

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015437.D
 Acq On : 15 May 2020 16:37
 Operator : SY/VA
 Sample : L2679-04
 Misc : 7.23G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:52:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

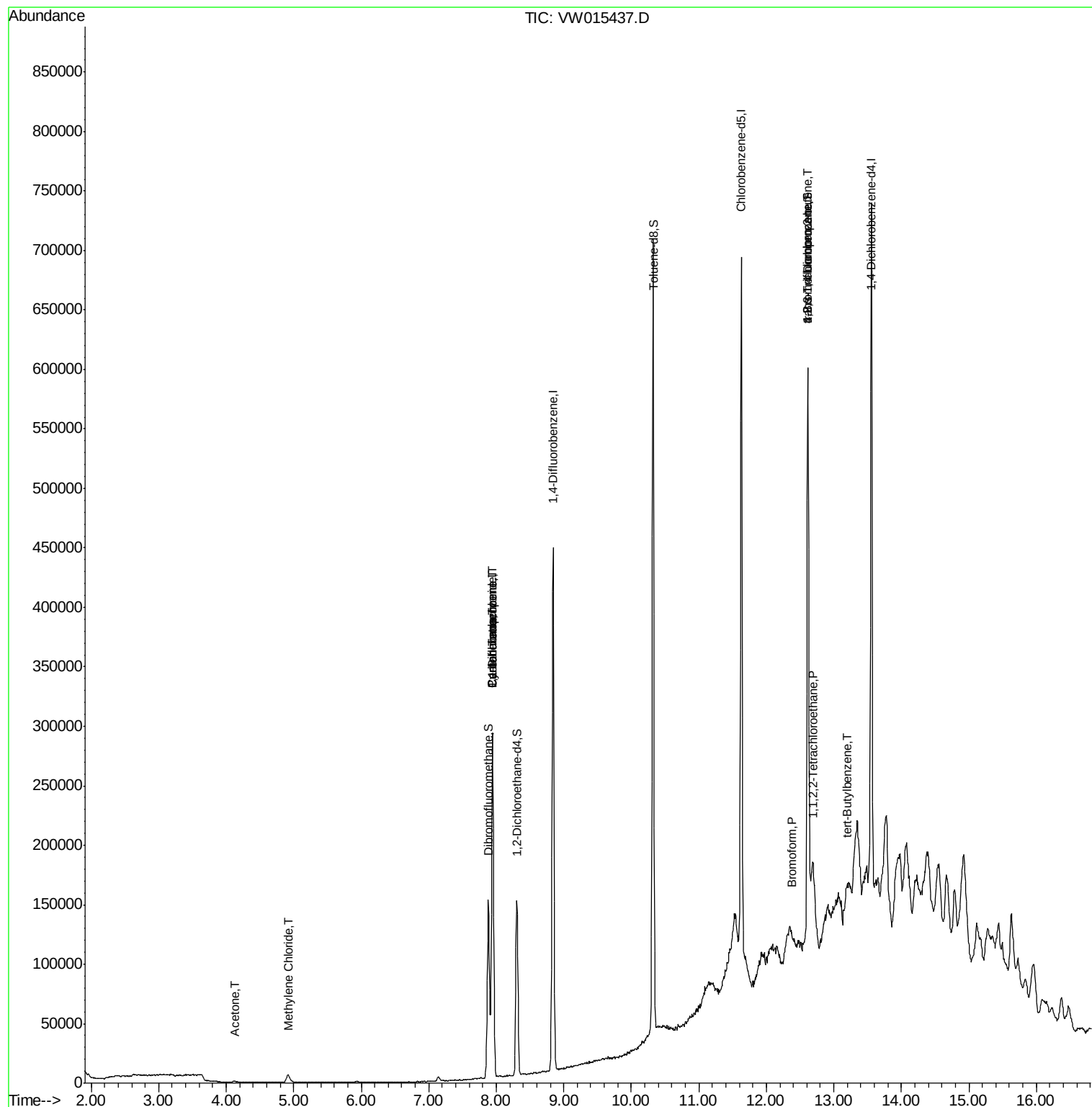
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120775	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.88	113	104973	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	10.32	98	429590	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	164784	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1852	5.138	ug/l	96
20) Methylene Chloride	4.92	84	5616	2.388	ug/l	95
31) Cyclohexane	7.95	56	5520	1.298	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	17966	5.143	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21752	6.661	ug/l #	16
71) Bromoform	12.38	173	4499	4.137	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	12.69	83	25946	14.445	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	82461	65.174	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82461	128.916	ug/l #	9
83) tert-Butylbenzene	13.20	119	15483	1.876	ug/l #	36

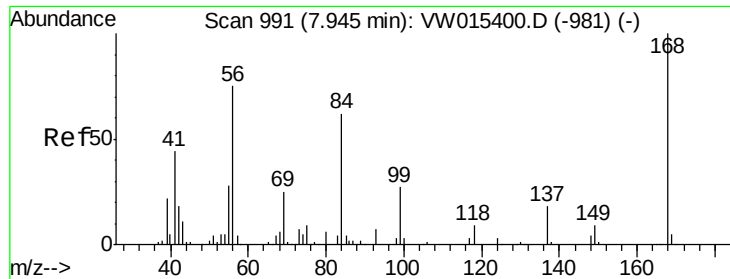
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 18:41:17 2020
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: VW015437.D

Acq: 15 May 2020 16:37

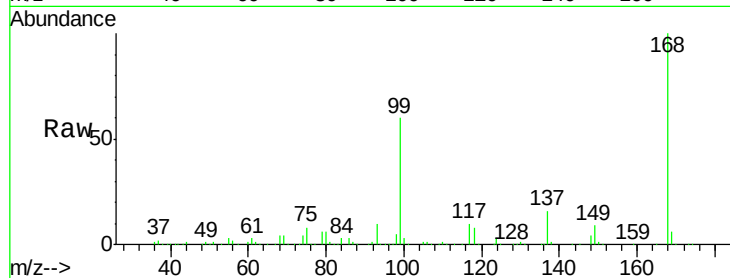
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 211073

Ion Ratio Lower Upper

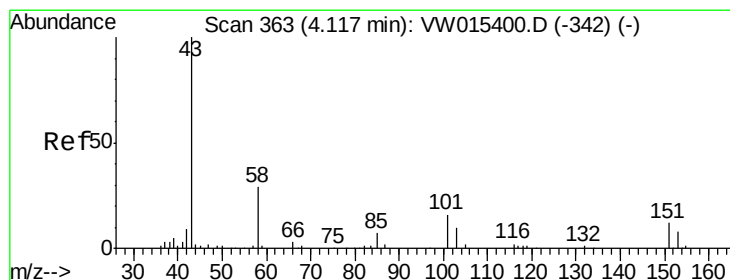
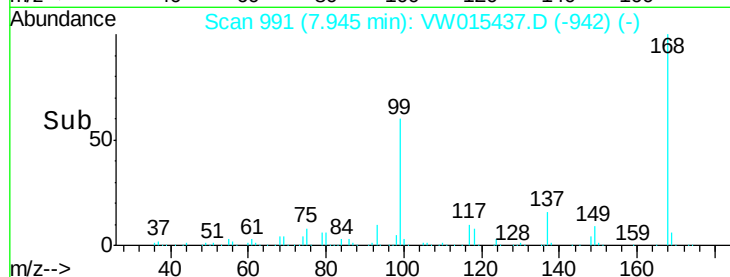
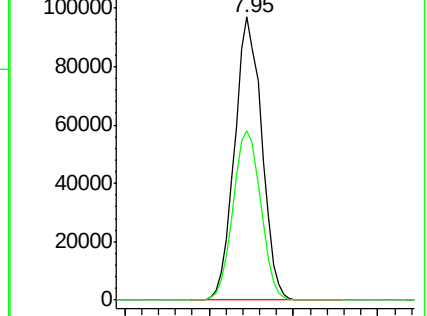
168 100

99 59.8 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.138 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015437.D

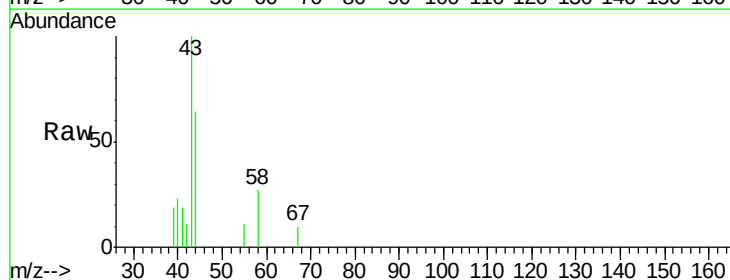
Acq: 15 May 2020 16:37

Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

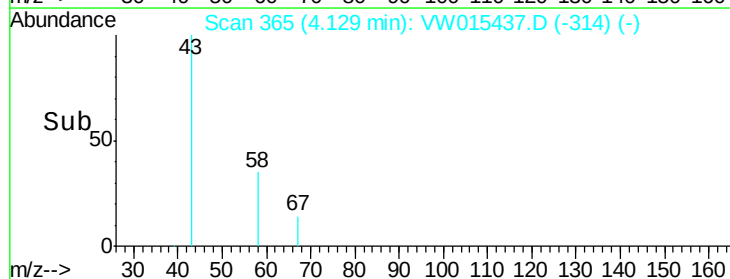
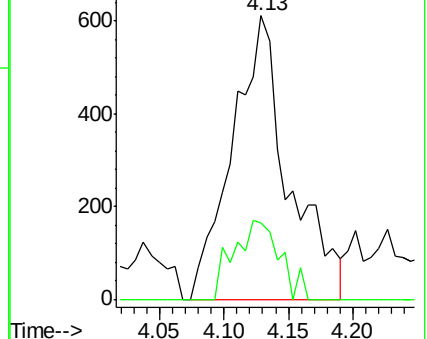
43 100

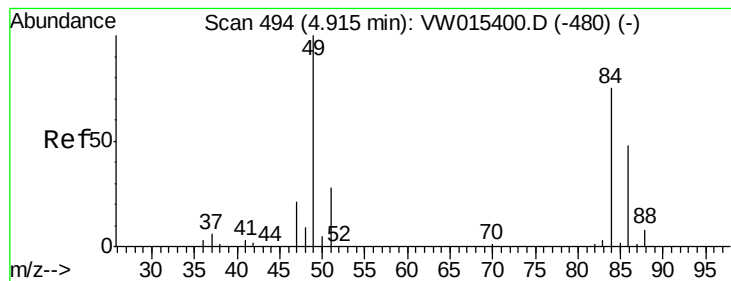
58 27.0 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.388 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015437.D

Acq: 15 May 2020 16:37

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 5616

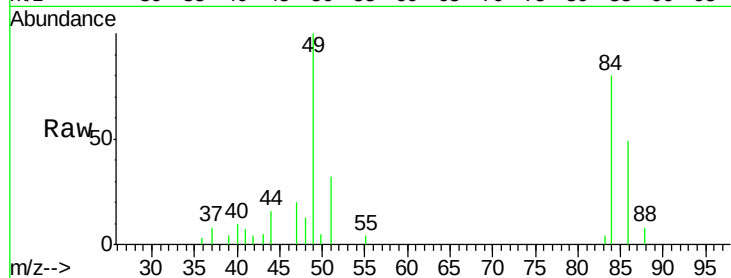
Ion Ratio Lower Upper

84 100

49 125.8 106.4 159.6

51 40.0 30.2 45.2

86 61.1 51.6 77.4

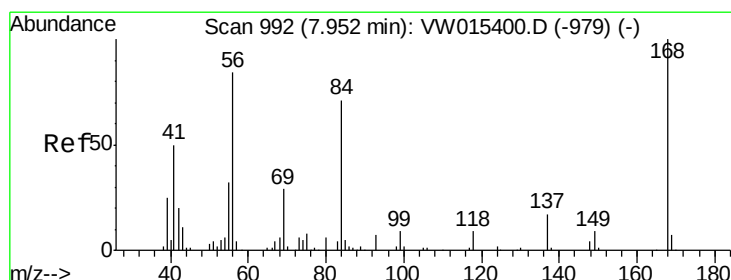
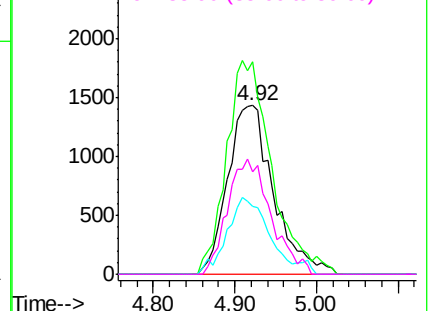
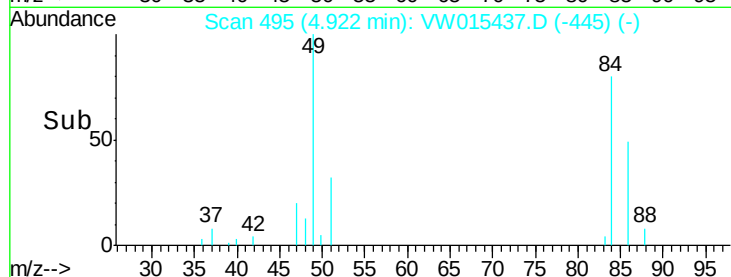


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.298 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015437.D

Acq: 15 May 2020 16:37

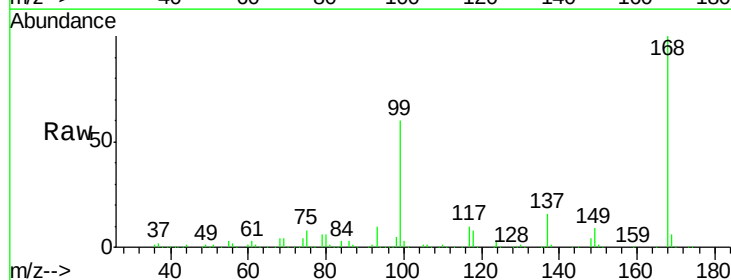
Tgt Ion: 56 Resp: 5520

Ion Ratio Lower Upper

56 100

69 153.1 27.2 40.8#

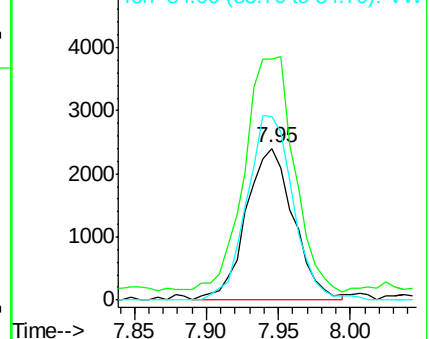
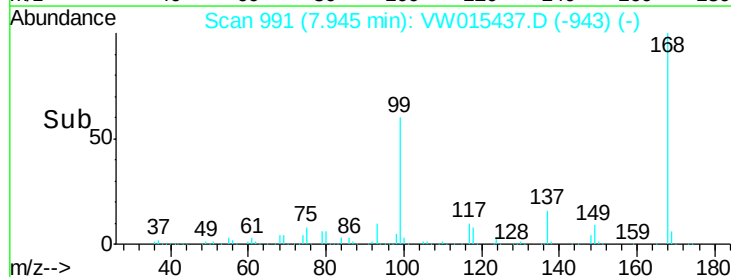
84 120.8 67.7 101.5#

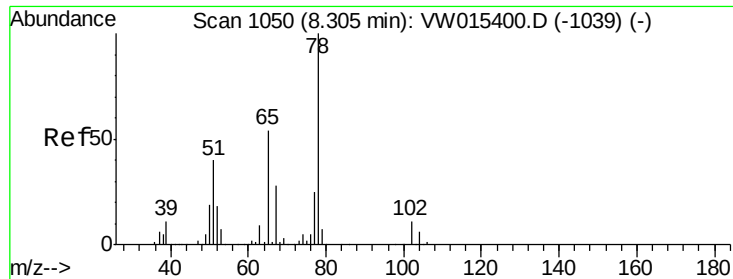


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

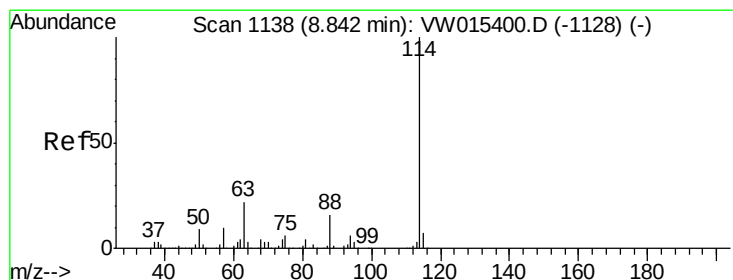
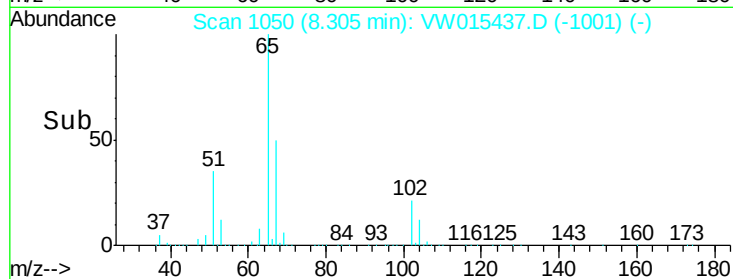
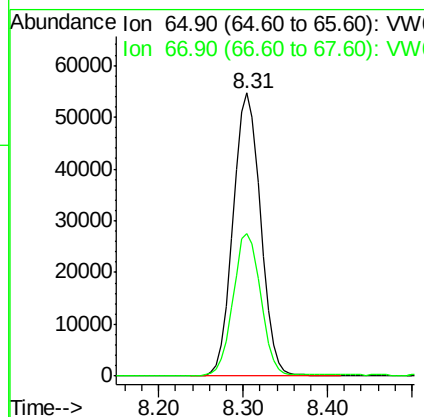
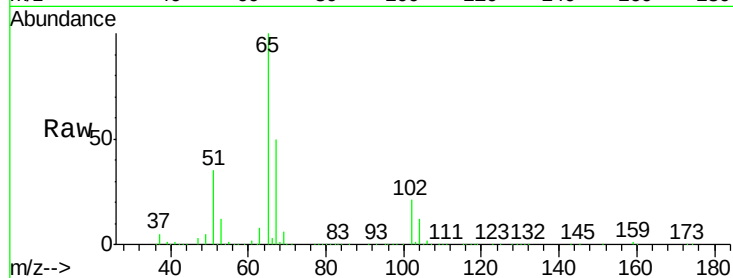




#33
 1,2-Dichloroethane-d4
 Concen: 52.053 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

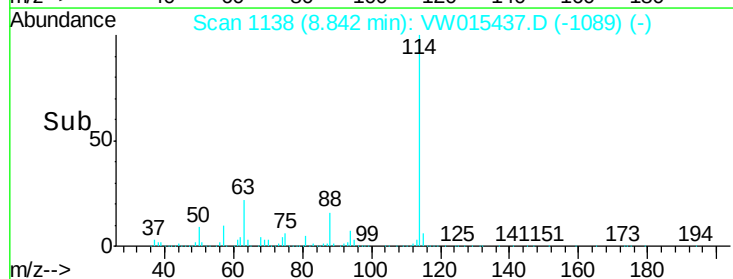
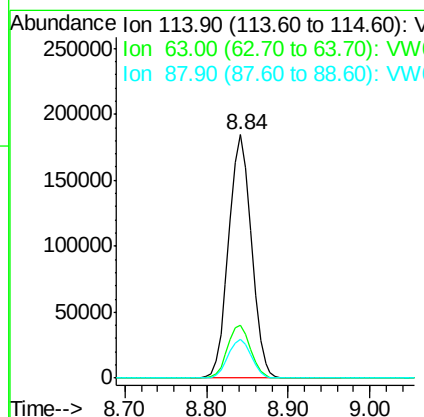
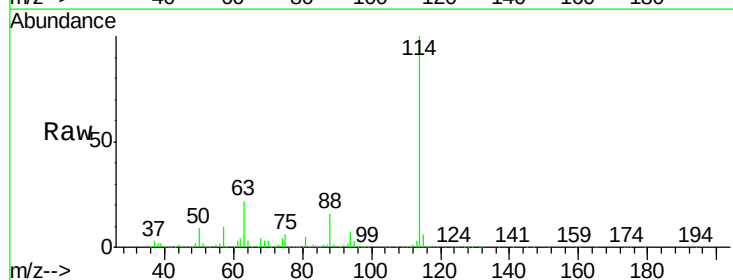
Instrument :
 MSVOA_W
 ClientSampleId :

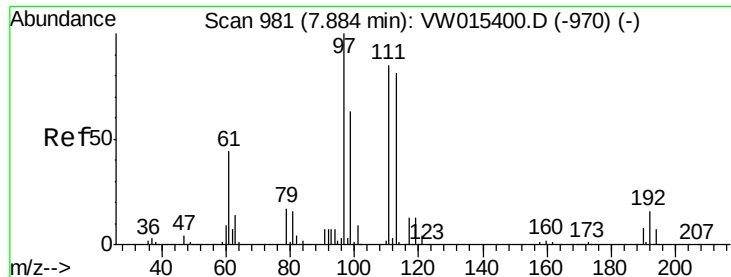
Tot Ion: 65 Resp: 120775
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

Tgt Ion: 114 Resp: 355553
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.1 0.0 31.8

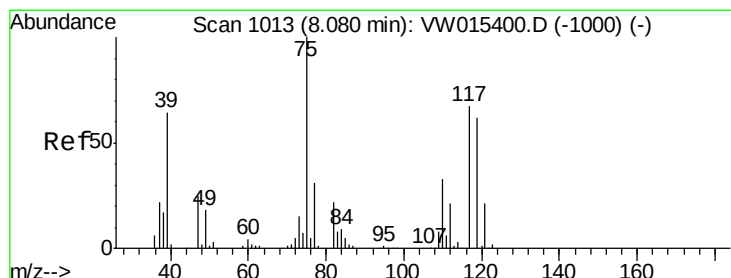
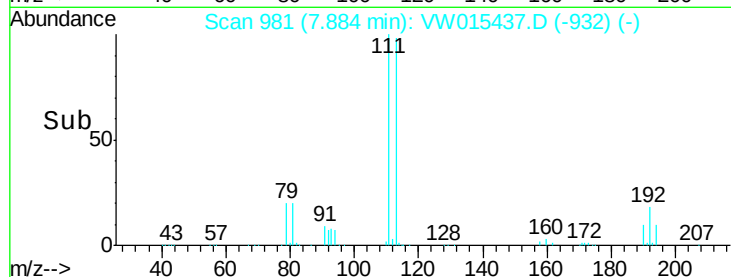
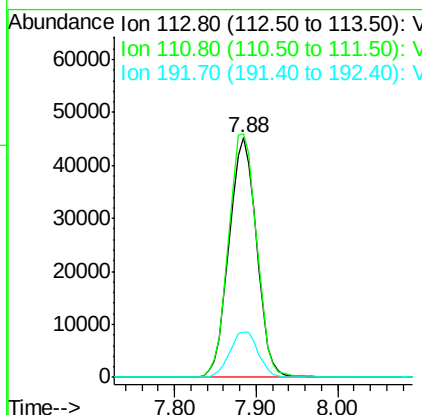
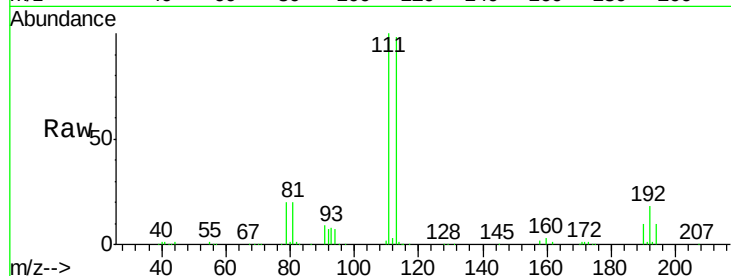




#35
 Dibromofluoromethane
 Concen: 51.439 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

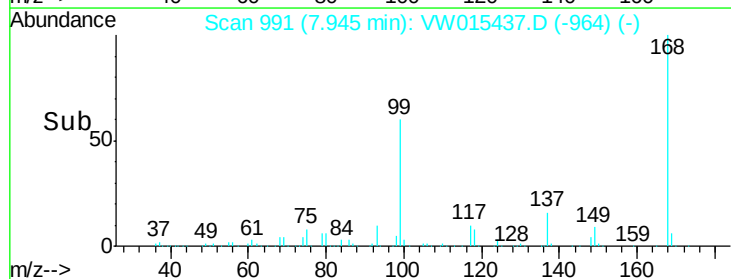
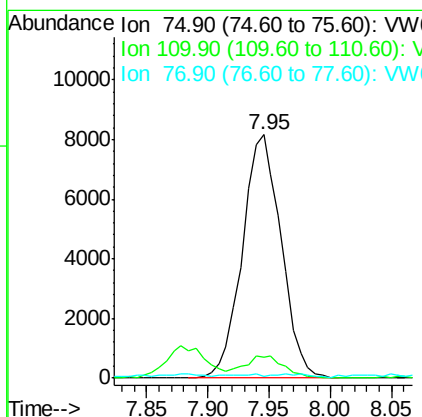
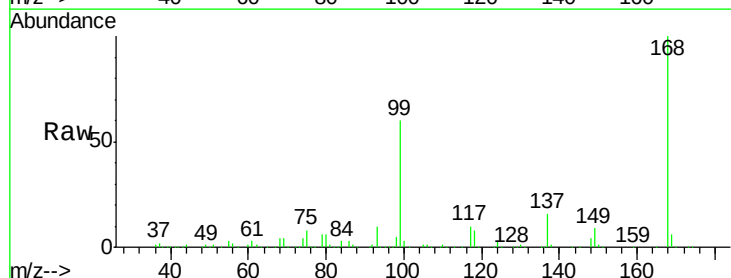
Instrument :
 MSVOA_W
 ClientSampleId :

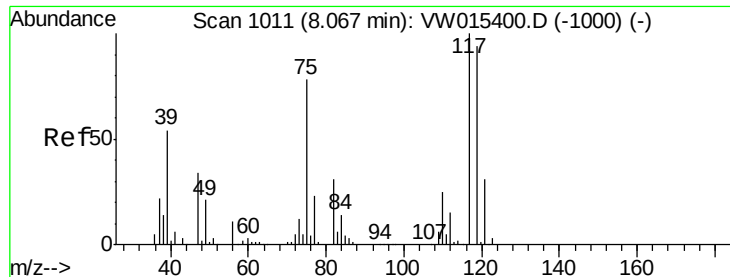
Tot Ion:113 Resp: 104973
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.9 124.3
 192 19.5 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 5.143 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

Tgt Ion: 75 Resp: 17966
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.6 49.8#
 77 0.0 24.5 36.7#

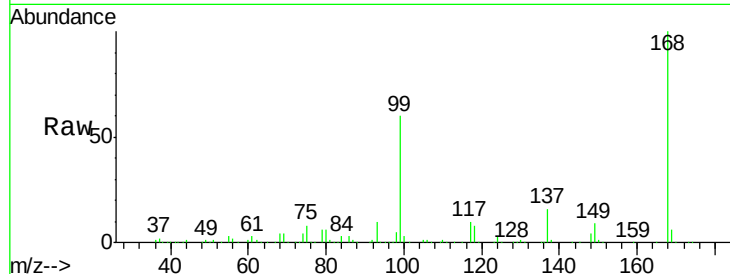




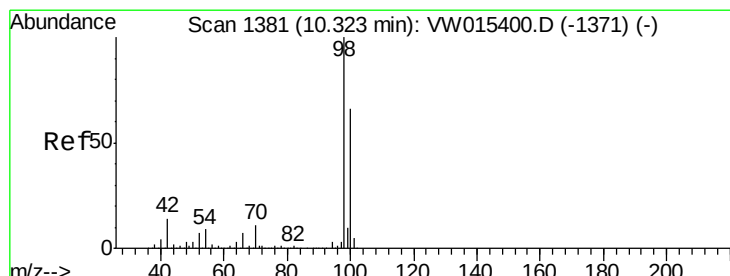
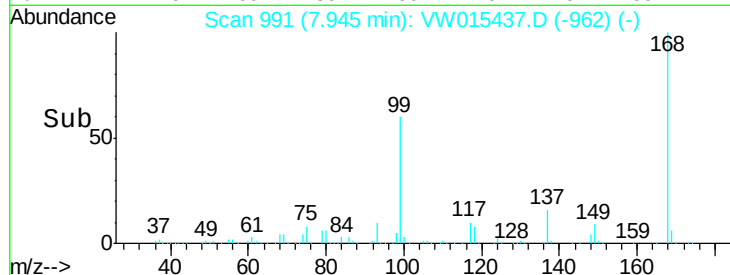
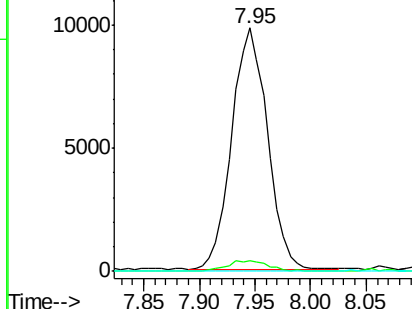
#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015437.D
Acq: 15 May 2020 16:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 21752
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 24.8 37.2#

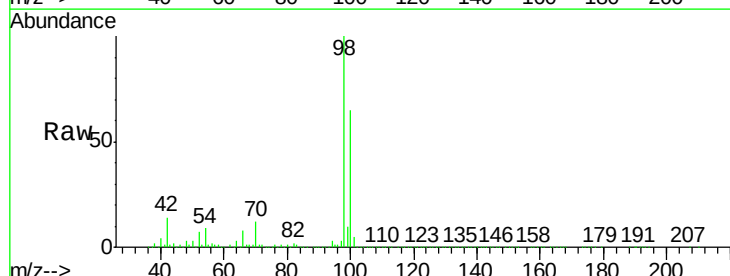


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

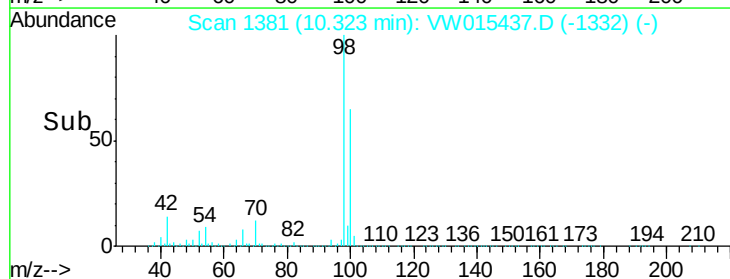
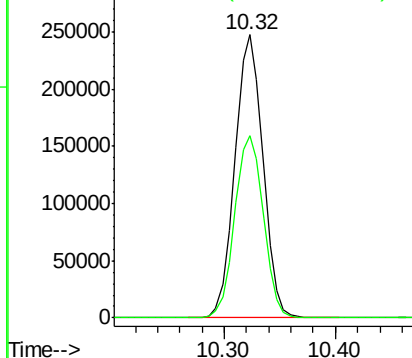


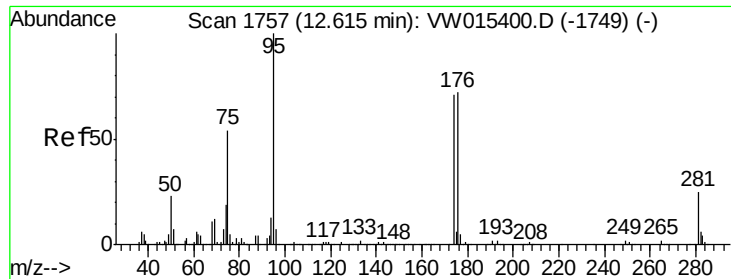
#50
Toluene-d8
Concen: 50.867 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015437.D
Acq: 15 May 2020 16:37

Tgt Ion: 98 Resp: 429590
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



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

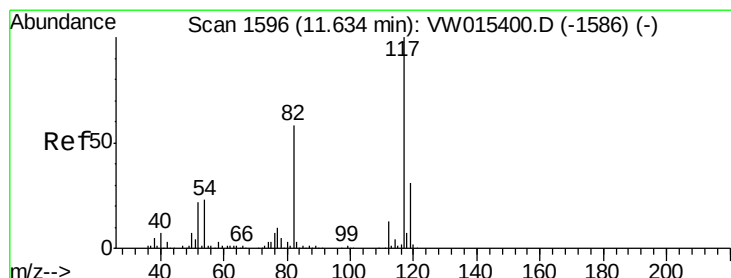
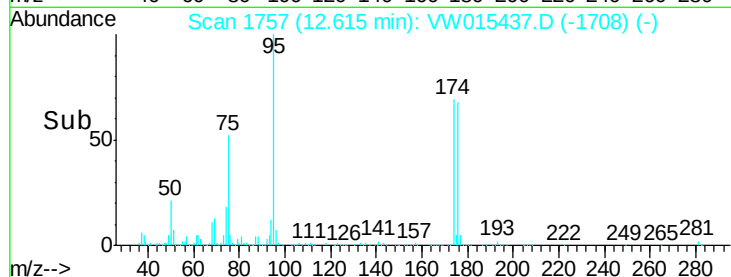
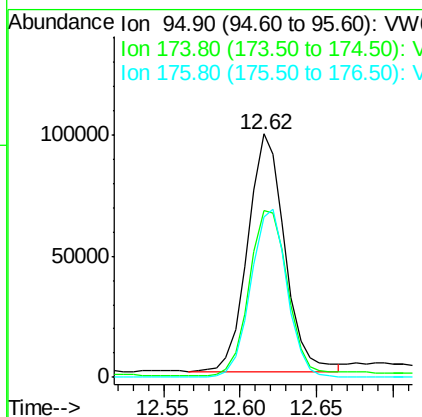
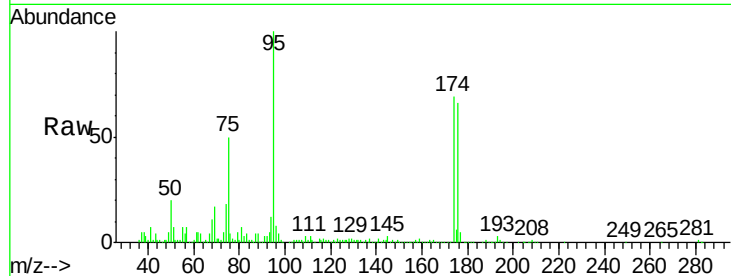




#62
4-Bromofluorobenzene
Concen: 52.841 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015437.D
Acq: 15 May 2020 16:37

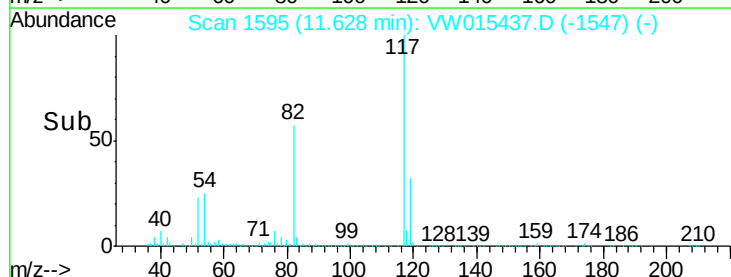
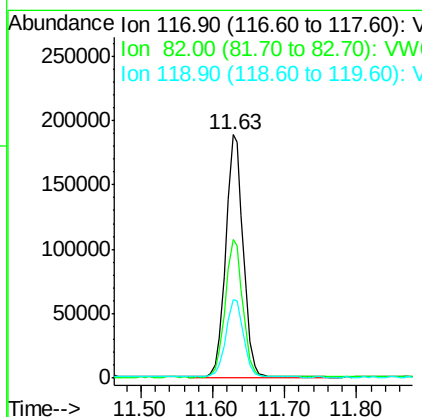
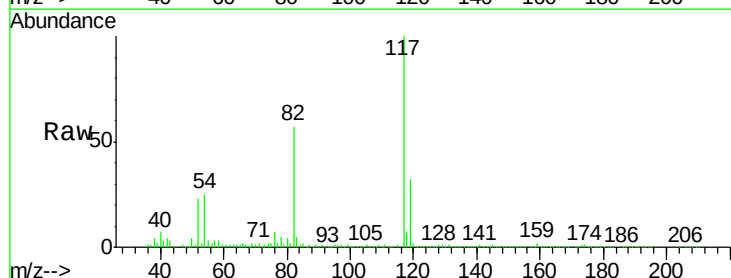
Instrument :
MSVOA_W
ClientSampleId :

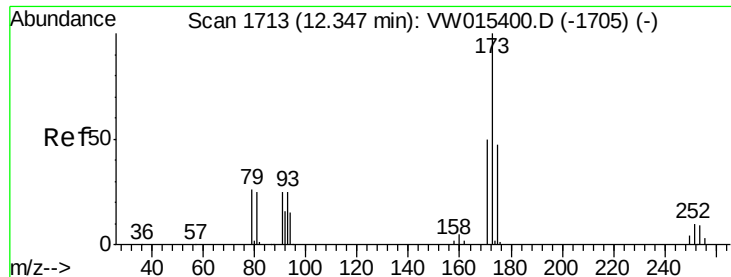
Tot Ion: 95 Resp: 164784
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.6
176 69.1 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015437.D
Acq: 15 May 2020 16:37

Tgt Ion: 117 Resp: 318996
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.2 24.6 37.0





#71

Bromoform

Concen: 4.137 ug/l

RT: 12.38 min Scan# 1718

Delta R.T. 0.03 min

Lab File: VW015437.D

Acq: 15 May 2020 16:37

Instrument :

MSVOA_W

ClientSampled :

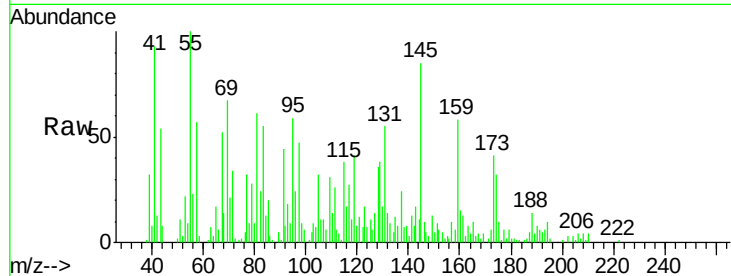
Tot Ion:173 Resp: 4499

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.4#

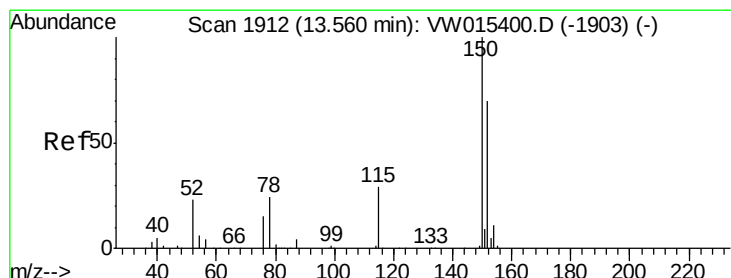
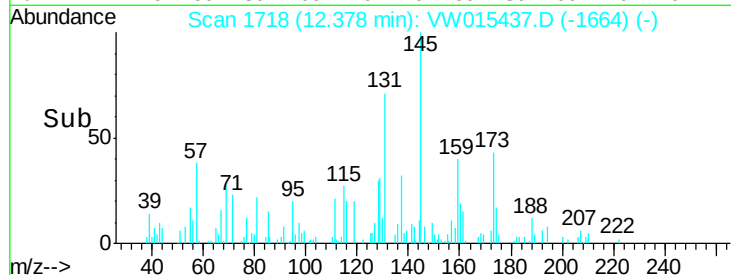
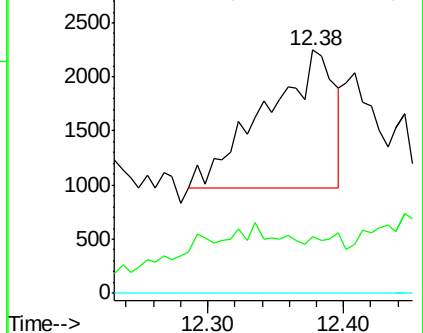
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015437.D

Acq: 15 May 2020 16:37

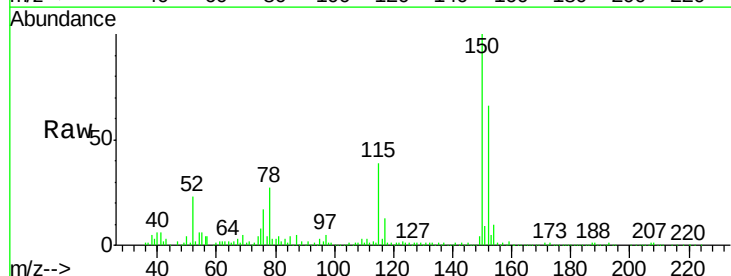
Tgt Ion:152 Resp: 153801

Ion Ratio Lower Upper

152 100

115 59.4 30.3 90.8

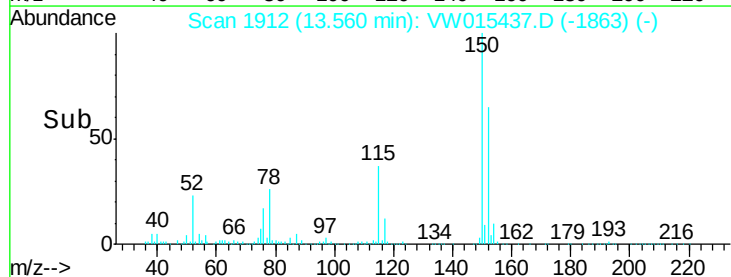
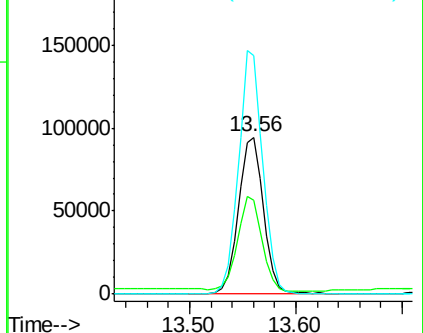
150 151.2 0.0 344.4

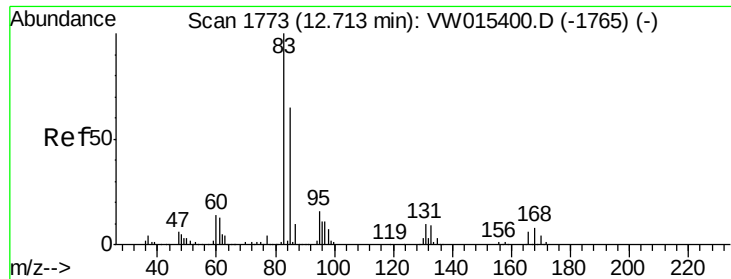


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 14.445 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW015437.D

Acq: 15 May 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

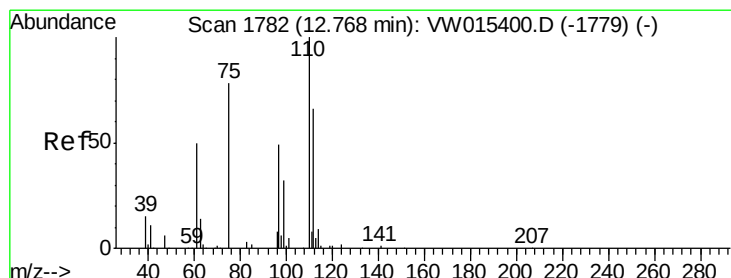
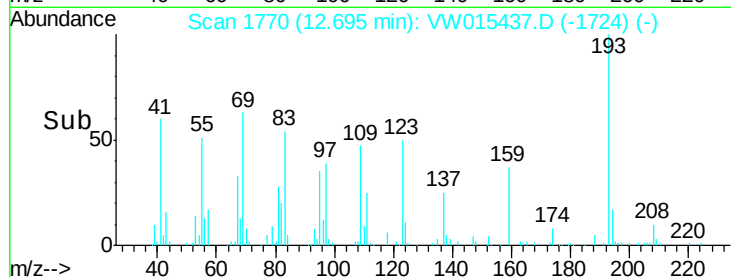
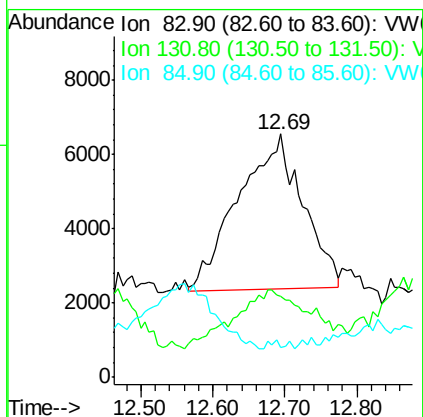
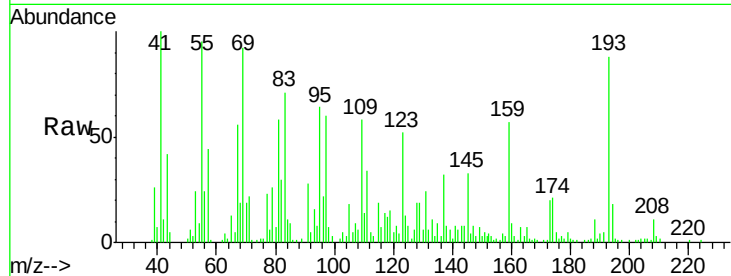
Tot Ion: 83 Resp: 25946

Ion Ratio Lower Upper

83 100

131 46.8 5.1 15.2#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 65.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015437.D

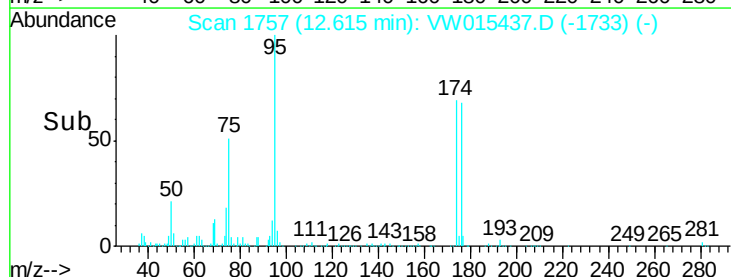
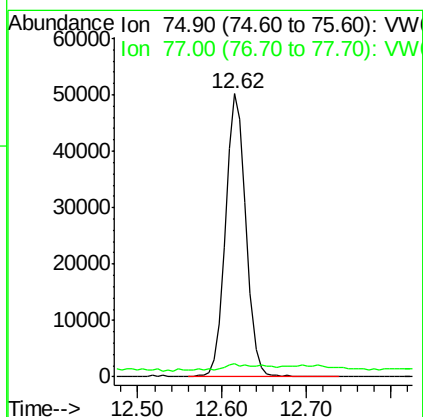
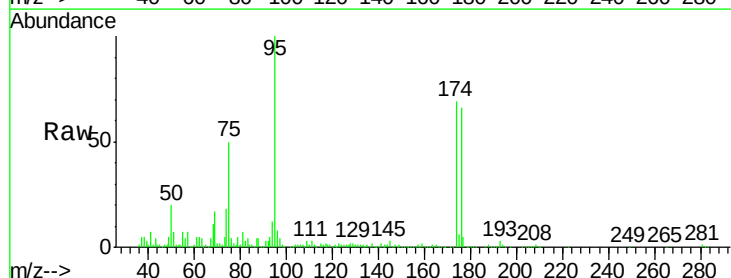
Acq: 15 May 2020 16:37

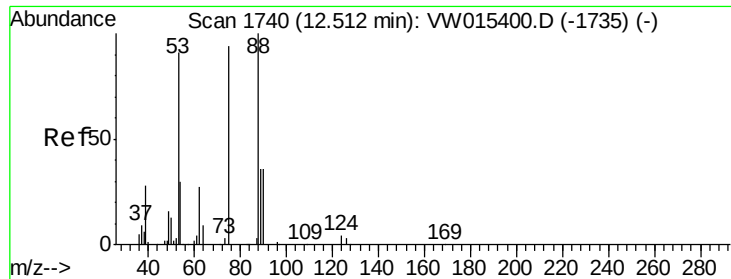
Tgt Ion: 75 Resp: 82461

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#

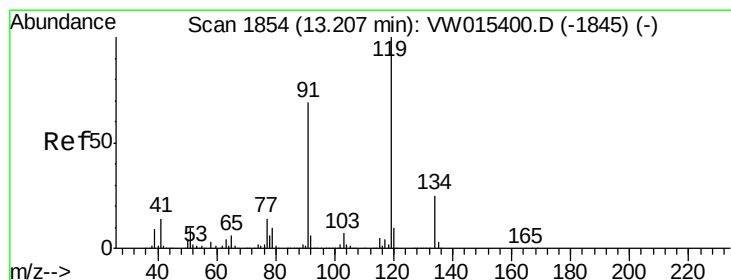
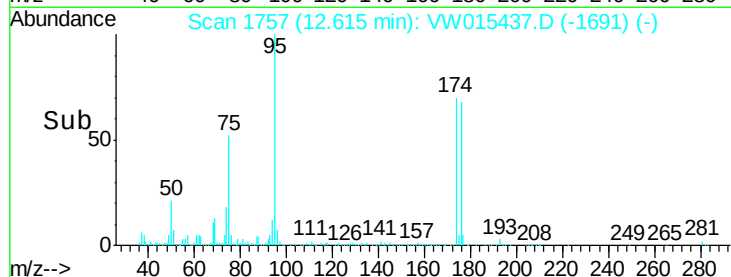
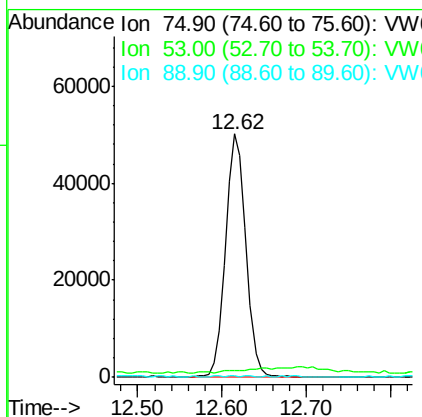
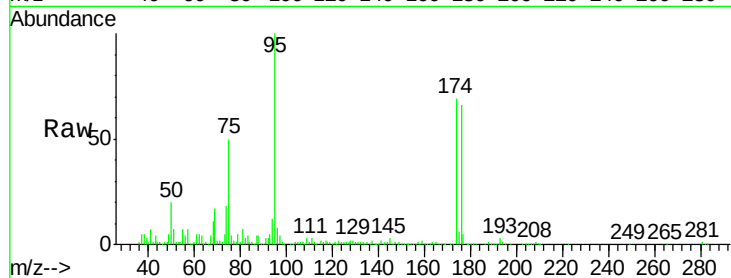




#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.916 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 82461
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.5 123.7#
 89 0.6 35.8 53.8#



#83
 tert-Butylbenzene
 Concen: 1.876 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW015437.D
 Acq: 15 May 2020 16:37

Tgt Ion: 119 Resp: 15483
 Ion Ratio Lower Upper
 119 100
 91 11.5 33.8 101.4#
 134 0.0 12.3 36.9#

