

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008314.D
 Acq On : 16 Jan 2019 17:49
 Operator : SY/VA
 Sample : K1156-05
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-7

Quant Time: Jan 17 05:04:45 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	91546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65621	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	53235	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	7.88	113	52640	54.84	ug/l	0.00
Spiked Amount			Recovery	=	109.68%	
50) Toluene-d8	10.32	98	203694	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	66259	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	

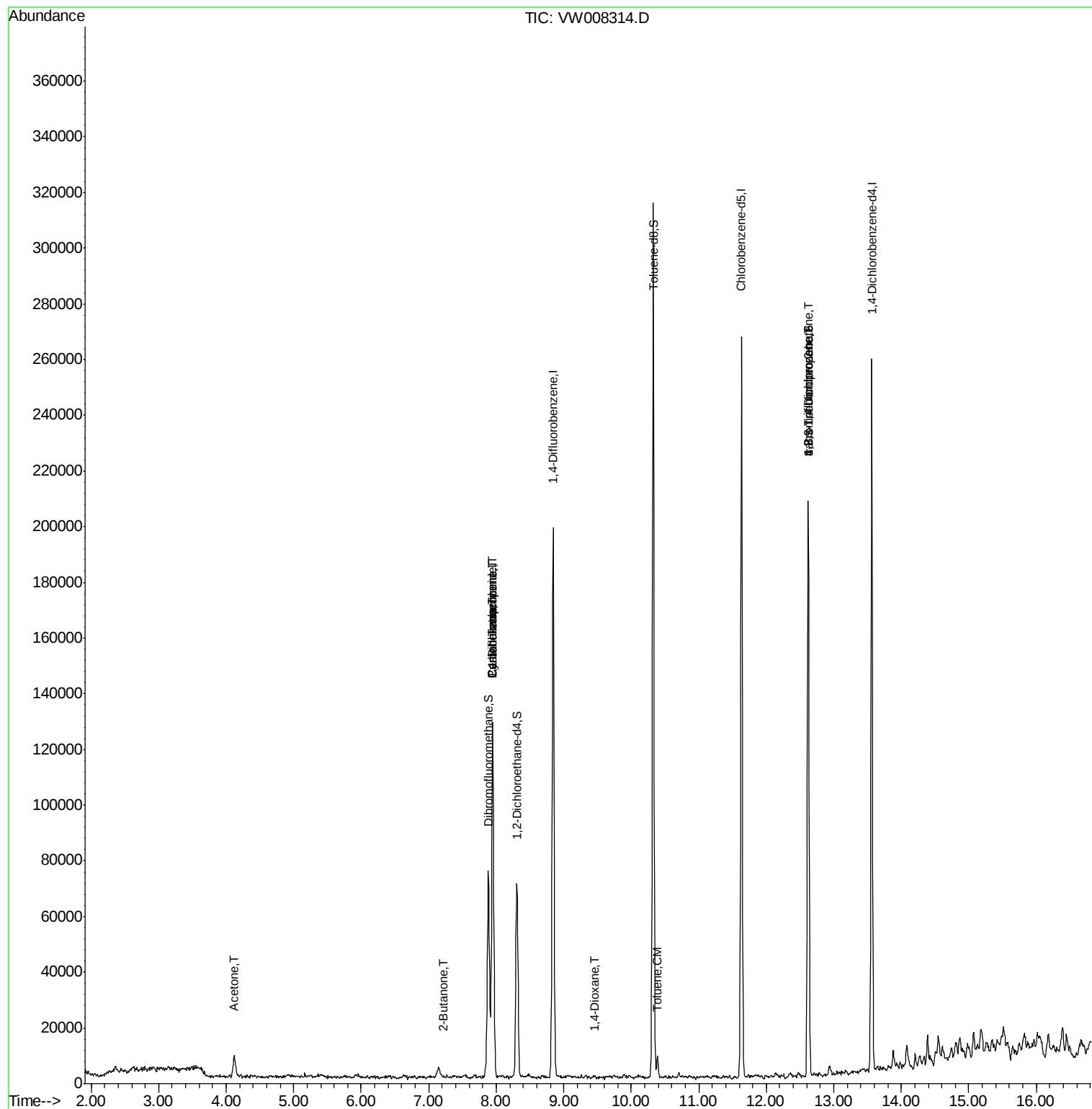
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	24	Below Cal	#	100
13) Acrolein	3.92	56	55	Below Cal	#	1
16) Acetone	4.12	43	12410	50.198	ug/l	100
20) Methylene Chloride	4.91	84	965	Below Cal	#	50
25) 2-Butanone	7.21	43	352	1.230	ug/l	# 48
31) Cyclohexane	7.94	56	2249	1.039	ug/l	# 1
36) 1,1-Dichloropropene	7.94	75	7563	4.461	ug/l	# 51
38) Carbon Tetrachloride	7.95	117	9284	5.983	ug/l	# 18
49) 1,4-Dioxane	9.46	88	28	3.109	ug/l	# 65
52) Toluene	10.39	92	3018	1.028	ug/l	# 97
76) 1,2,3-Trichloropropane	12.62	75	33736	56.395	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.62	75	33736	131.327	ug/l	# 11

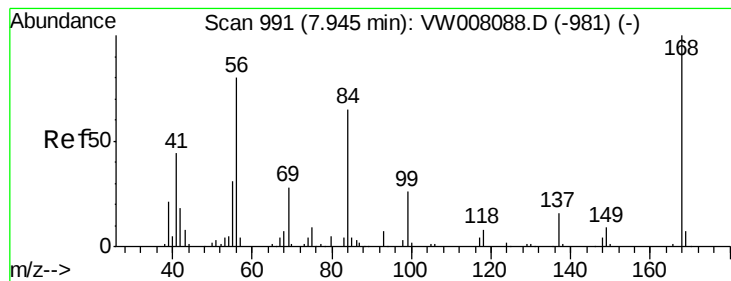
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

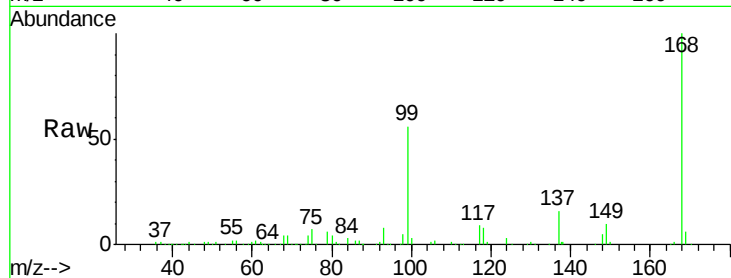
VOC-7

Tot Ion:168 Resp: 91546

Ion Ratio Lower Upper

168 100

99 55.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

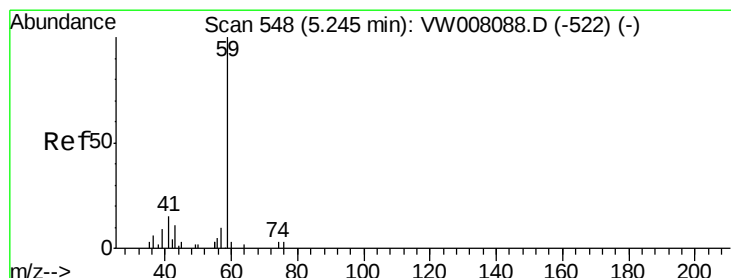
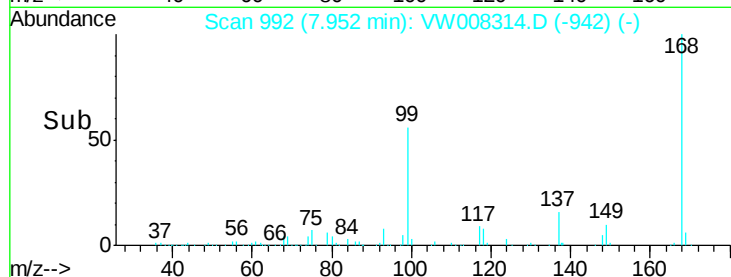
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008314.D

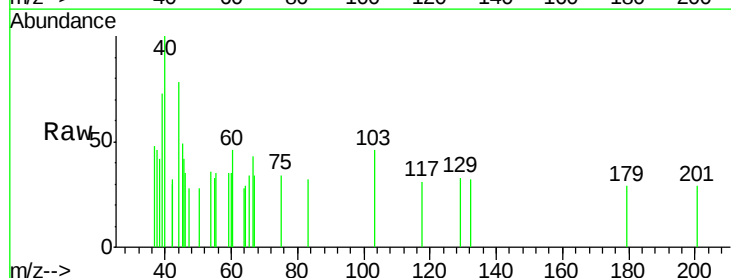
Acq: 16 Jan 2019 17:49

Tgt Ion: 59 Resp: 24

Ion Ratio Lower Upper

59 100

57 87.5 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

150

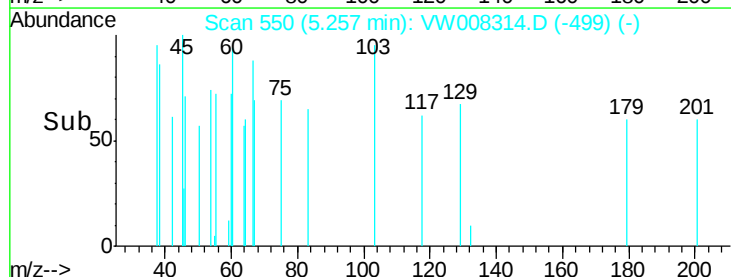
100

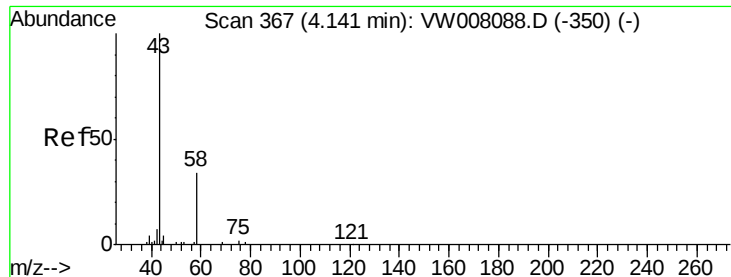
50

0

5.25 5.26 5.27

Time-->

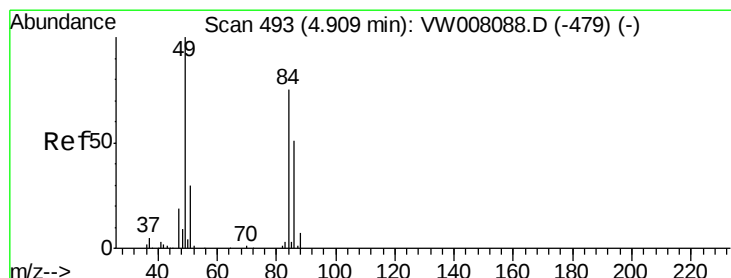
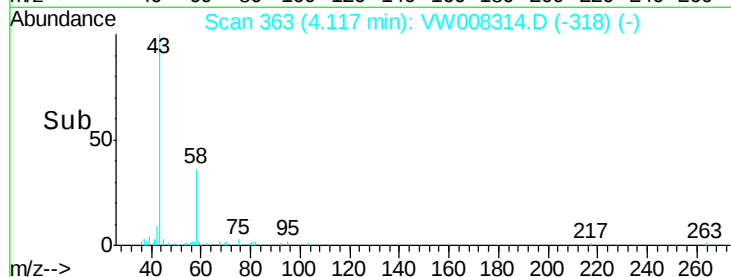
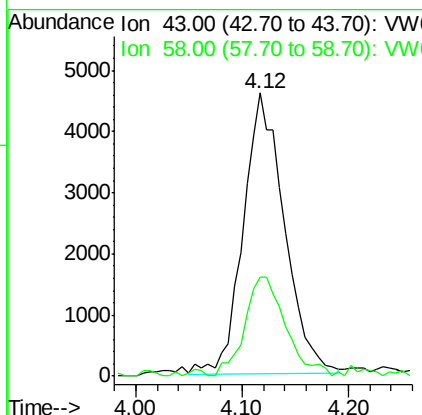
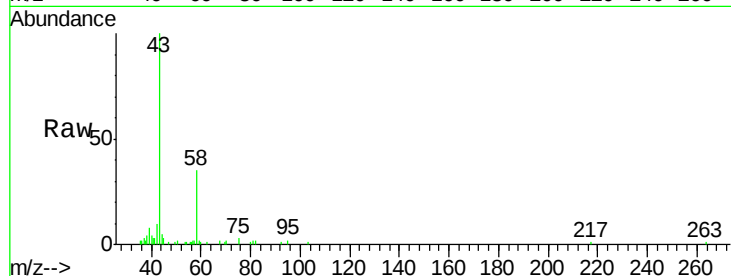




#16
Acetone
Concen: 50.198 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

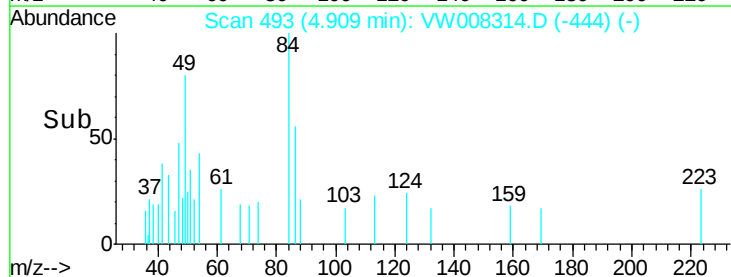
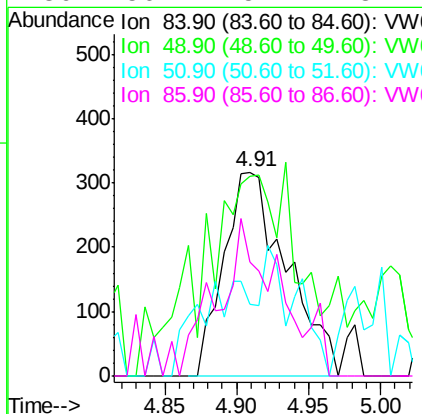
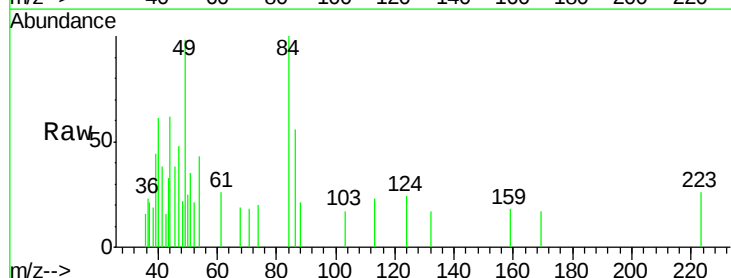
Instrument :
MSVOA_W
ClientSampled :
VOC-7

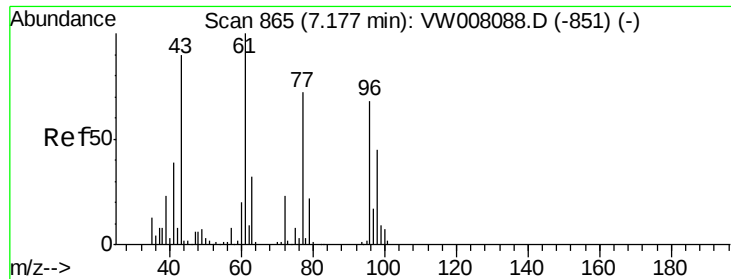
Tot Ion: 43 Resp: 12410
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Tgt Ion: 84 Resp: 965
Ion Ratio Lower Upper
84 100
49 49.2 107.1 160.7#
51 15.1 32.4 48.6#
86 56.2 54.2 81.4





#25

2-Butanone

Concen: 1.230 ug/l

RT: 7.21 min Scan# 871

Delta R.T. 0.04 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

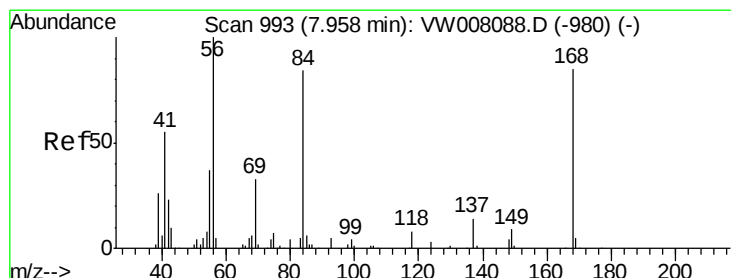
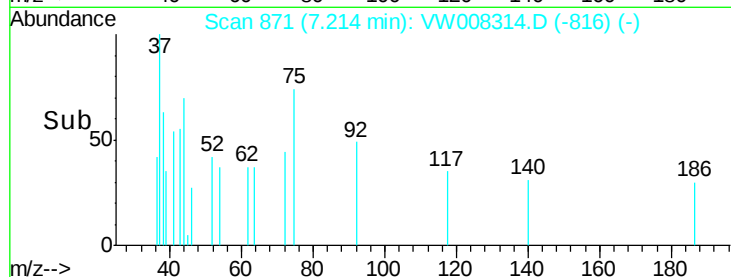
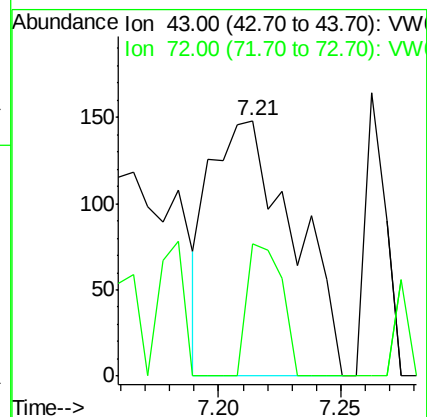
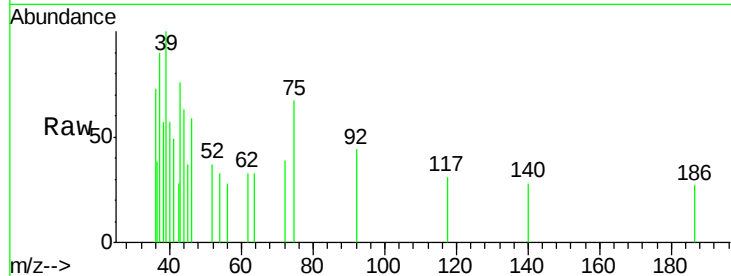
Instrument :
MSVOA_W
ClientSampled :
VOC-7

Tot Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

72 52.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.039 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

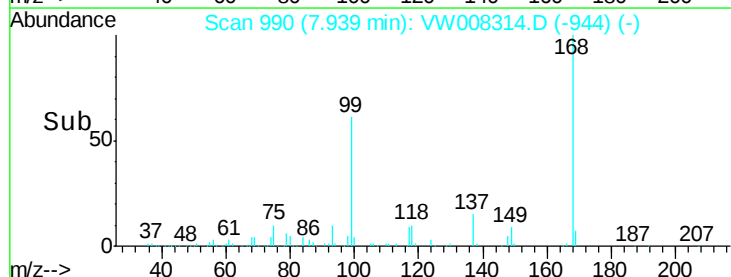
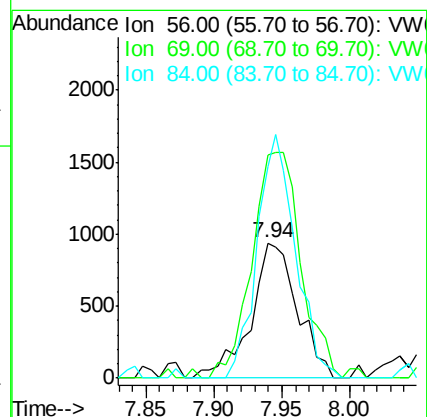
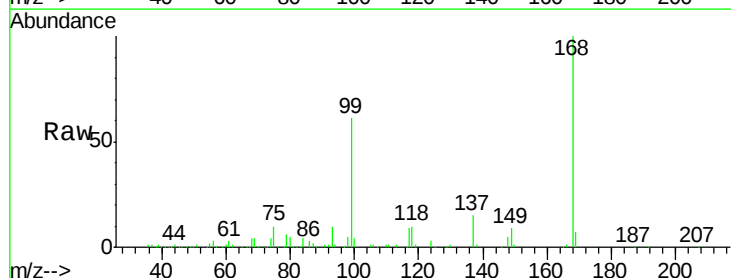
Tgt Ion: 56 Resp: 2249

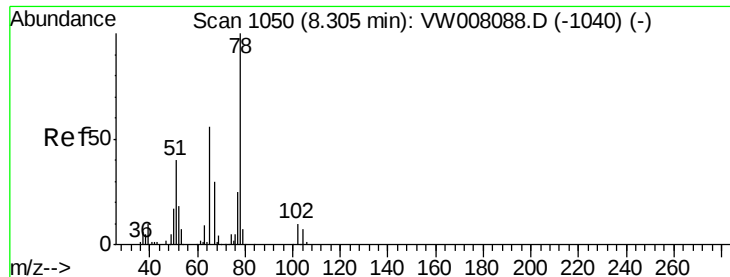
Ion Ratio Lower Upper

56 100

69 165.1 26.2 39.4#

84 156.8 67.4 101.2#





#33

1,2-Dichloroethane-d4

Concen: 51.740 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

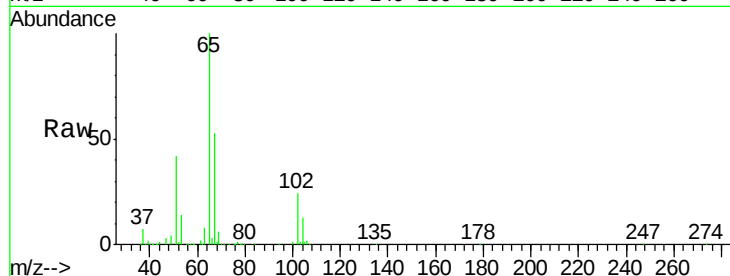
VOC-7

Tot Ion: 65 Resp: 53235

Ion Ratio Lower Upper

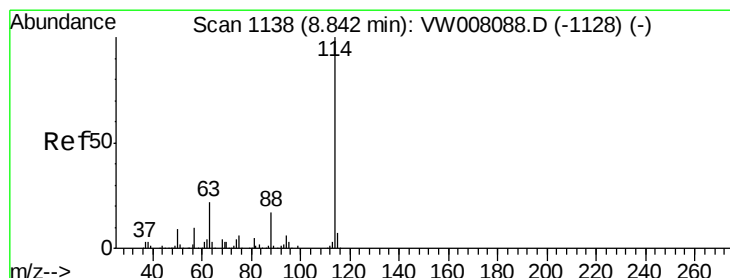
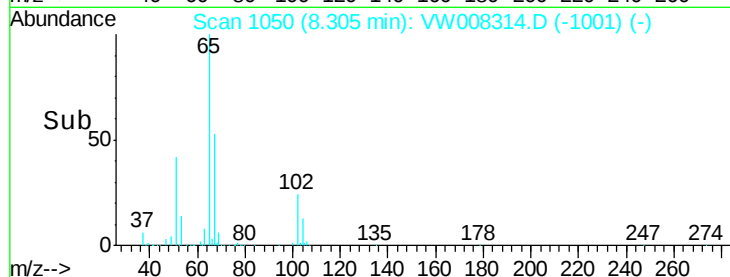
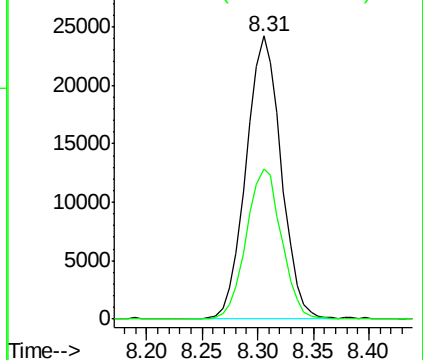
65 100

67 53.2 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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

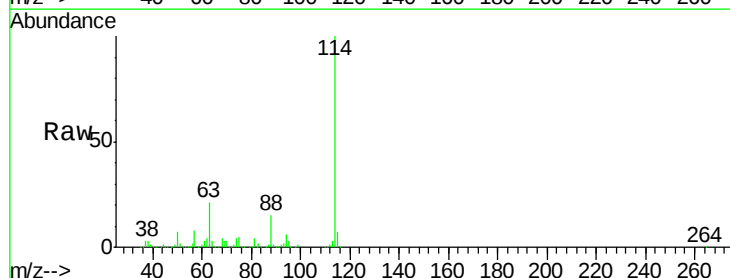
Tgt Ion: 114 Resp: 164588

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.4

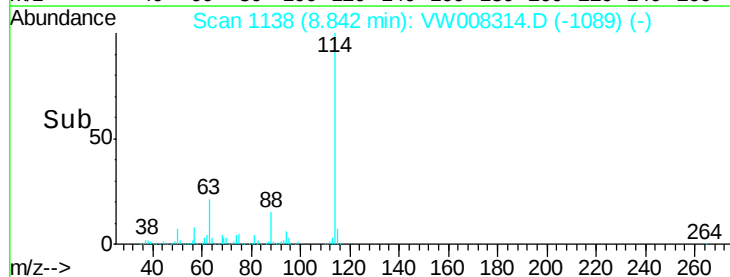
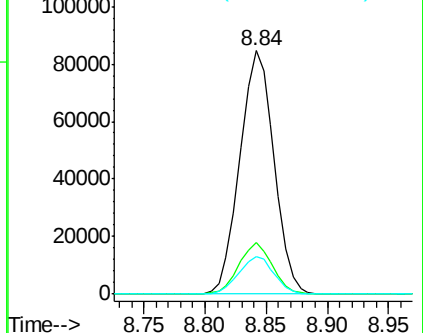
88 15.3 0.0 33.4

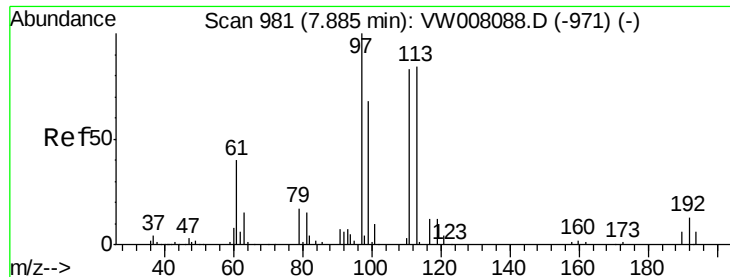


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

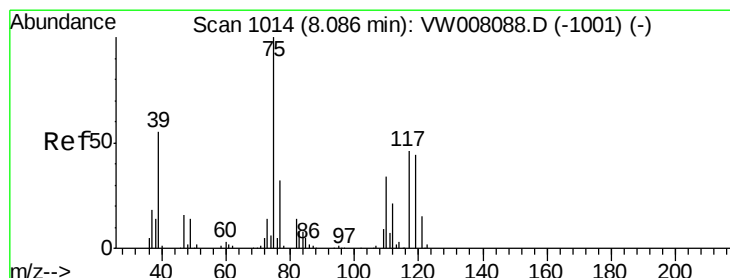
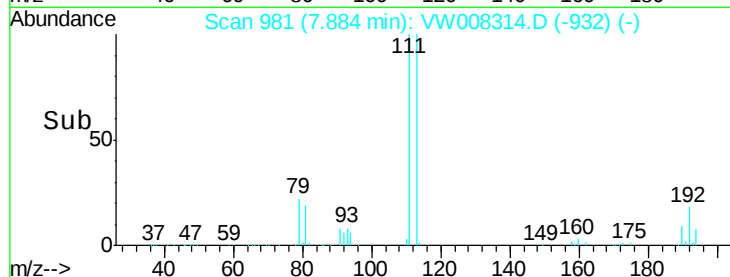
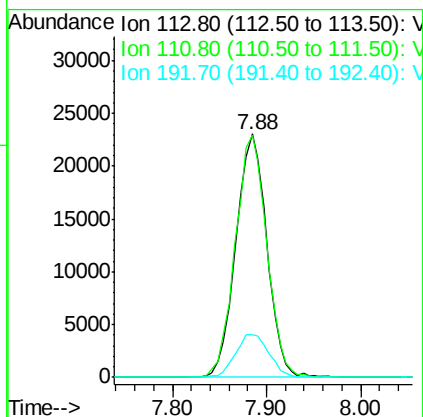
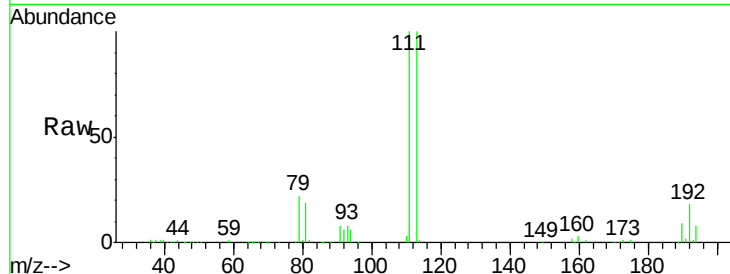




#35
 Dibromofluoromethane
 Concen: 54.837 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008314.D
 Acq: 16 Jan 2019 17:49

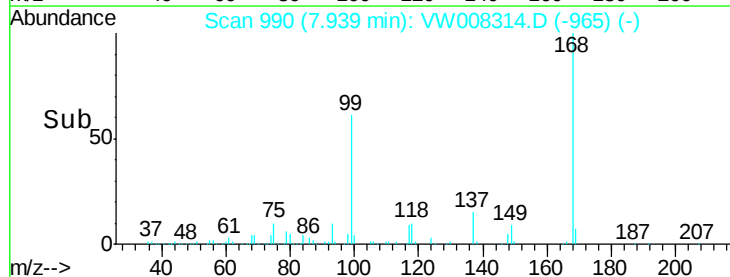
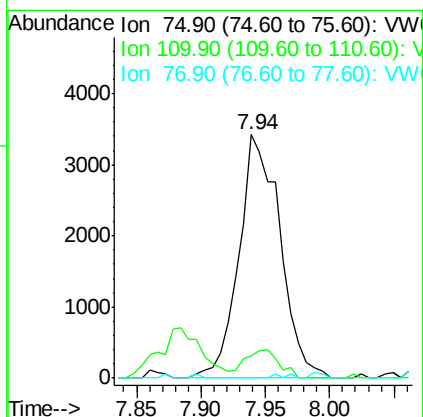
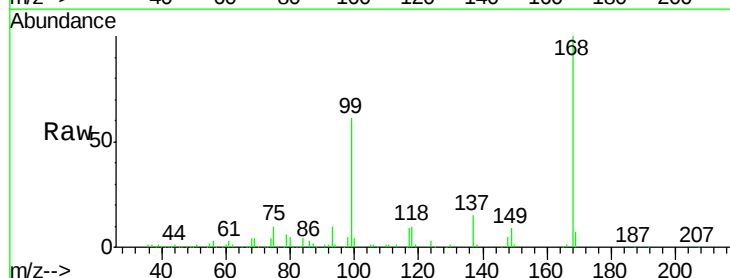
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-7

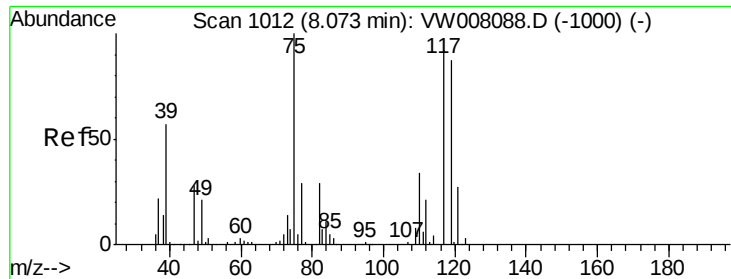
Tot Ion:113 Resp: 52640
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 19.1 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.461 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.15 min
 Lab File: VW008314.D
 Acq: 16 Jan 2019 17:49

Tgt Ion: 75 Resp: 7563
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.3#
 77 0.5 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

VOC-7

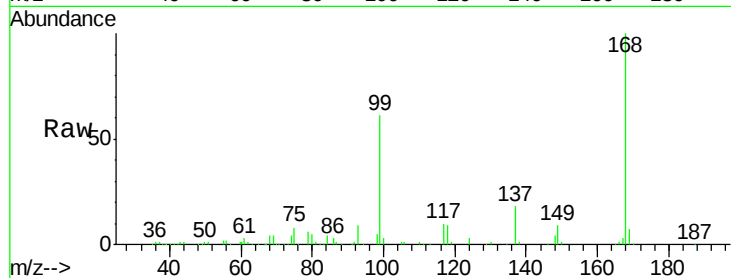
Tot Ion:117 Resp: 9284

Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.8#

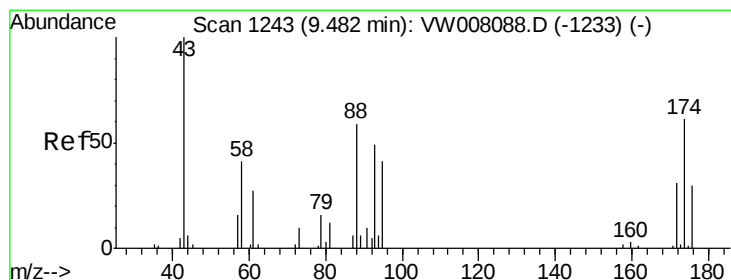
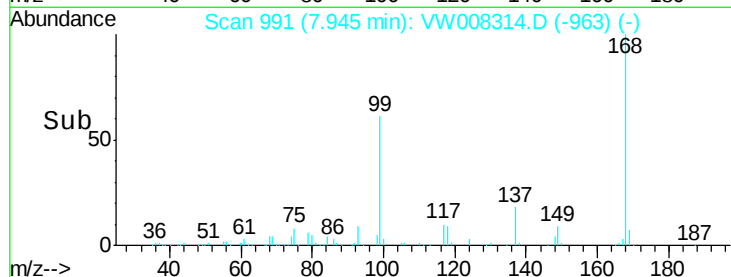
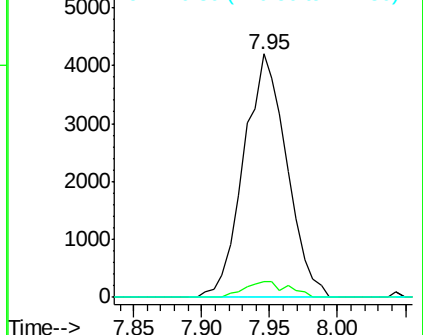
121 0.0 23.7 35.5#



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



#49

1,4-Dioxane

Concen: 3.109 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

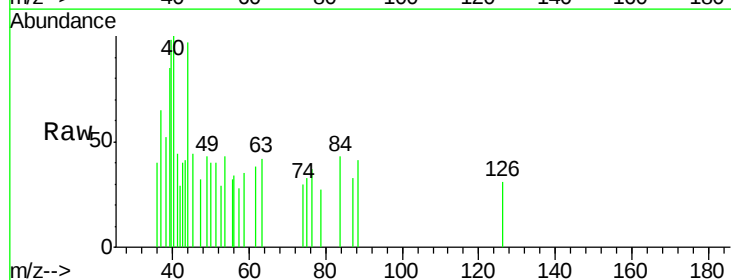
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 492.9 0.0 0.0#

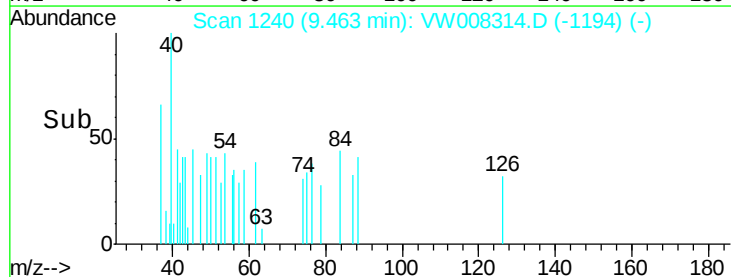
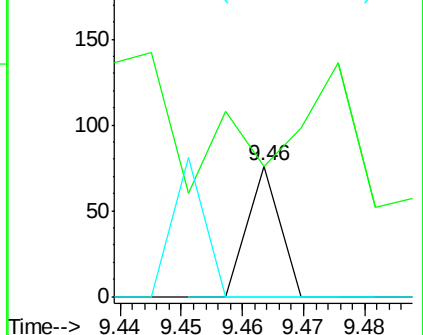
58 107.1 61.7 92.5#

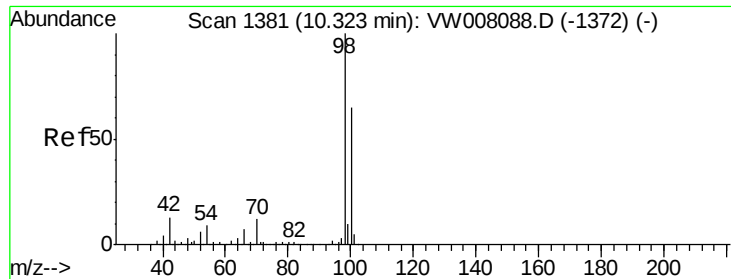


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

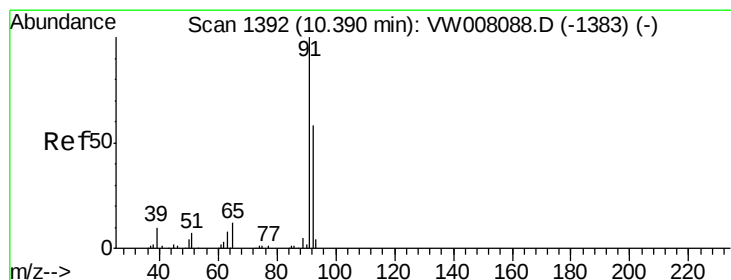
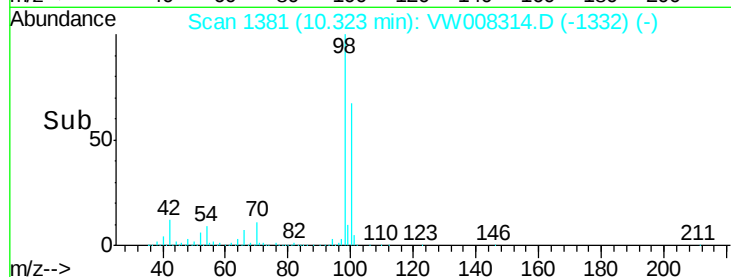
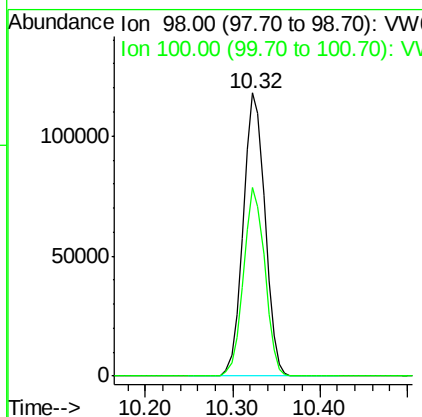
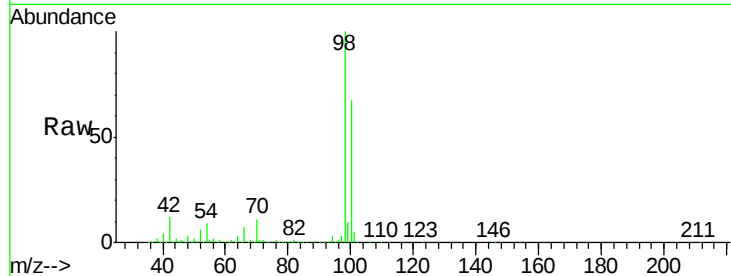




#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

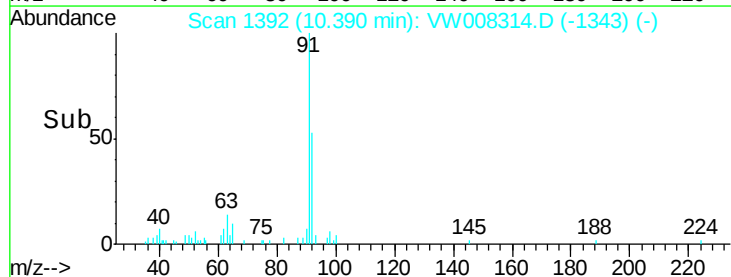
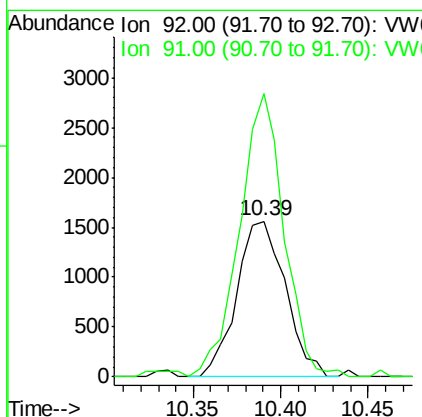
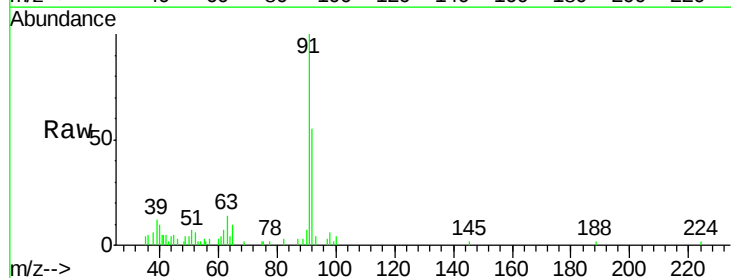
Instrument :
MSVOA_W
ClientSampleId :
VOC-7

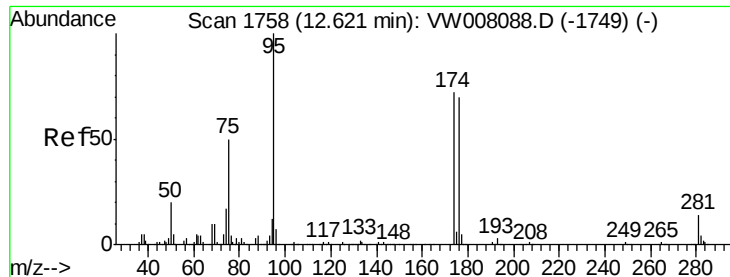
Tot Ion: 98 Resp: 203694
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#52
Toluene
Concen: 1.028 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Tgt Ion: 92 Resp: 3018
Ion Ratio Lower Upper
92 100
91 166.6 137.0 205.4

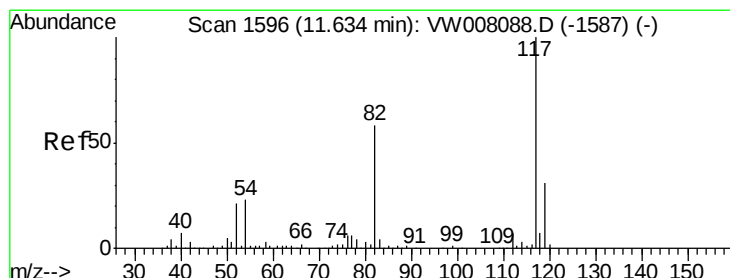
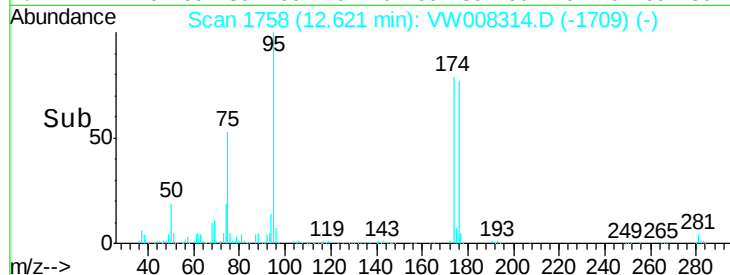
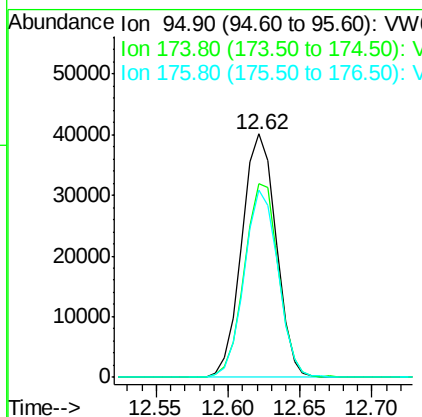
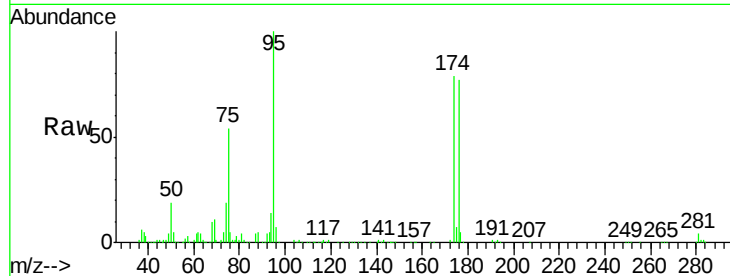




#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

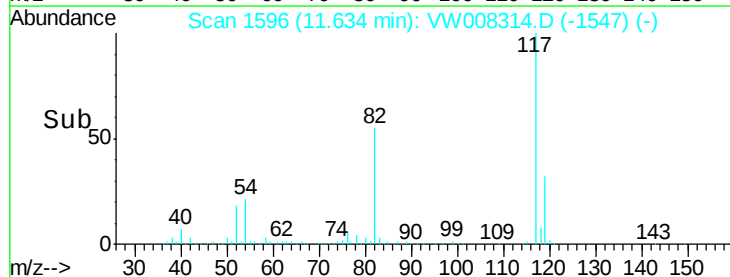
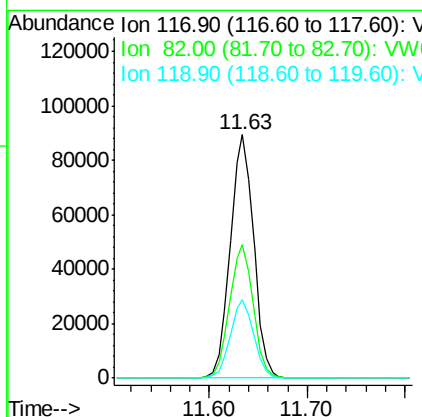
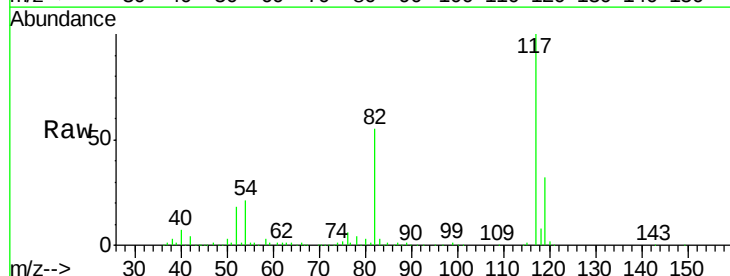
Instrument :
MSVOA_W
ClientSampled :
VOC-7

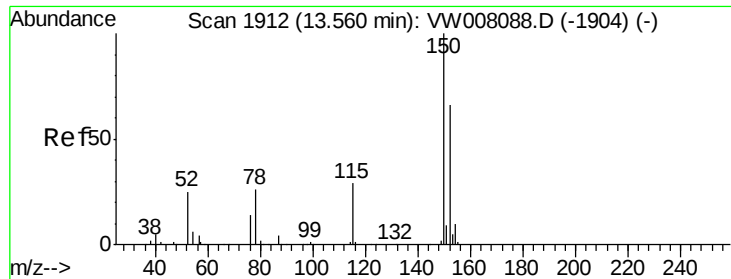
Tot Ion: 95 Resp: 66259
Ion Ratio Lower Upper
95 100
174 79.0 0.0 143.0
176 75.5 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Tgt Ion: 117 Resp: 147949
Ion Ratio Lower Upper
117 100
82 54.7 46.4 69.6
119 32.1 24.7 37.1



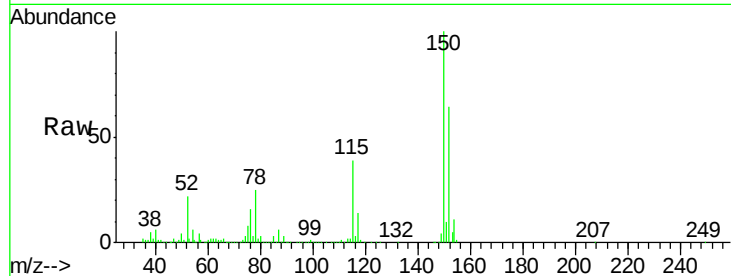


#72

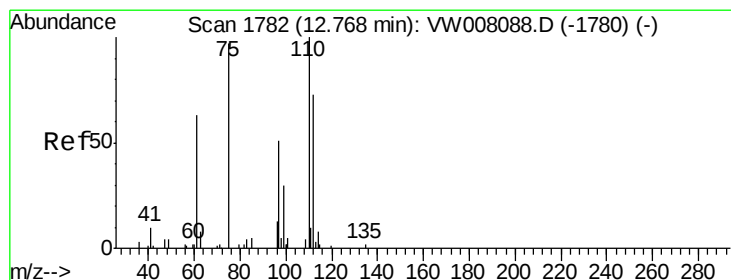
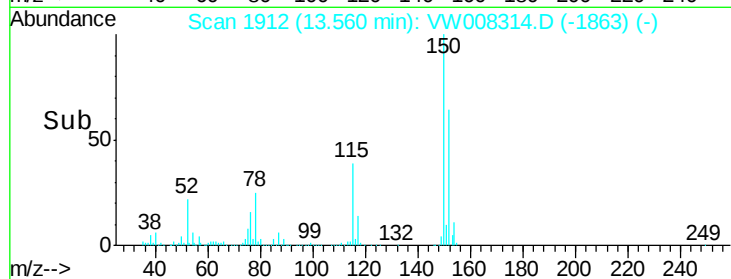
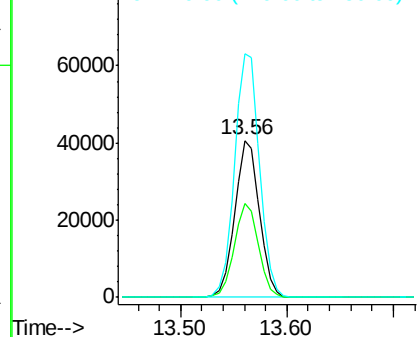
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Instrument :
MSVOA_W
ClientSampled :
VOC-7

Tot Ion:152 Resp: 65621
Ion Ratio Lower Upper
152 100
115 59.2 30.8 92.4
150 157.1 0.0 350.2



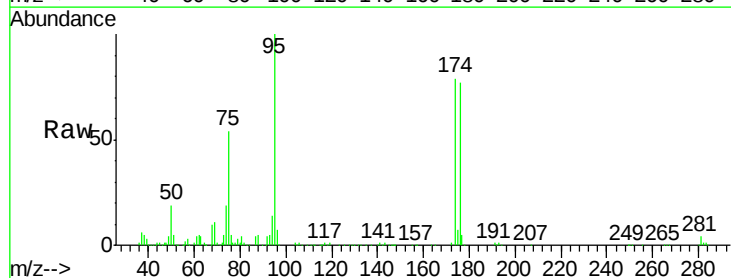
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



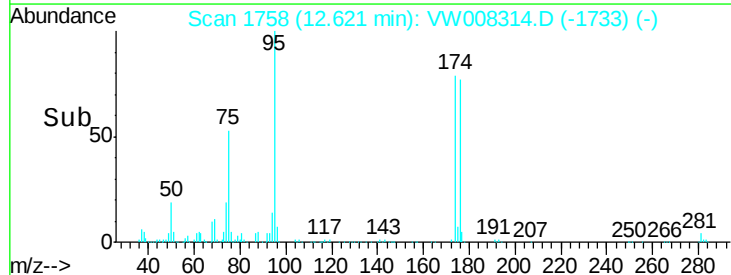
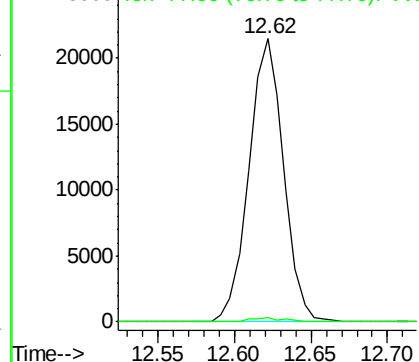
#76

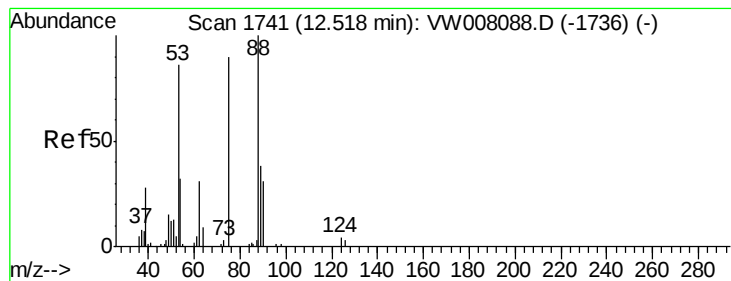
1,2,3-Trichloropropane
Concen: 56.395 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008314.D
Acq: 16 Jan 2019 17:49

Tgt Ion: 75 Resp: 33736
Ion Ratio Lower Upper
75 100
77 1.5 179.4 538.2#



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: 131.327 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008314.D

Acq: 16 Jan 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

VOC-7

Tot Ion: 75 Resp: 33736

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.1 35.4 53.2#

