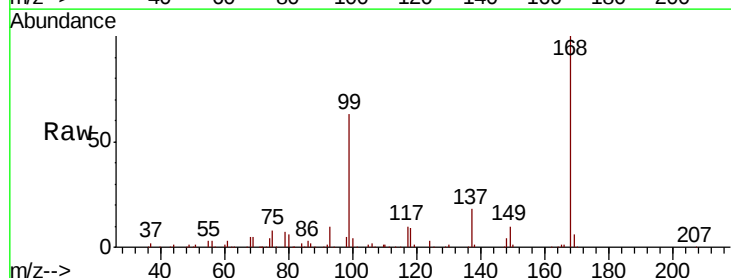
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Tgt Ion:	56	Resp:	4215
Ion	Ratio	Lower	Upper
56	100		
69	160.2	27.0	40.4#
84	69.7	64.2	96.4

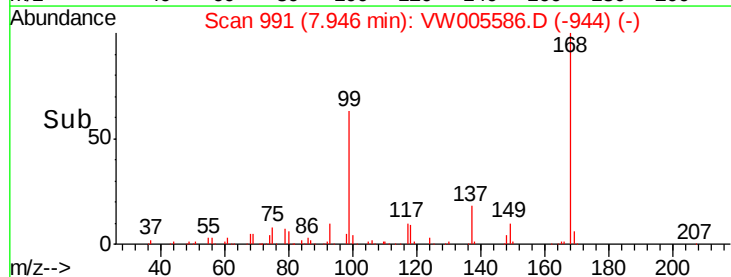
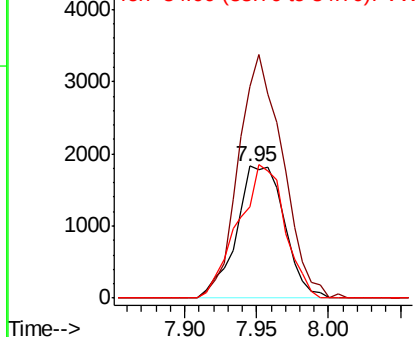


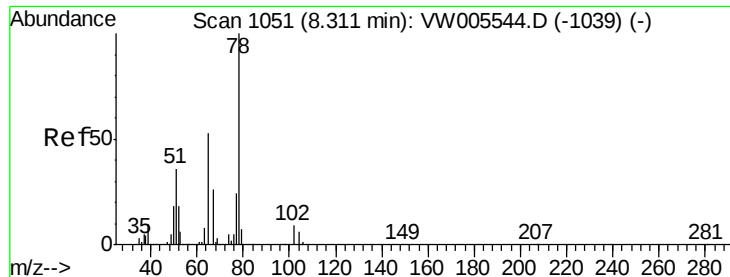
Abundance

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: 33.090 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

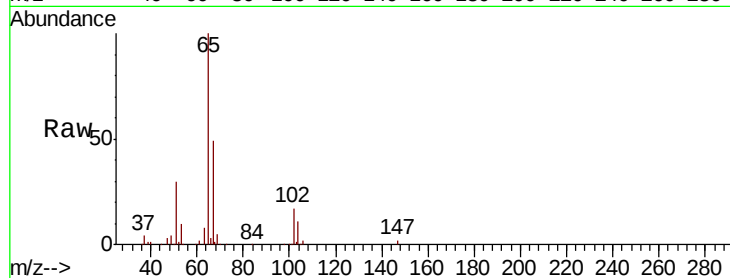
YG3-SLOAN-PARK-BRIDGERE

Tot Ion: 65 Resp: 68615

Ion Ratio Lower Upper

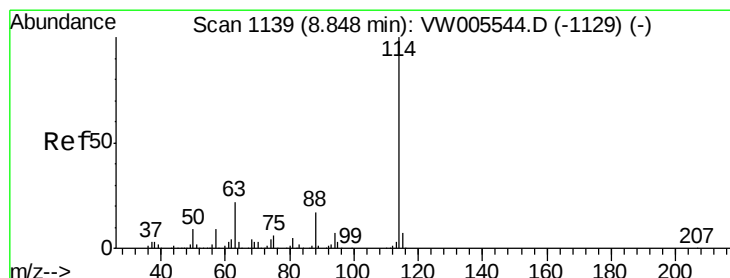
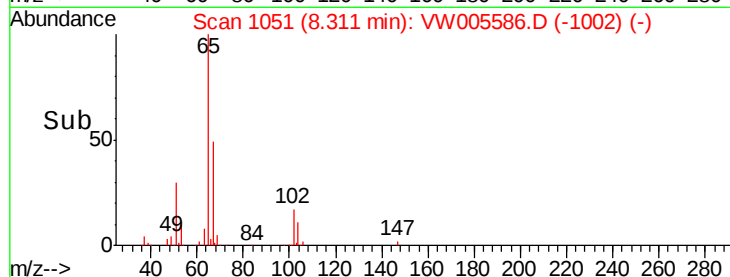
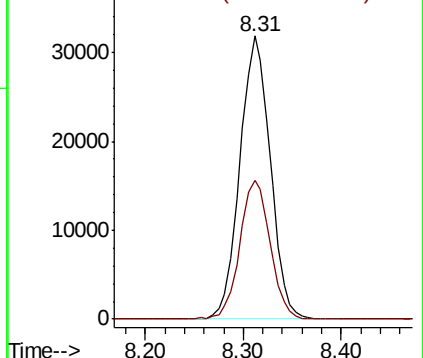
65 100

67 49.0 0.0 100.6



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: VW005586.D

Acq: 24 Sep 2018 15:47

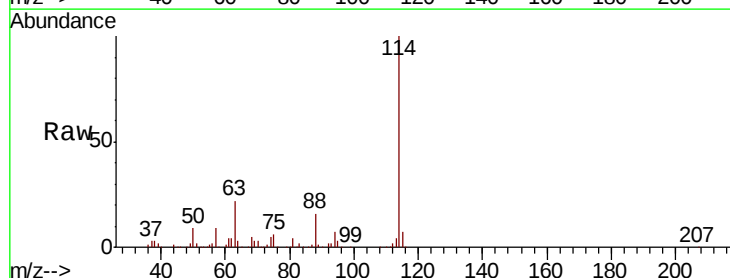
Tgt Ion: 114 Resp: 270591

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

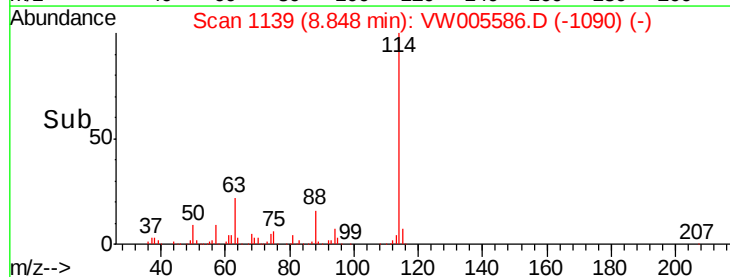
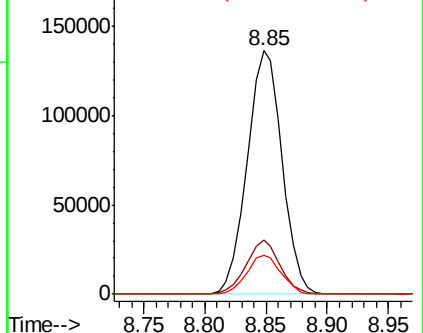
88 15.9 0.0 33.0

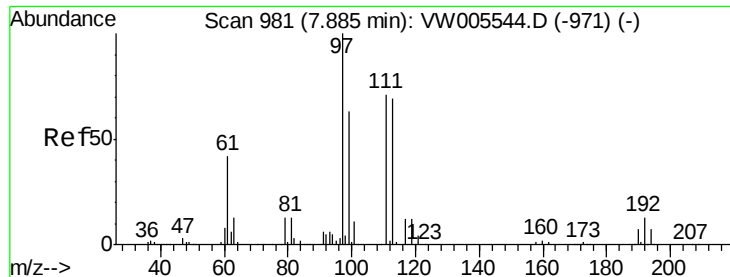


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 31.820 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

YG3-SLOAN-PARK-BRIDGERE

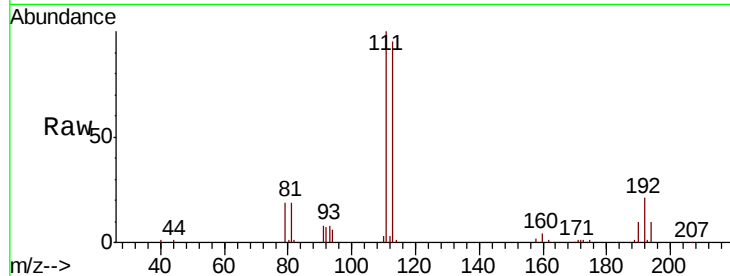
Tot Ion:113 Resp: 54146

Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

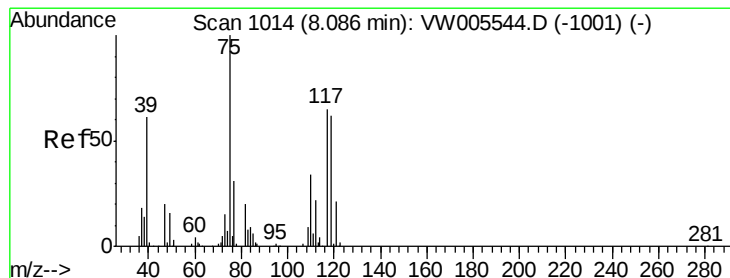
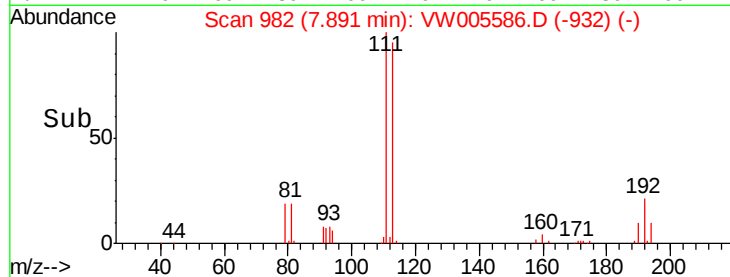
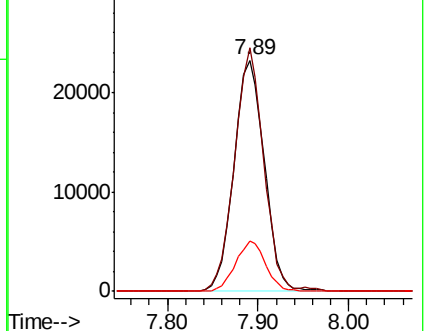
192 21.3 17.0 25.4



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: 5.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005586.D

Acq: 24 Sep 2018 15:47

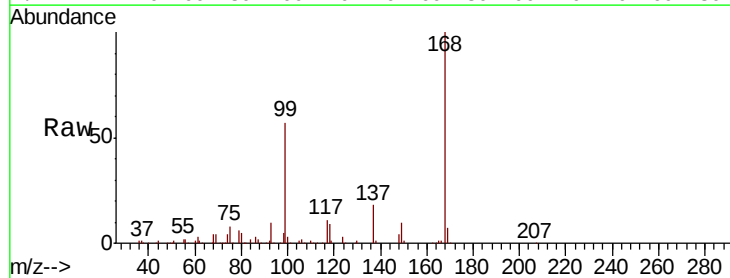
Tgt Ion: 75 Resp: 13843

Ion Ratio Lower Upper

75 100

110 10.8 17.0 50.9#

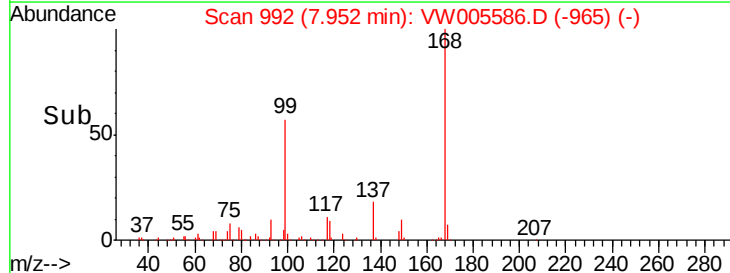
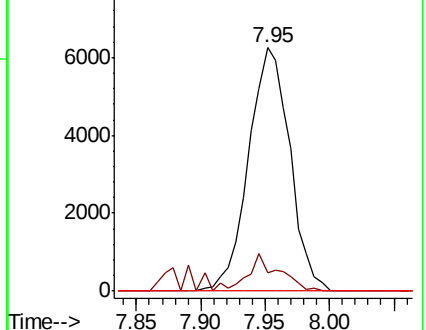
77 0.0 24.8 37.2#

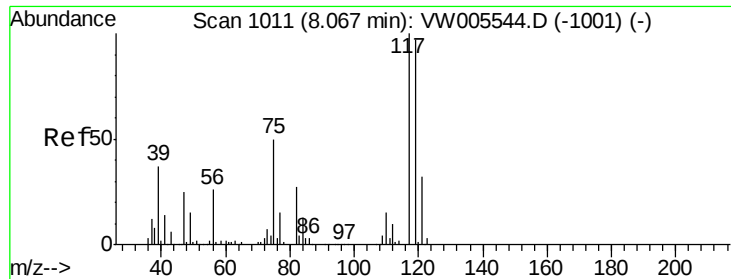


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

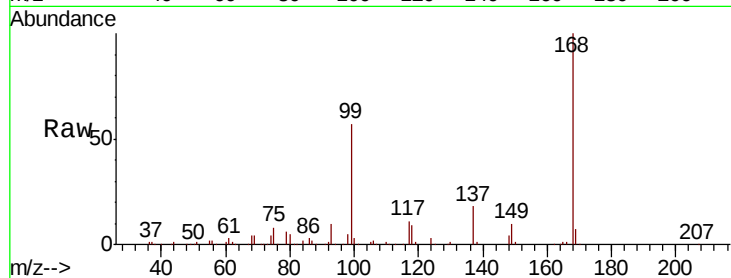




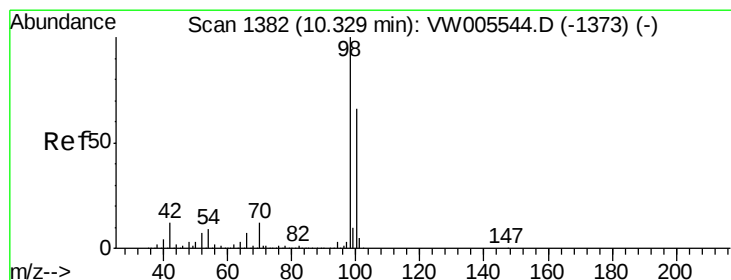
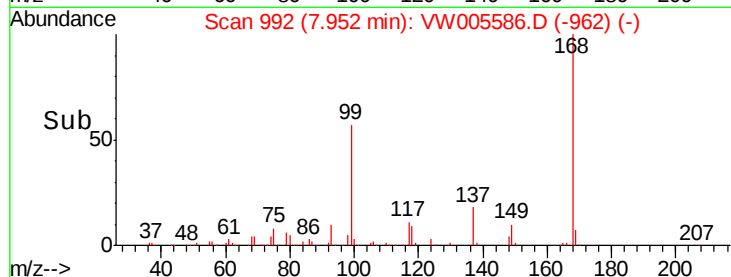
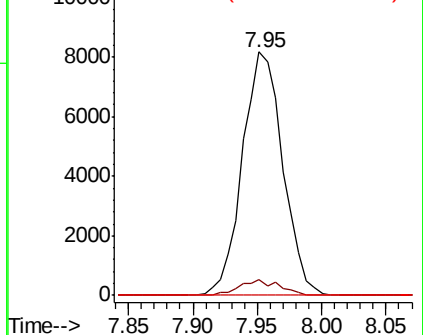
#38
Carbon Tetrachloride
Concen: 6.063 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Instrument :
MSVOA_W
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YG3-SLOAN-PARK-BRIDGERE

Tot Ion:117 Resp: 17697
Ion Ratio Lower Upper
117 100
119 6.6 77.6 116.4#
121 0.0 25.7 38.5#

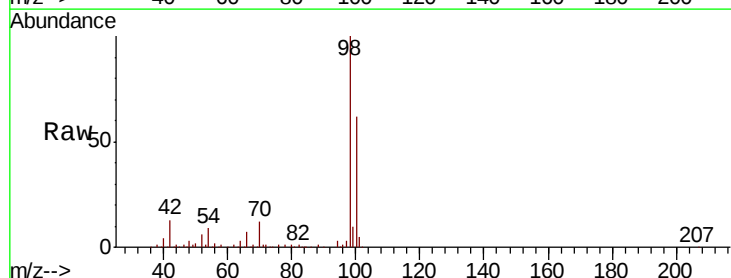


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

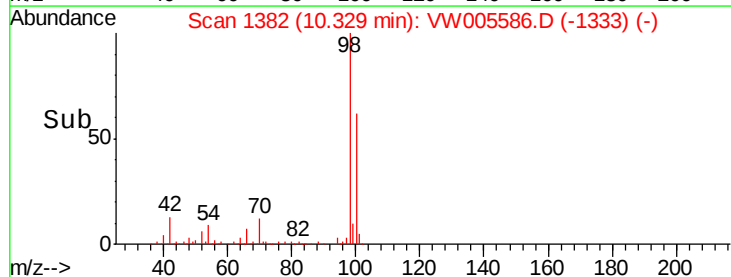
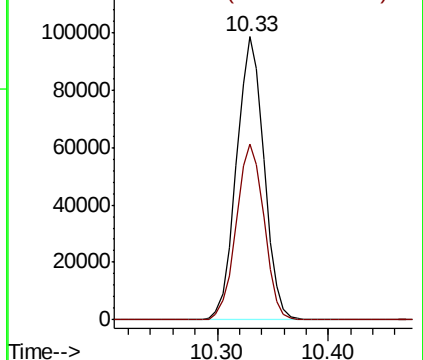


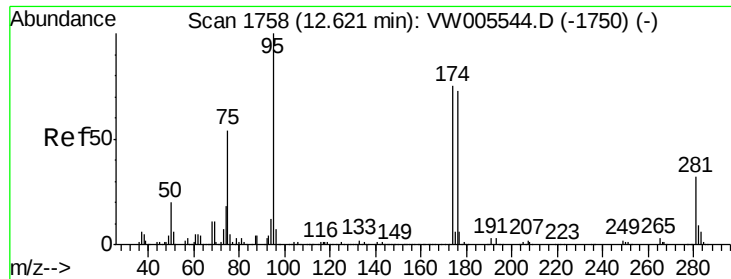
#50
Toluene-d8
Concen: 24.231 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Tgt Ion: 98 Resp: 167889
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



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

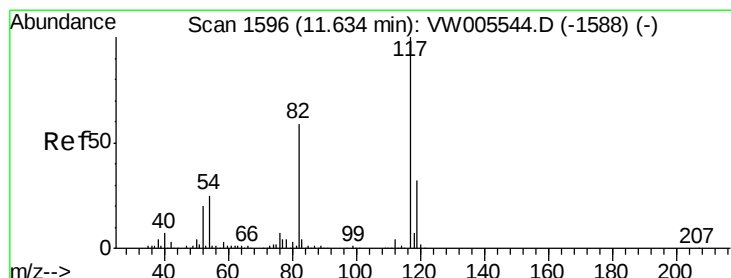
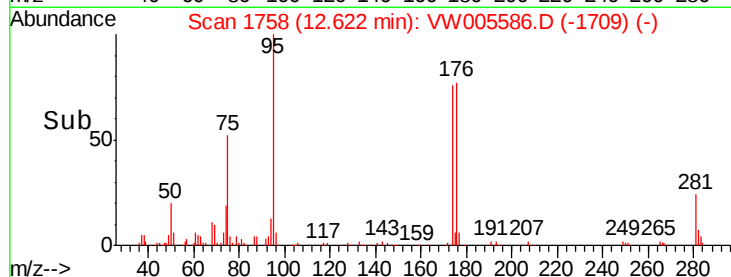
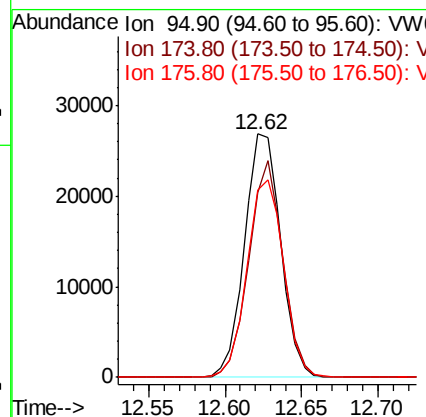
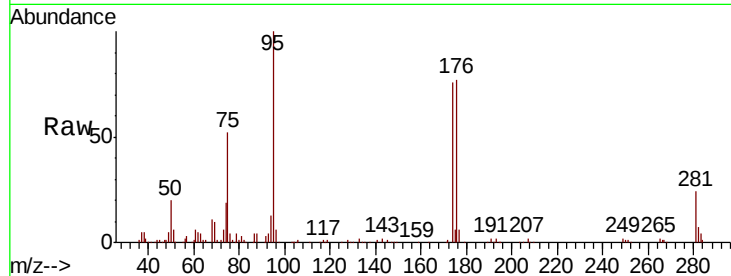




#62
4-Bromofluorobenzene
Concen: 17.207 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

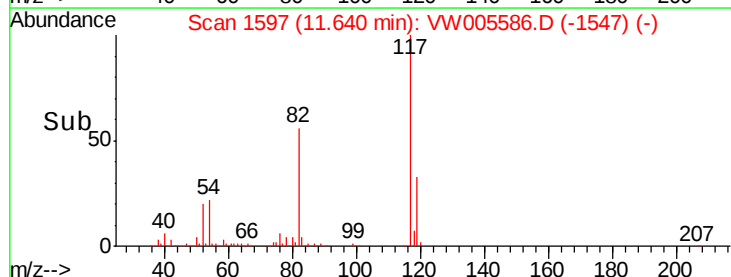
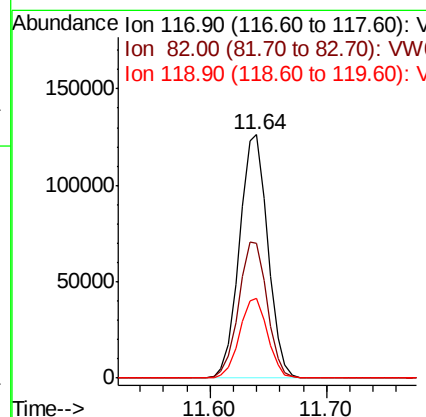
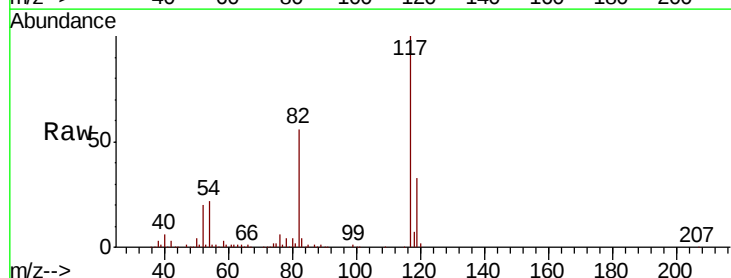
Instrument :
MSVOA_W
ClientSampleId :
YG3-SLOAN-PARK-BRIDGERE

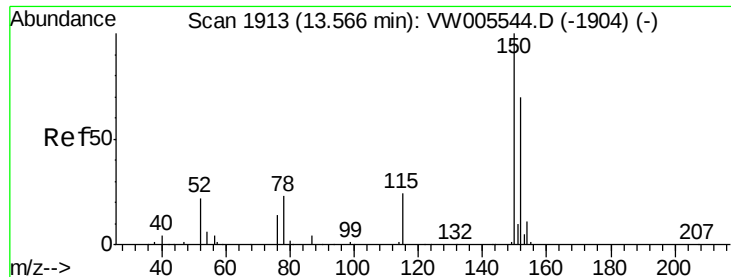
Tot Ion: 95 Resp: 44114
Ion Ratio Lower Upper
95 100
174 83.6 0.0 163.8
176 82.4 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005586.D
Acq: 24 Sep 2018 15:47

Tgt Ion: 117 Resp: 214381
Ion Ratio Lower Upper
117 100
82 55.5 46.9 70.3
119 33.0 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: VW005586.D

Acq: 24 Sep 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

YG3-SLOAN-PARK-BRIDGERE

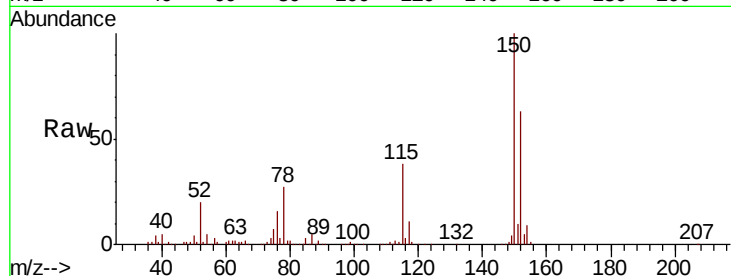
Tot Ion:152 Resp: 62123

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

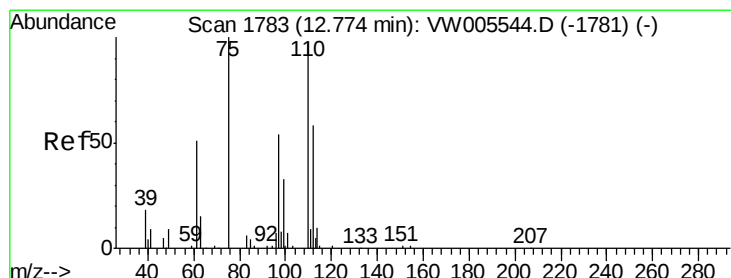
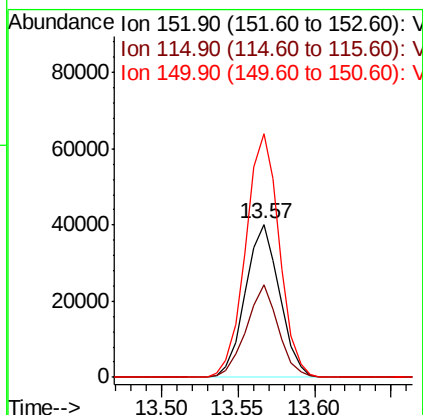
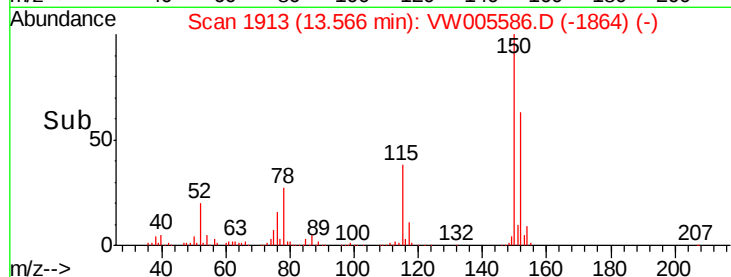
150 157.2 0.0 348.6



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: 43.803 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005586.D

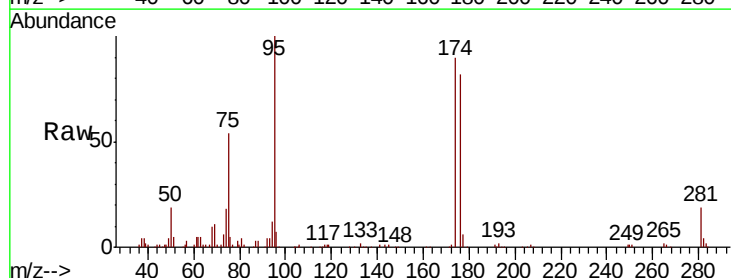
Acq: 24 Sep 2018 15:47

Tgt Ion: 75 Resp: 23196

Ion Ratio Lower Upper

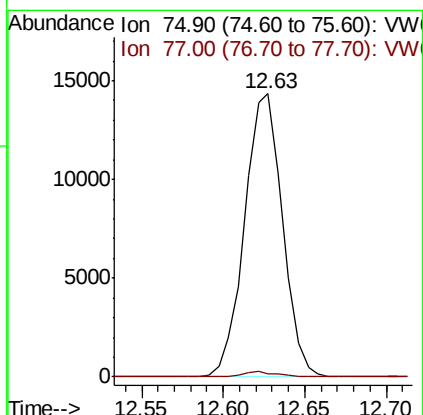
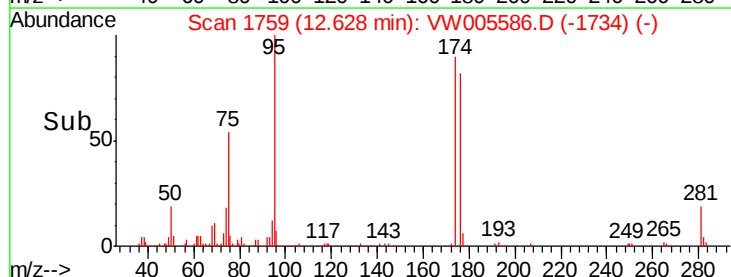
75 100

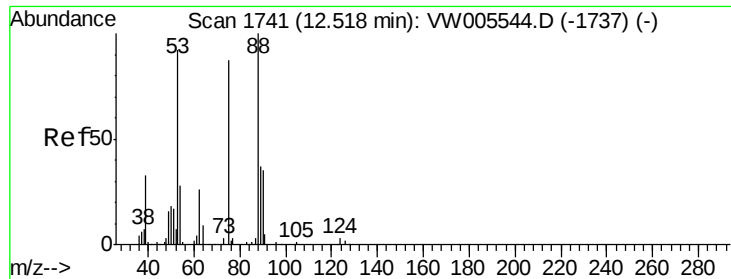
77 1.5 0.0 0.0#



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: 98.657 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005586.D
 Acq: 24 Sep 2018 15:47

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

Tot Ion: 75 Resp: 23196
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.1 37.3 55.9#

