

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007126.D
 Acq On : 28 Nov 2018 20:38
 Operator : VAY/AP
 Sample : J5767-23
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-112818-D

Quant Time: Nov 29 04:38:30 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	7.96	168	14323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	22314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	18003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6019	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	7238	51.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.24%	
35) Dibromofluoromethane	7.90	113	6446	51.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.30%	
50) Toluene-d8	10.33	98	23317	41.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.80%	
62) 4-Bromofluorobenzene	12.62	95	7419	33.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.76%	

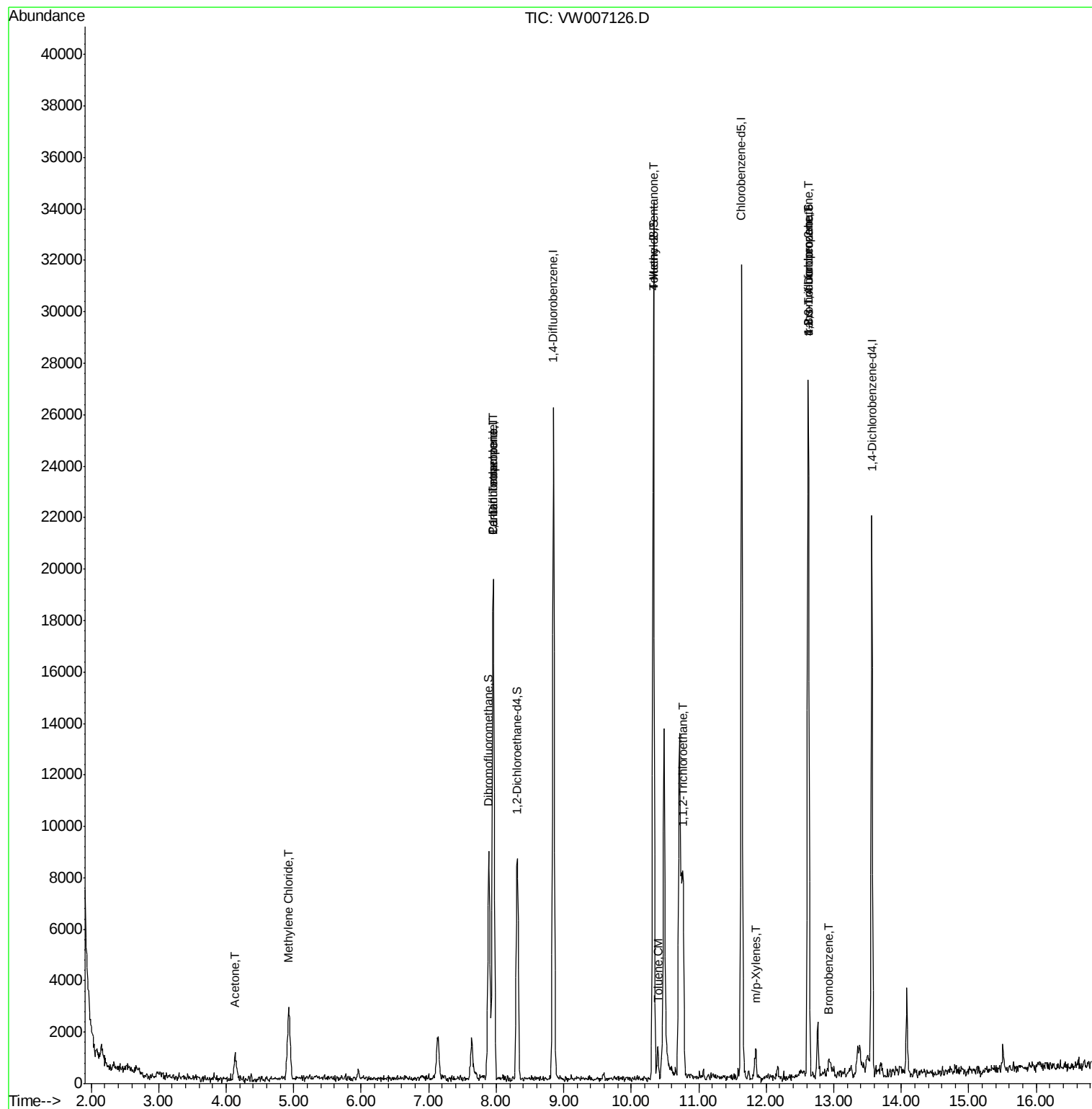
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1779	87.381	ug/l	95
20) Methylene Chloride	4.93	84	2306	9.880	ug/l	96
36) 1,1-Dichloropropene	7.96	75	1108	5.081	ug/l #	44
38) Carbon Tetrachloride	7.95	117	1310	6.274	ug/l #	13
51) 4-Methyl-2-Pentanone	10.32	43	135	1.774	ug/l #	1
52) Toluene	10.39	92	705	1.760	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	192	1.796	ug/l #	15
68) m/p-Xylenes	11.84	106	415	1.532	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	3837	81.126	ug/l #	100
77) Bromobenzene	12.92	156	769	7.654	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	3837	203.674	ug/l #	10

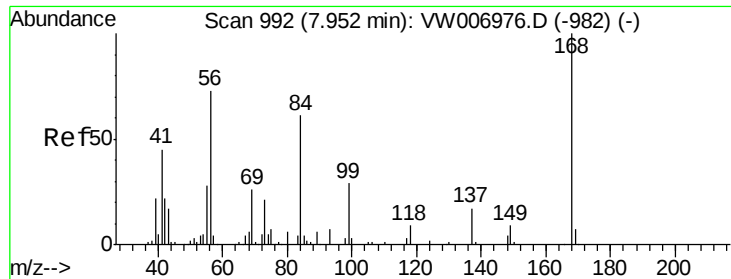
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

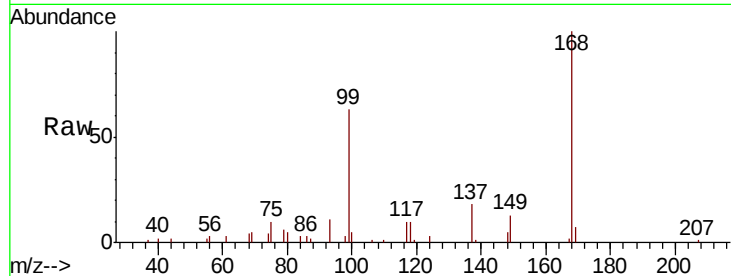
CL-02-112818-D

Tot Ion:168 Resp: 14323

Ion Ratio Lower Upper

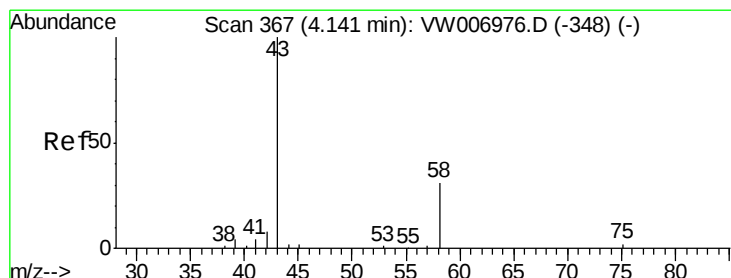
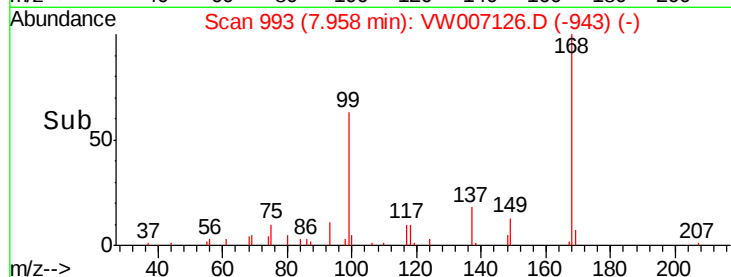
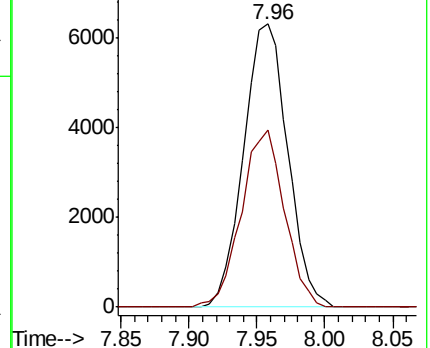
168 100

99 62.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 87.381 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007126.D

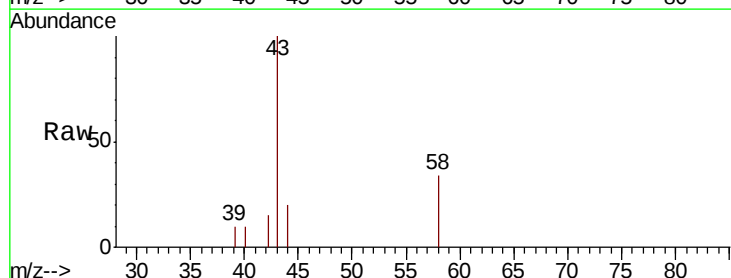
Acq: 28 Nov 2018 20:38

Tgt Ion: 43 Resp: 1779

Ion Ratio Lower Upper

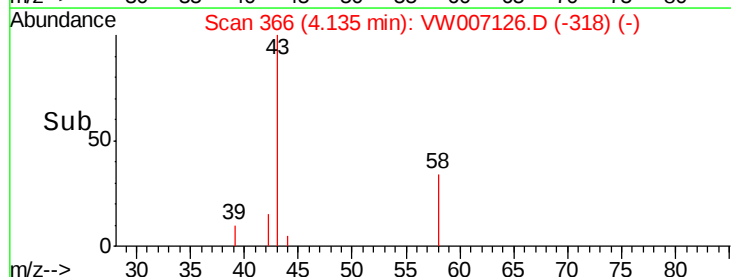
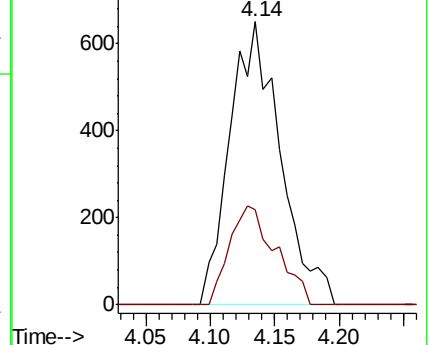
43 100

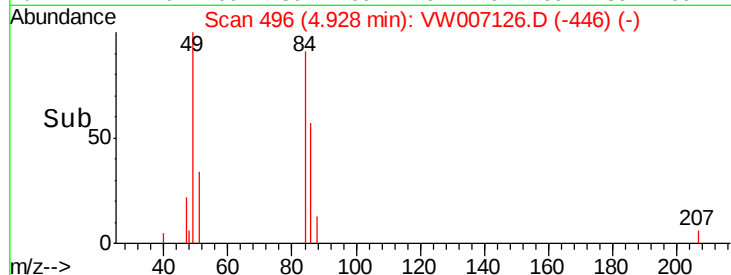
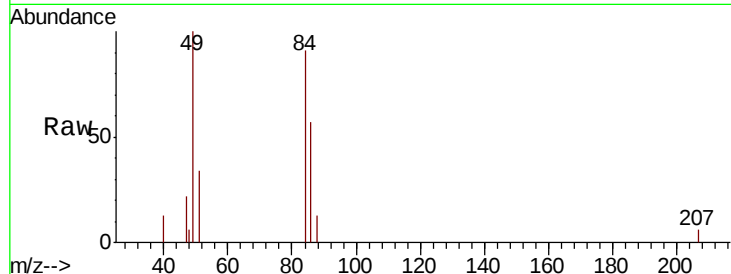
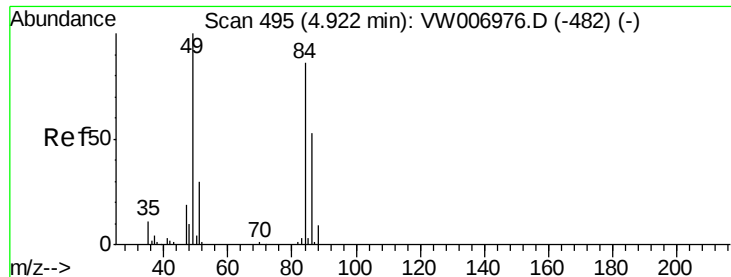
58 33.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

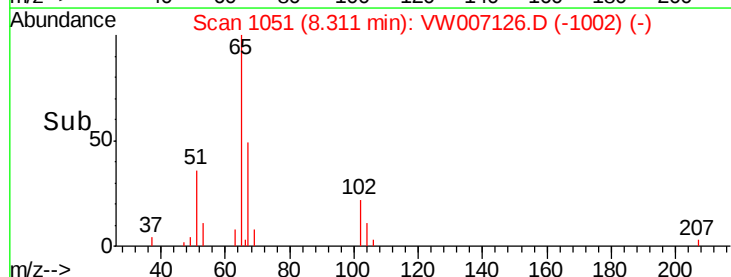
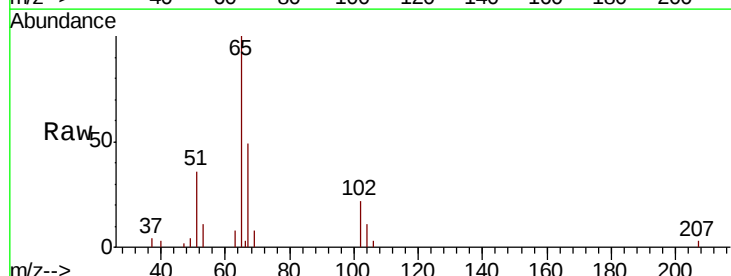
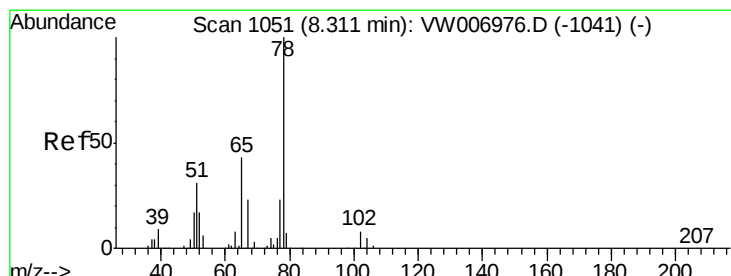
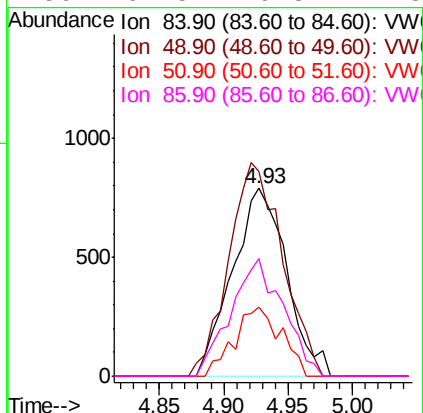




#20
Methvlene Chloride
Concen: 9.880 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

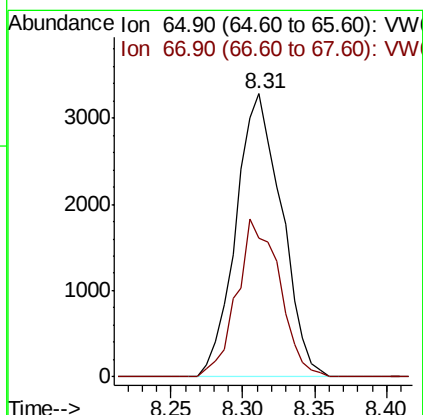
Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-D

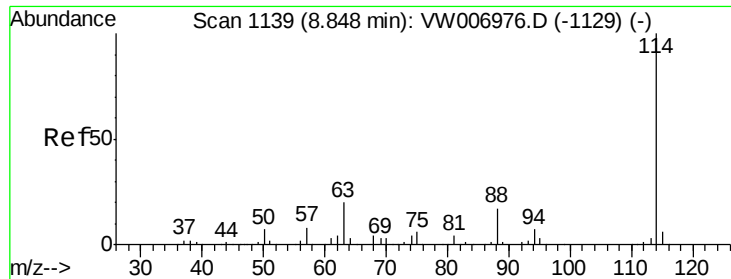
Tot Ion: 84 Resp: 2306
Ion Ratio Lower Upper
84 100
49 109.4 93.4 140.0
51 37.0 28.4 42.6
86 62.5 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 51.617 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

Tgt Ion: 65 Resp: 7238
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

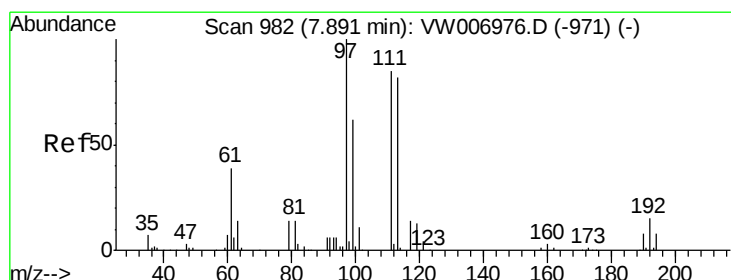
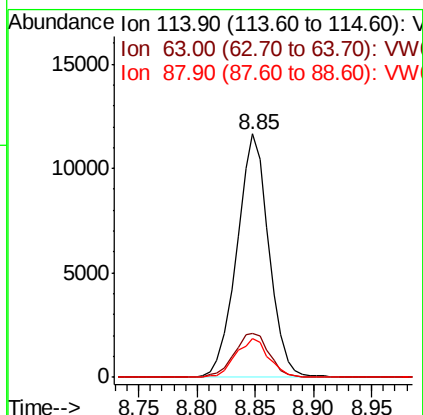
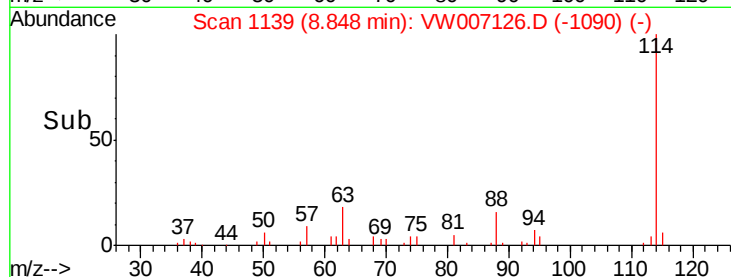
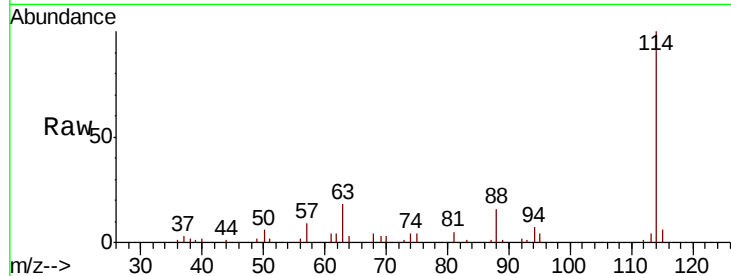




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

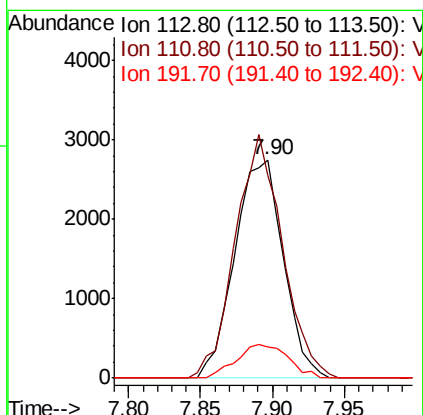
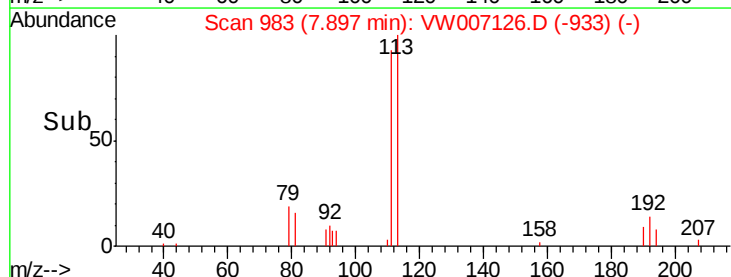
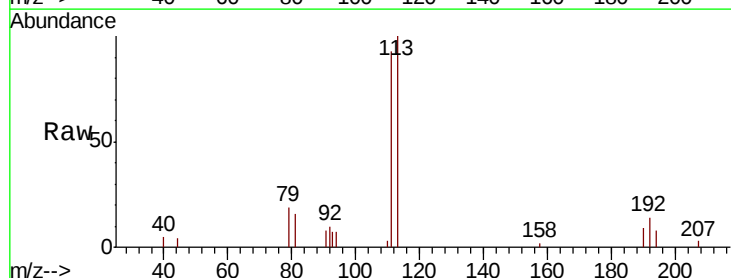
Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-D

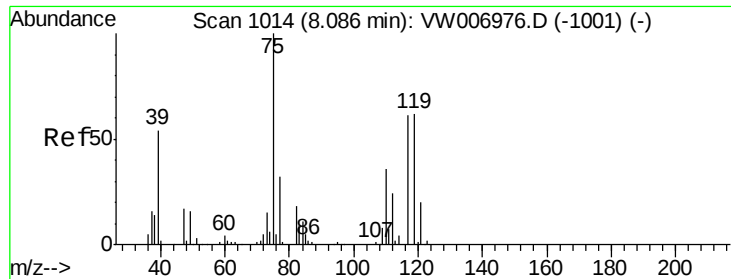
Tot Ion:114 Resp: 22314
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.4
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.153 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

Tgt Ion:113 Resp: 6446
Ion Ratio Lower Upper
113 100
111 108.1 81.0 121.6
192 16.4 15.0 22.6

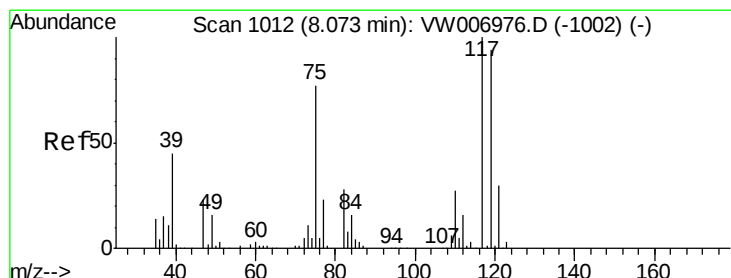
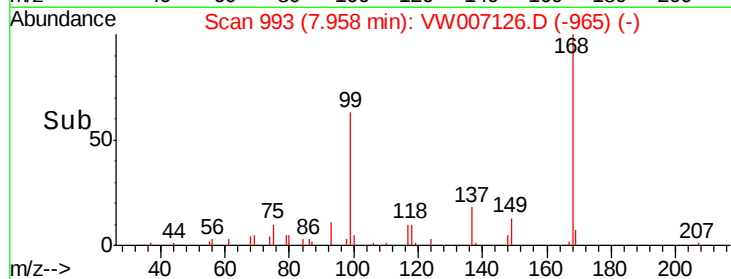
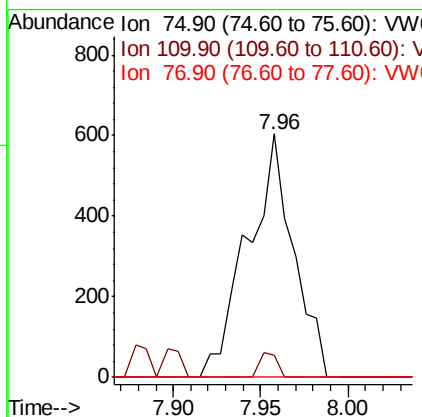
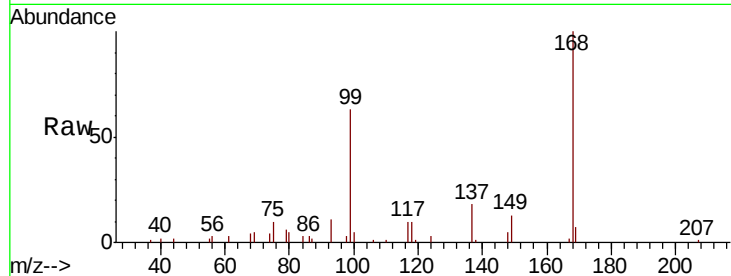




#36
 1,1-Dichloropropene
 Concen: 5.081 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007126.D
 Acq: 28 Nov 2018 20:38

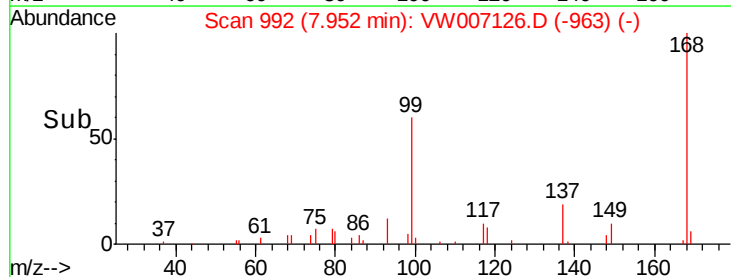
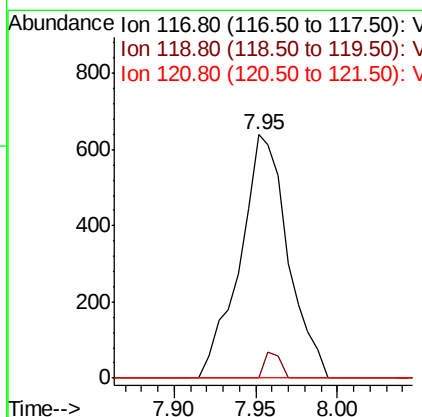
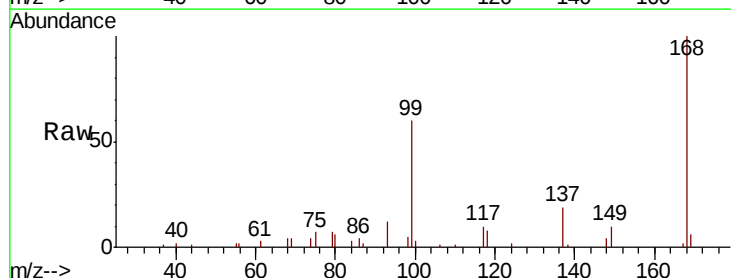
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-112818-D

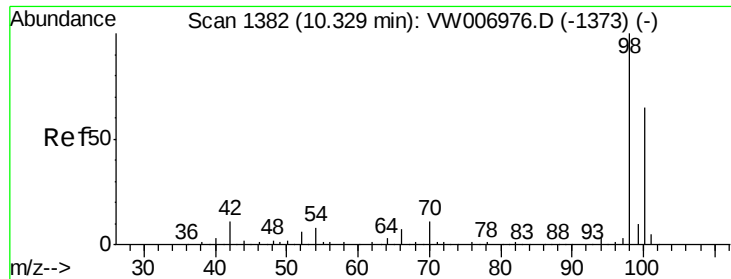
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.8	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.274 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007126.D
 Acq: 28 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 41.903 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

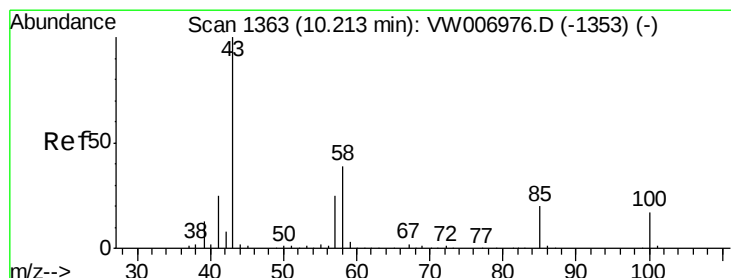
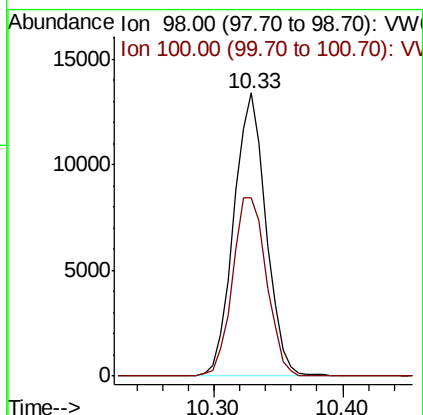
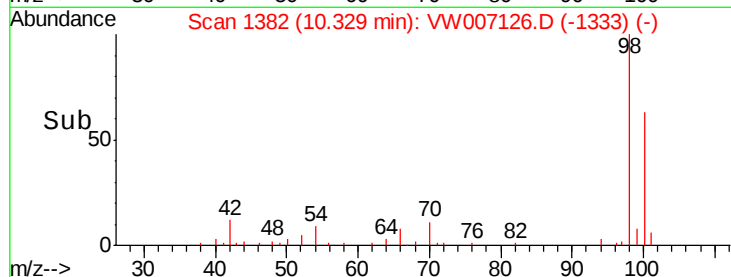
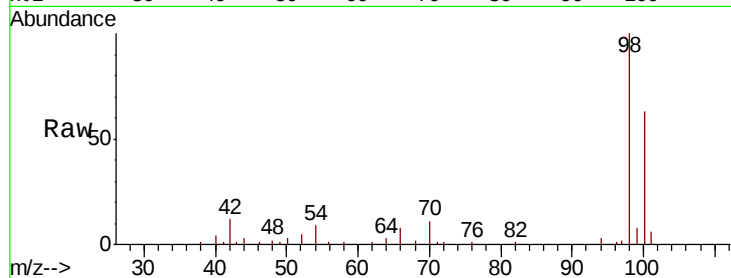
CL-02-112818-D

Tot Ion: 98 Resp: 23317

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.774 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007126.D

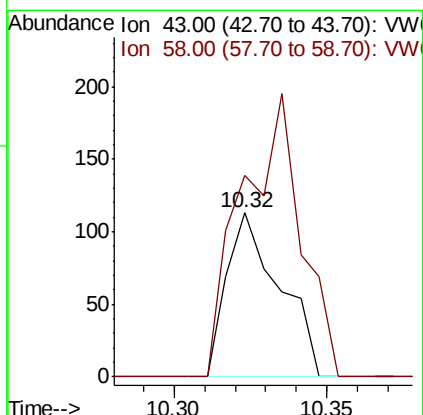
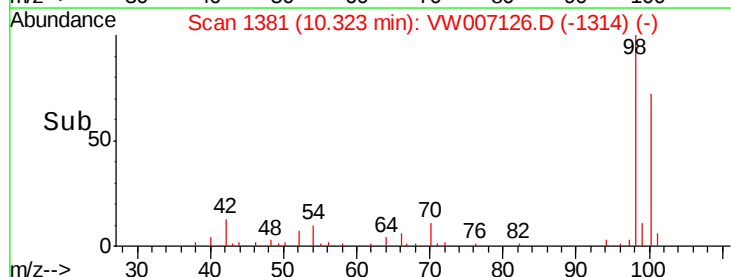
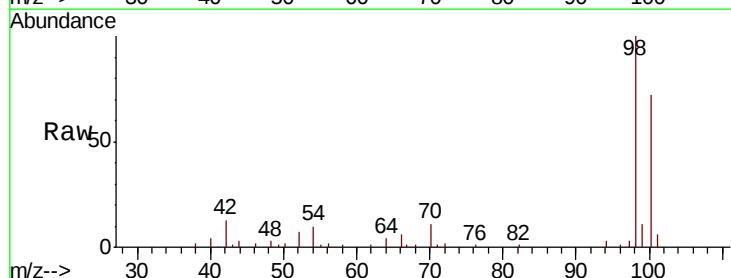
Acq: 28 Nov 2018 20:38

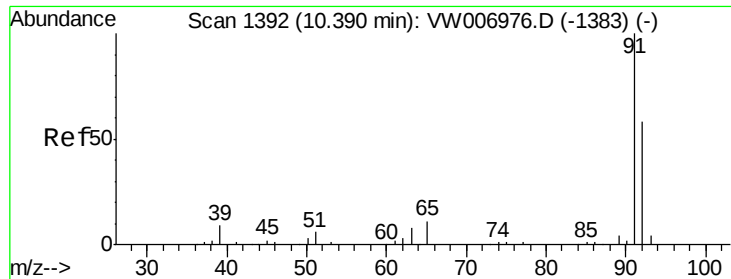
Tgt Ion: 43 Resp: 135

Ion Ratio Lower Upper

43 100

58 193.3 31.8 47.6#





#52

Toluene

Concen: 1.760 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

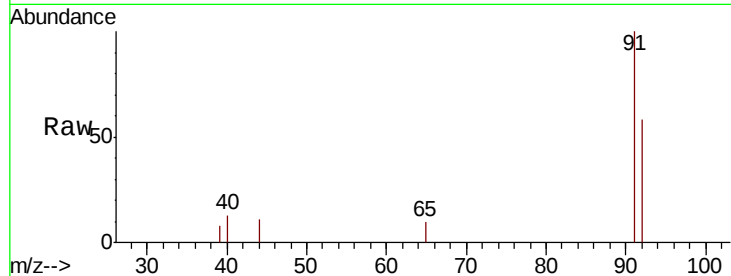
CL-02-112818-D

Tot Ion: 92 Resp: 705

Ion Ratio Lower Upper

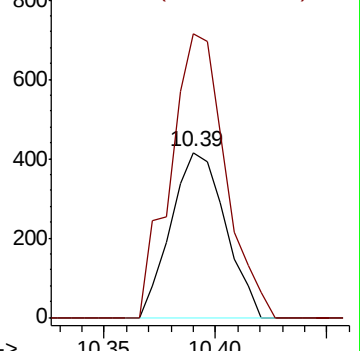
92 100

91 174.0 137.3 205.9

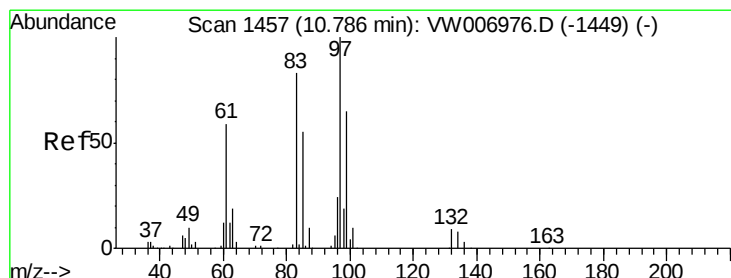
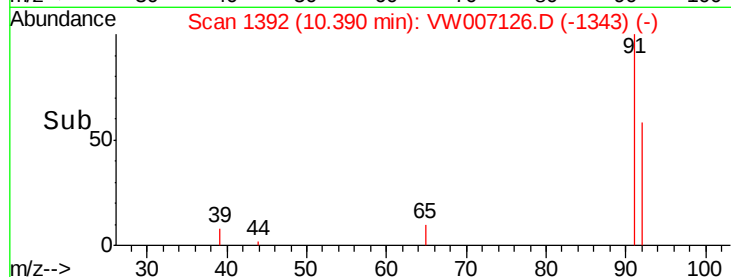


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#55

1,1,2-Trichloroethane

Concen: 1.796 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Tgt Ion: 97 Resp: 192

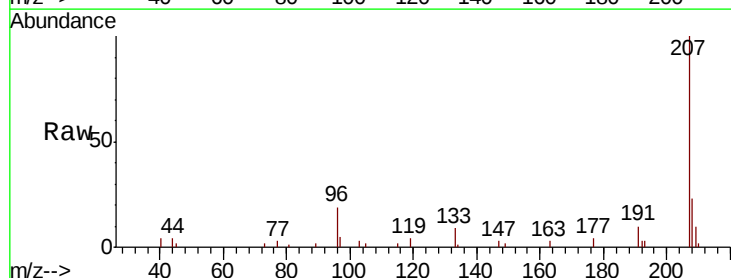
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 44.1 66.1#

99 0.0 51.7 77.5#

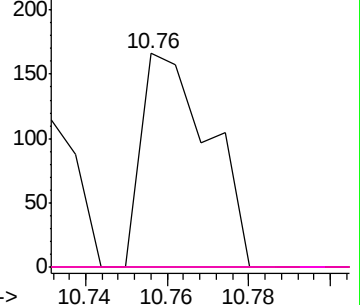


Abundance Ion 96.90 (96.60 to 97.60): VW

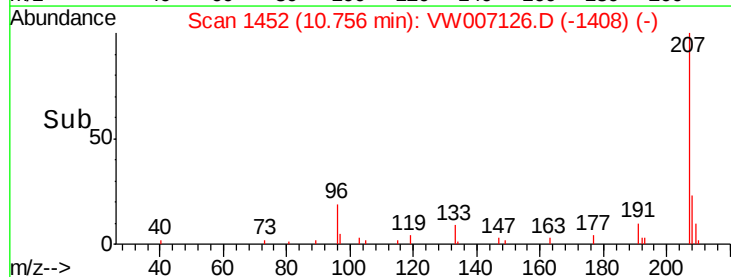
Ion 82.90 (82.60 to 83.60): VW

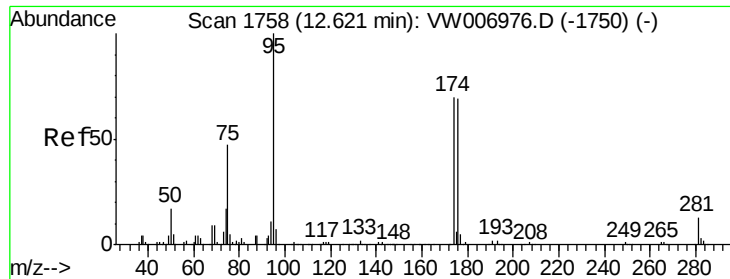
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->

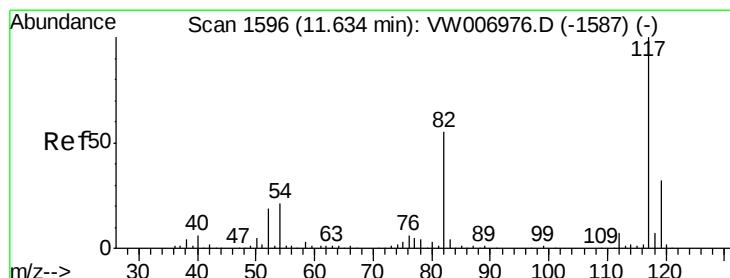
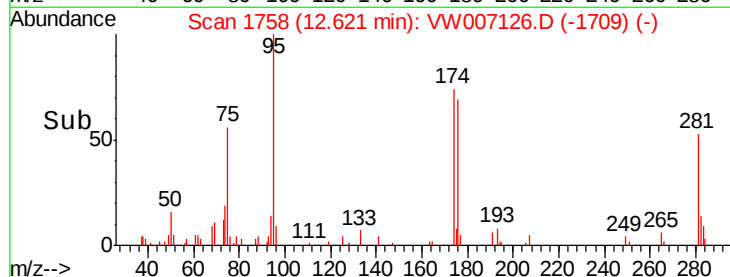
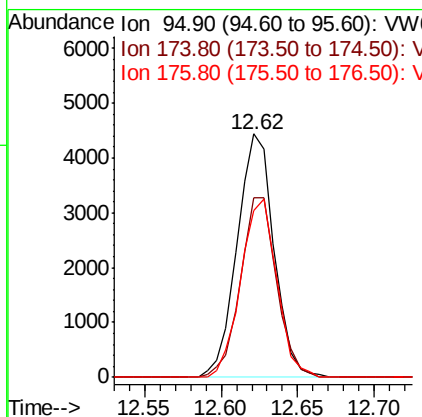
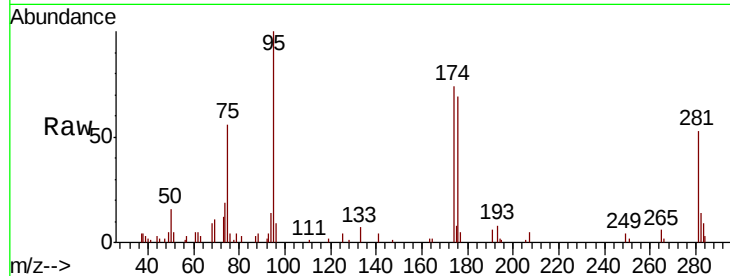




#62
4-Bromofluorobenzene
Concen: 33.881 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

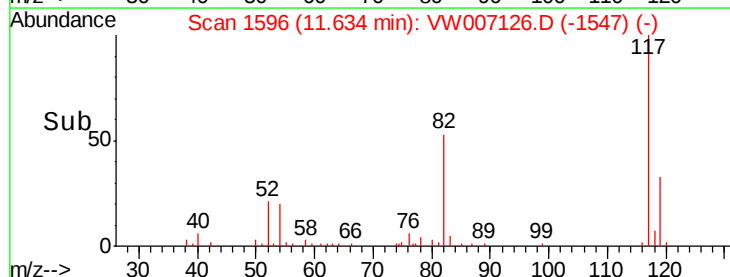
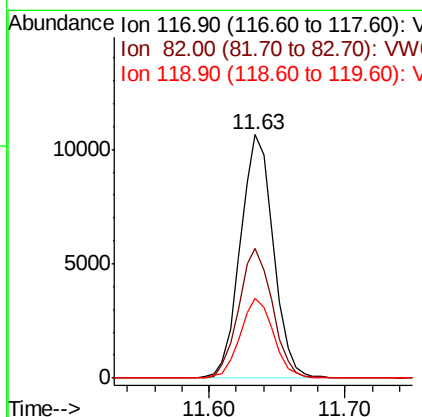
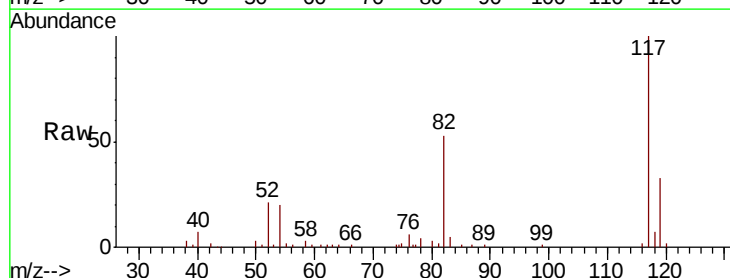
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MSVOA_W
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CL-02-112818-D

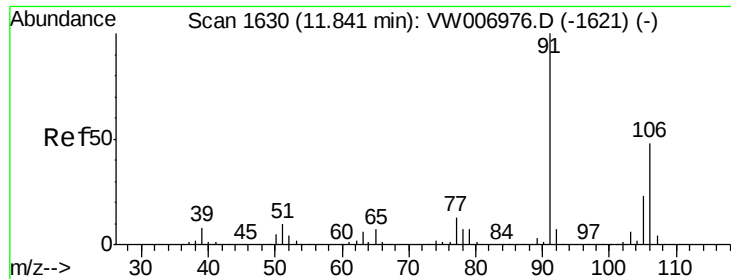
Tot Ion: 95 Resp: 7419
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.6
176 71.7 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

Tgt Ion: 117 Resp: 18003
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.9 25.9 38.9

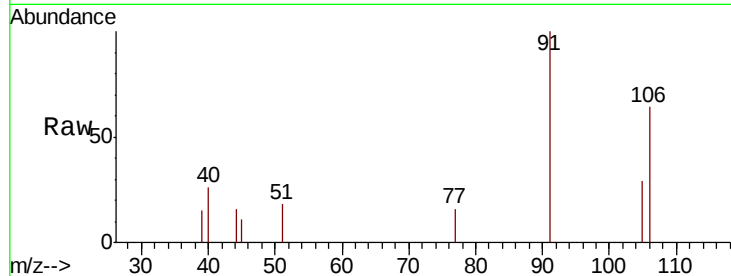




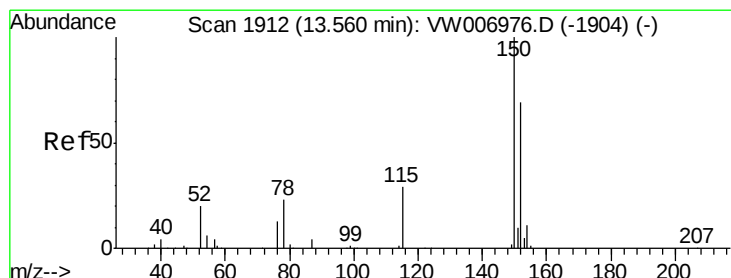
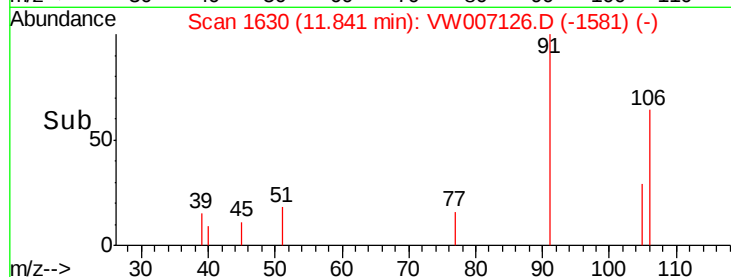
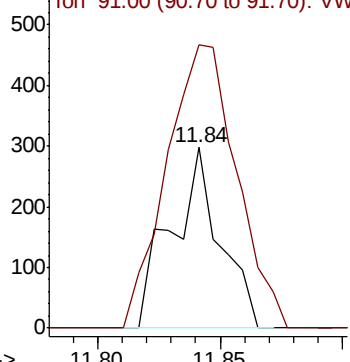
#68
m/p-Xvlenes
Concen: 1.532 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-D

Tot Ion:106 Resp: 415
Ion Ratio Lower Upper
106 100
91 224.1 164.8 247.2

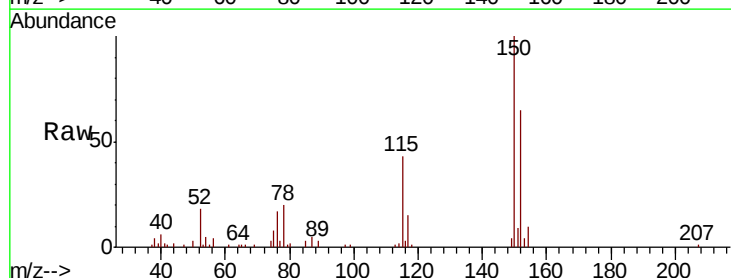


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

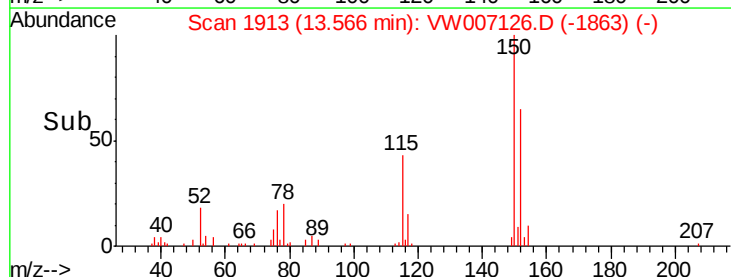
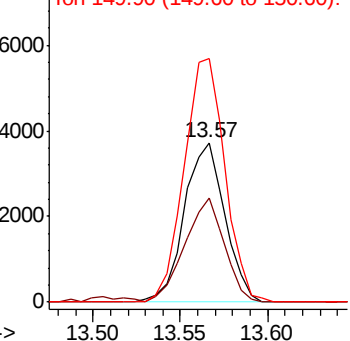


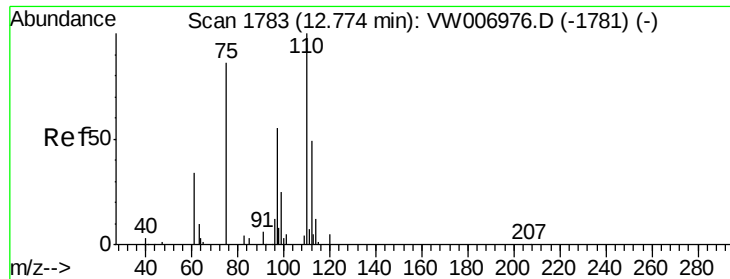
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007126.D
Acq: 28 Nov 2018 20:38

Tgt Ion:152 Resp: 6019
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.2
150 153.3 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: 81.126 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

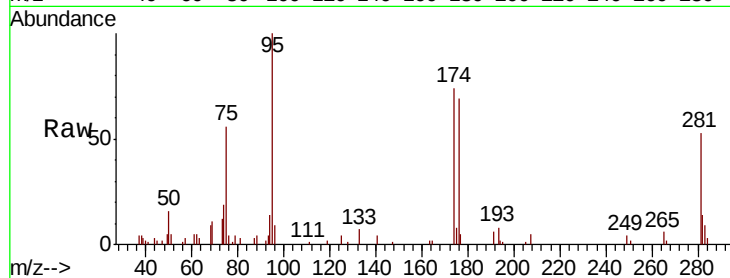
CL-02-112818-D

Tot Ion: 75 Resp: 3837

Ion Ratio Lower Upper

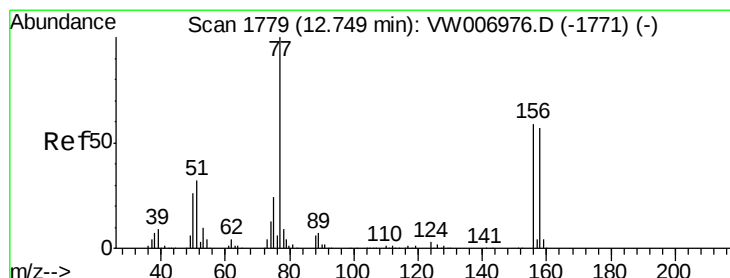
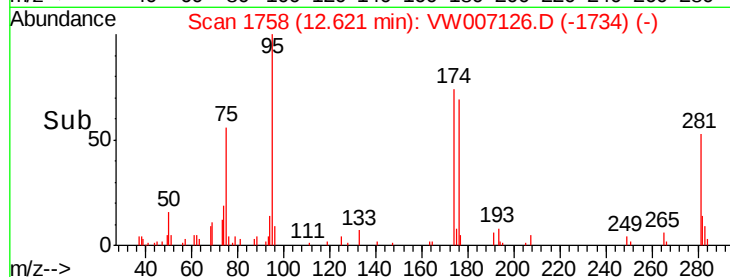
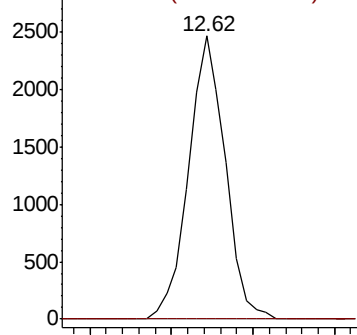
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 7.654 ug/l

RT: 12.92 min Scan# 1807

Delta R.T. 0.17 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

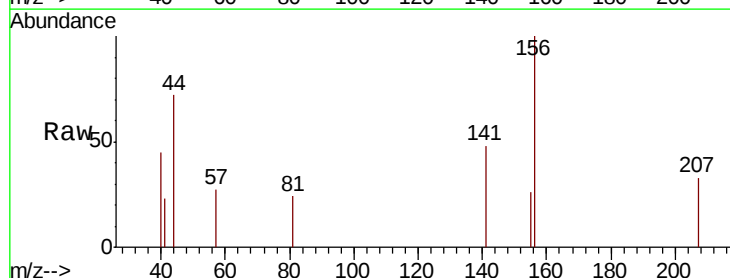
Tgt Ion: 156 Resp: 769

Ion Ratio Lower Upper

156 100

77 0.0 94.6 283.8#

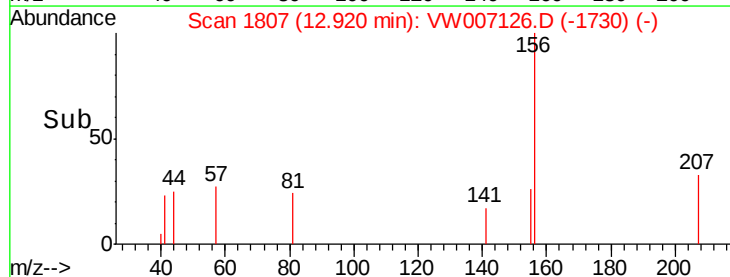
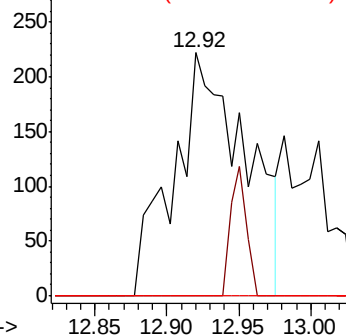
158 0.0 48.9 146.7#

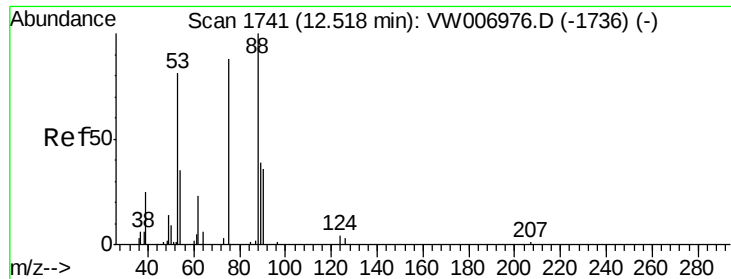


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 203.674 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007126.D

Acq: 28 Nov 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-D

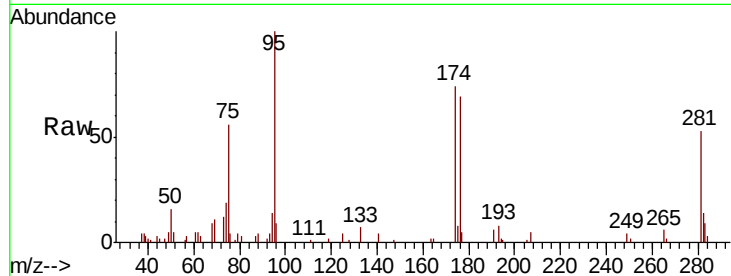
Tot Ion: 75 Resp: 3837

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 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

