

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
 Data File : VW008270.D
 Acq On : 15 Jan 2019 03:37
 Operator : SY/VA
 Sample : K1139-13RE
 Misc : 3.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-7

Quant Time: Jan 15 11:01:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	111935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	74722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12559	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	41515	59.12	ug/l	0.00
Spiked Amount			Recovery	=	118.24%	
35) Dibromofluoromethane	7.88	113	40677	62.31	ug/l	0.00
Spiked Amount			Recovery	=	124.62%	
50) Toluene-d8	10.32	98	136571	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	20536	20.91	ug/l	0.00
Spiked Amount			Recovery	=	41.82%	

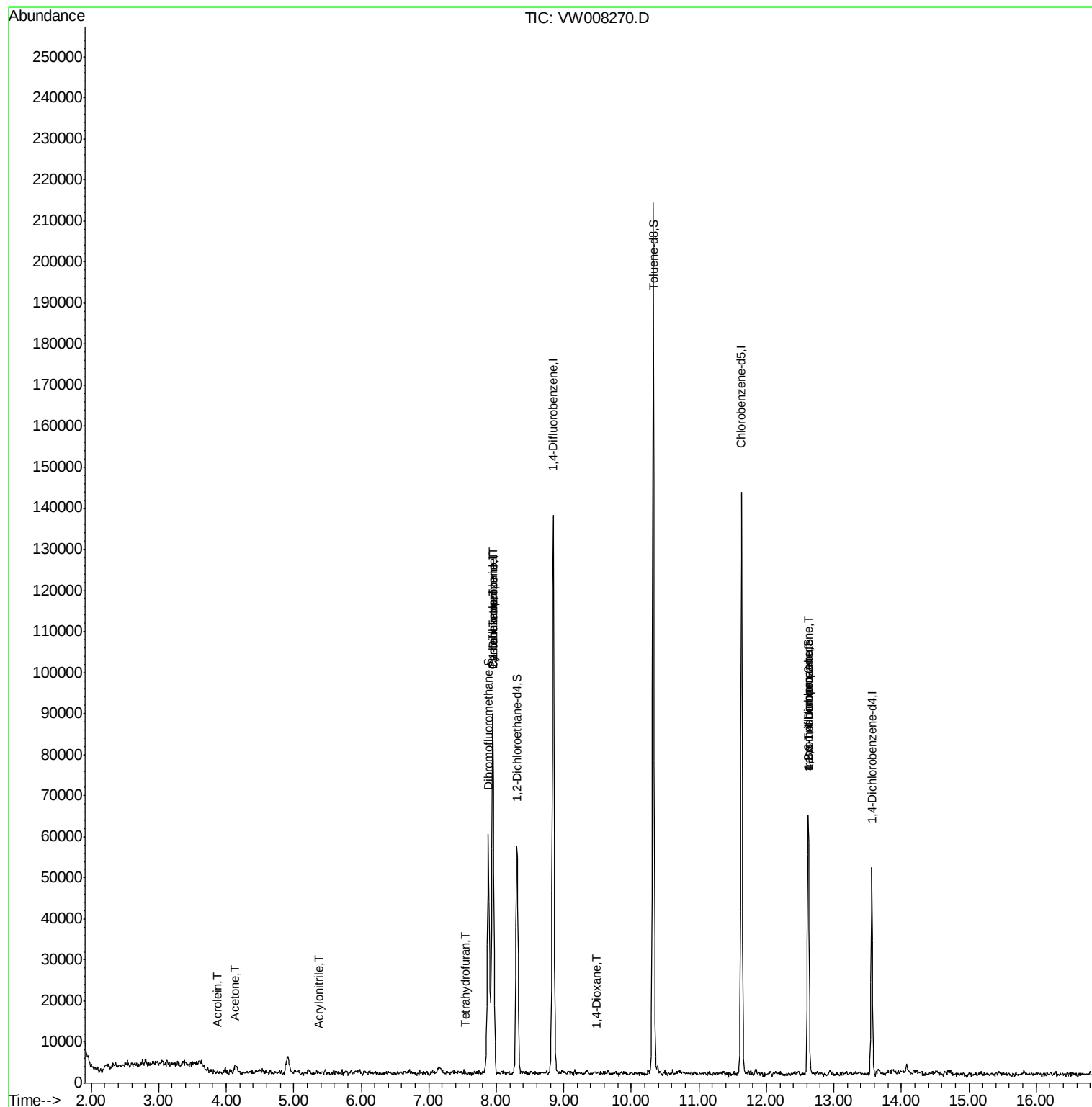
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	42	Below Cal	#	100
13) Acrolein	3.88	56	117	1.012	ug/l #	14
15) Acrylonitrile	5.38	53	199	1.317	ug/l #	56
16) Acetone	4.13	43	3136	4.038	ug/l	91
20) Methylene Chloride	4.91	84	3061	Below Cal	#	80
29) Tetrahydrofuran	7.54	42	437	3.349	ug/l #	43
31) Cyclohexane	7.95	56	1876	1.270	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	5720	4.961	ug/l #	51
38) Carbon Tetrachloride	7.95	117	6552	6.208	ug/l #	17
49) 1,4-Dioxane	9.49	88	19	3.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	10392	90.769	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10392	211.372	ug/l #	12

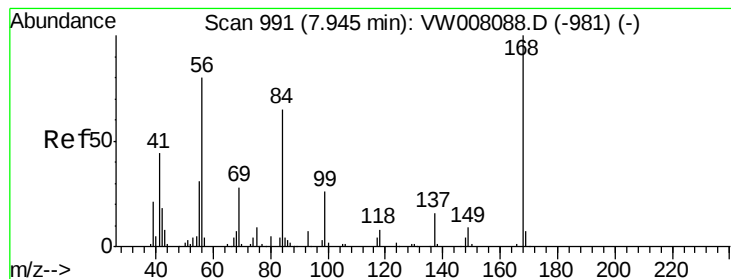
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

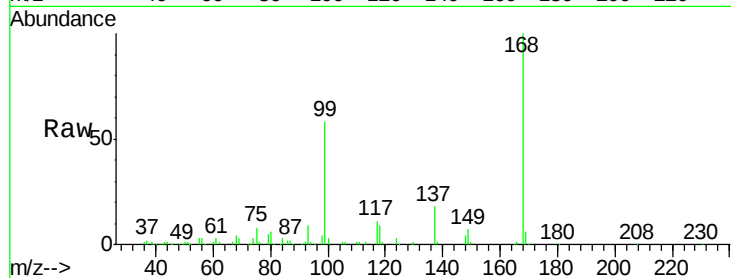
Instrument :
MSVOA_W
ClientSampled :
S-7

Tgt Ion:168 Resp: 62476

Ion Ratio Lower Upper

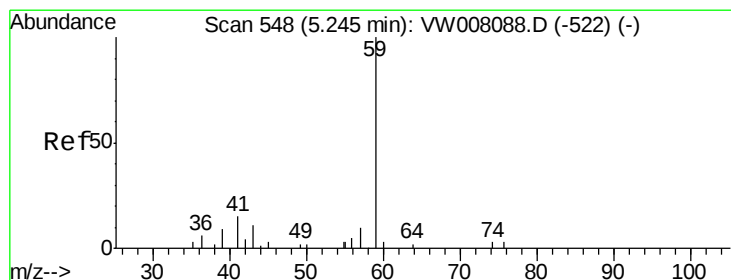
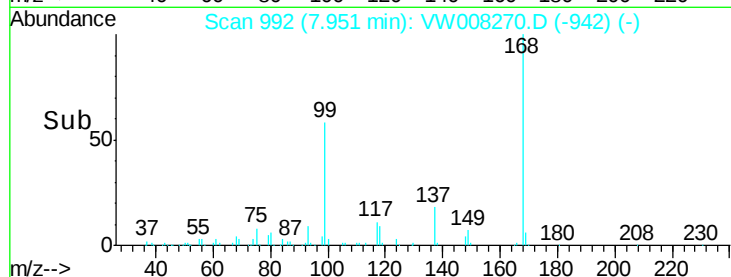
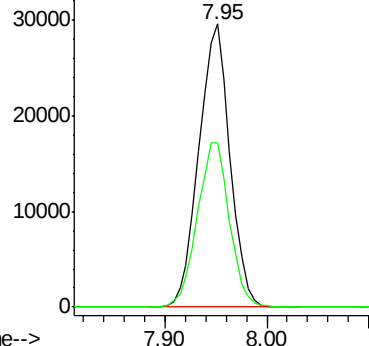
168 100

99 58.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008270.D

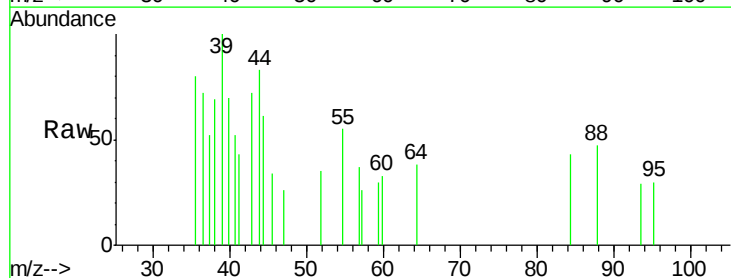
Acq: 15 Jan 2019 03:37

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

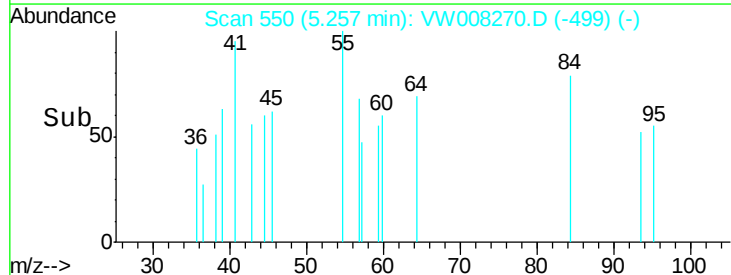
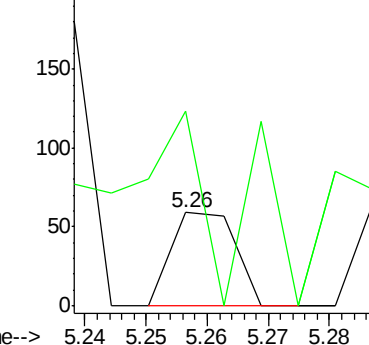
59 100

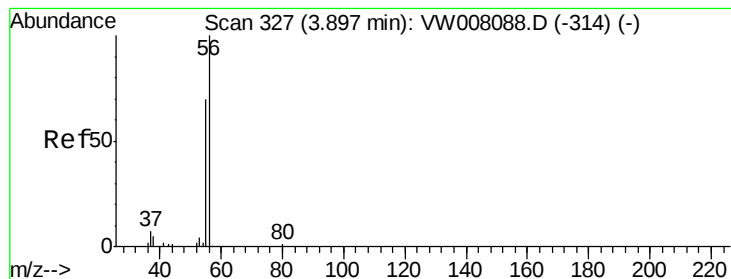
57 176.2 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.012 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.02 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

Instrument :

MSVOA_W

ClientSampled :

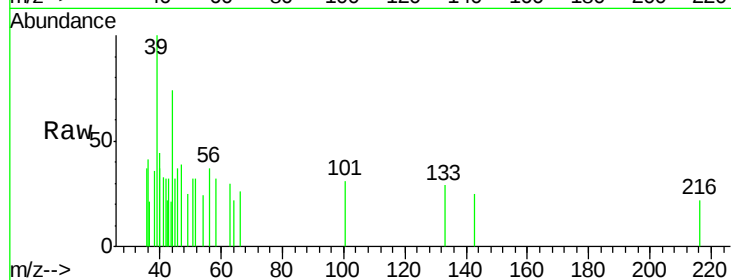
S-7

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

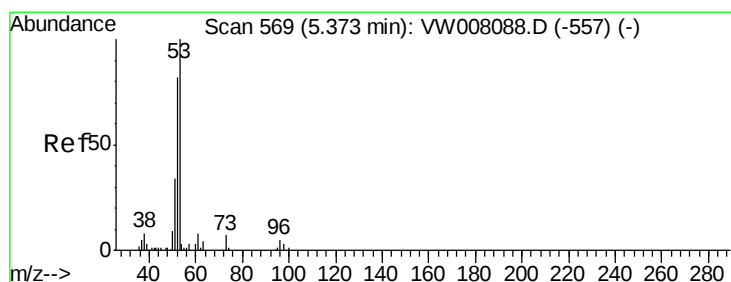
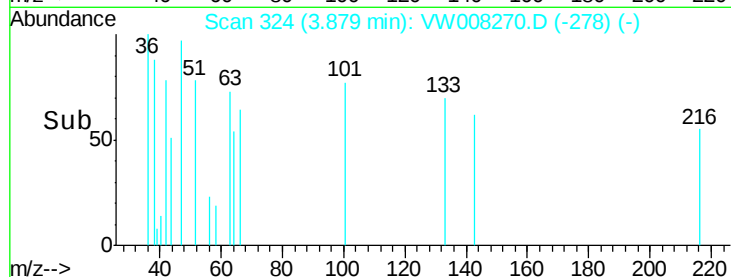
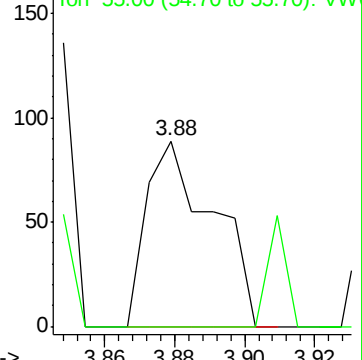
56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#15

Acrylonitrile

Concen: 1.317 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

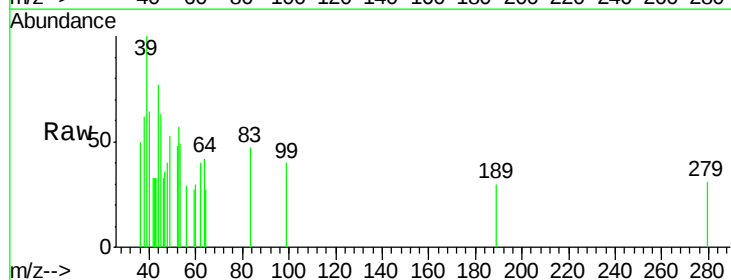
Tgt Ion: 53 Resp: 199

Ion Ratio Lower Upper

53 100

52 50.8 66.8 100.2#

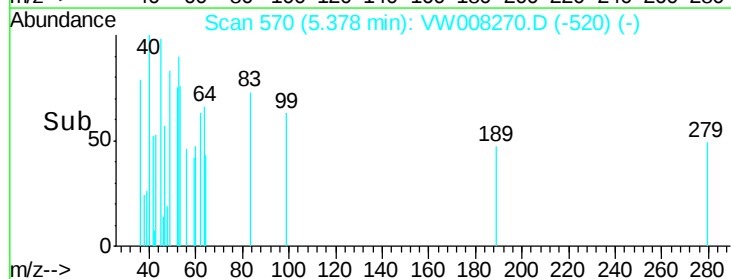
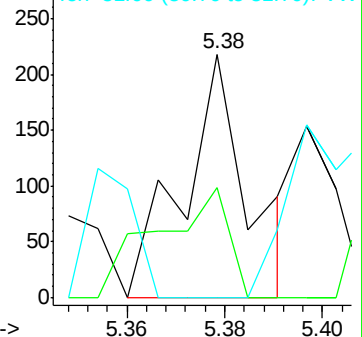
51 0.0 29.7 44.5#

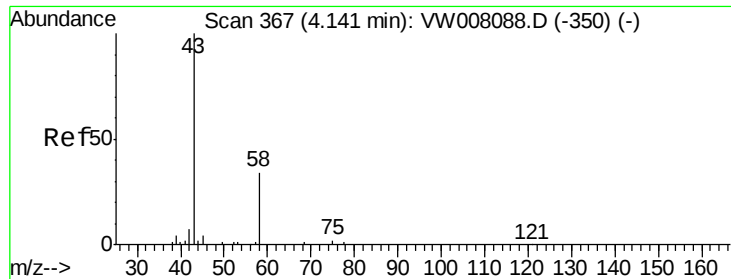


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 4.038 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

Instrument :

MSVOA_W

ClientSampled :

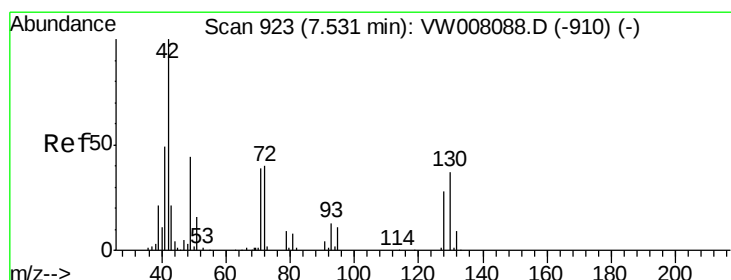
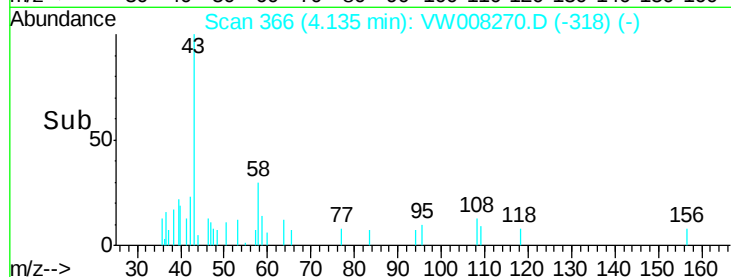
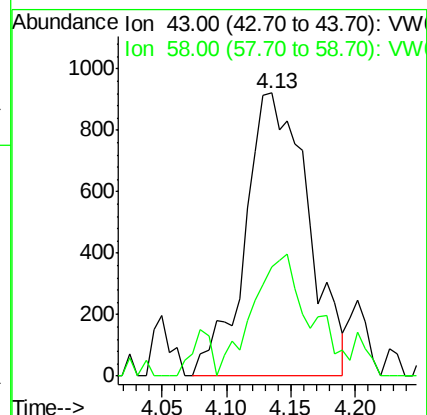
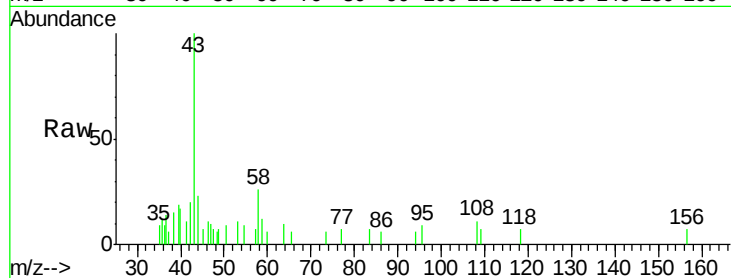
S-7

Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

58 29.5 27.5 41.3



#29

Tetrahydrofuran

Concen: 3.349 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

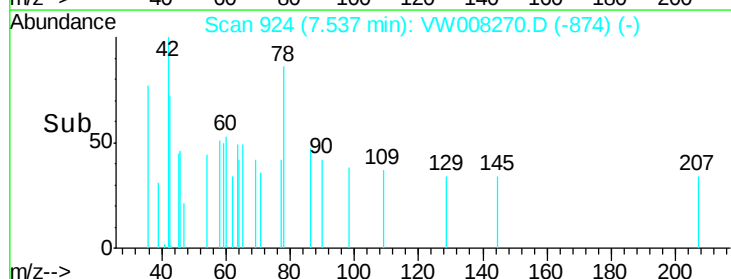
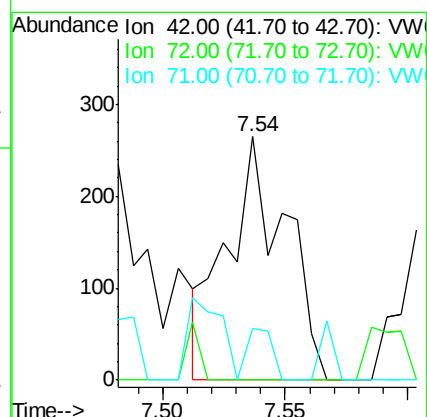
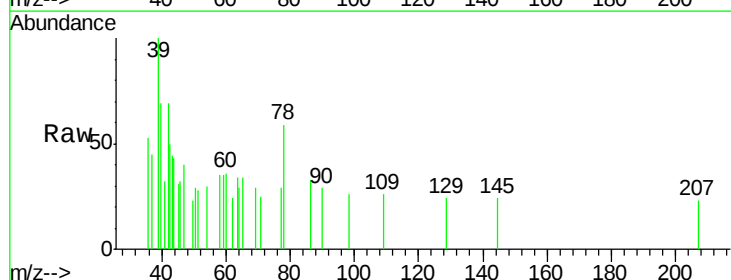
Tgt Ion: 42 Resp: 437

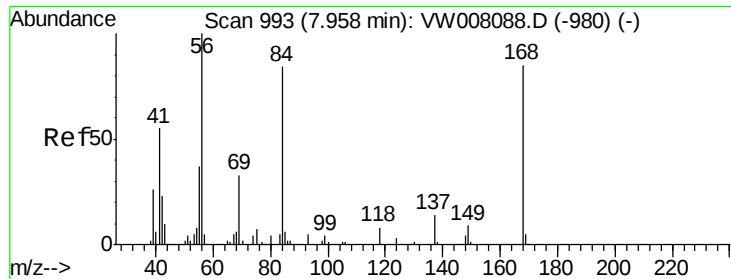
Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

71 9.2 31.3 46.9#

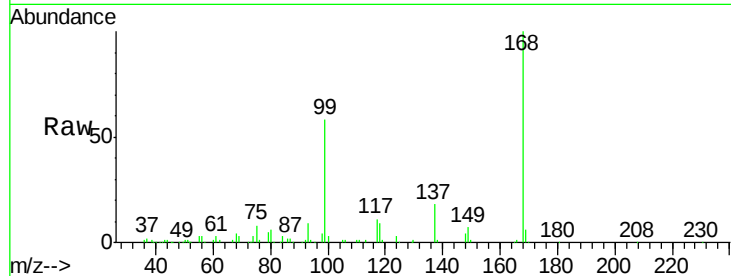




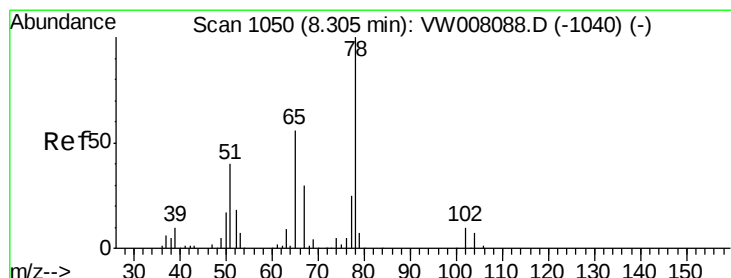
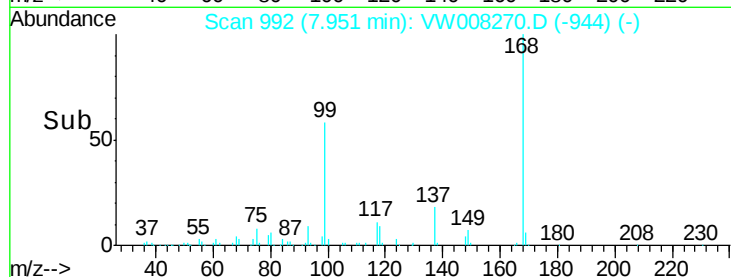
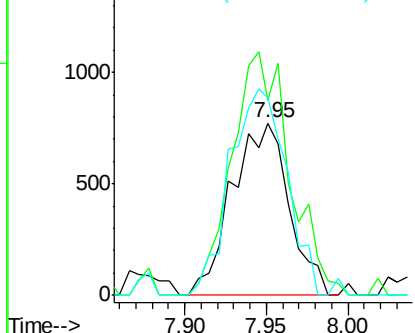
#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

Instrument :
MSVOA_W
ClientSampled :
S-7

Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 113.3 26.2 39.4#
84 114.3 67.4 101.2#

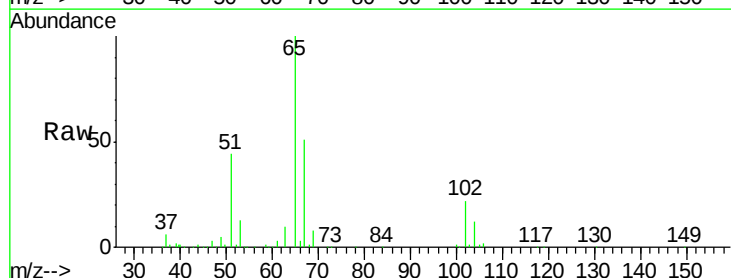


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

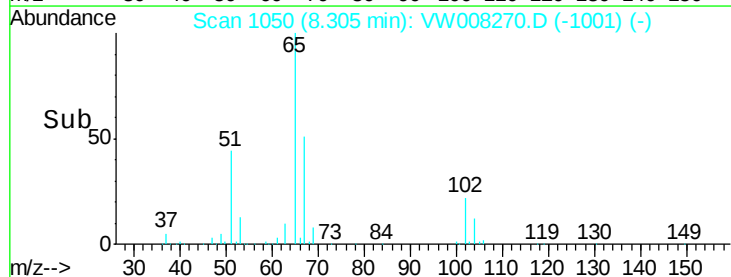
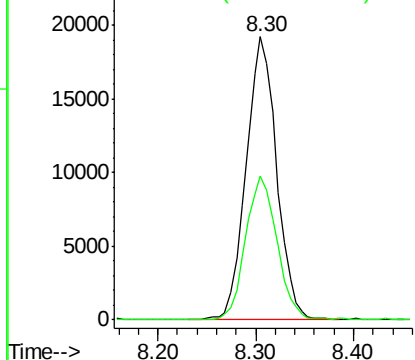


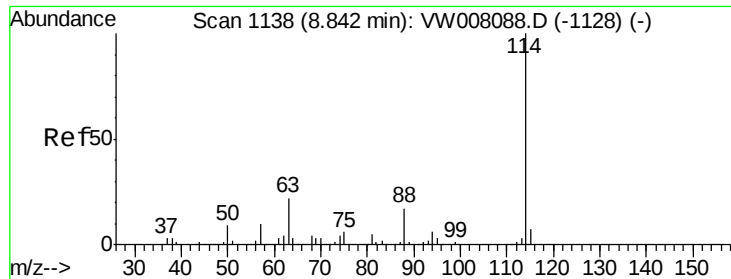
#33
1,2-Dichloroethane-d4
Concen: 59.123 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

Tgt Ion: 65 Resp: 41515
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8



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. 0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

Instrument :

MSVOA_W

ClientSampleId :

S-7

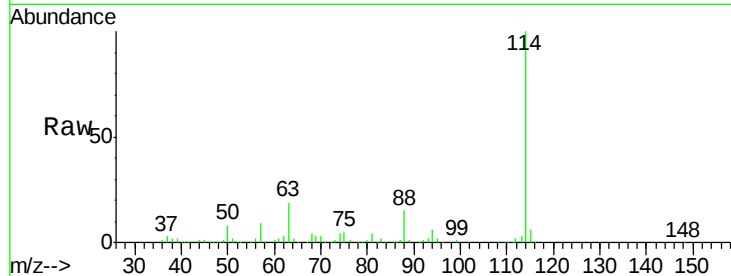
Tgt Ion:114 Resp: 111935

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.4

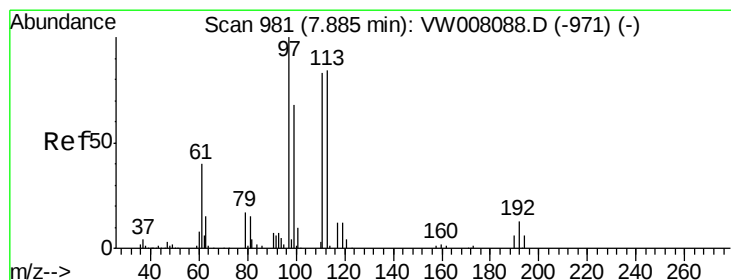
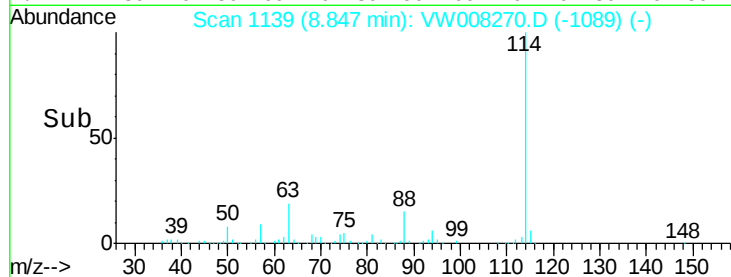
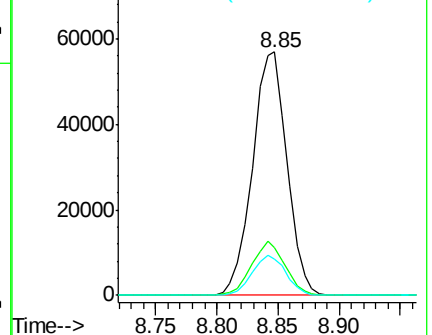
88 14.9 0.0 33.4



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: 62.307 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

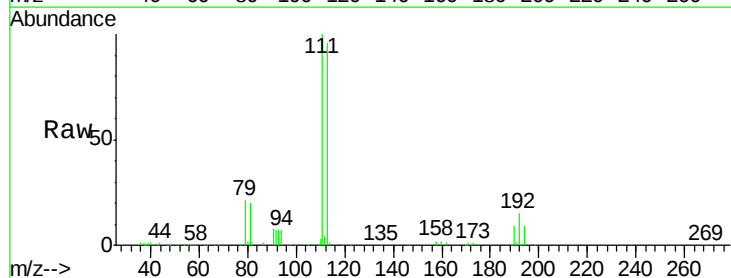
Tgt Ion:113 Resp: 40677

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

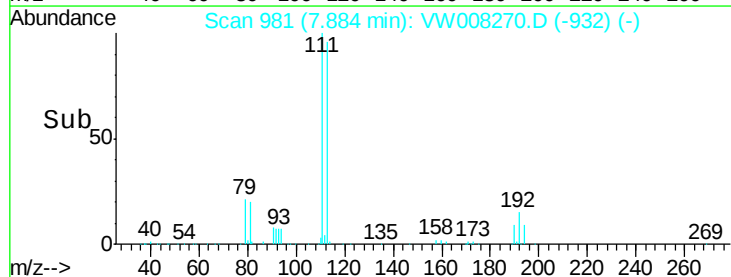
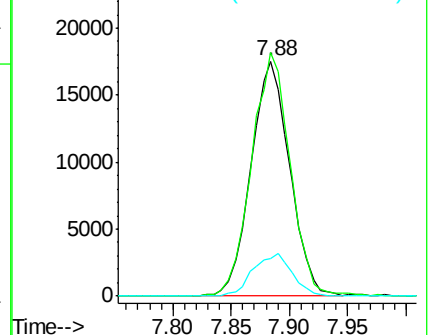
192 18.1 12.8 19.2

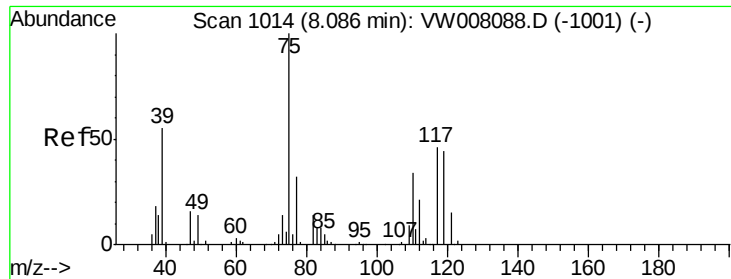


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

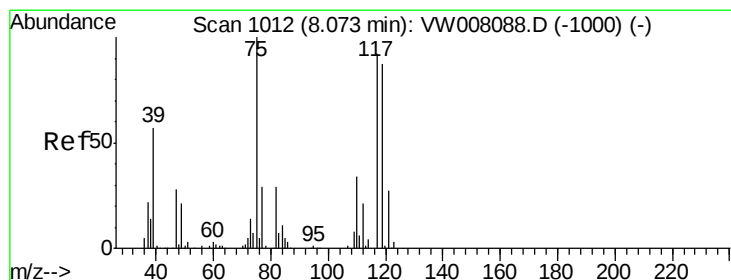
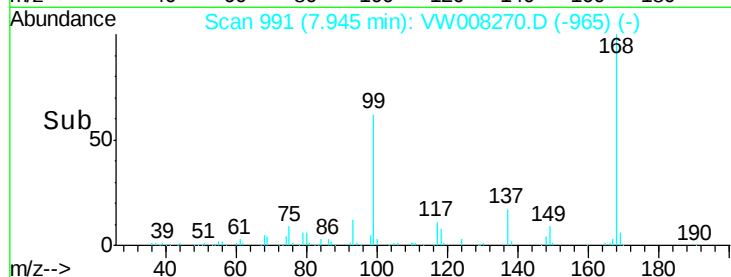
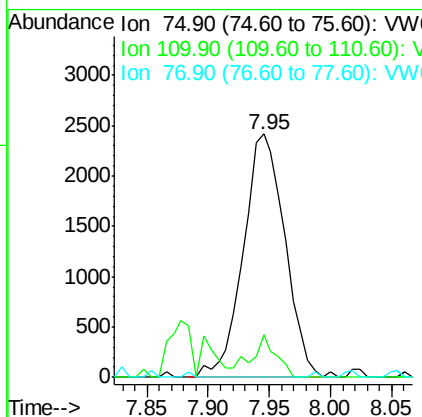
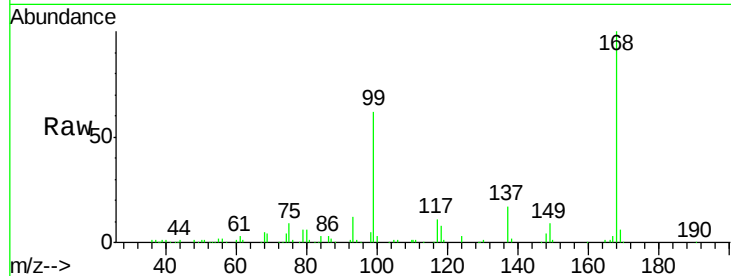




#36
 1,1-Dichloropropene
 Concen: 4.961 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008270.D
 Acq: 15 Jan 2019 03:37

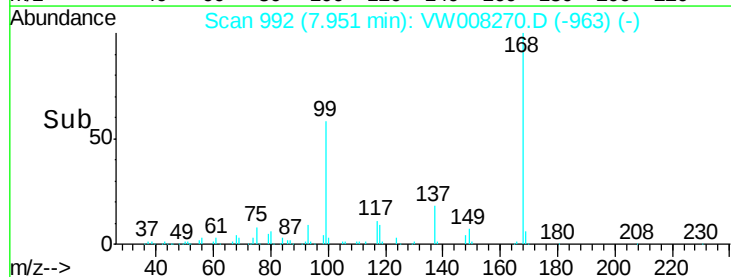
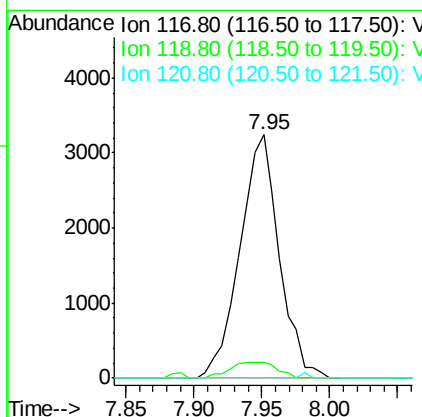
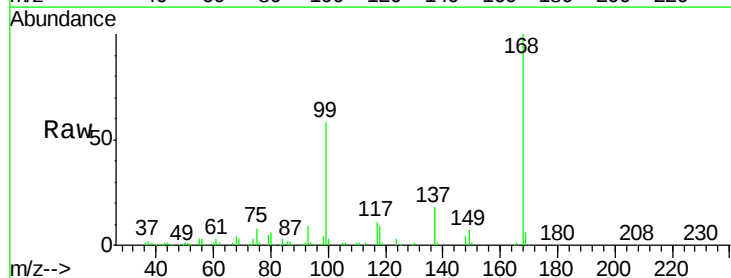
Instrument :
 MSVOA_W
 ClientSampleId :
 S-7

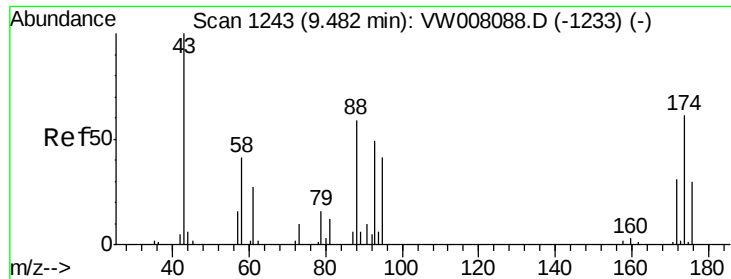
Tgt Ion: 75 Resp: 5720
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.208 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008270.D
 Acq: 15 Jan 2019 03:37

Tgt Ion: 117 Resp: 6552
 Ion Ratio Lower Upper
 117 100
 119 6.4 75.8 113.8#
 121 0.0 23.7 35.5#





#49

1,4-Dioxane

Concen: 3.102 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW008270.D

Acq: 15 Jan 2019 03:37

Instrument :
MSVOA_W
ClientSampled :
S-7

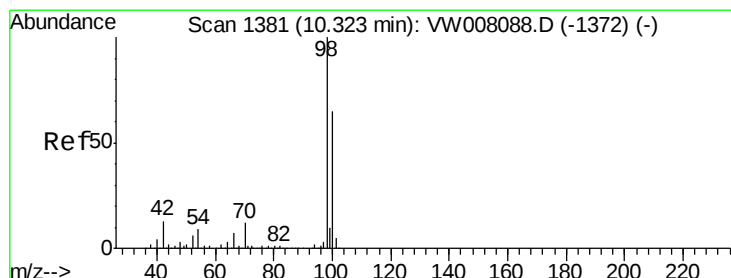
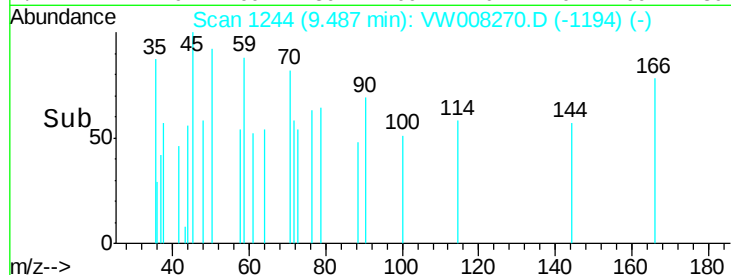
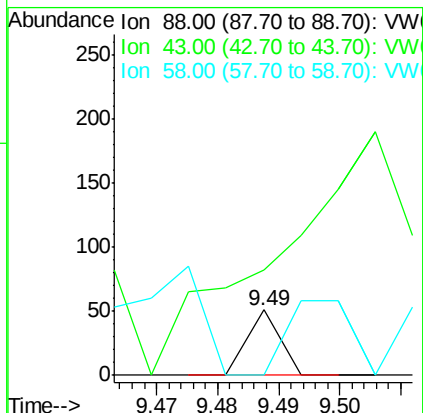
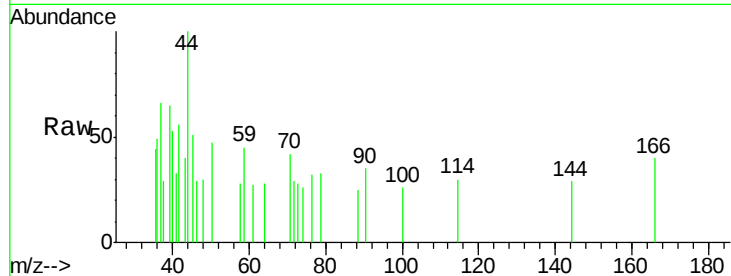
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 1594.7 0.0 0.0#

58 326.3 61.7 92.5#



#50

Toluene-d8

Concen: 49.851 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008270.D

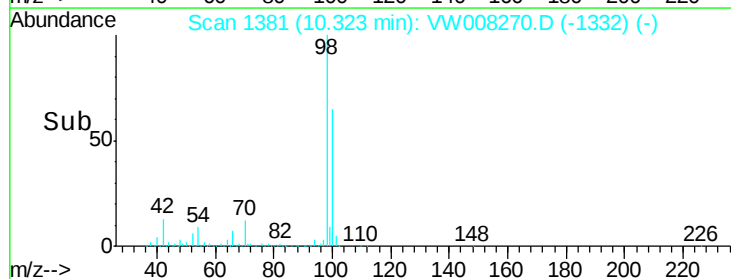
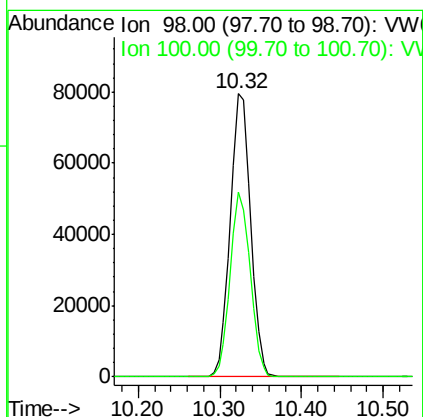
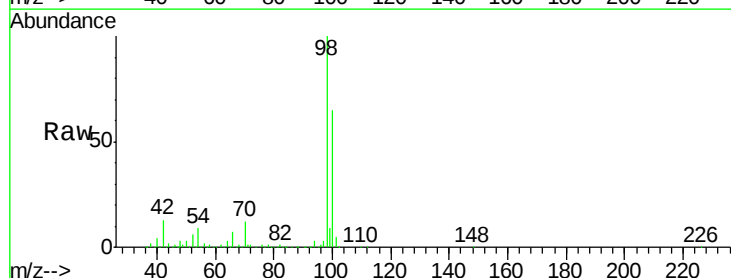
Acq: 15 Jan 2019 03:37

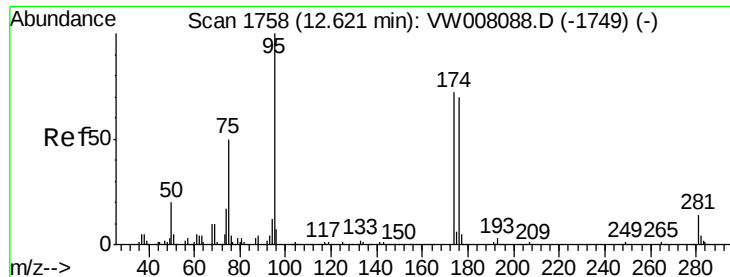
Tgt Ion: 98 Resp: 136571

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5

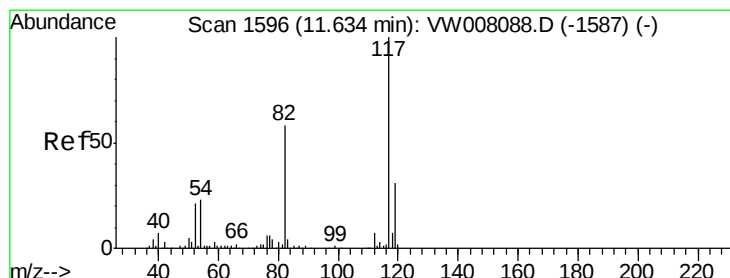
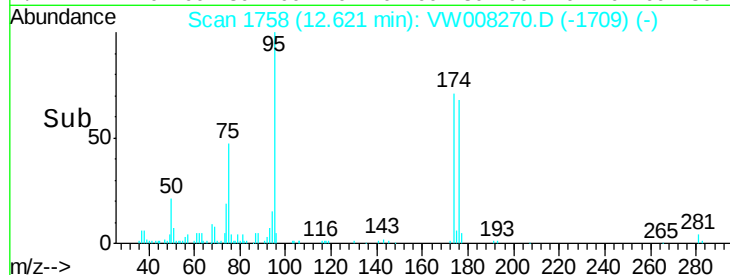
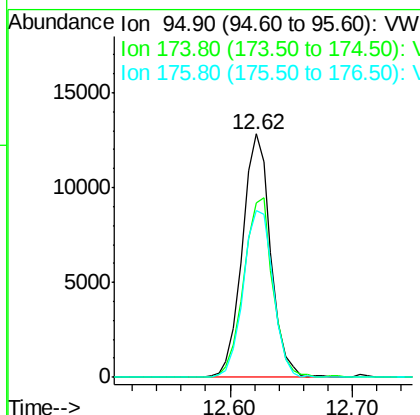
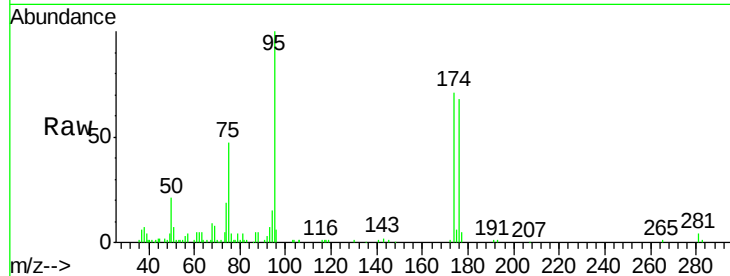




#62
4-Bromofluorobenzene
Concen: 20.909 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

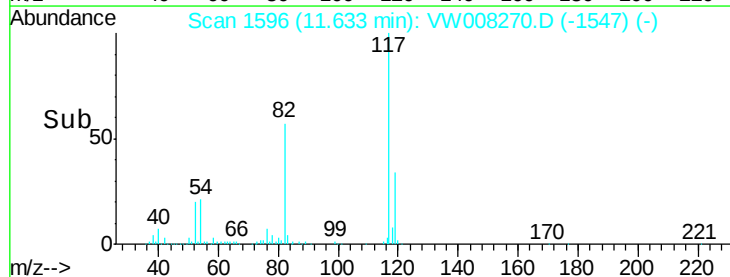
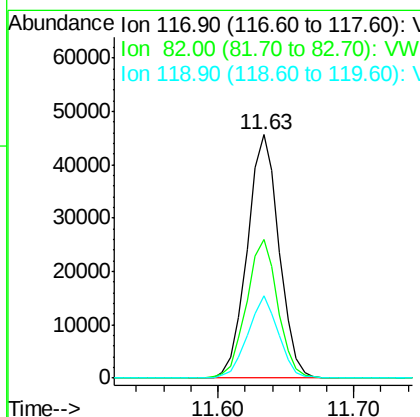
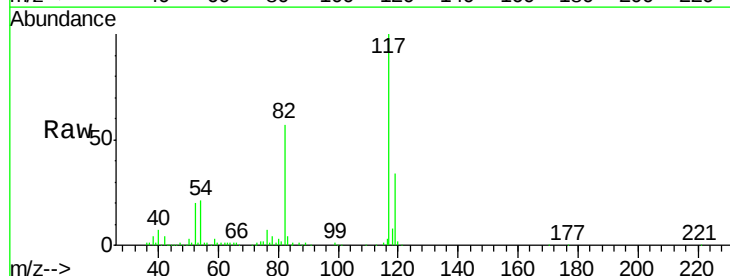
Instrument :
MSVOA_W
ClientSampleId :
S-7

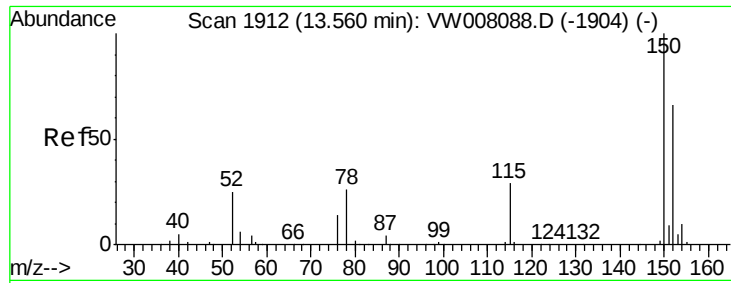
Tgt Ion: 95 Resp: 20536
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.0
176 72.4 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

Tgt Ion: 117 Resp: 74722
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 33.8 24.7 37.1



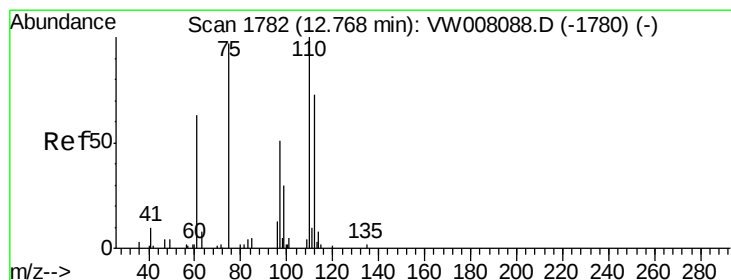
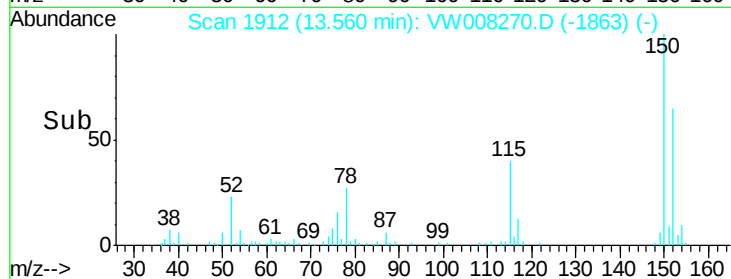
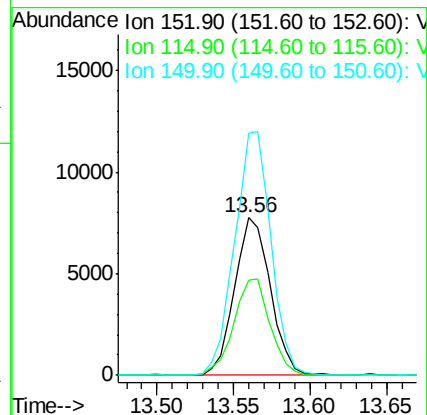
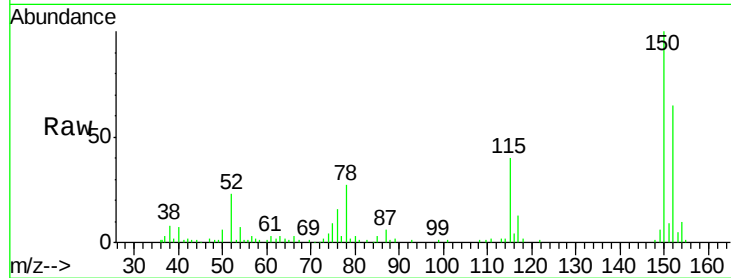


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

Instrument :
MSVOA_W
ClientSampled :
S-7

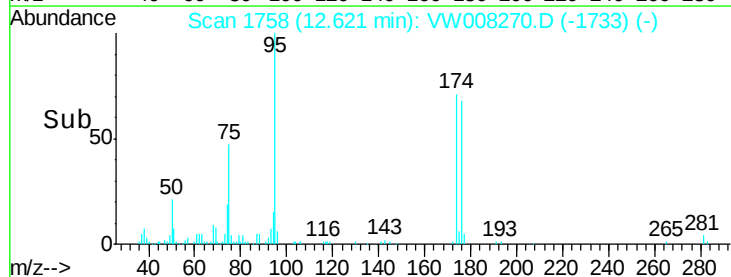
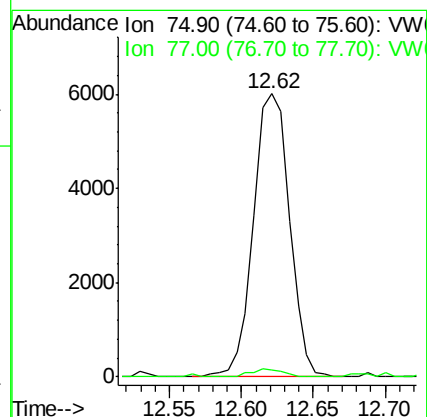
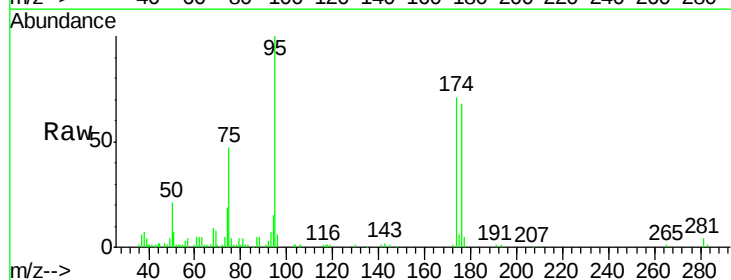
Tgt Ion:152 Resp: 12559
Ion Ratio Lower Upper
152 100
115 62.0 30.8 92.4
150 156.9 0.0 350.2

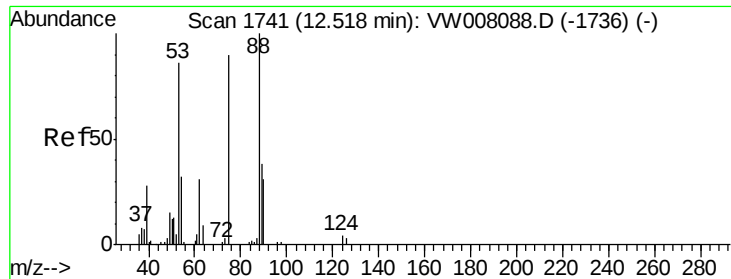


#76

1,2,3-Trichloropropane
Concen: 90.769 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008270.D
Acq: 15 Jan 2019 03:37

Tgt Ion: 75 Resp: 10392
Ion Ratio Lower Upper
75 100
77 2.4 179.4 538.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 211.372 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008270.D

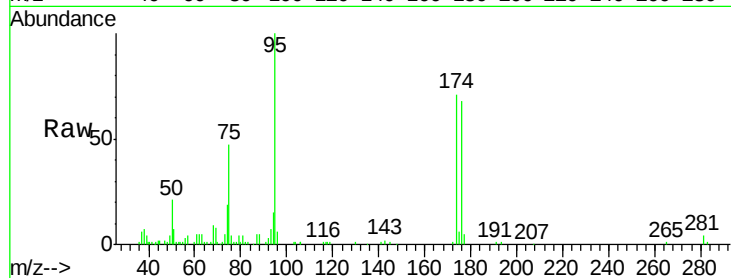
Acq: 15 Jan 2019 03:37

Instrument :

MSVOA_W

ClientSampleId :

S-7



Tgt Ion:	75	Resp:	10392
Ion	Ratio	Lower	Upper
75	100		
53	2.1	78.8	118.2#
89	0.0	35.4	53.2#

