

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008107.D
 Acq On : 09 Jan 2019 17:04
 Operator : SY/AP
 Sample : K1074-04
 Misc : 4.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-2

Quant Time: Jan 10 05:58:47 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	43536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	74853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	67234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31655	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	26218	53.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.16%	
35) Dibromofluoromethane	7.88	113	23004	52.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.38%	
50) Toluene-d8	10.32	98	92760	50.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	31421	47.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.68%	

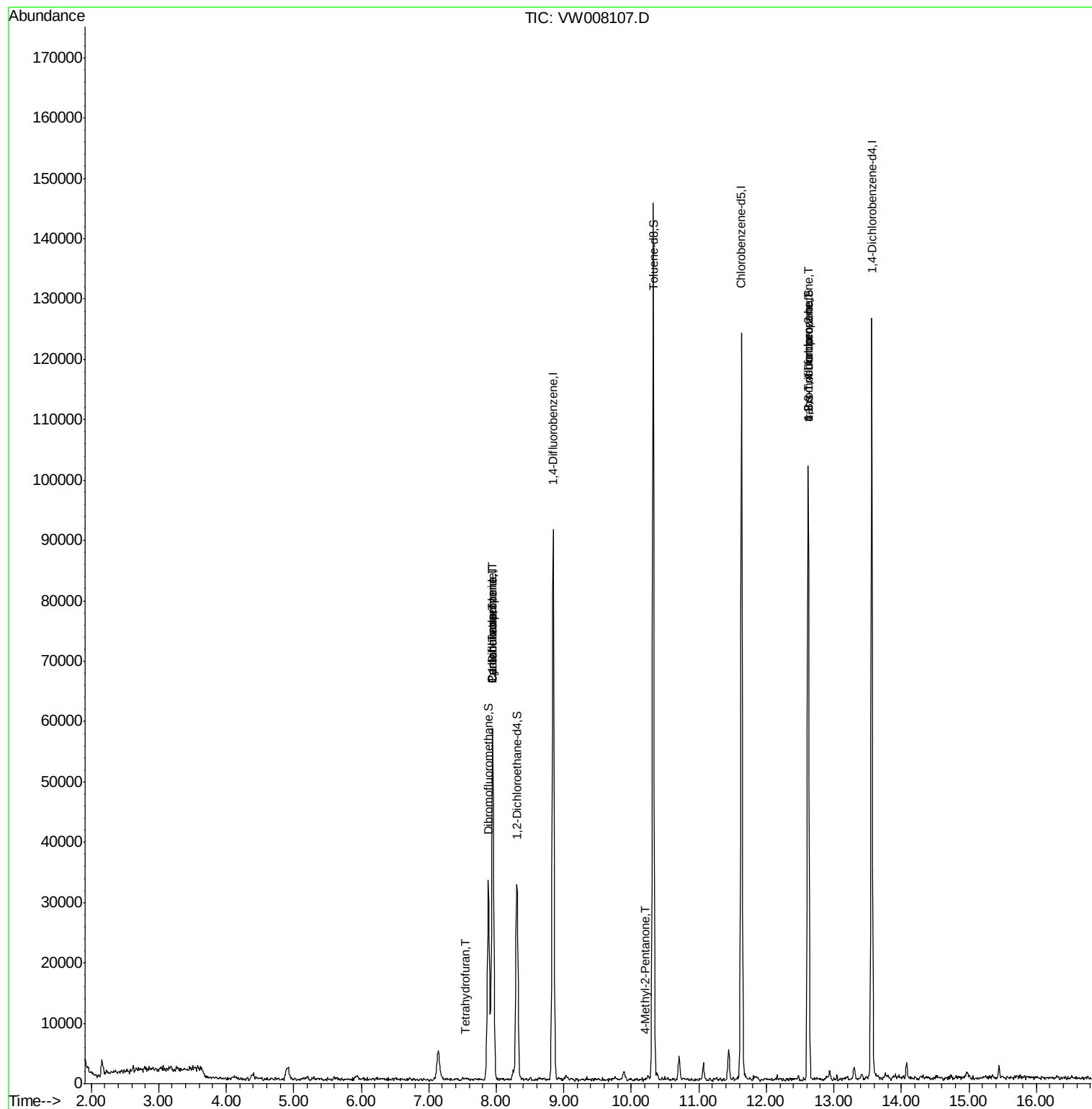
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	22	Below Cal	#	100
16) Acetone	4.14	43	1252	Below Cal	#	40
20) Methylene Chloride	4.91	84	1351	Below Cal		85
29) Tetrahydrofuran	7.54	42	214	2.353	ug/l #	52
31) Cyclohexane	7.94	56	1072	1.041	ug/l #	22
36) 1,1-Dichloropropene	7.94	75	3396	4.404	ug/l #	53
38) Carbon Tetrachloride	7.95	117	4442	6.294	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	391	1.308	ug/l #	37
76) 1,2,3-Trichloropropane	12.62	75	15825	54.839	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15825	127.704	ug/l #	10

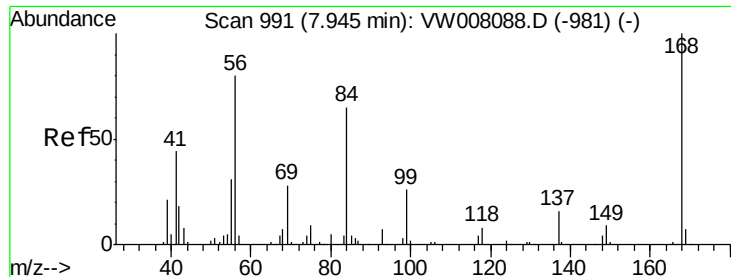
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008107.D
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Misc : 4.75G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
W12-2

Quant Time: Jan 10 05:58:47 2019
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: VW008107.D

Acq: 09 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampled :

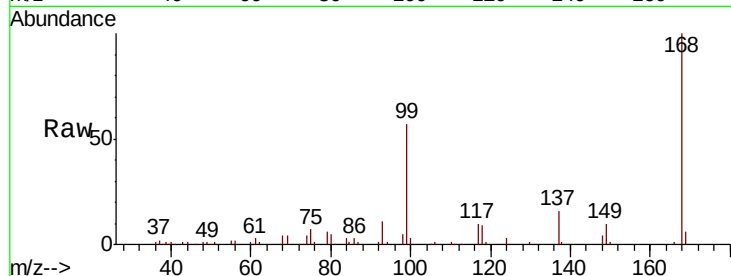
W12-2

Tgt Ion: 168 Resp: 43536

Ion Ratio Lower Upper

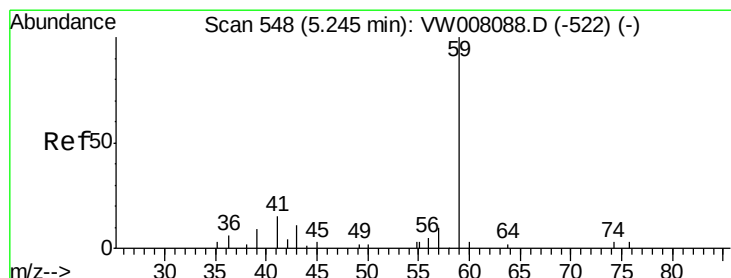
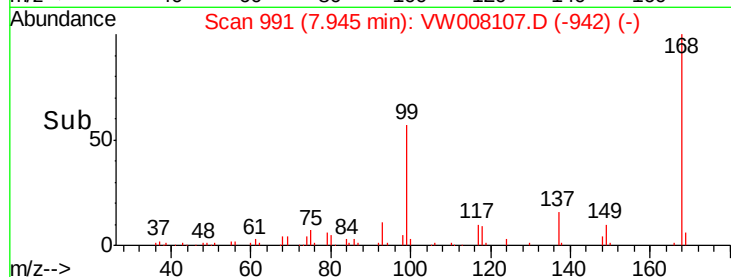
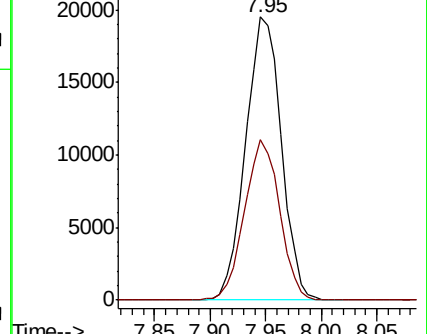
168 100

99 56.9 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: 5.23 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW008107.D

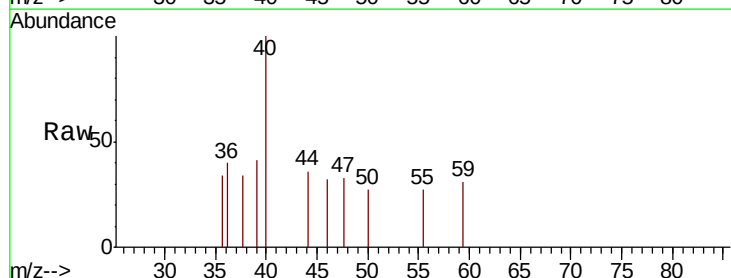
Acq: 09 Jan 2019 17:04

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

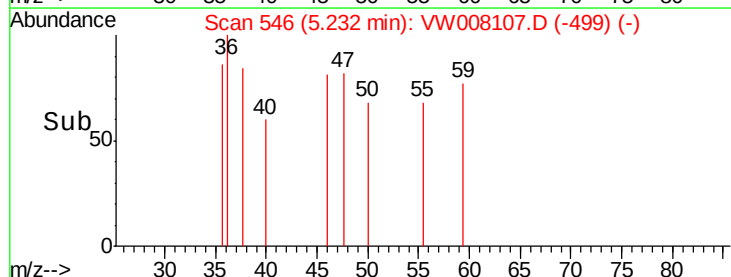
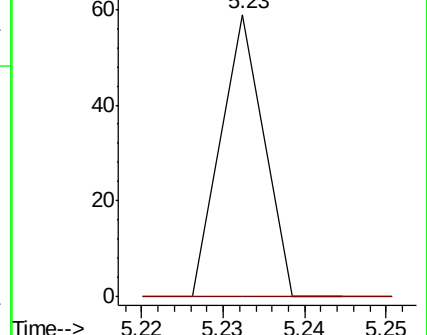
59 100

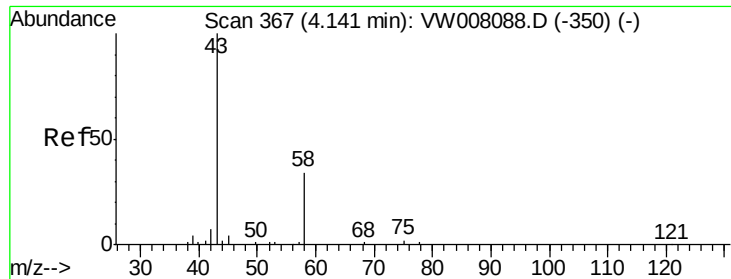
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

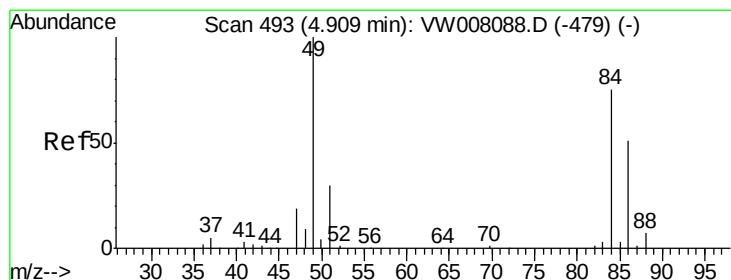
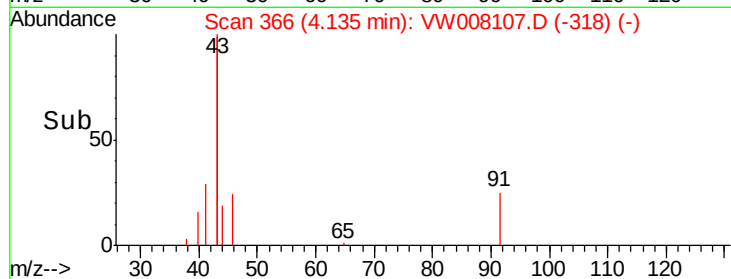
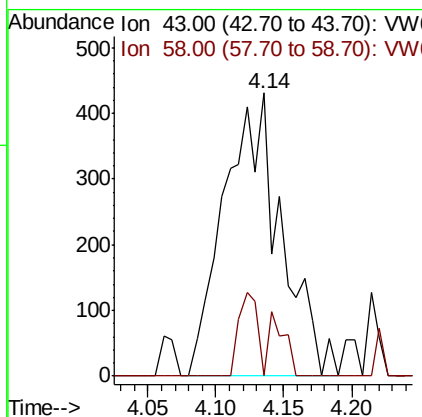
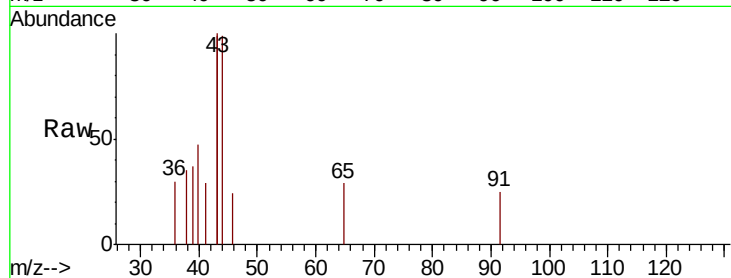




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

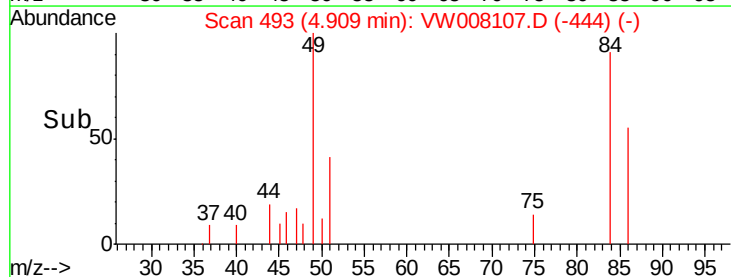
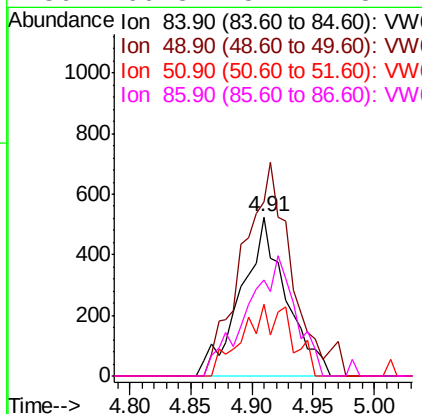
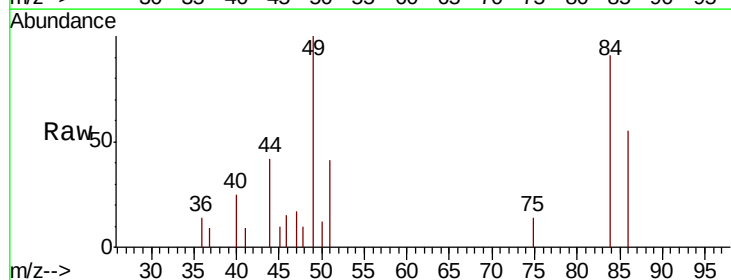
Instrument :
MSVOA_W
ClientSampled :
W12-2

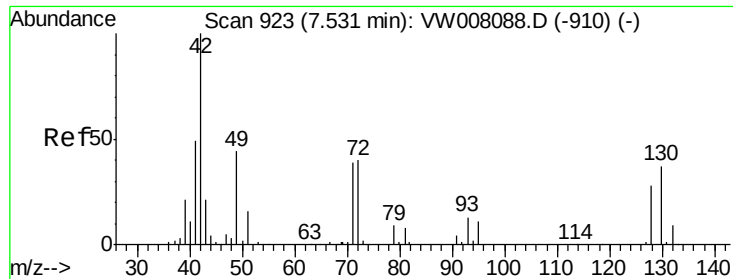
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

Tgt Ion: 84 Resp: 1351
Ion Ratio Lower Upper
84 100
49 109.7 107.1 160.7
51 45.0 32.4 48.6
86 60.3 54.2 81.4

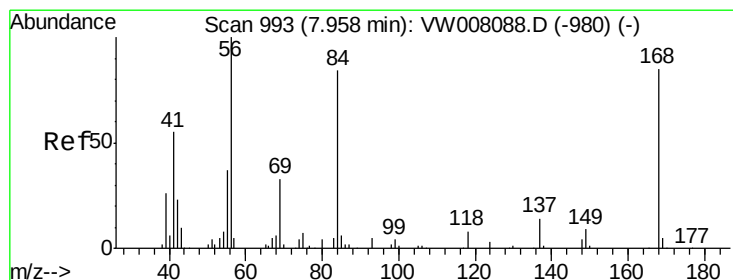
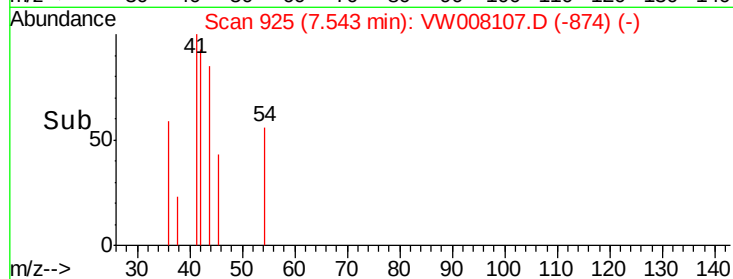
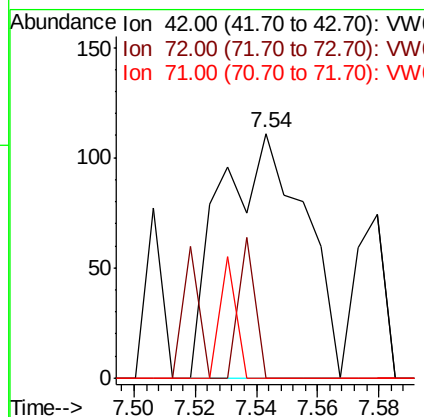
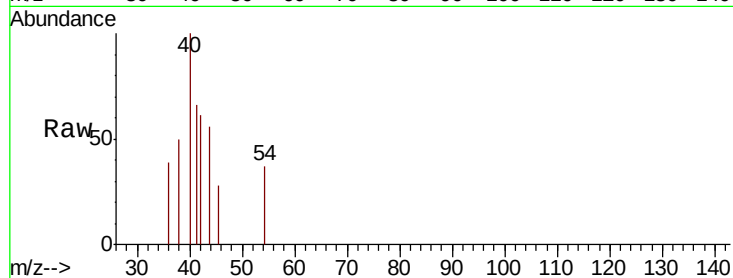




#29
Tetrahydrofuran
Concen: 2.353 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

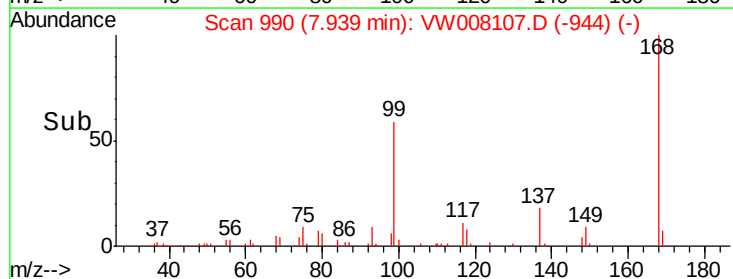
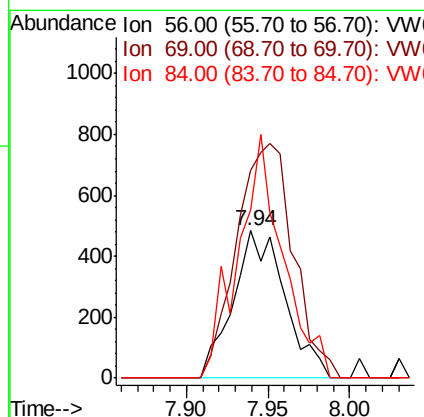
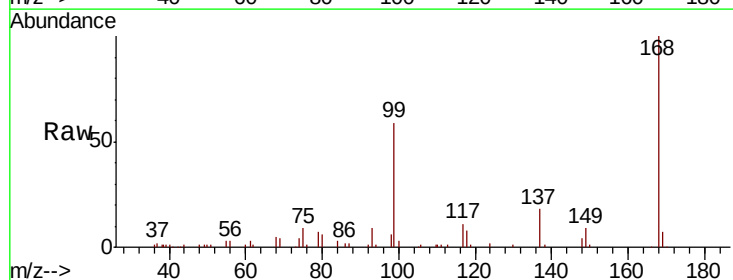
Instrument :
MSVOA_W
ClientSampled :
W12-2

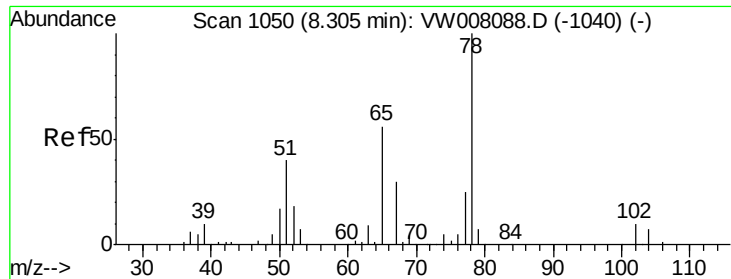
Tgt Ion: 42 Resp: 214
Ion Ratio Lower Upper
42 100
72 10.7 32.4 48.6#
71 9.3 31.3 46.9#



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

Tgt Ion: 56 Resp: 1072
Ion Ratio Lower Upper
56 100
69 141.3 26.2 39.4#
84 114.0 67.4 101.2#

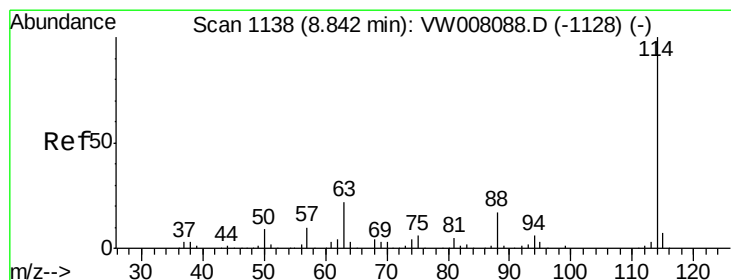
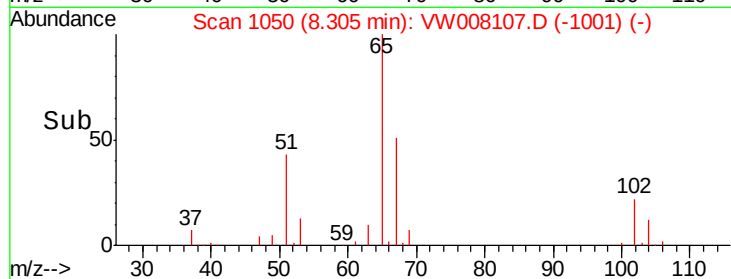
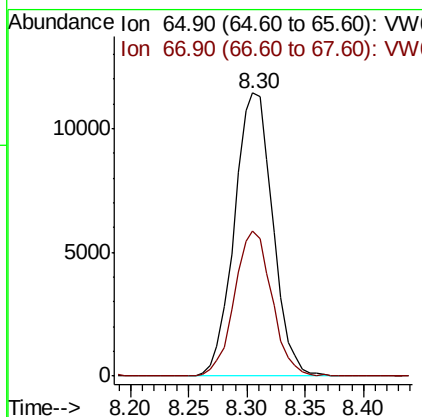
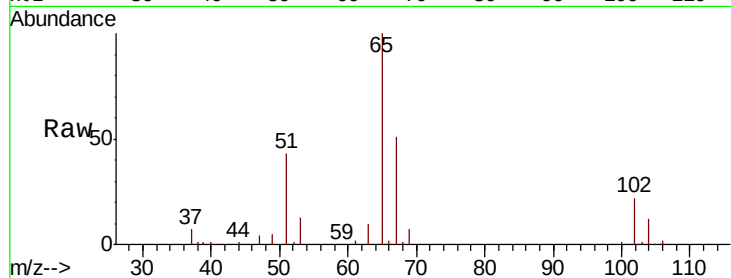




#33
 1,2-Dichloroethane-d4
 Concen: 53.582 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

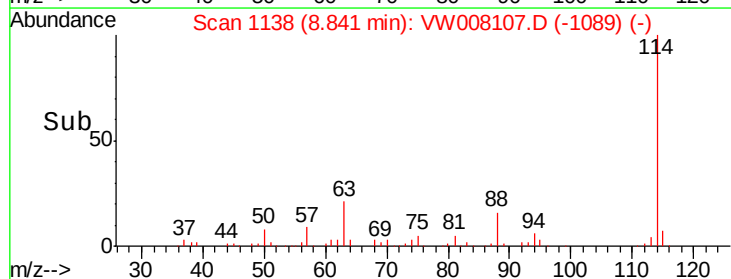
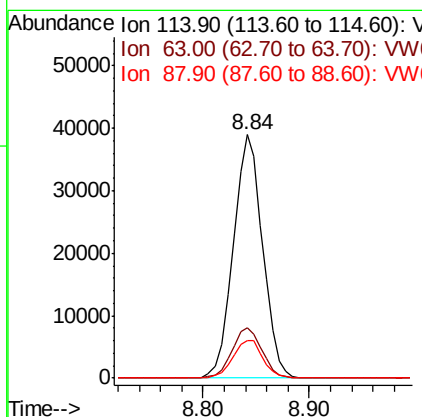
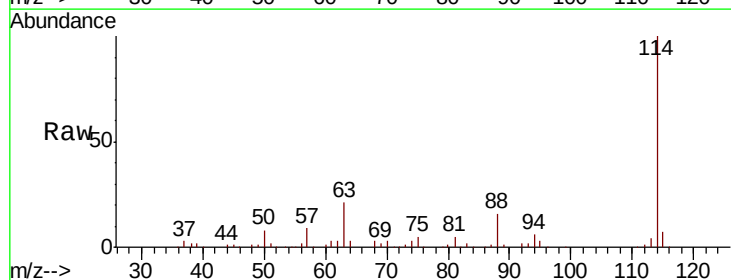
Instrument :
 MSVOA_W
 ClientSampleId :
 W12-2

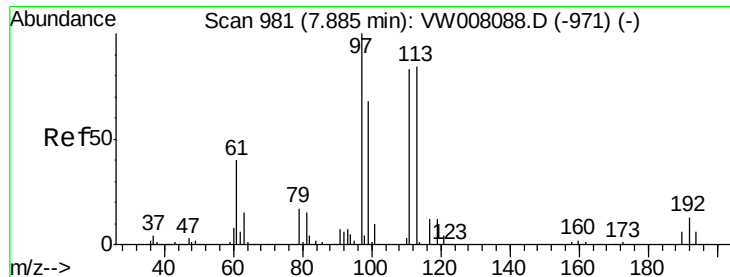
Tgt Ion: 65 Resp: 26218
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

Tgt Ion: 114 Resp: 74853
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.4
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.692 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008107.D

Acq: 09 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampled :

W12-2

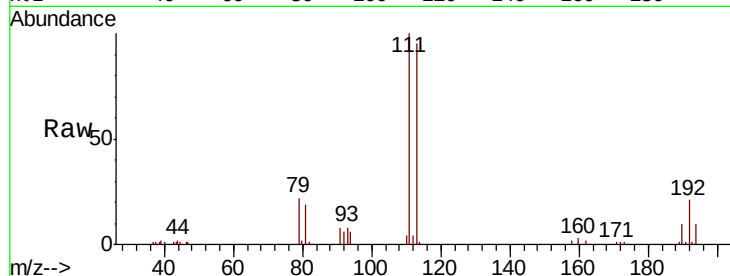
Tgt Ion:113 Resp: 23004

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

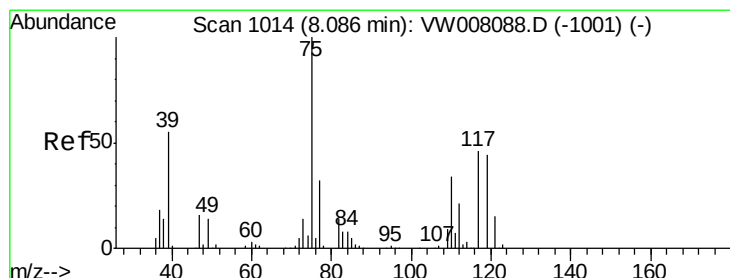
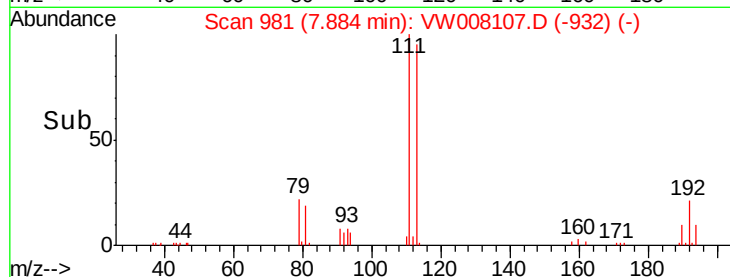
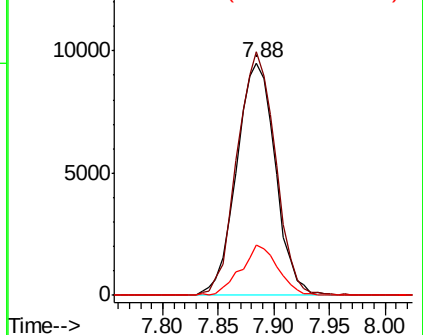
192 20.5 12.8 19.2#



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: 4.404 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.15 min

Lab File: VW008107.D

Acq: 09 Jan 2019 17:04

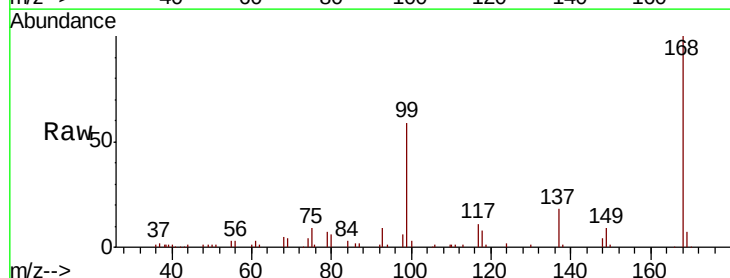
Tgt Ion: 75 Resp: 3396

Ion Ratio Lower Upper

75 100

110 13.0 17.1 51.3#

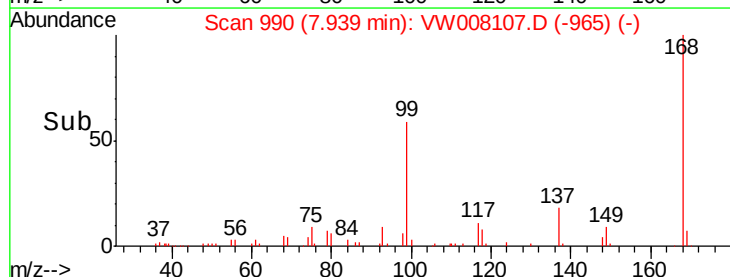
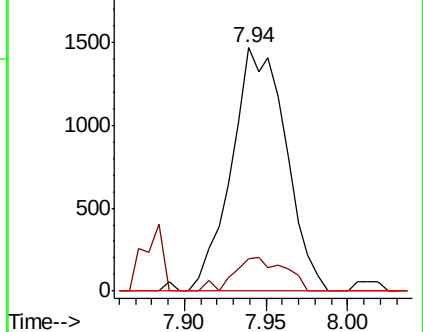
77 0.0 25.5 38.3#

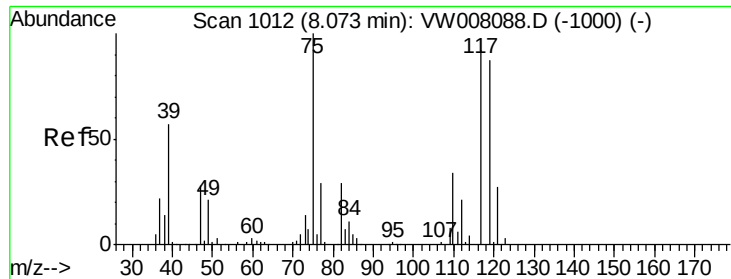


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

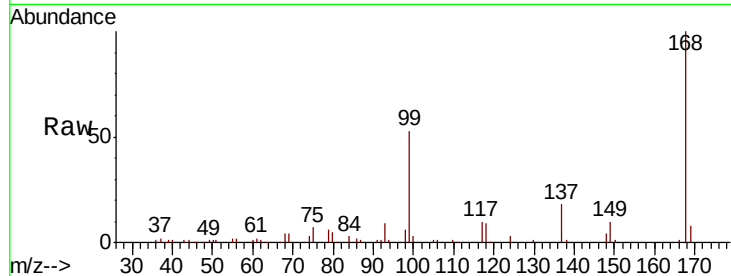




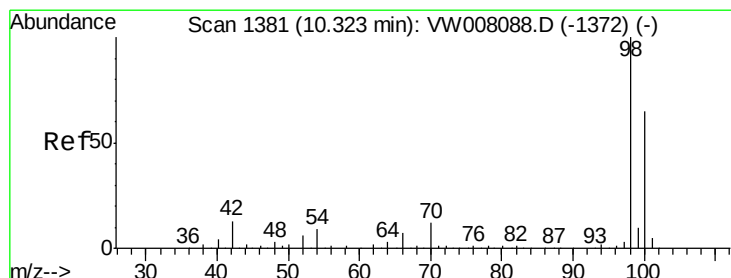
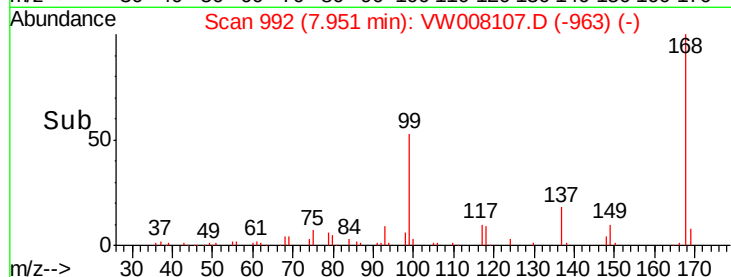
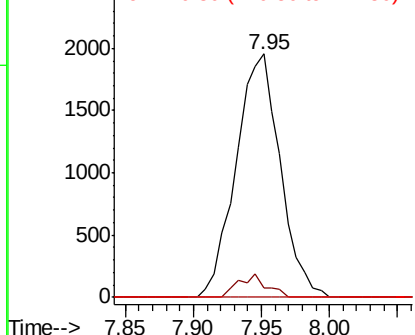
#38
Carbon Tetrachloride
Concen: 6.294 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

Instrument :
MSVOA_W
ClientSampled :
W12-2

Tgt Ion: 117 Resp: 4442
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 23.7 35.5#

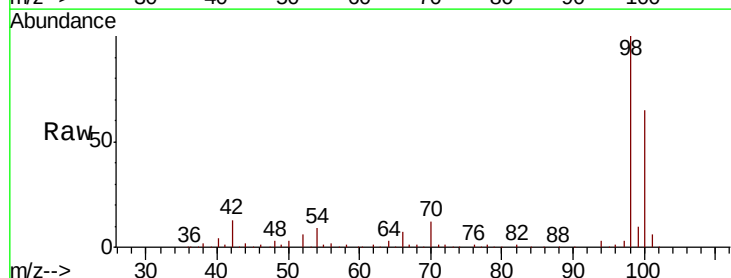


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

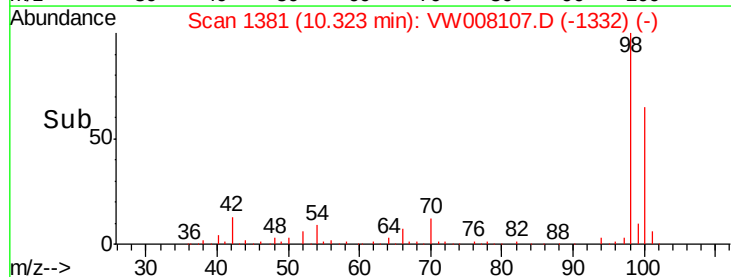
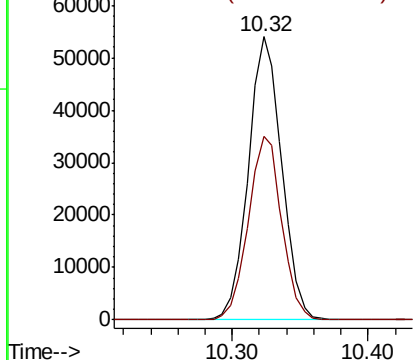


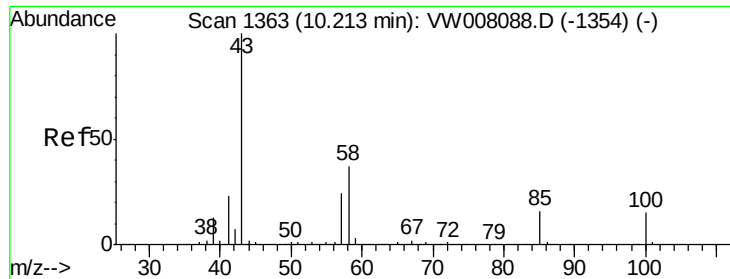
#50
Toluene-d8
Concen: 50.632 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008107.D
Acq: 09 Jan 2019 17:04

Tgt Ion: 98 Resp: 92760
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 1.308 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008107.D

Acq: 09 Jan 2019 17:04

Instrument :

MSVOA_W

ClientSampled :

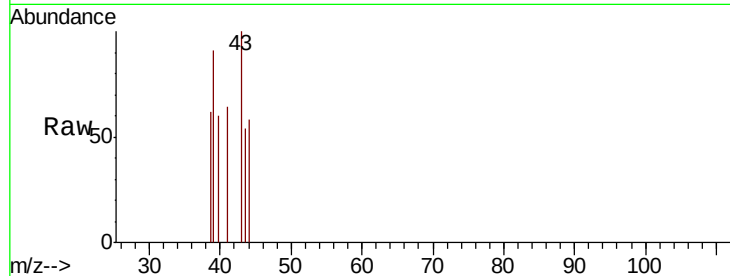
W12-2

Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

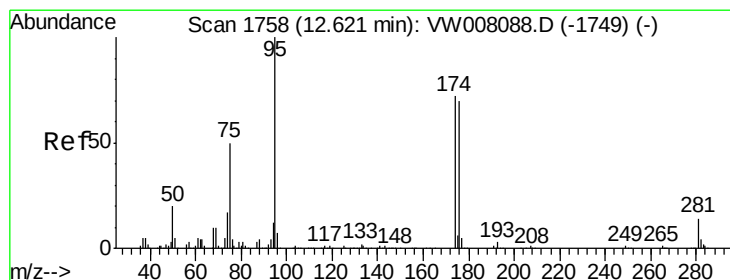
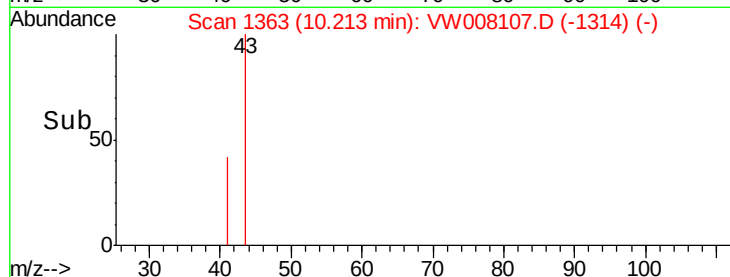
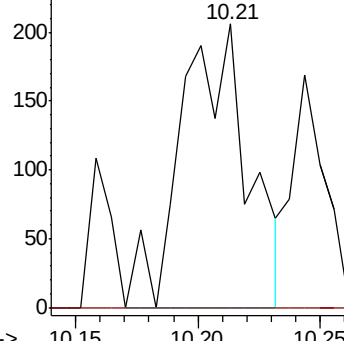
43 100

58 0.0 30.6 46.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 47.841 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008107.D

Acq: 09 Jan 2019 17:04

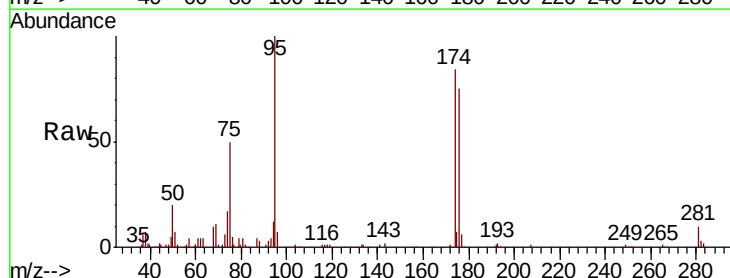
Tgt Ion: 95 Resp: 31421

Ion Ratio Lower Upper

95 100

174 80.3 0.0 143.0

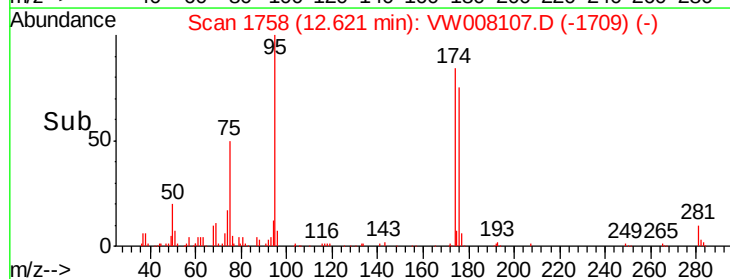
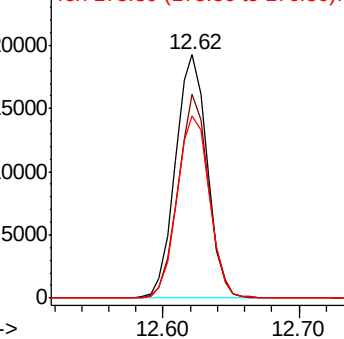
176 76.7 0.0 140.2

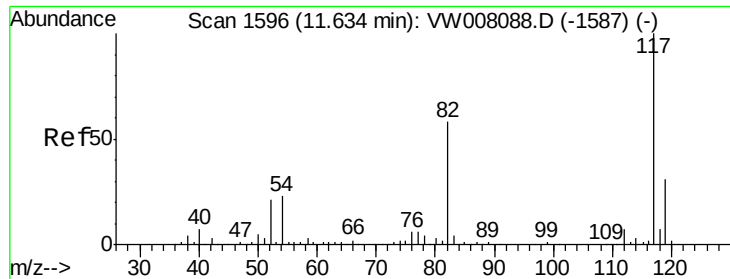


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

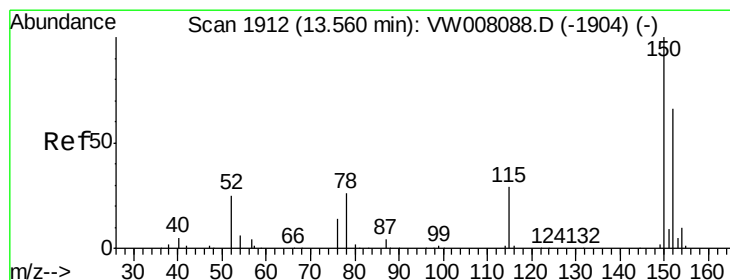
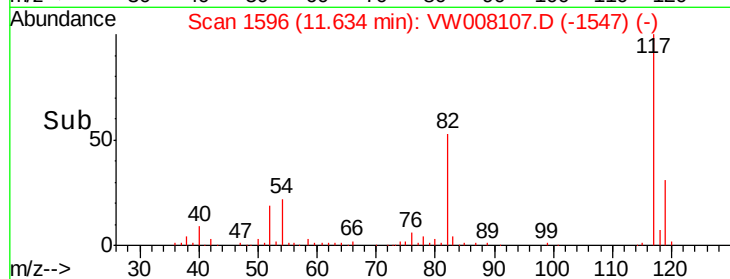
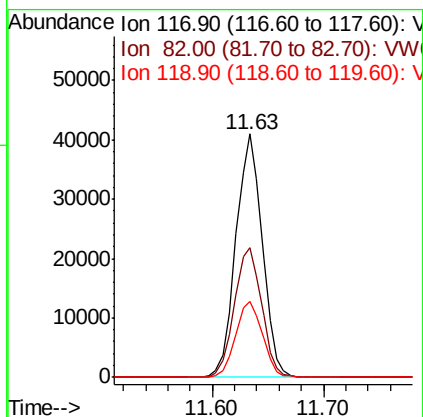
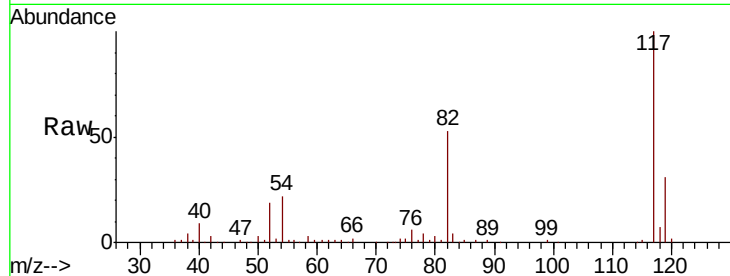




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

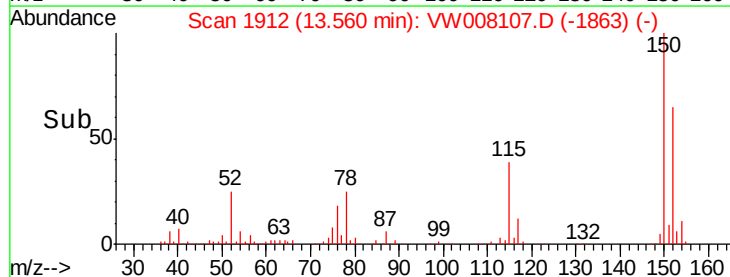
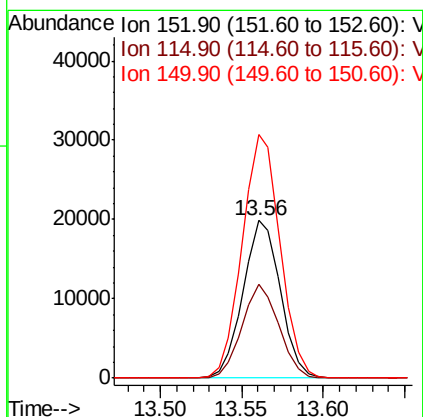
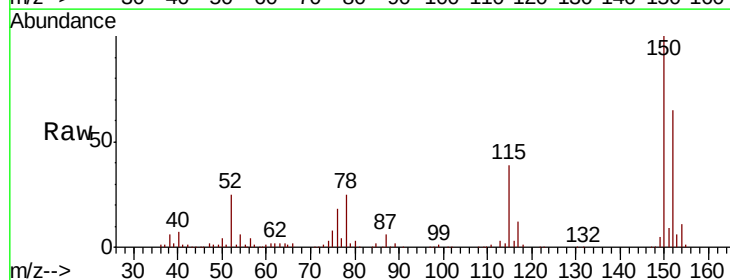
Instrument :
 MSVOA_W
 ClientSampled :
 W12-2

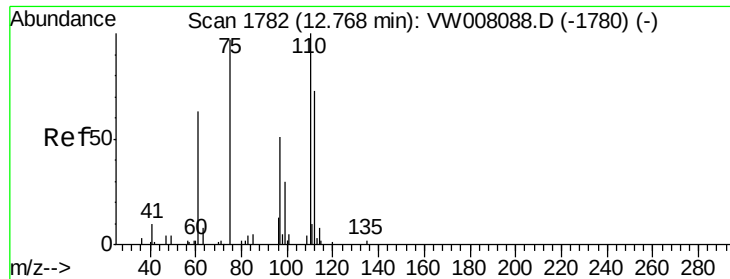
Tgt Ion:117 Resp: 67234
 Ion Ratio Lower Upper
 117 100
 82 53.2 46.4 69.6
 119 31.2 24.7 37.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

Tgt Ion:152 Resp: 31655
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.8 92.4
 150 156.9 0.0 350.2

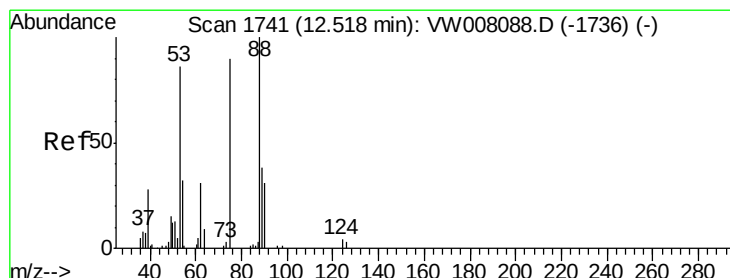
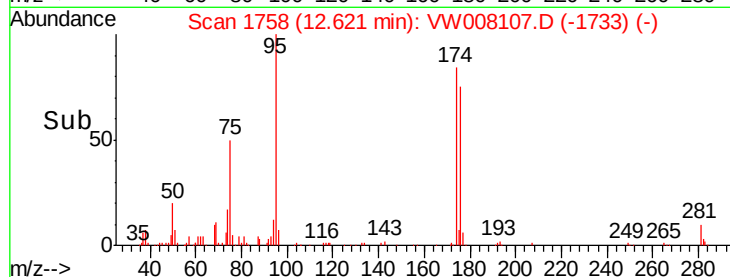
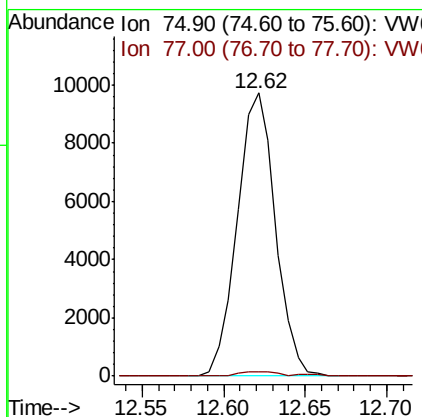
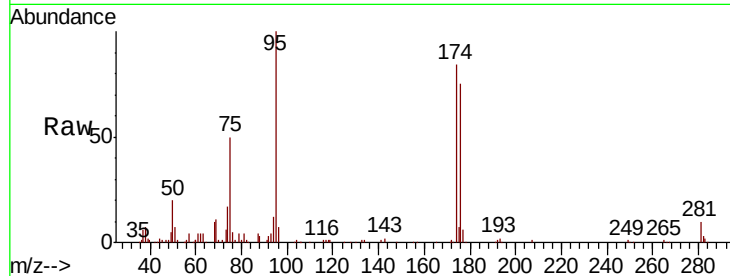




#76
 1,2,3-Trichloropropane
 Concen: 54.839 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

Instrument :
 MSVOA_W
 ClientSampled :
 W12-2

Tgt Ion: 75 Resp: 15825
 Ion Ratio Lower Upper
 75 100
 77 1.5 179.4 538.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.704 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008107.D
 Acq: 09 Jan 2019 17:04

Tgt Ion: 75 Resp: 15825
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.8 118.2#
 89 0.1 35.4 53.2#

