

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112118\
 Data File : VW006984.D
 Acq On : 20 Nov 2018 19:41
 Operator : SY/AP
 Sample : J5977-11RE
 Misc : 4.57G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:49:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

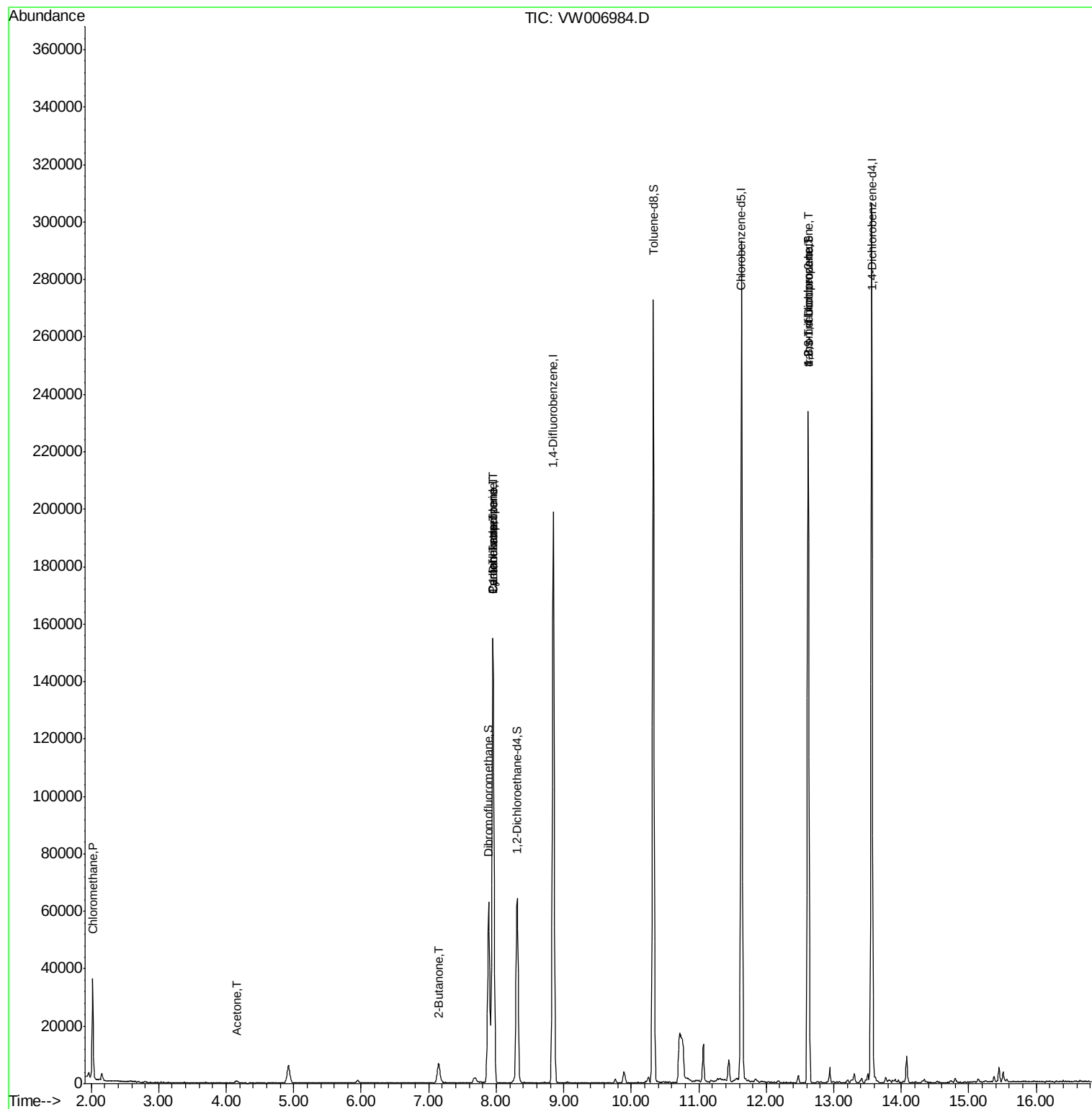
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51824	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	7.88	113	45783	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	10.32	98	187189	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	12.62	95	74327	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.02	50	1897	2.034	ug/l	93
16) Acetone	4.15	43	1668	10.352	ug/l	97
20) Methylene Chloride	4.93	84	4779	Below Cal	#	89
25) 2-Butanone	7.15	43	417	1.511	ug/l #	48
31) Cyclohexane	7.95	56	2209	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8695	5.030	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11561	6.985	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	36733	58.709	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36733	147.394	ug/l #	10

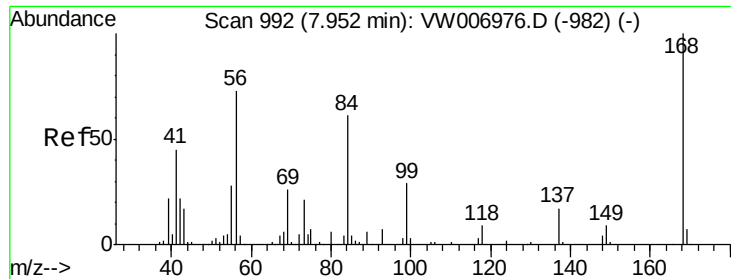
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112118\
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

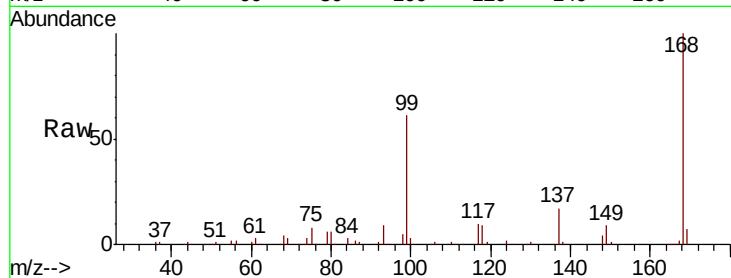
ClientSampled :

Tot Ion:168 Resp: 113353

Ion Ratio Lower Upper

168 100

99 61.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

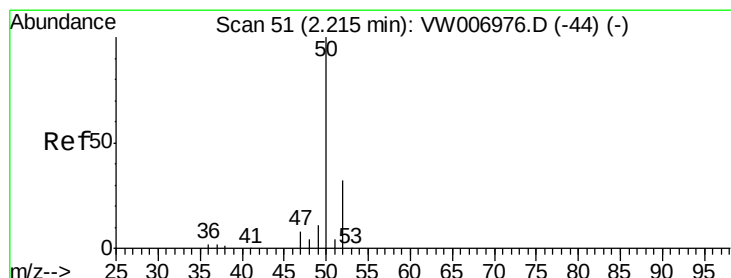
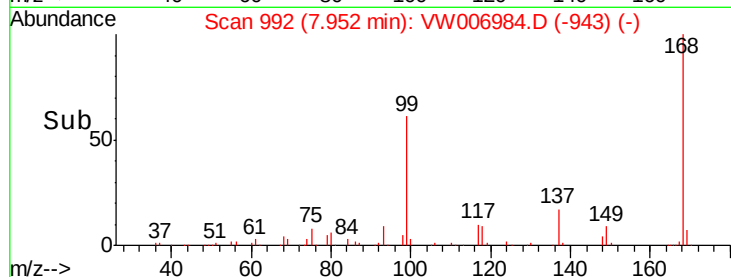
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 2.034 ug/l

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW006984.D

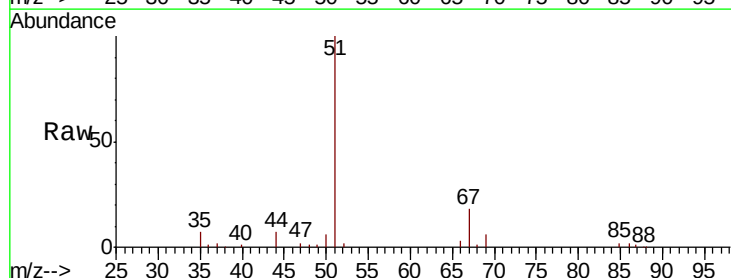
Acq: 20 Nov 2018 19:41

Tgt Ion: 50 Resp: 1897

Ion Ratio Lower Upper

50 100

52 28.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.02

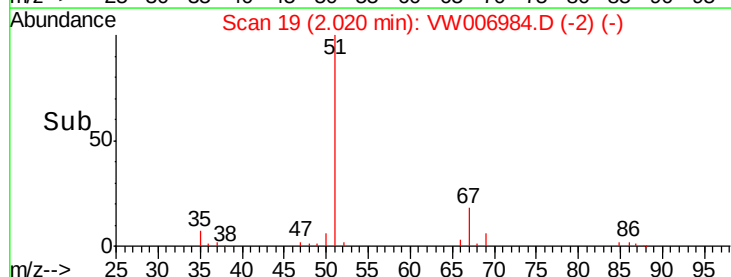
1500

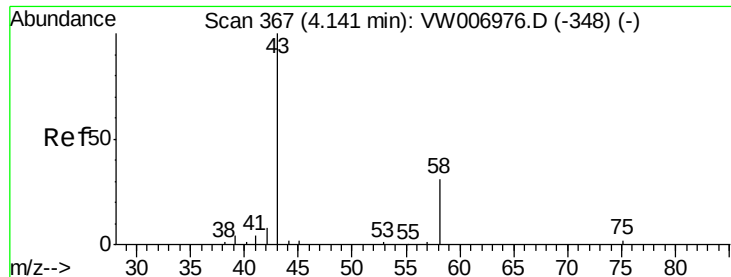
1000

500

0

Time-->





#16

Acetone

Concen: 10.352 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

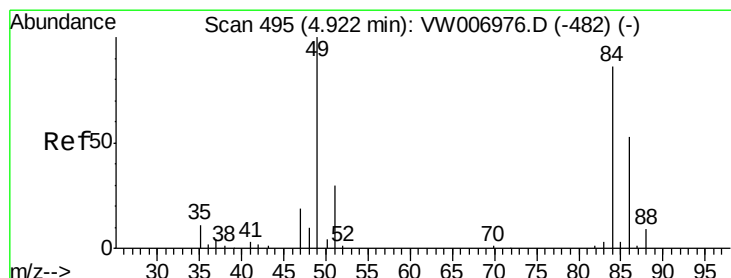
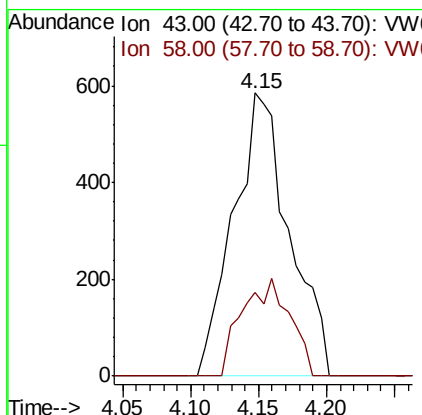
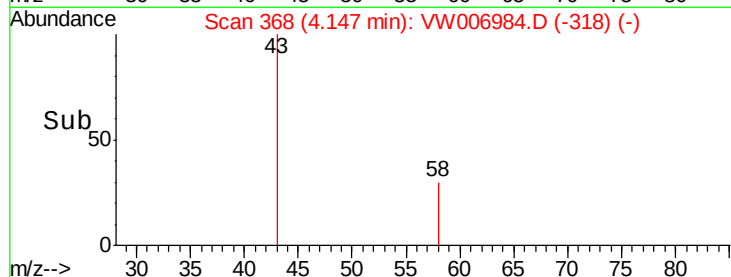
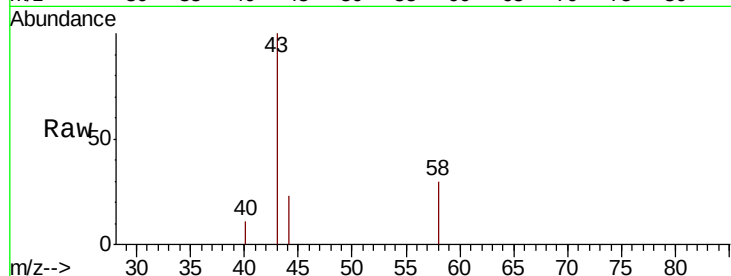
ClientSampleId :

Tot Ion: 43 Resp: 1668

Ion Ratio Lower Upper

43 100

58 29.6 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Tgt Ion: 84 Resp: 4779

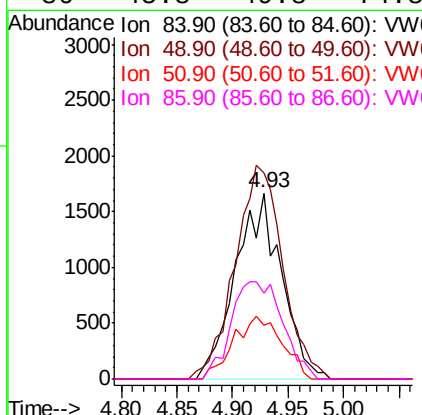
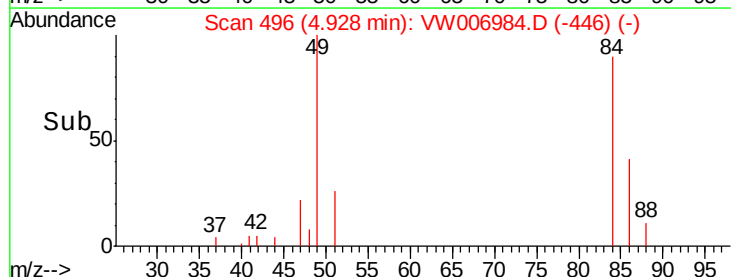
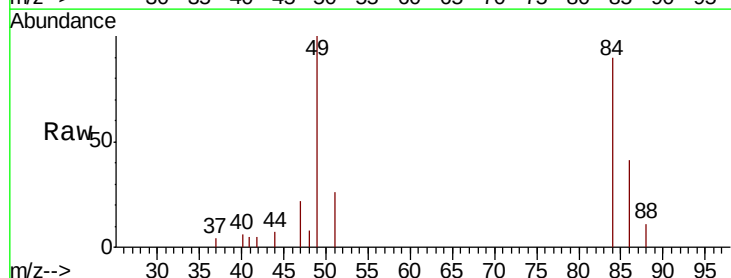
Ion Ratio Lower Upper

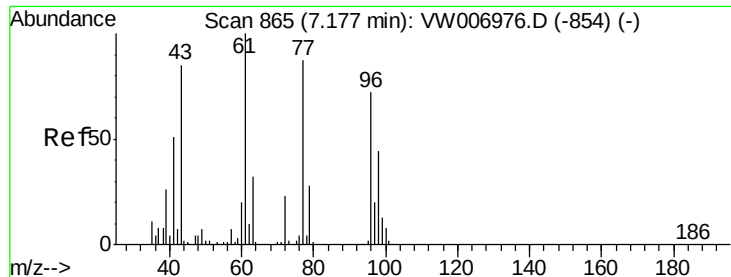
84 100

49 110.6 93.4 140.0

51 28.8 28.4 42.6

86 45.8 49.8 74.8#

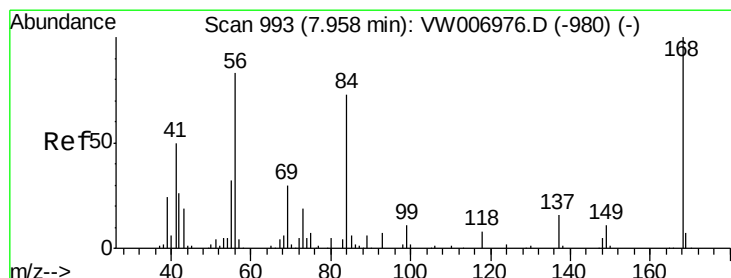
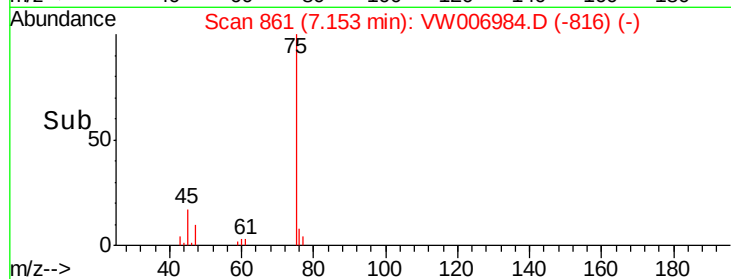
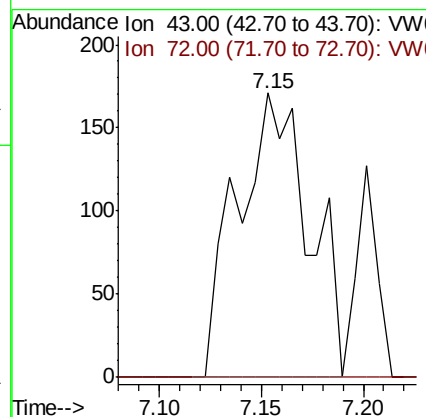
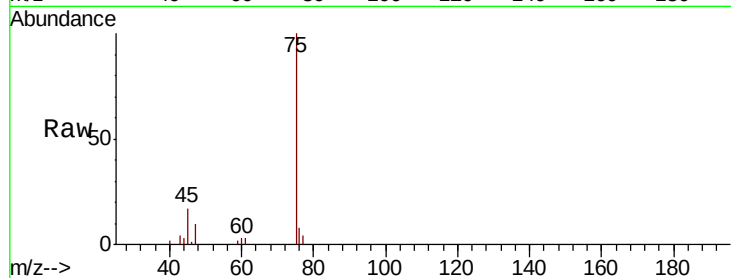




#25
2-Butanone
Concen: 1.511 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

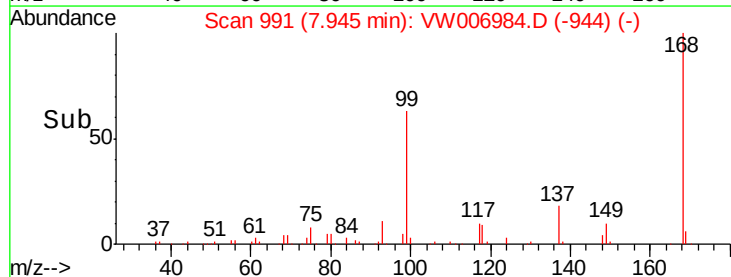
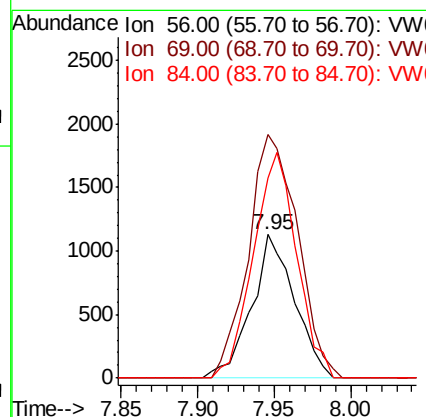
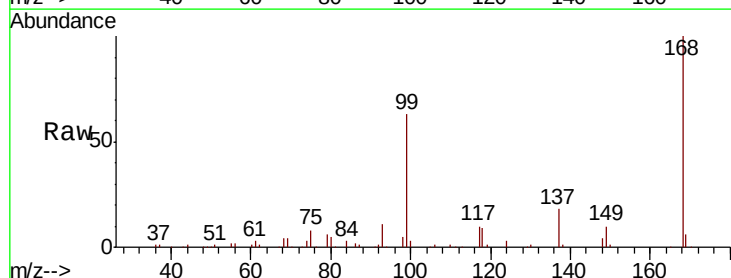
Instrument :
MSVOA_W
ClientSampleId :

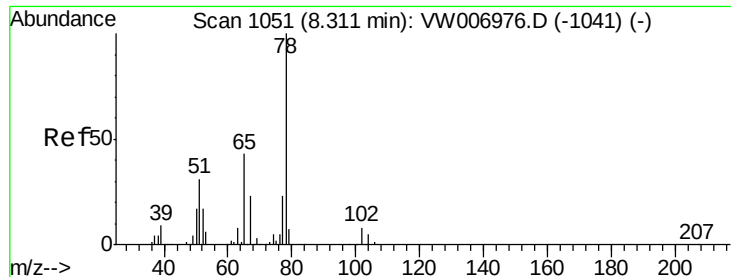
Tot Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

Tgt Ion: 56 Resp: 2209
Ion Ratio Lower Upper
56 100
69 170.1 29.1 43.7#
84 139.8 70.6 105.8#

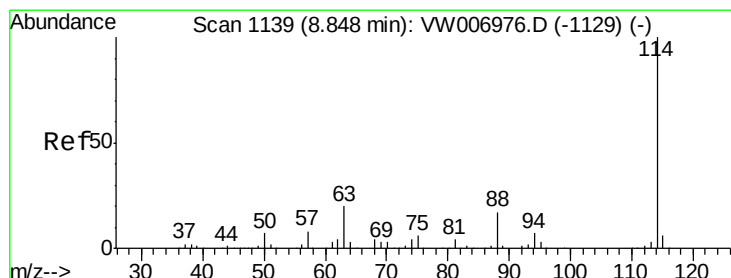
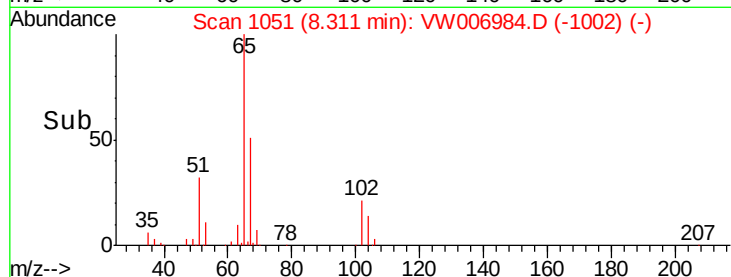
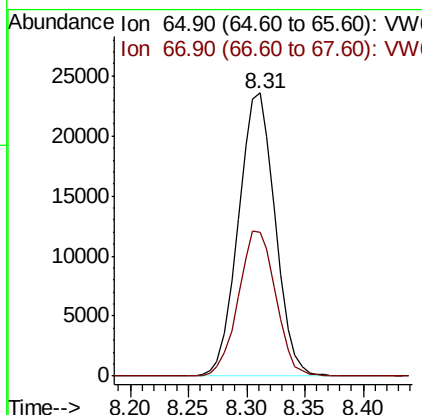
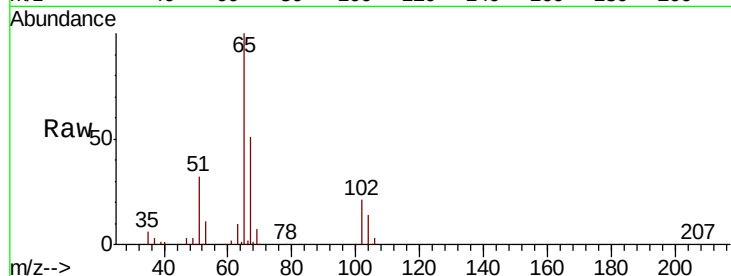




#33
 1,2-Dichloroethane-d4
 Concen: 46.699 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

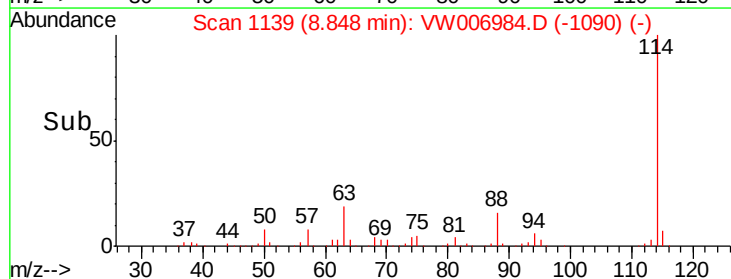
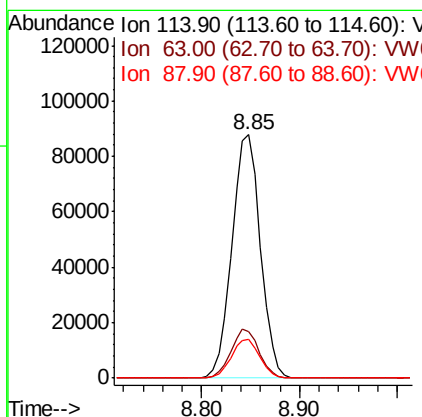
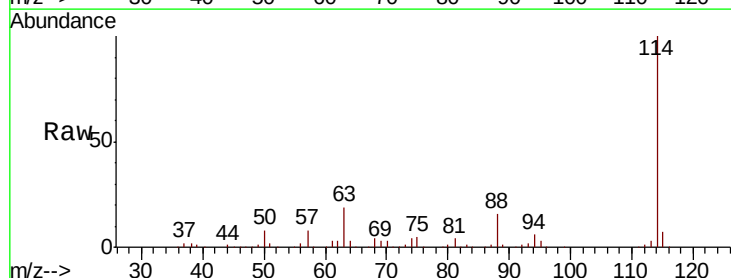
Instrument :
 MSVOA_W
 ClientSampleId :

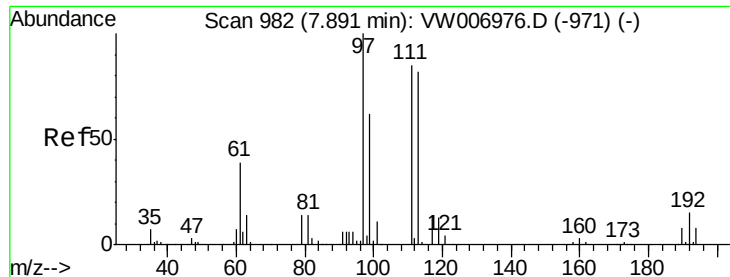
Tot Ion: 65 Resp: 51824
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

Tgt Ion: 114 Resp: 176879
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 15.9 0.0 34.2

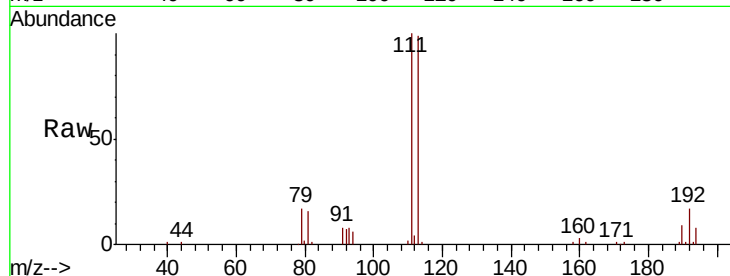




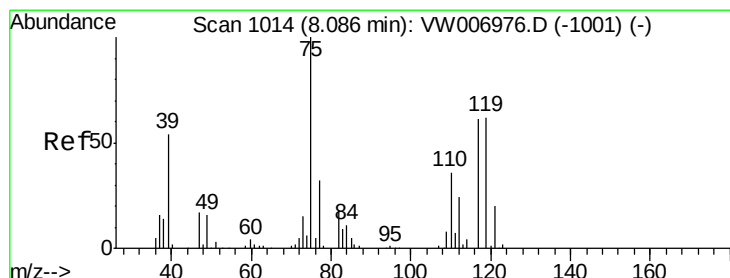
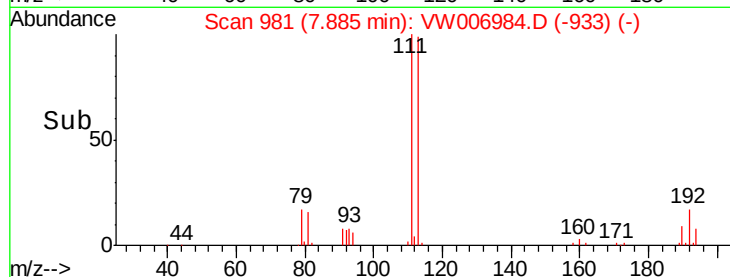
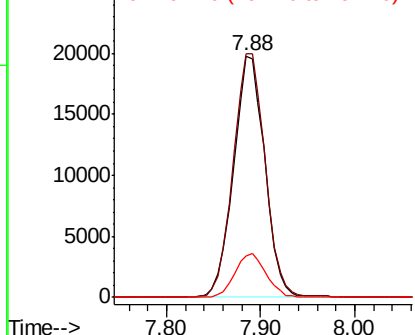
#35
 Dibromofluoromethane
 Concen: 45.834 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 45783
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 17.9 15.0 22.6

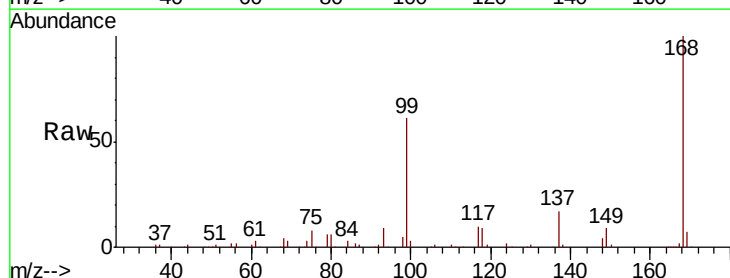


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

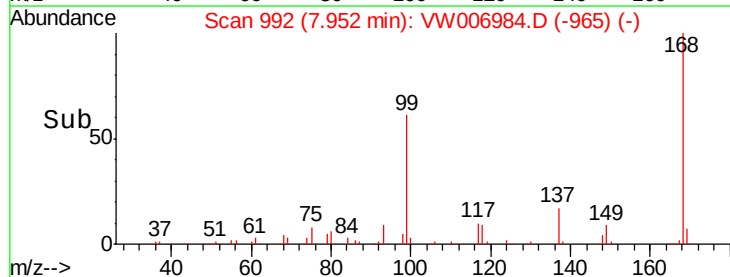
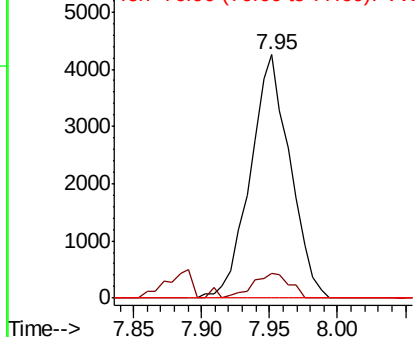


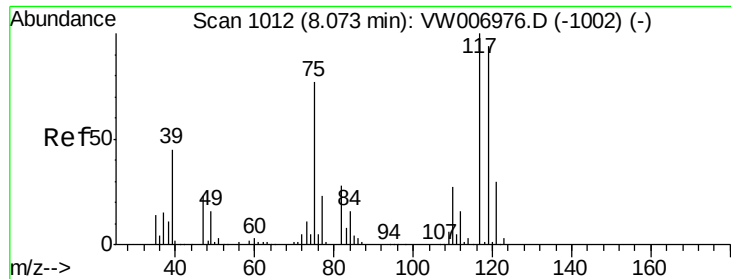
#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

Tgt Ion: 75 Resp: 8695
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.0 54.0#
 77 0.0 24.9 37.3#



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

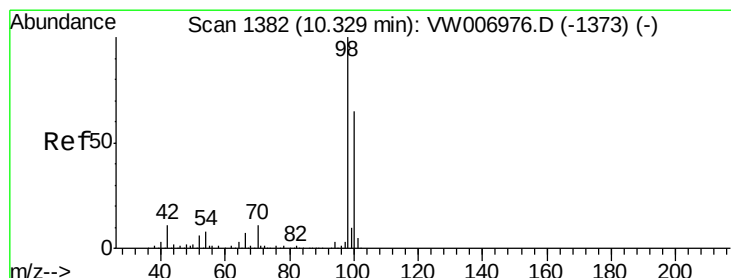
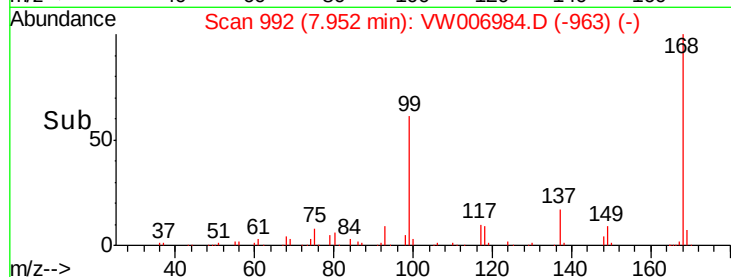
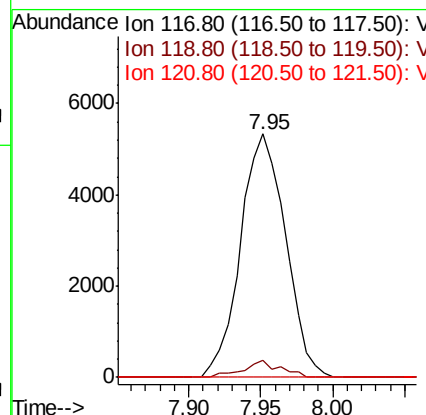
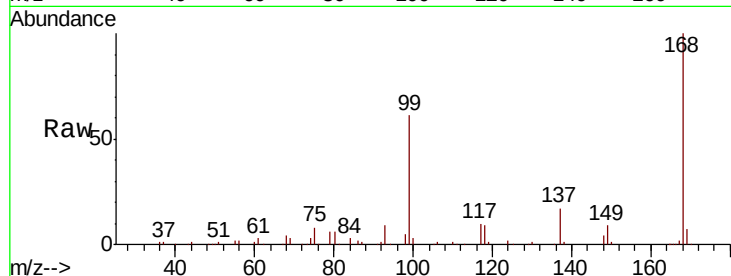




#38
 Carbon Tetrachloride
 Concen: 6.985 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

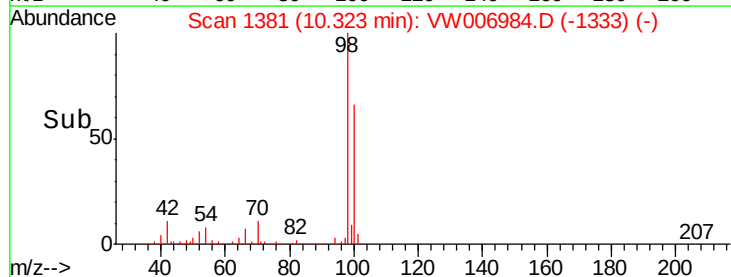
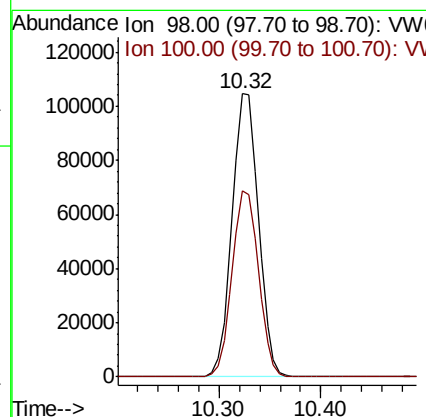
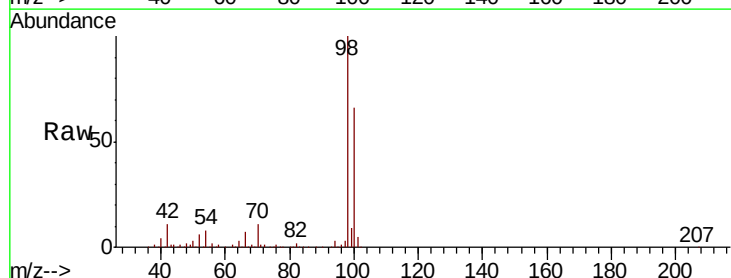
Instrument :
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 ClientSampleId :

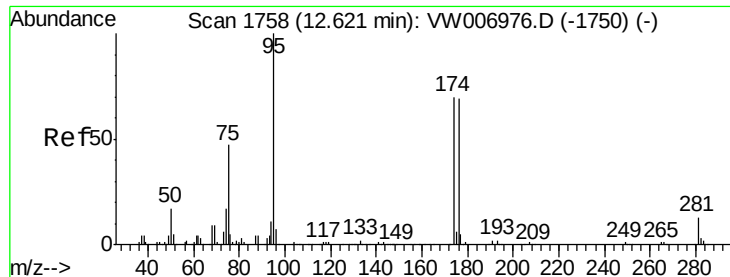
Tot Ion:117 Resp: 11561
 Ion Ratio Lower Upper
 117 100
 119 6.9 74.9 112.3#
 121 0.0 23.6 35.4#



#50
 Toluene-d8
 Concen: 42.438 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW006984.D
 Acq: 20 Nov 2018 19:41

Tgt Ion: 98 Resp: 187189
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.2 78.2

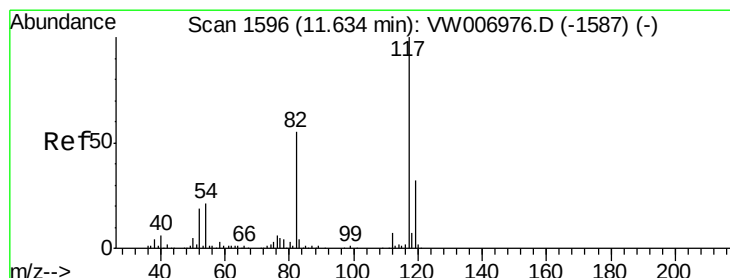
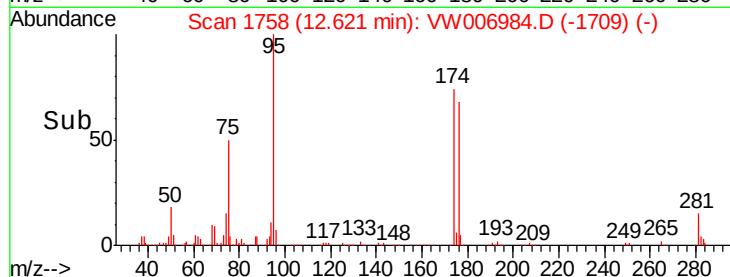
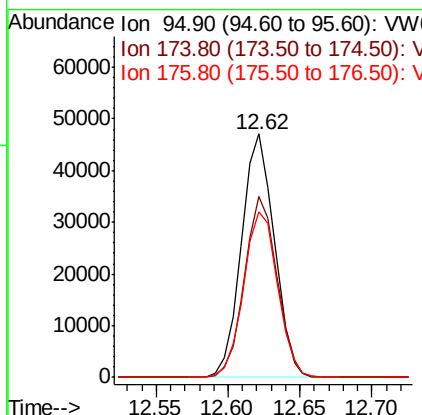
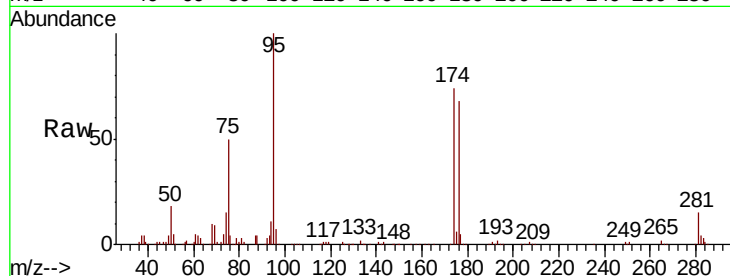




#62
4-Bromofluorobenzene
Concen: 42.821 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

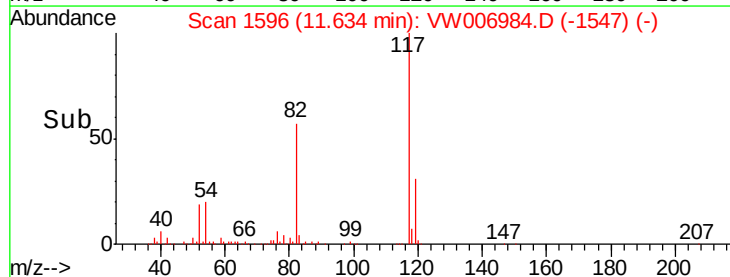
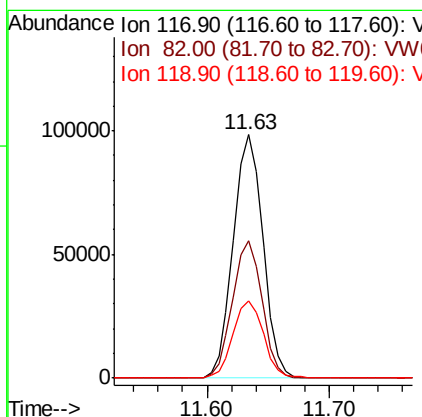
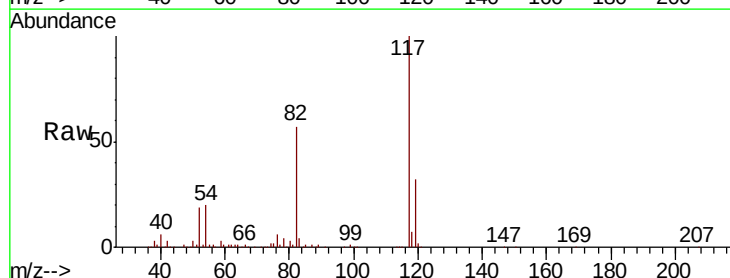
Instrument :
MSVOA_W
ClientSampleId :

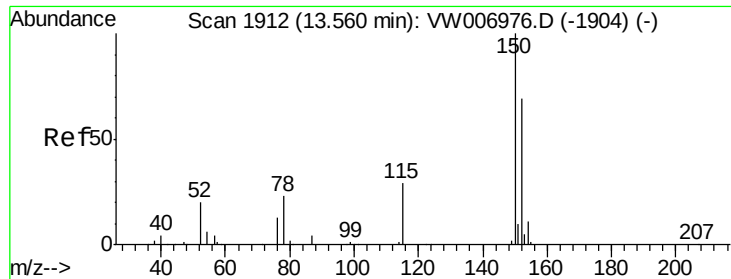
Tot Ion	95	Resp	74327
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	143.6
176	70.2	0.0	140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006984.D
Acq: 20 Nov 2018 19:41

Tgt Ion	117	Resp	165683
Ion Ratio	Lower	Upper	
117	100		
82	56.7	44.2	66.2
119	31.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

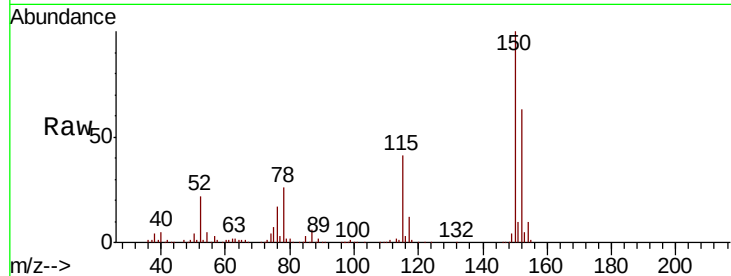
Tot Ion:152 Resp: 79624

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

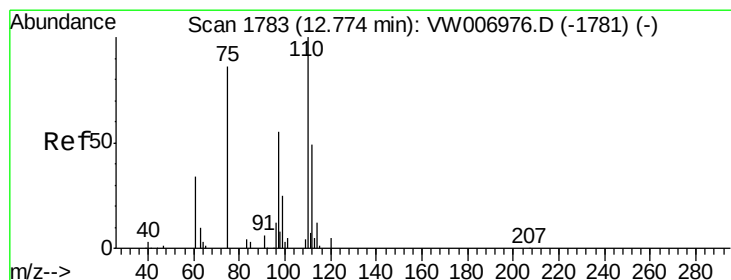
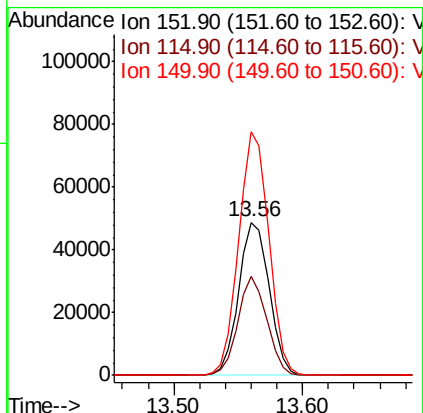
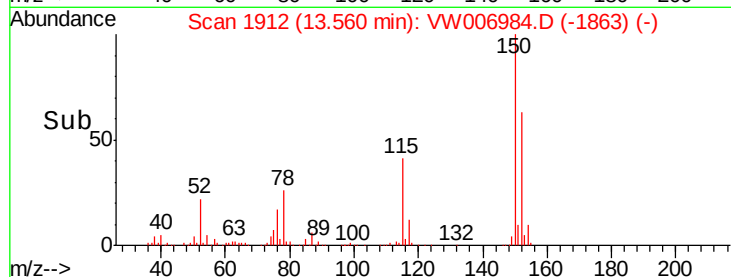
150 157.6 0.0 353.4



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: 58.709 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006984.D

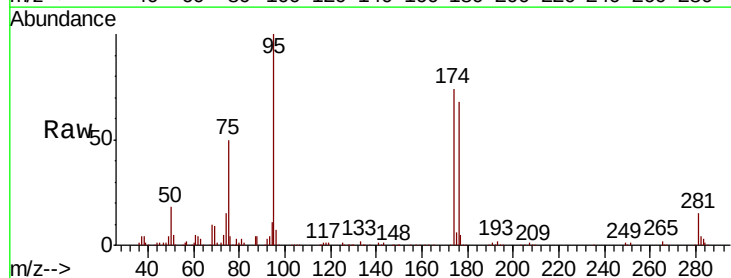
Acq: 20 Nov 2018 19:41

Tgt Ion: 75 Resp: 36733

Ion Ratio Lower Upper

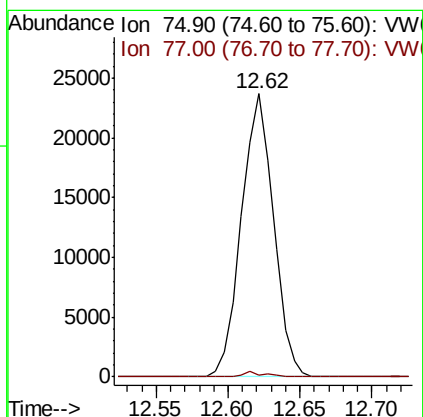
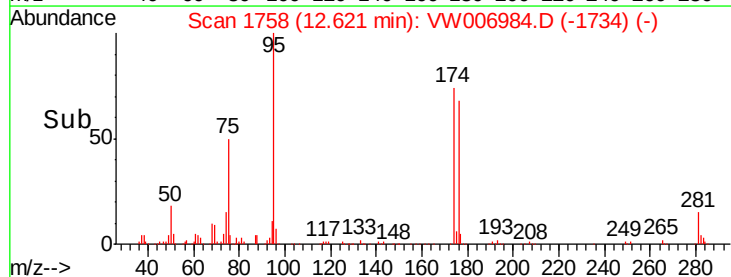
75 100

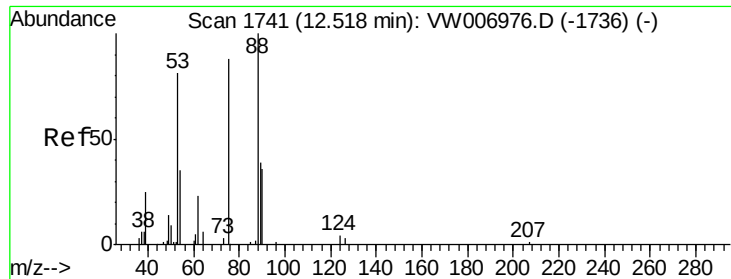
77 1.1 0.0 0.0#



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: 147.394 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006984.D

Acq: 20 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

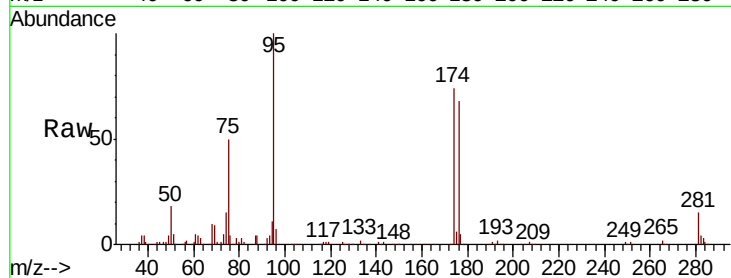
Tot Ion: 75 Resp: 36733

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



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

