

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008112.D
 Acq On : 09 Jan 2019 19:17
 Operator : SY/AP
 Sample : K1074-14
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-7

Quant Time: Jan 10 05:59:33 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	57662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43067	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	34568	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
35) Dibromofluoromethane	7.88	113	31356	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	128422	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.62	95	42247	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

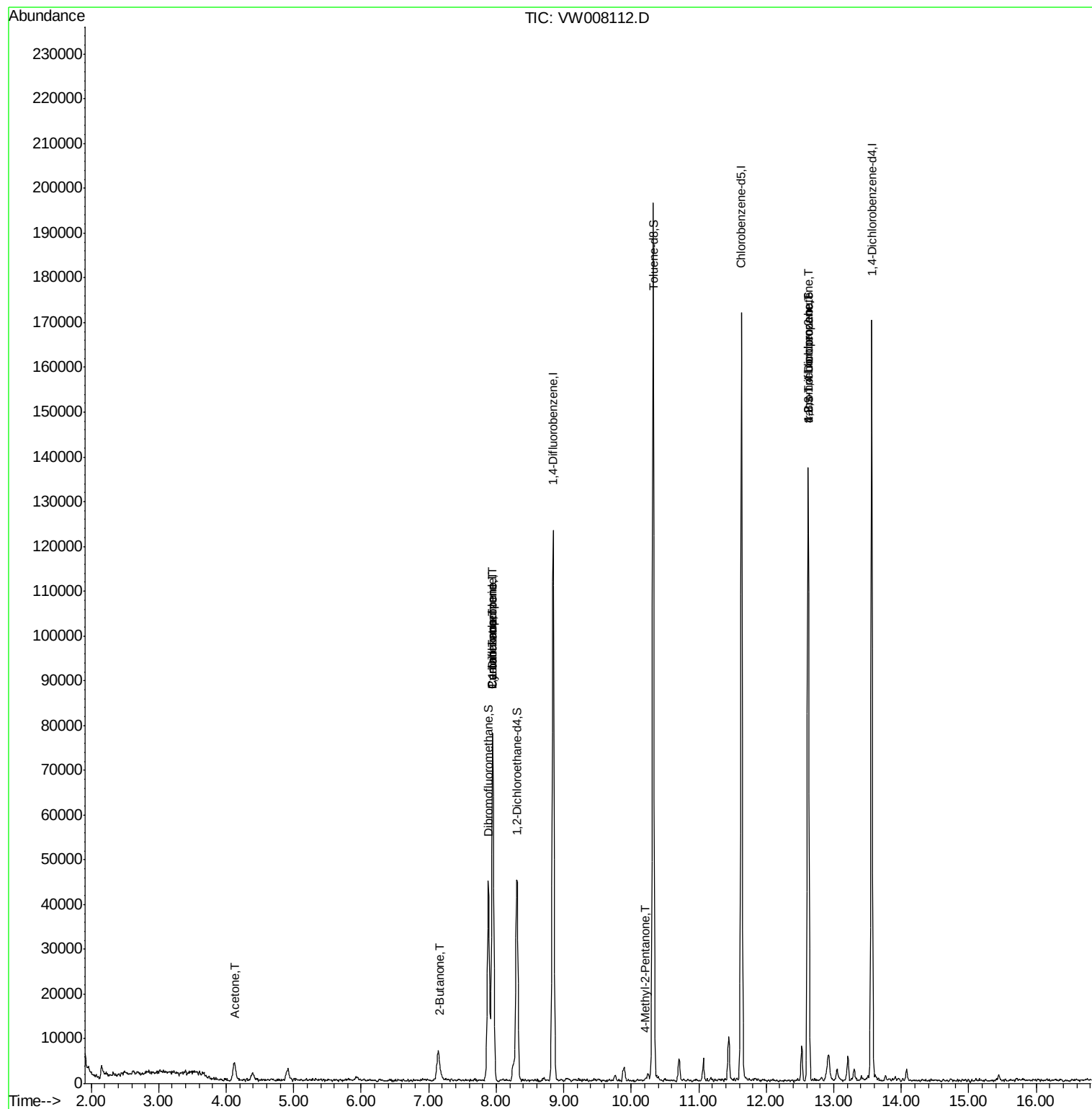
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	69	Below Cal	#	100
13) Acrolein	3.84	56	43	Below Cal	#	71
16) Acetone	4.12	43	7262	44.997	ug/l	96
20) Methylene Chloride	4.92	84	1500	Below Cal	#	77
25) 2-Butanone	7.17	43	976	5.413	ug/l	82
31) Cyclohexane	7.95	56	1372	1.006	ug/l	24
36) 1,1-Dichloropropene	7.94	75	5060	4.845	ug/l	50
38) Carbon Tetrachloride	7.95	117	5869	6.140	ug/l	14
51) 4-Methyl-2-Pentanone	10.21	43	484	1.195	ug/l	64
76) 1,2,3-Trichloropropane	12.62	75	22992	58.563	ug/l	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22992	136.375	ug/l	11

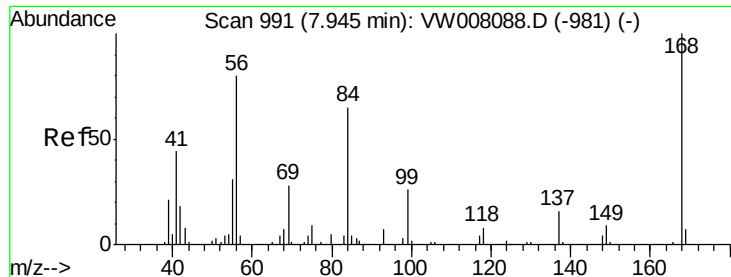
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
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# 991

Delta R.T. 0.00 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampled :

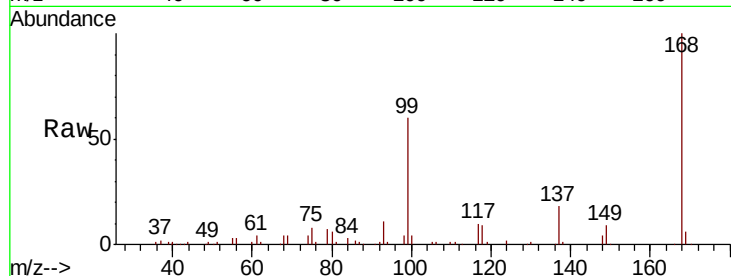
W12-7

Tgt Ion: 168 Resp: 57662

Ion Ratio Lower Upper

168 100

99 60.2 52.6 78.8

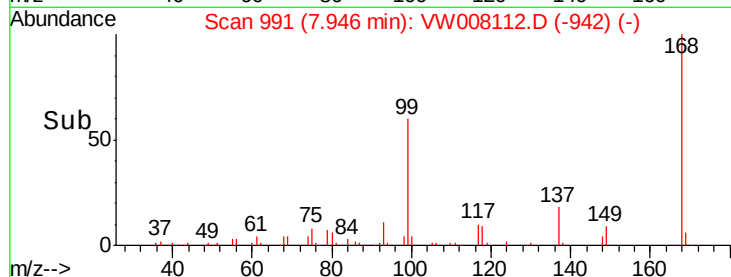


Abundance Ion 167.90 (167.60 to 168.60): VW

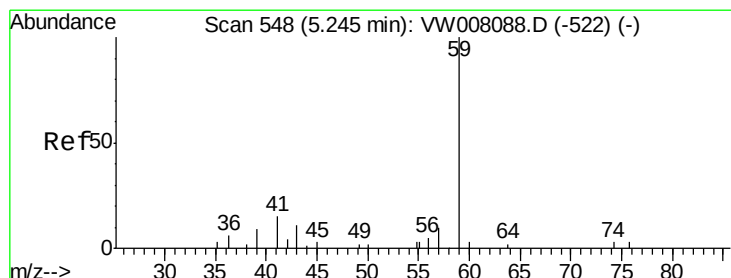
Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW008112.D

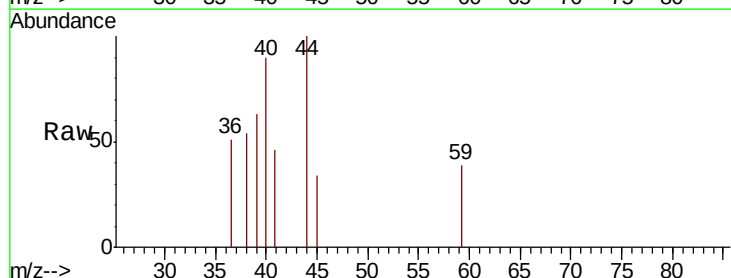
Acq: 09 Jan 2019 19:17

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0

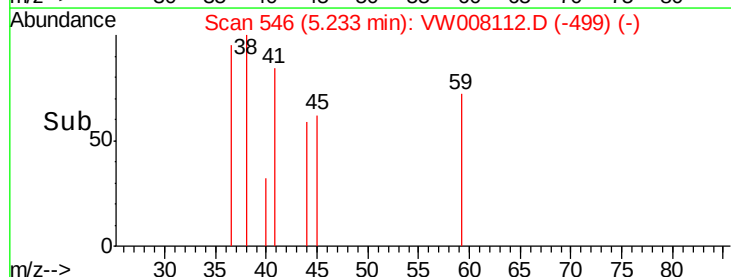


Abundance Ion 59.00 (58.70 to 59.70): VW

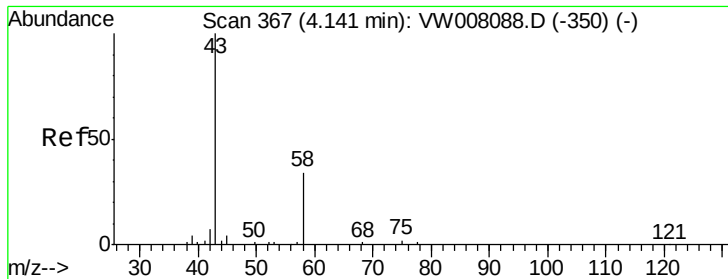
Ion 57.00 (56.70 to 57.70): VW

5.23

Time-->



Time-->



#16

Acetone

Concen: 44.997 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

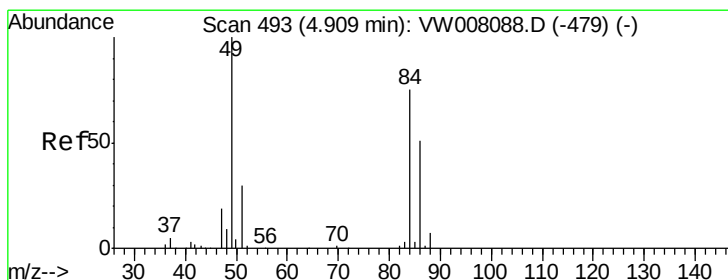
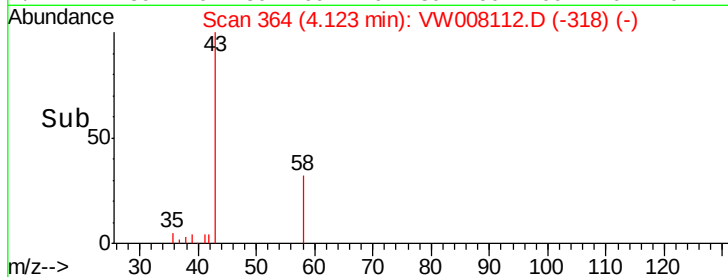
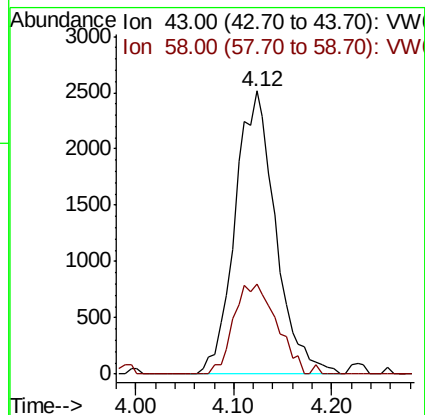
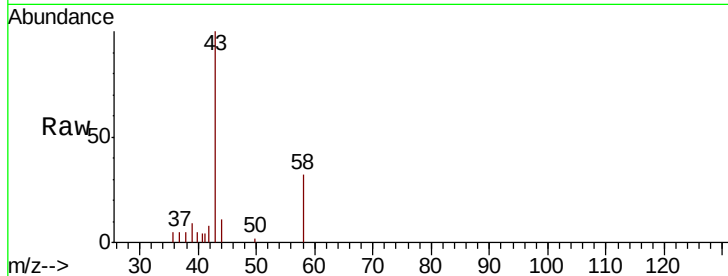
W12-7

Tgt Ion: 43 Resp: 7262

Ion Ratio Lower Upper

43 100

58 32.0 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Tgt Ion: 84 Resp: 1500

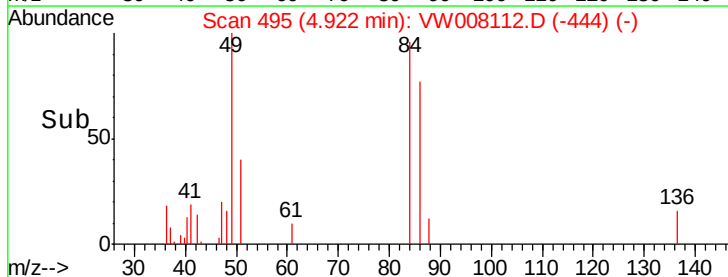
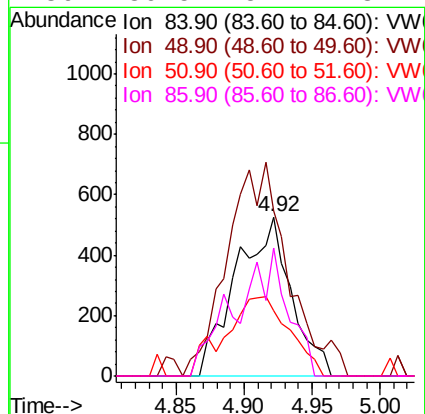
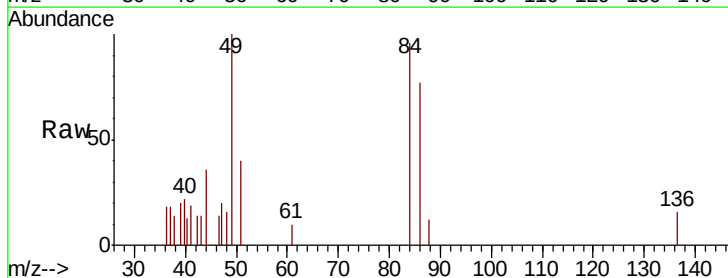
Ion Ratio Lower Upper

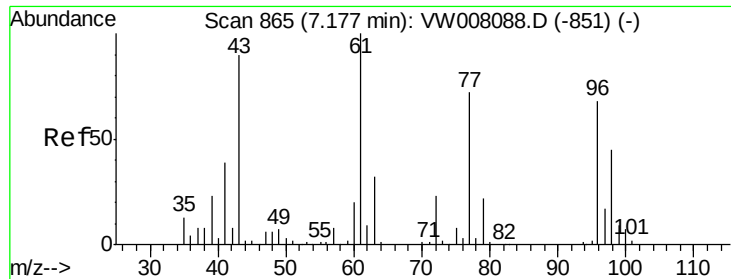
84 100

49 93.7 107.1 160.7#

51 41.4 32.4 48.6

86 80.5 54.2 81.4





#25

2-Butanone

Concen: 5.413 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

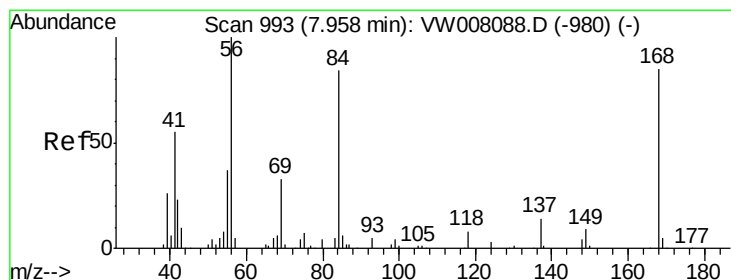
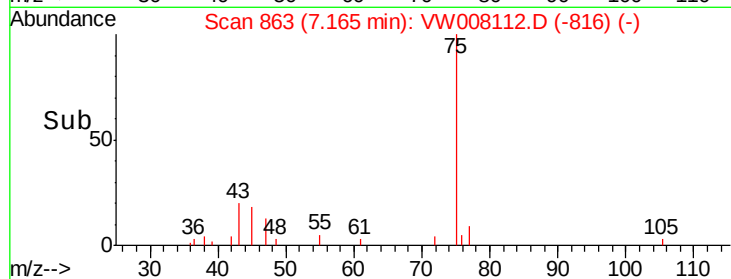
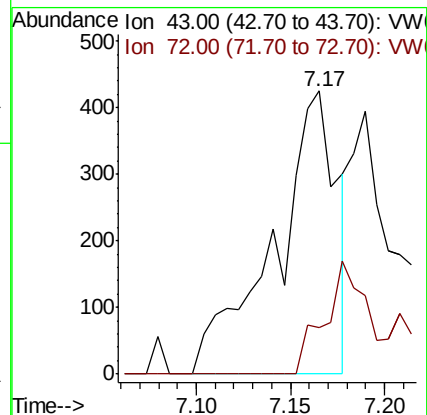
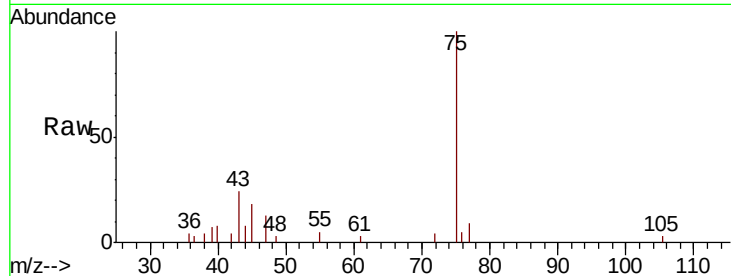
W12-7

Tgt Ion: 43 Resp: 976

Ion Ratio Lower Upper

43 100

72 16.5 20.5 30.7#



#31

Cyclohexane

Concen: 1.006 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

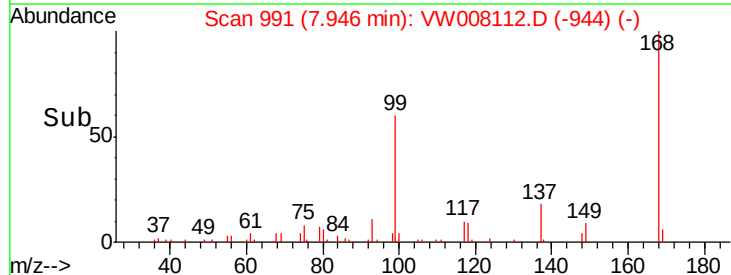
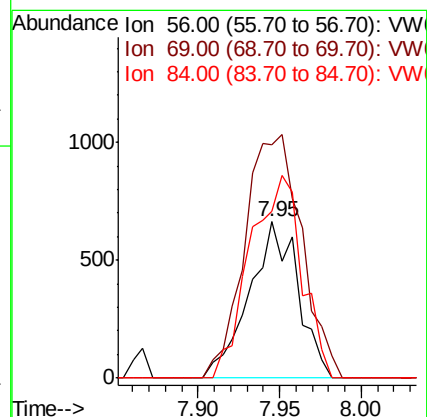
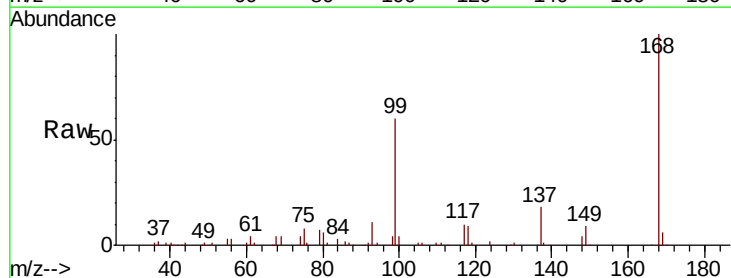
Tgt Ion: 56 Resp: 1372

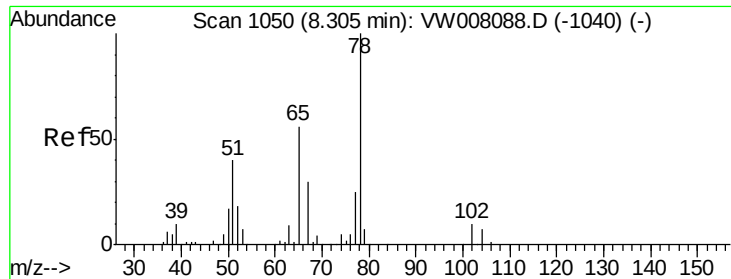
Ion Ratio Lower Upper

56 100

69 149.6 26.2 39.4#

84 106.8 67.4 101.2#

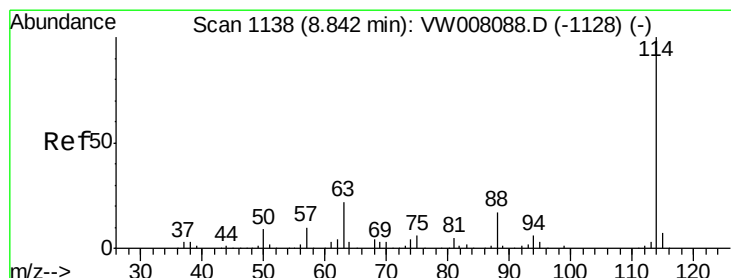
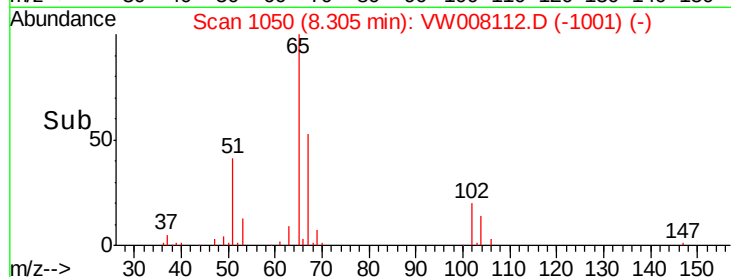
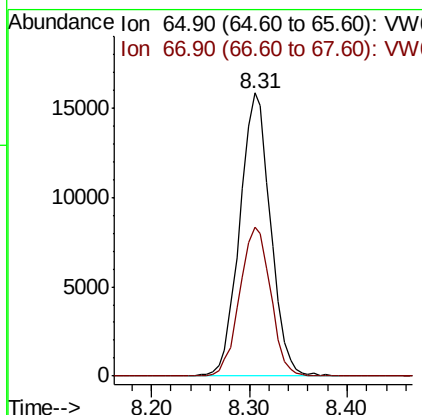
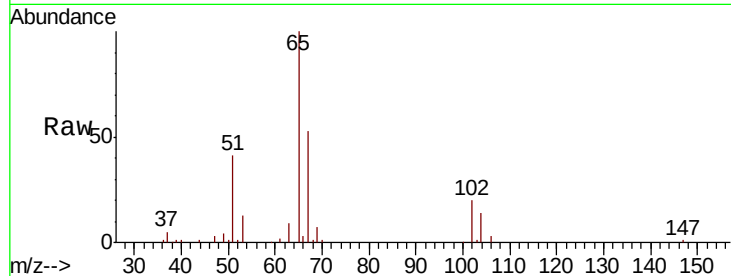




#33
 1,2-Dichloroethane-d4
 Concen: 53.340 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008112.D
 Acq: 09 Jan 2019 19:17

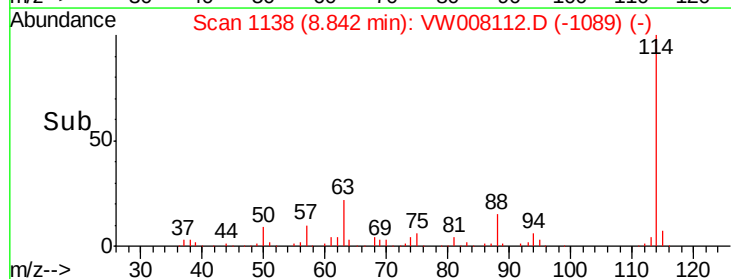
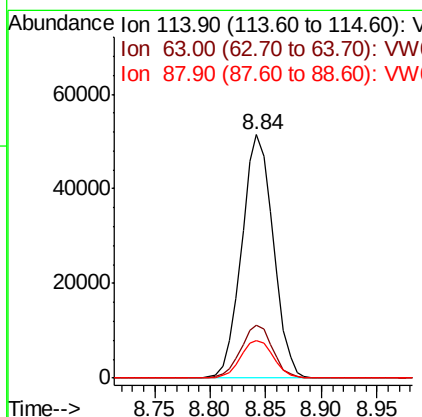
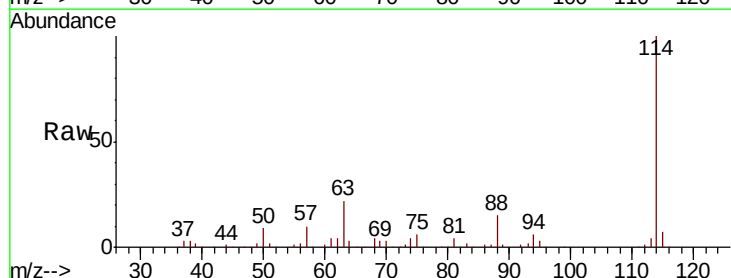
Instrument :
 MSVOA_W
 ClientSampled :
 W12-7

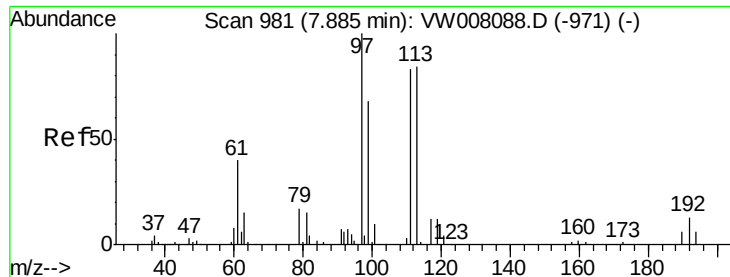
Tgt Ion: 65 Resp: 34568
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008112.D
 Acq: 09 Jan 2019 19:17

Tgt Ion: 114 Resp: 101378
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.031 ug/l

RT: 7.88 min Scan# 981

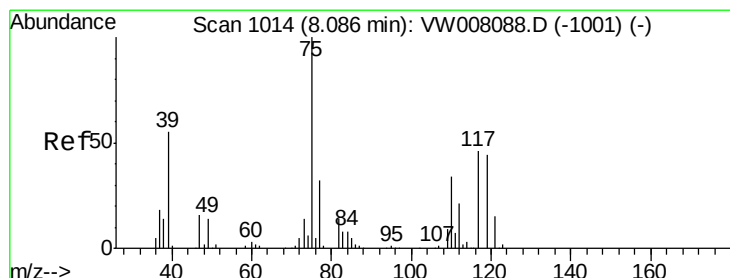
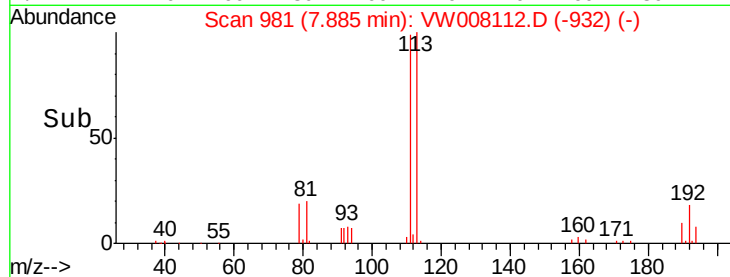
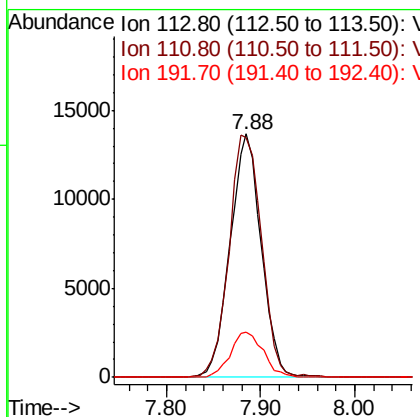
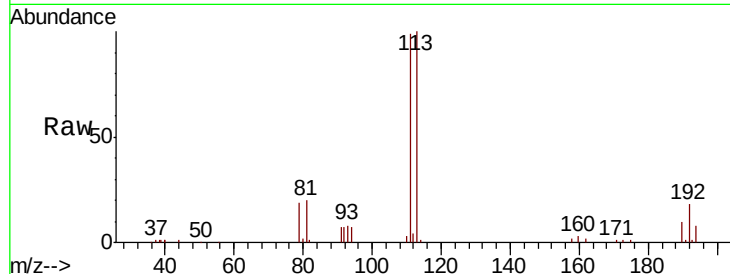
Delta R.T. 0.00 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Instrument :
MSVOA_W
ClientSampleId :
W12-7

Tgt Ion:	113	Resp:	31356
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.8
192	19.6	12.8	19.2#



#36

1,1-Dichloropropene

Concen: 4.845 ug/l

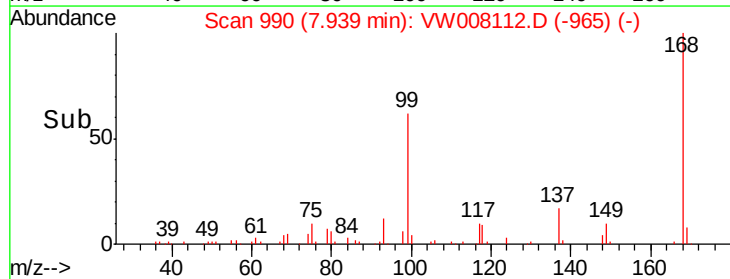
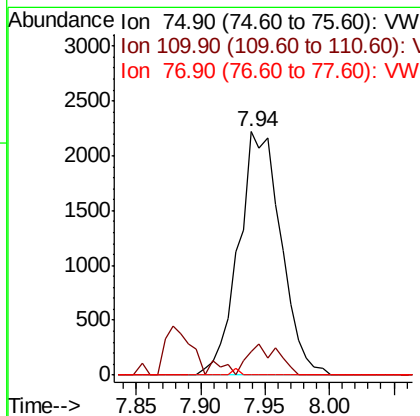
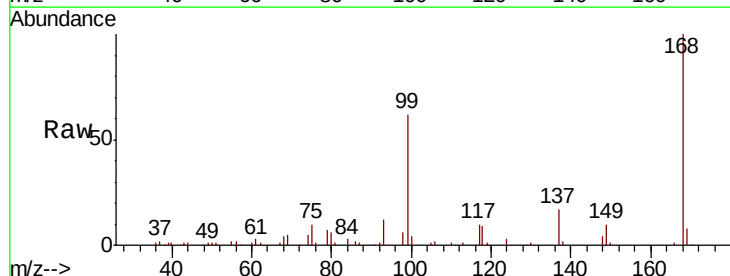
RT: 7.94 min Scan# 990

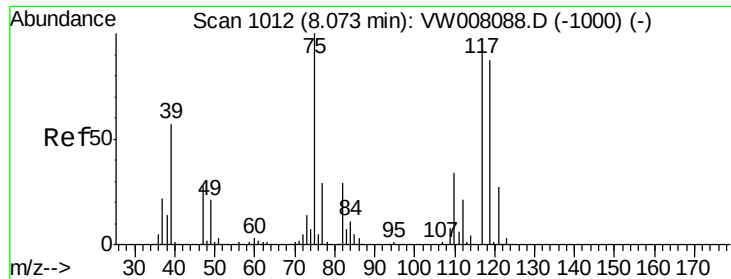
Delta R.T. -0.15 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Tgt Ion:	75	Resp:	5060
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.3#
77	0.4	25.5	38.3#

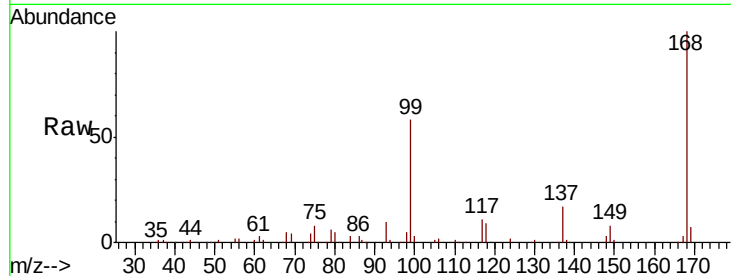




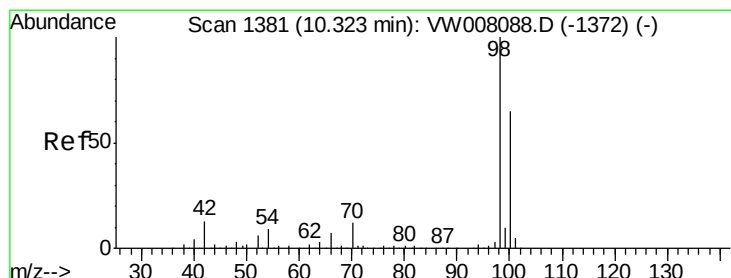
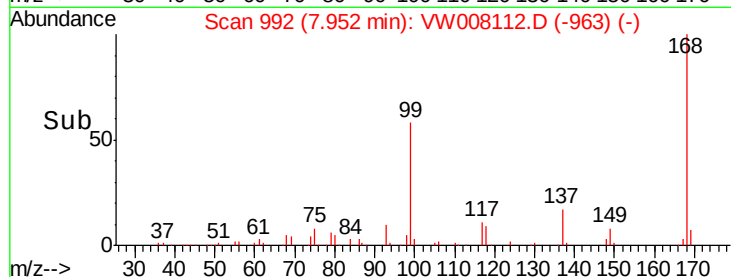
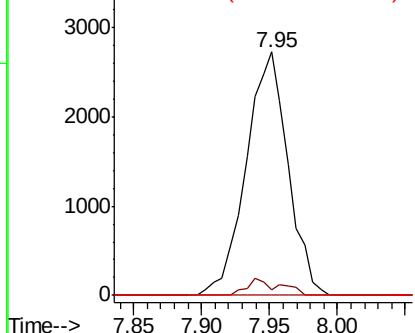
#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008112.D
Acq: 09 Jan 2019 19:17

Instrument :
MSVOA_W
ClientSampleId :
W12-7

Tgt Ion:117 Resp: 5869
Ion Ratio Lower Upper
117 100
119 2.2 75.8 113.8#
121 0.0 23.7 35.5#

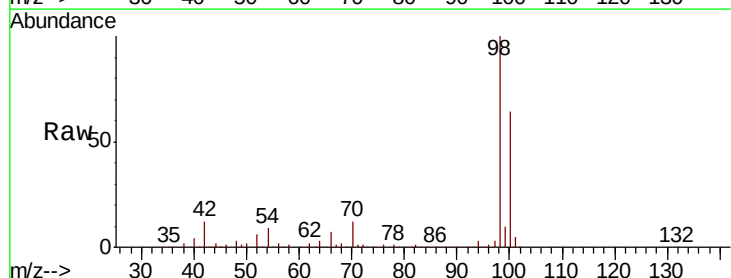


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

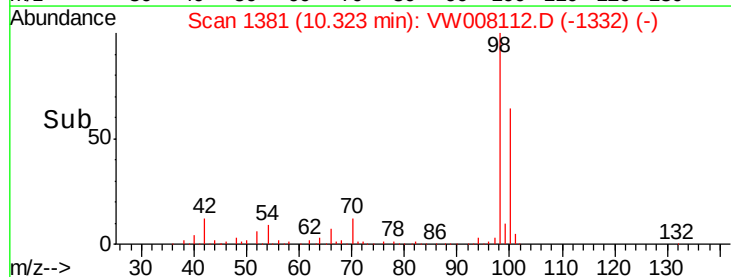
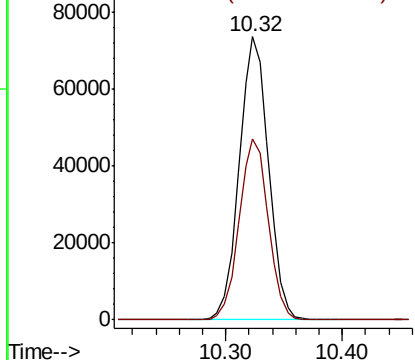


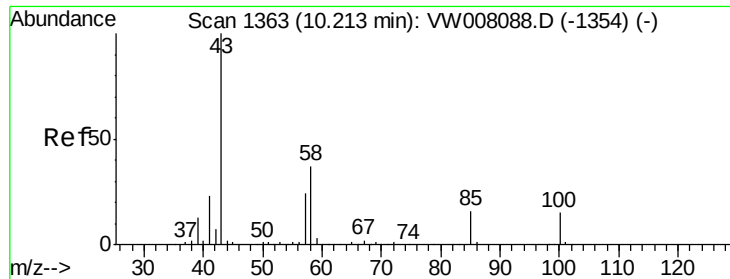
#50
Toluene-d8
Concen: 51.757 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008112.D
Acq: 09 Jan 2019 19:17

Tgt Ion: 98 Resp: 128422
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



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

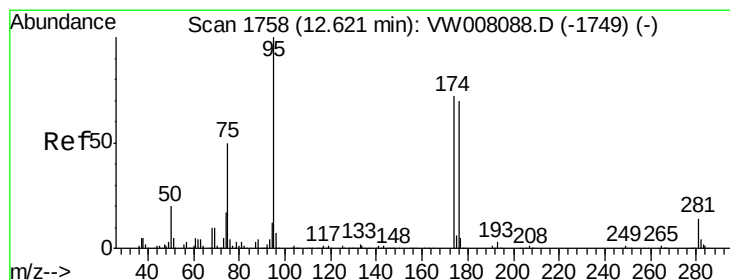
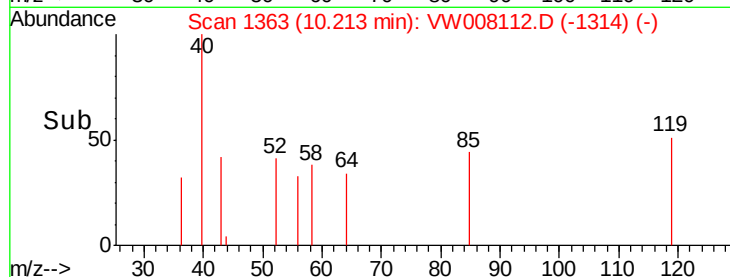
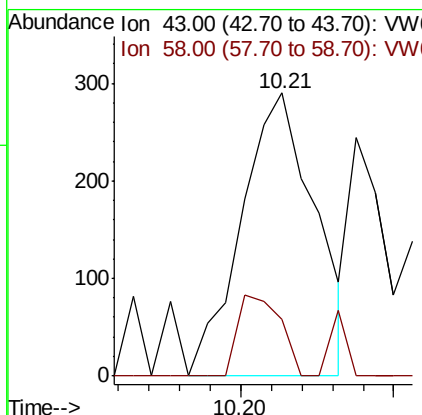
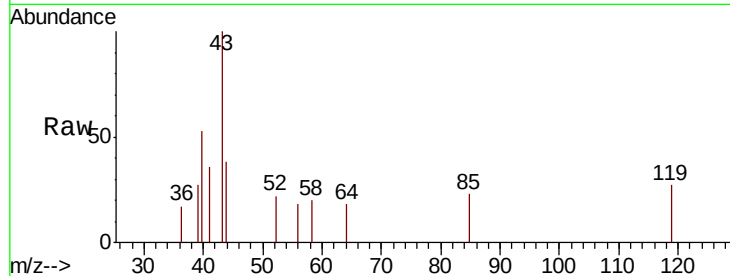




#51
 4-Methyl-2-Pentanone
 Concen: 1.195 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008112.D
 Acq: 09 Jan 2019 19:17

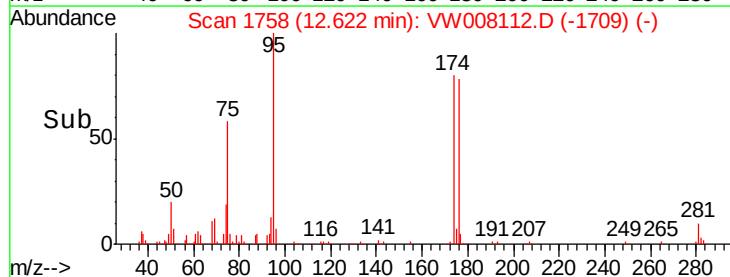
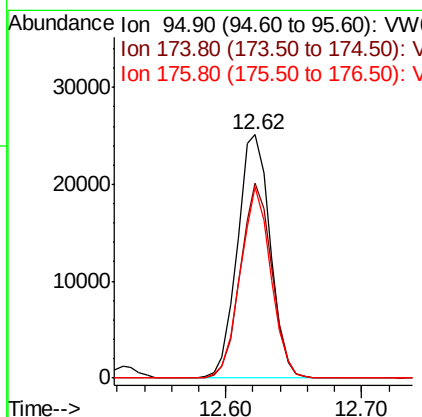
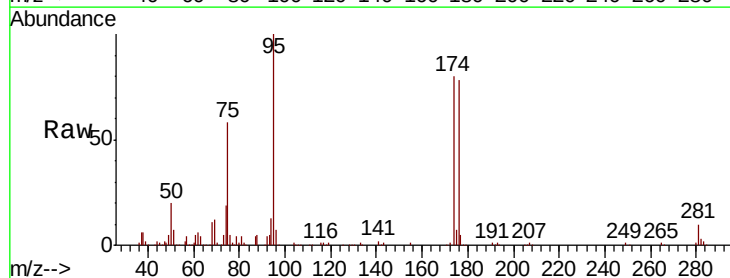
Instrument :
 MSVOA_W
 ClientSampled :
 W12-7

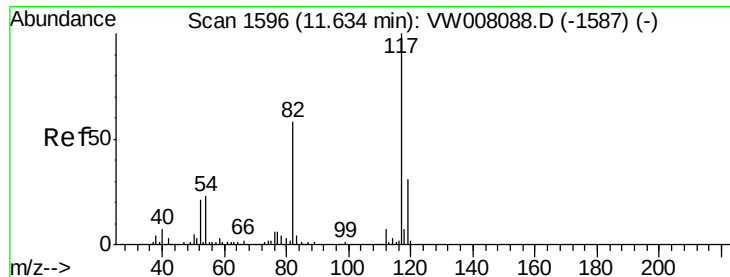
Tgt Ion: 43 Resp: 484
 Ion Ratio Lower Upper
 43 100
 58 16.5 30.6 46.0#



#62
 4-Bromofluorobenzene
 Concen: 47.495 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008112.D
 Acq: 09 Jan 2019 19:17

Tgt Ion: 95 Resp: 42247
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 143.0
 176 73.5 0.0 140.2

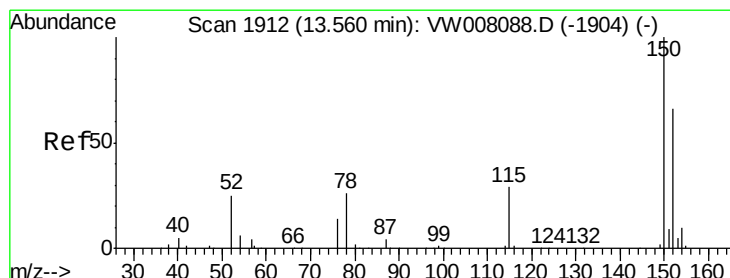
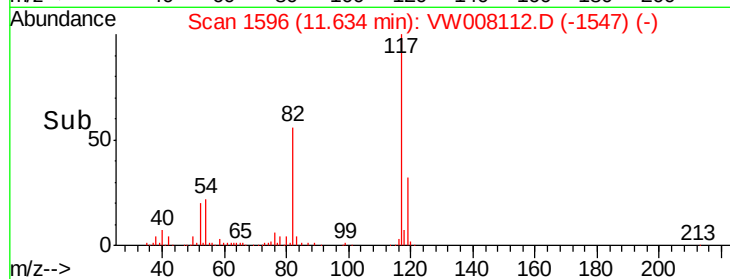
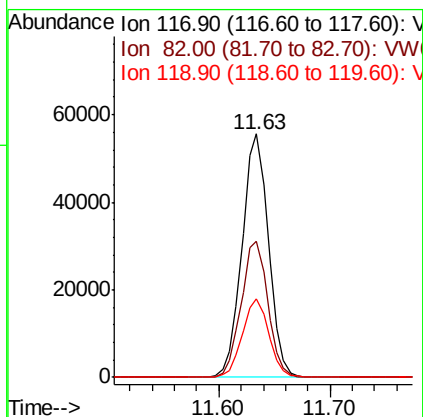
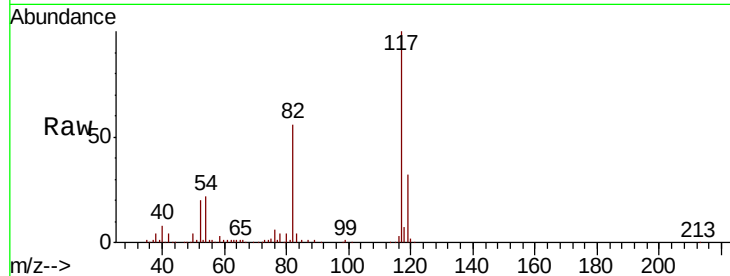




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008112.D
Acq: 09 Jan 2019 19:17

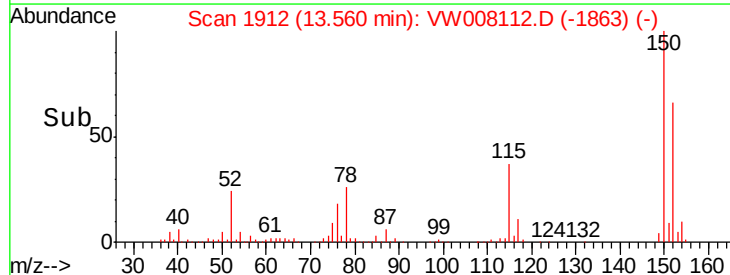
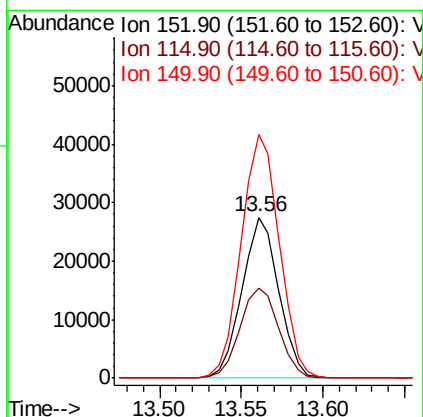
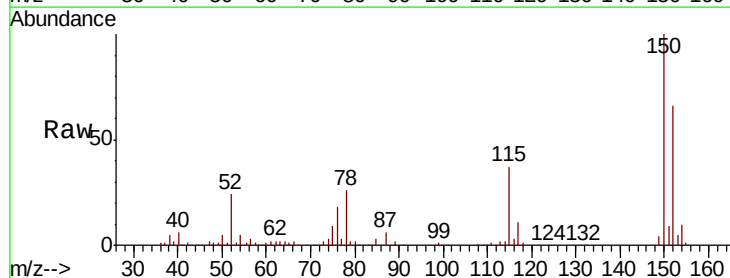
Instrument :
MSVOA_W
ClientSampleId :
W12-7

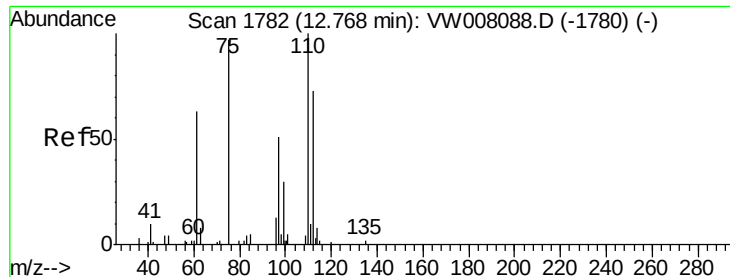
Tgt Ion:117 Resp: 91507
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008112.D
Acq: 09 Jan 2019 19:17

Tgt Ion:152 Resp: 43067
Ion Ratio Lower Upper
152 100
115 58.9 30.8 92.4
150 157.4 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 58.563 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

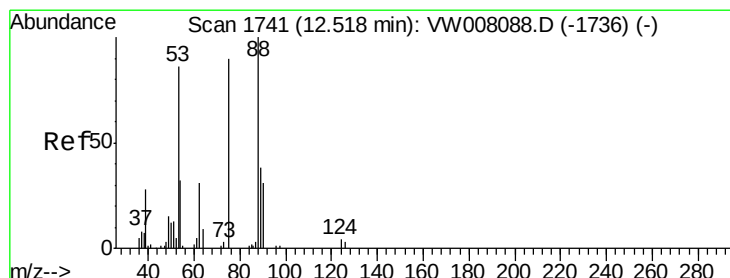
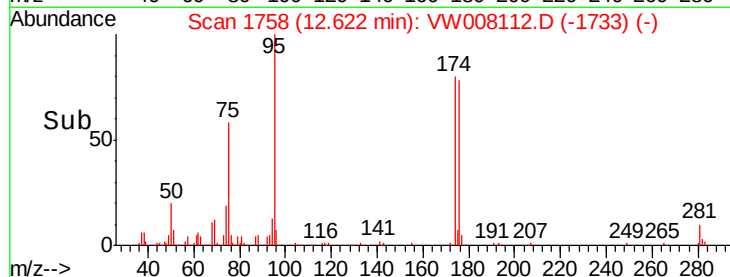
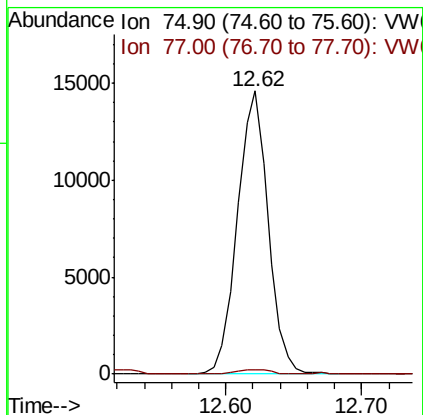
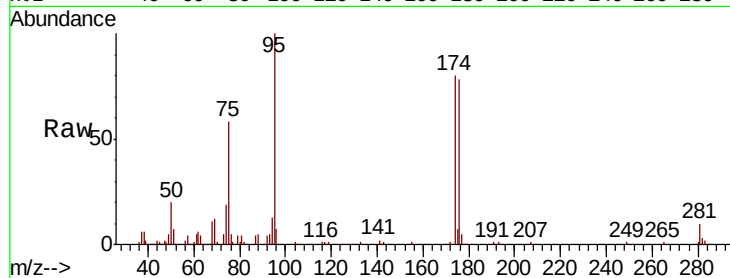
W12-7

Tgt Ion: 75 Resp: 22992

Ion Ratio Lower Upper

75 100

77 1.6 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.375 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008112.D

Acq: 09 Jan 2019 19:17

Tgt Ion: 75 Resp: 22992

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.2 35.4 53.2#

