

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011097.D
 Acq On : 01 Jul 2019 20:42
 Operator : SY/VA
 Sample : K3634-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HJOC-GRAB-2

Quant Time: Jul 02 08:38:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141161	52.67	ug/l	0.00
Spiked Amount						
				Recovery	=	105.34%
35) Dibromofluoromethane	7.88	113	105181	49.04	ug/l	0.00
Spiked Amount						
				Recovery	=	98.08%
50) Toluene-d8	10.32	98	437112	49.52	ug/l	0.00
Spiked Amount						
				Recovery	=	99.04%
62) 4-Bromofluorobenzene	12.62	95	144954	44.89	ug/l	0.00
Spiked Amount						
				Recovery	=	89.78%

Target Compounds

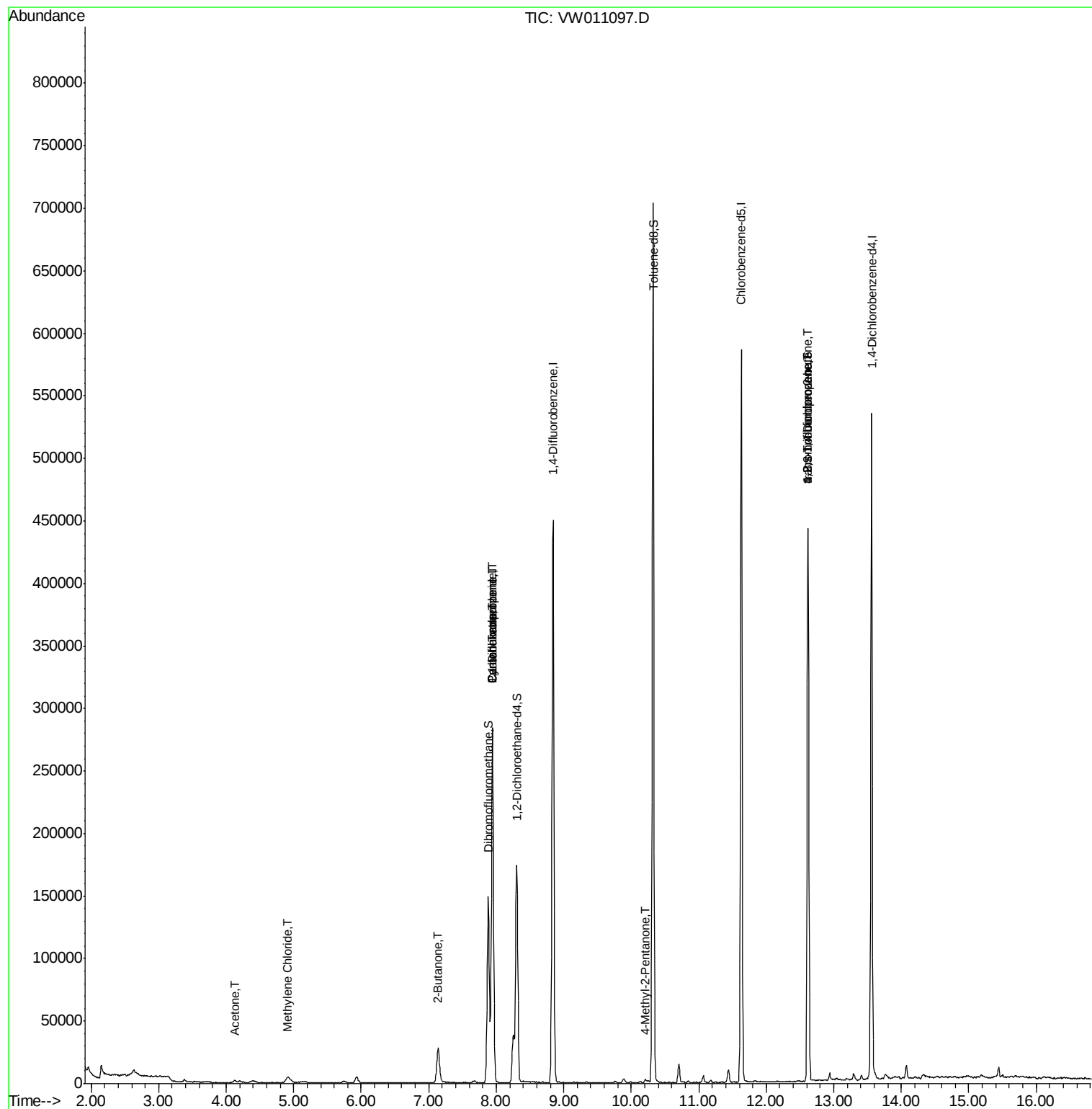
						Qvalue
16) Acetone	4.13	43	3545	5.418	ug/l #	87
20) Methylene Chloride	4.92	84	3629	1.365	ug/l	85
25) 2-Butanone	7.15	43	2090	2.102	ug/l #	54
31) Cyclohexane	7.94	56	5648	1.102	ug/l #	20
36) 1,1-Dichloropropene	7.94	75	19042	5.044	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21124	6.795	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	2199	1.006	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	79122	58.965	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79122	119.269	ug/l #	3

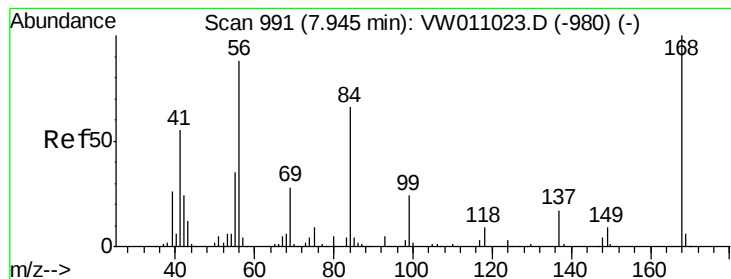
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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Quant Time: Jul 02 08:38:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampled :

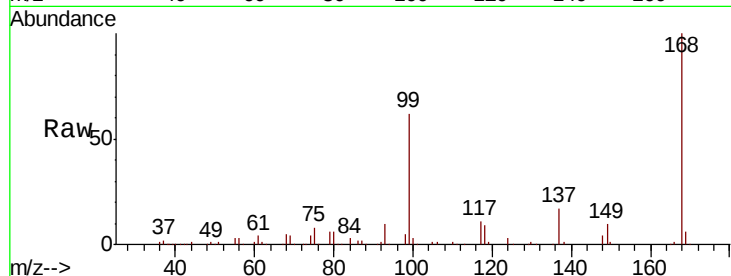
HJOC-GRAB-2

Tot Ion:168 Resp: 205030

Ion Ratio Lower Upper

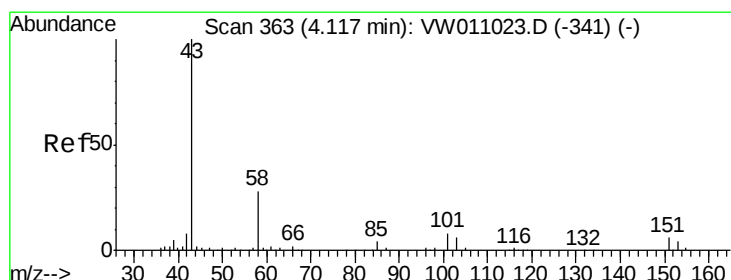
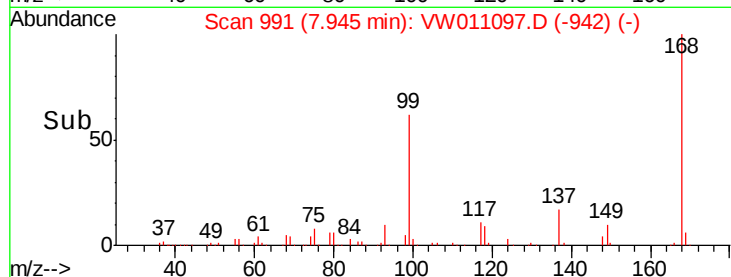
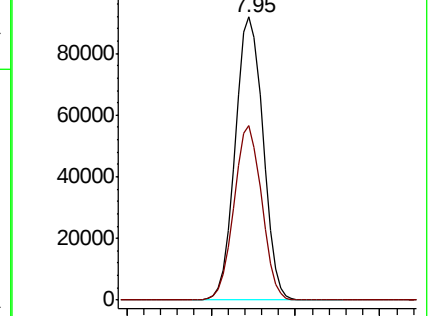
168 100

99 61.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.418 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011097.D

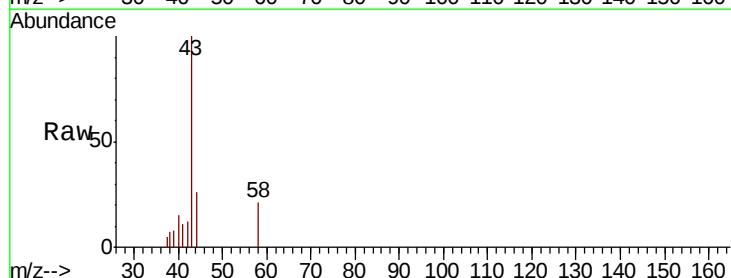
Acq: 01 Jul 2019 20:42

Tgt Ion: 43 Resp: 3545

Ion Ratio Lower Upper

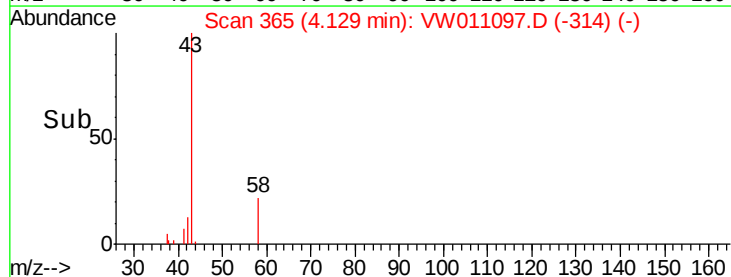
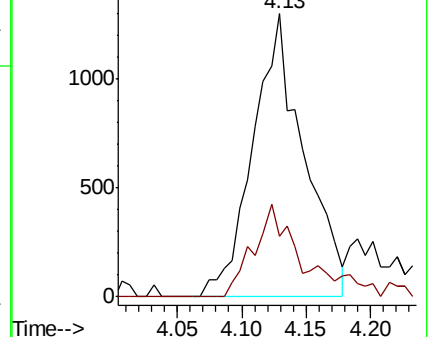
43 100

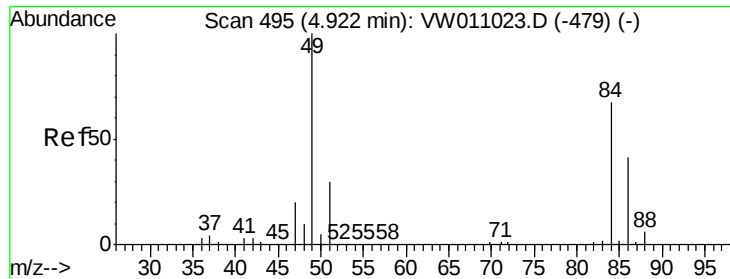
58 21.3 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

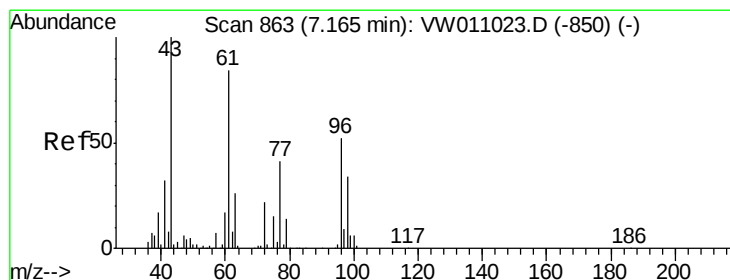
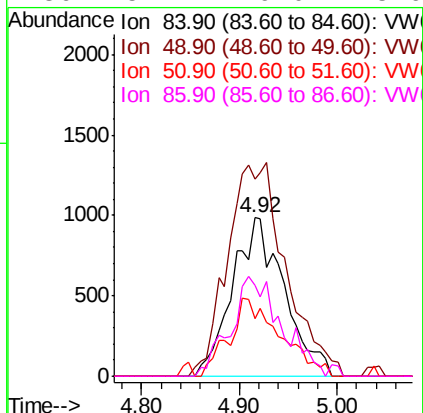
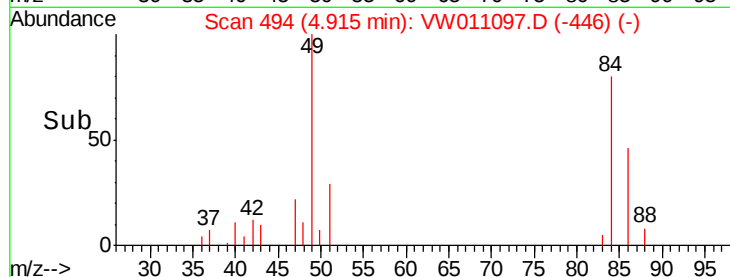
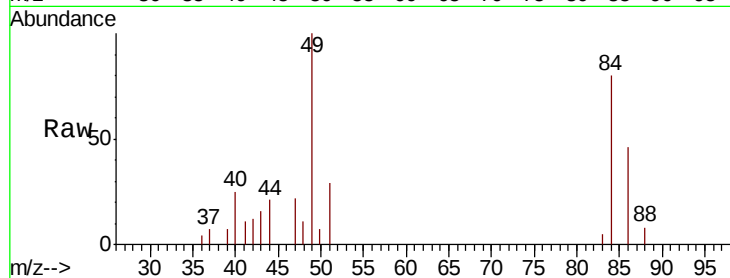




#20
Methvlene Chloride
Concen: 1.365 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

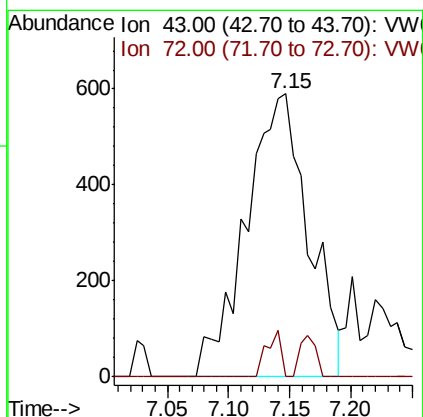
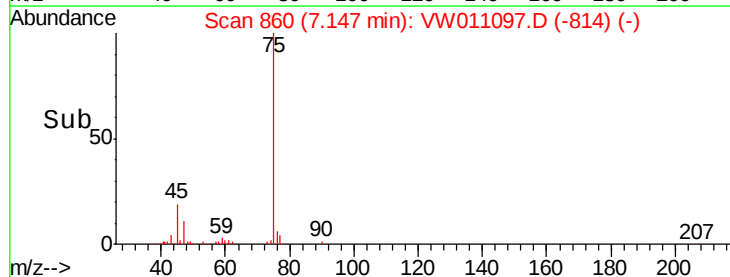
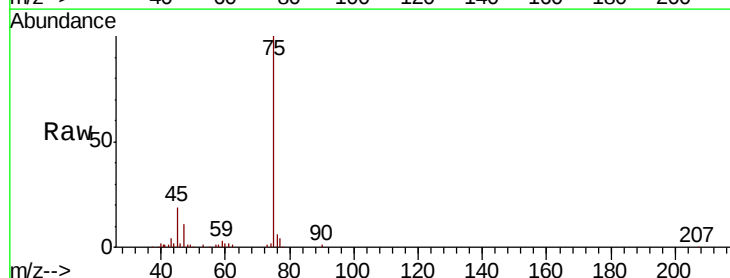
Instrument :
MSVOA_W
ClientSampleId :
HJOC-GRAB-2

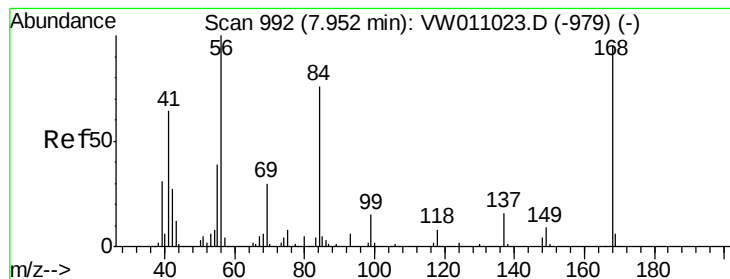
Tot Ion: 84 Resp: 3629
Ion Ratio Lower Upper
84 100
49 124.4 119.6 179.4
51 36.6 35.6 53.4
86 57.1 49.0 73.6



#25
2-Butanone
Concen: 2.102 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#





#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampleId :

HJOC-GRAB-2

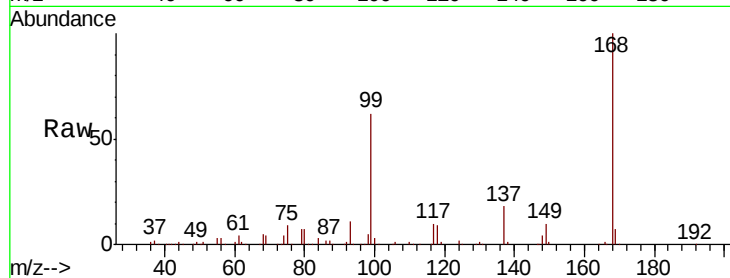
Tot Ion: 56 Resp: 5648

Ion Ratio Lower Upper

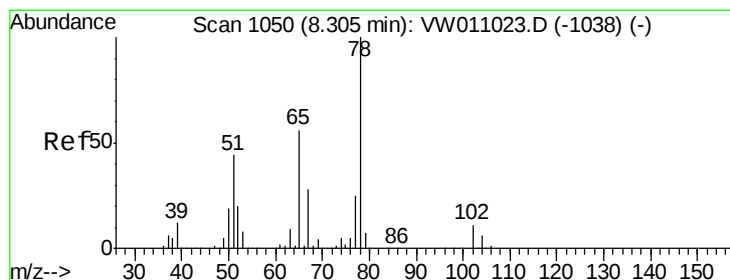
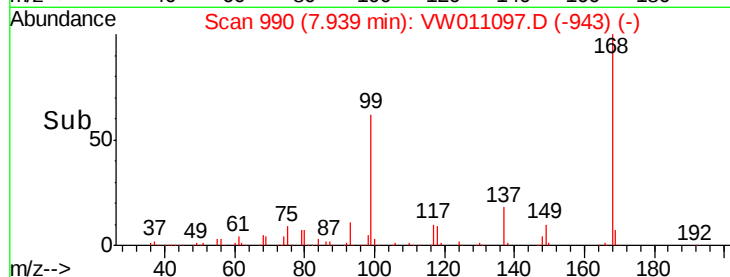
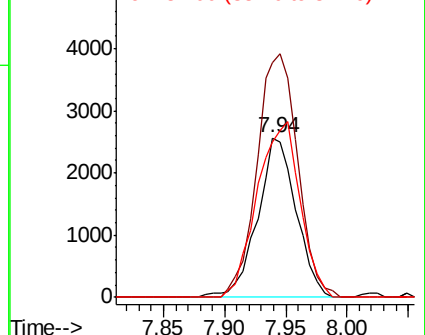
56 100

69 147.5 24.2 36.2#

84 97.8 60.6 90.8#



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: 52.666 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011097.D

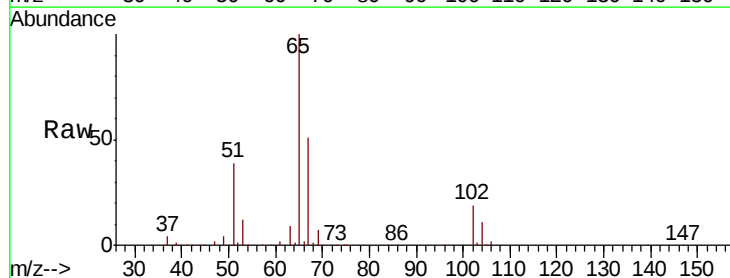
Acq: 01 Jul 2019 20:42

Tgt Ion: 65 Resp: 141161

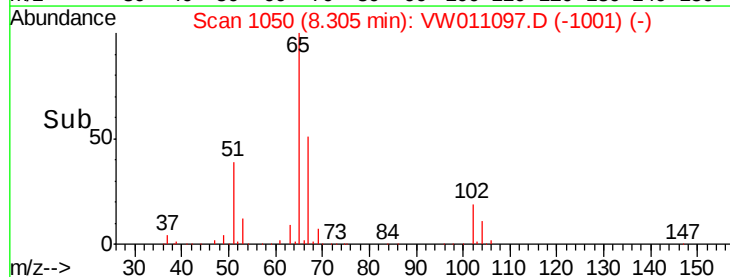
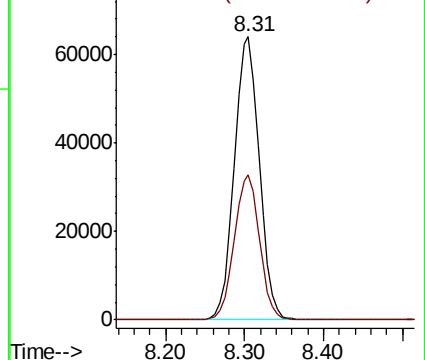
Ion Ratio Lower Upper

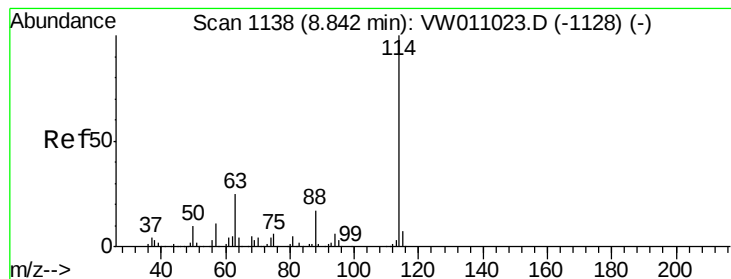
65 100

67 51.5 0.0 102.4



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: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampleId :

HJOC-GRAB-2

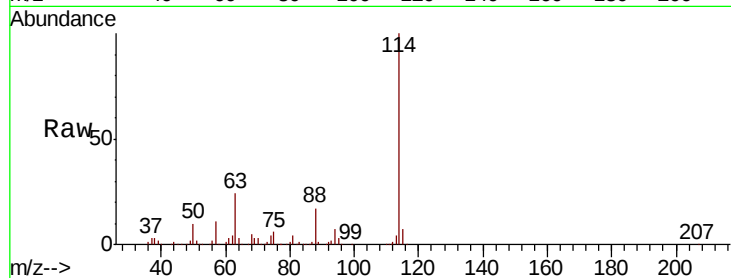
Tot Ion:114 Resp: 351205

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.6

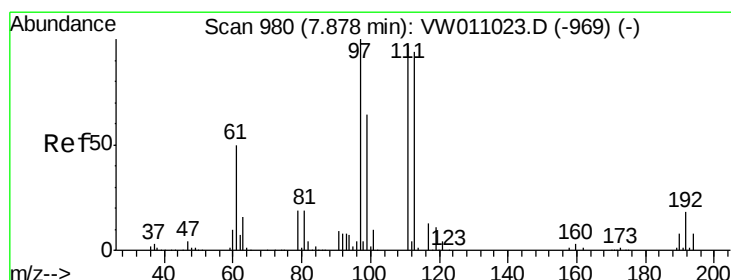
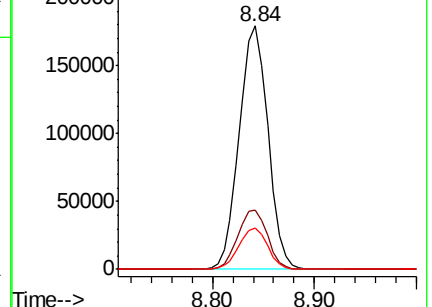
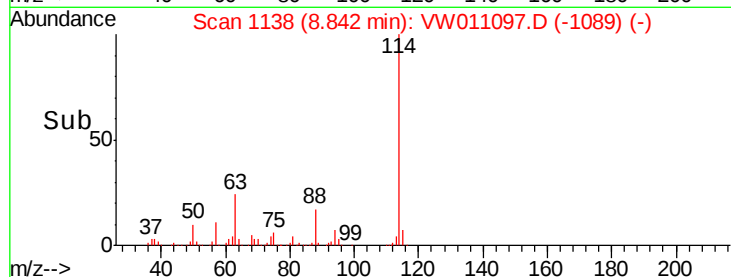
88 16.9 0.0 34.0



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: 49.045 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW011097.D

Acq: 01 Jul 2019 20:42

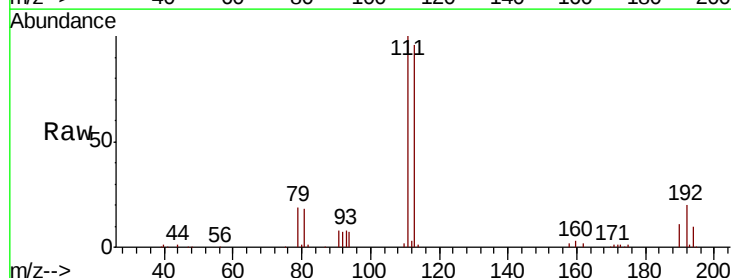
Tgt Ion:113 Resp: 105181

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

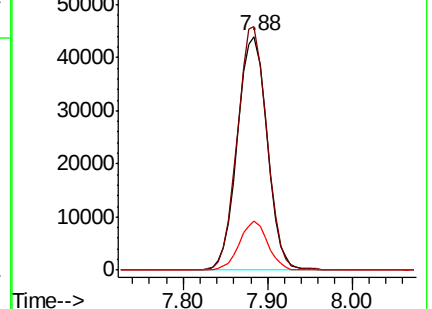
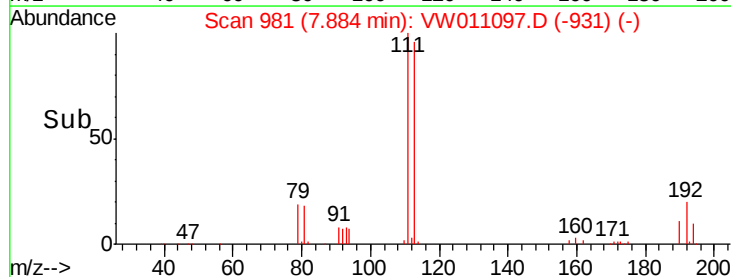
192 19.7 16.0 24.0

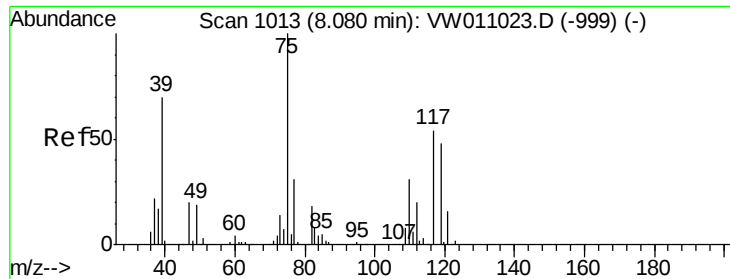


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

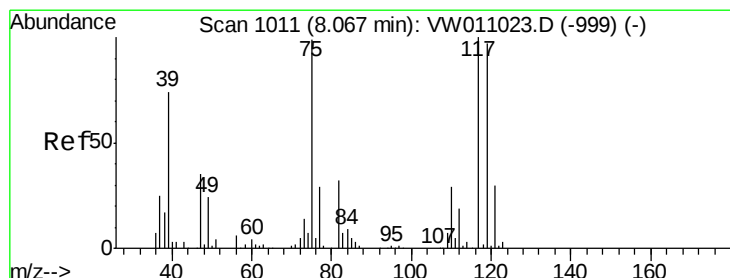
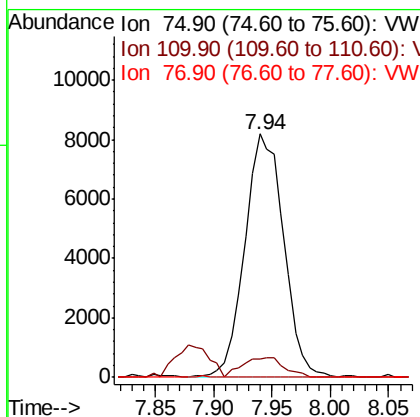
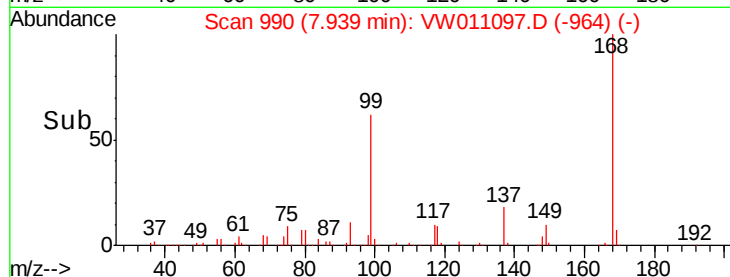
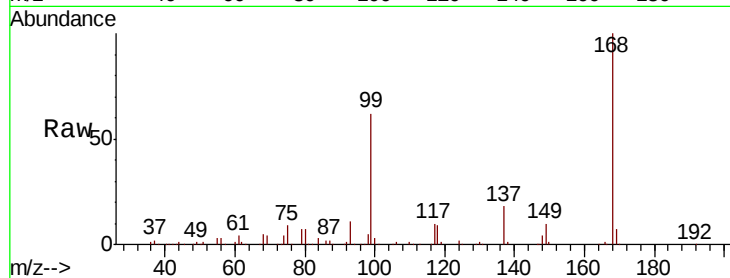




#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011097.D
 Acq: 01 Jul 2019 20:42

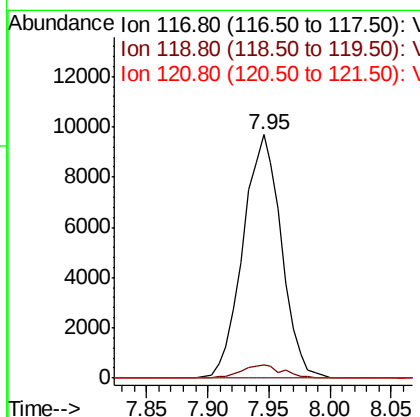
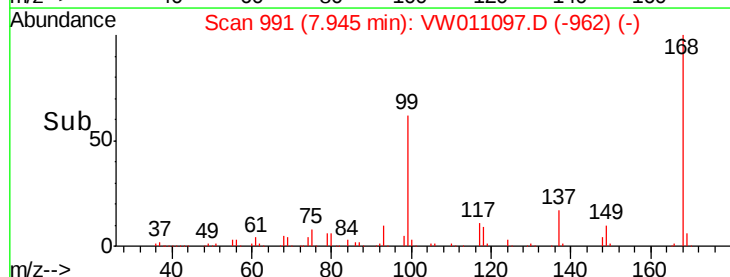
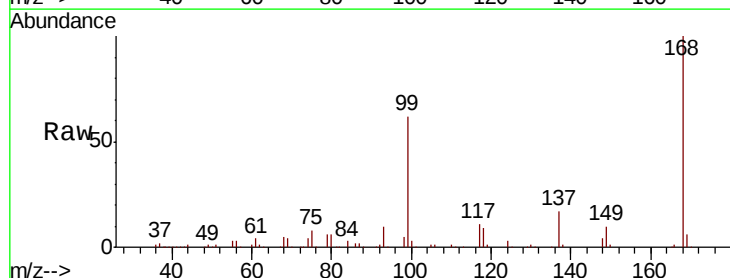
Instrument :
 MSVOA_W
 ClientSampleId :
 HJOC-GRAB-2

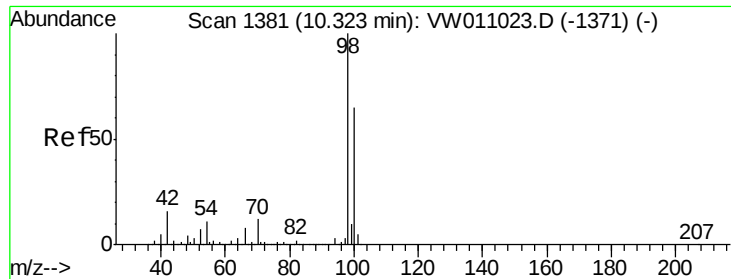
Tot Ion: 75 Resp: 19042
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.795 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011097.D
 Acq: 01 Jul 2019 20:42

Tgt Ion: 117 Resp: 21124
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampleId :

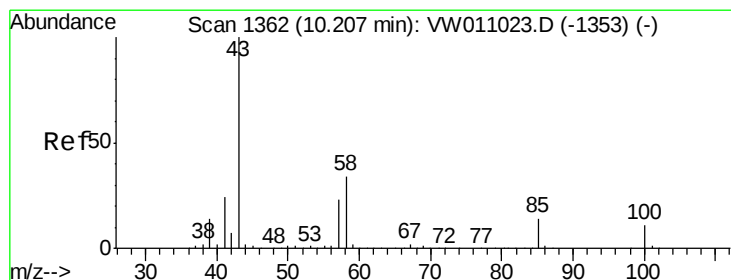
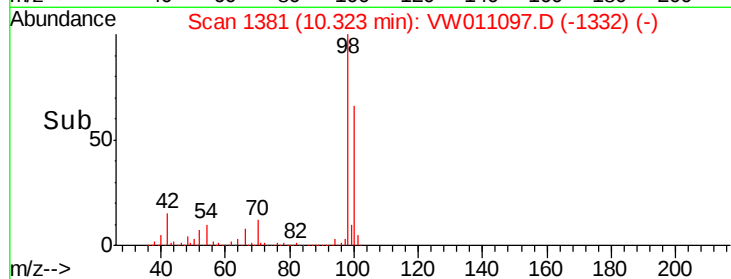
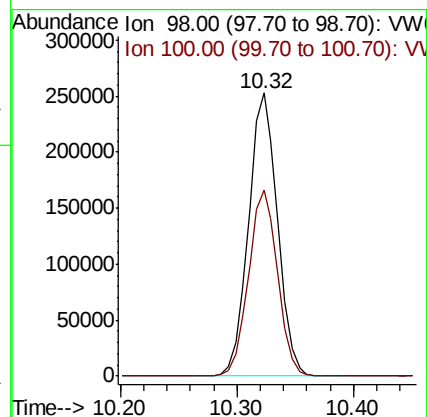
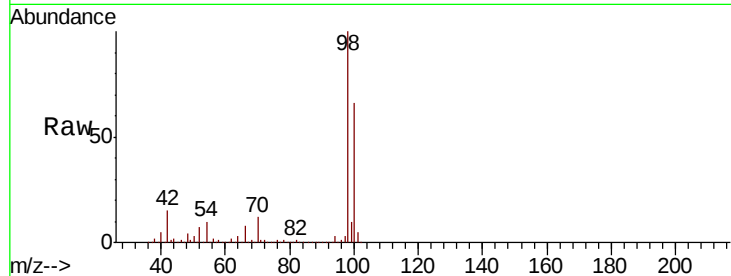
HJOC-GRAB-2

Tot Ion: 98 Resp: 437112

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 1.006 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011097.D

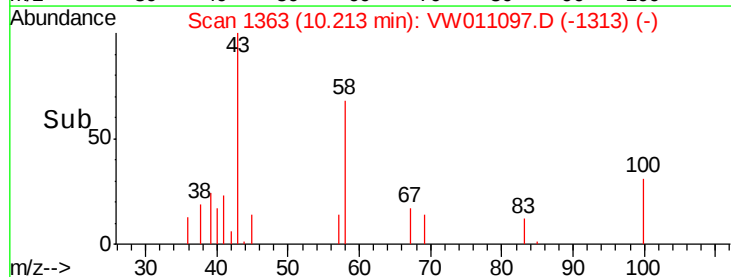
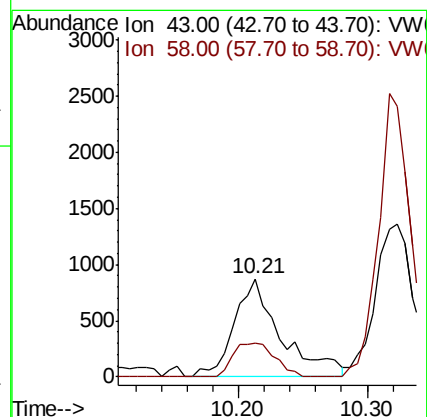
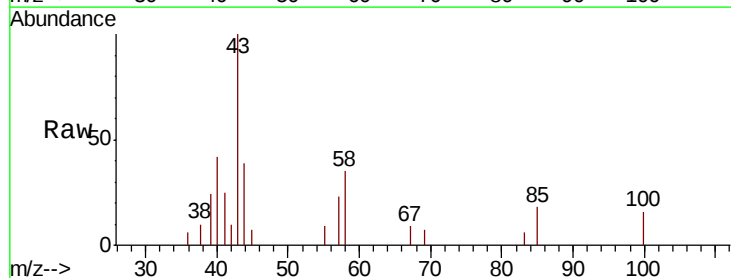
Acq: 01 Jul 2019 20:42

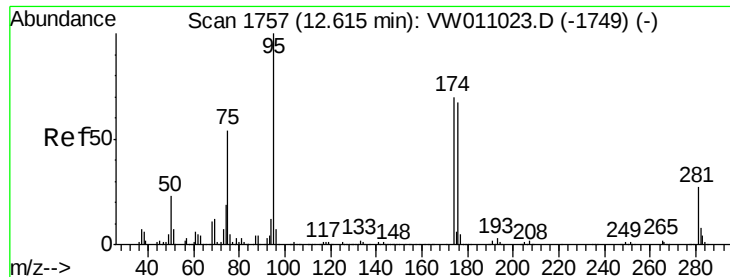
Tgt Ion: 43 Resp: 2199

Ion Ratio Lower Upper

43 100

58 30.9 27.8 41.6

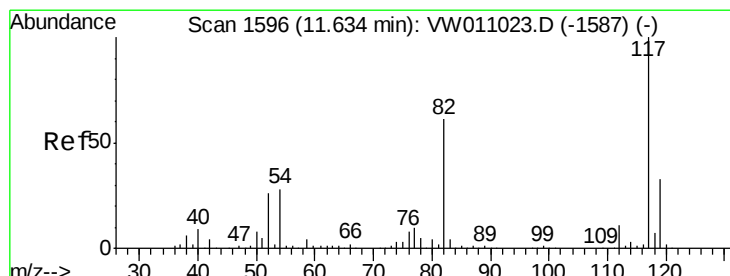
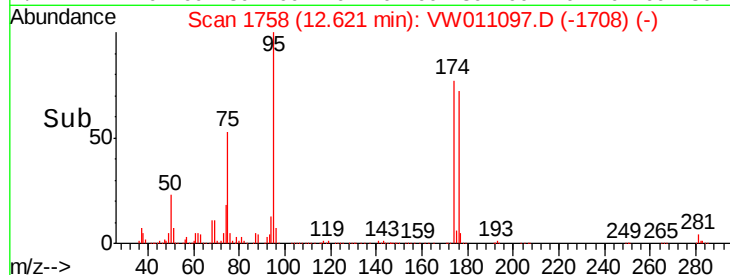
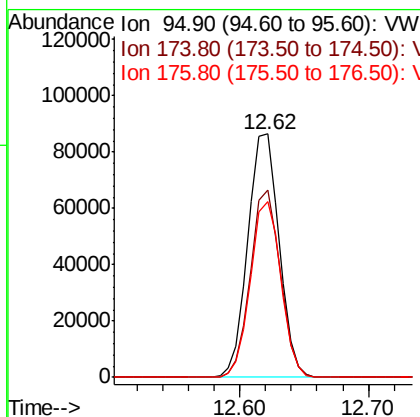
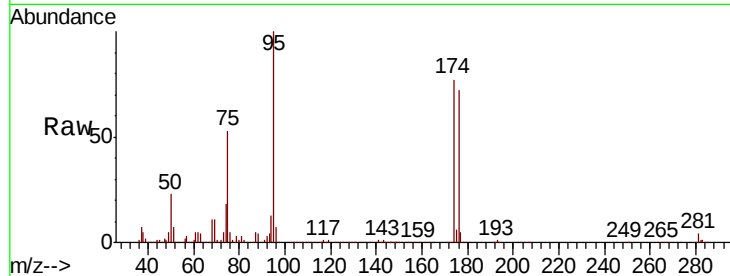




#62
4-Bromofluorobenzene
Concen: 44.895 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

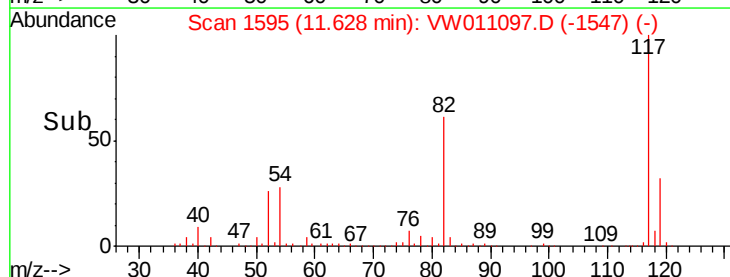
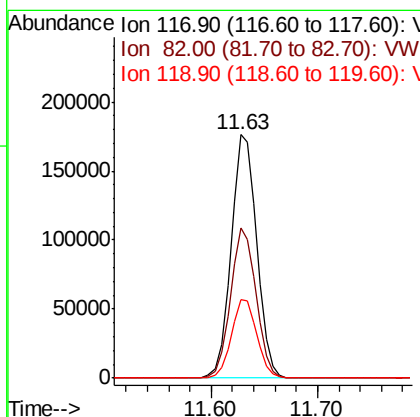
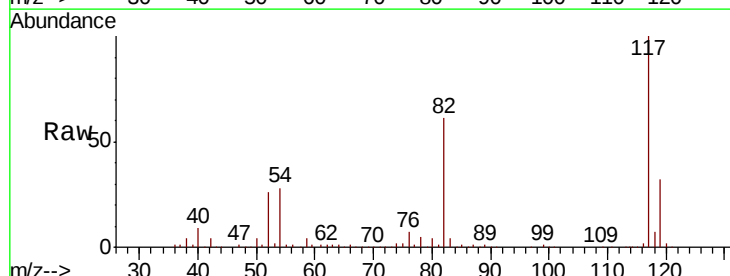
Instrument :
MSVOA_W
ClientSampleId :
HJOC-GRAB-2

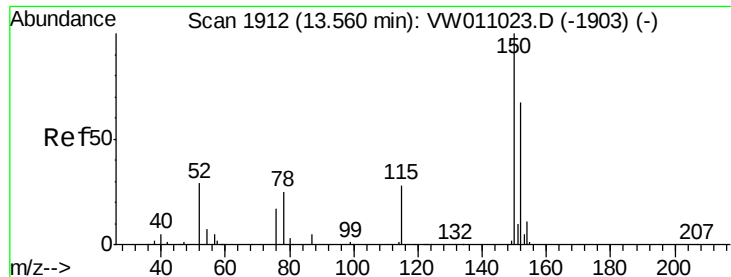
Tot Ion: 95 Resp: 144954
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.2
176 70.3 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Tgt Ion: 117 Resp: 296469
Ion Ratio Lower Upper
117 100
82 61.4 48.6 73.0
119 32.0 26.1 39.1



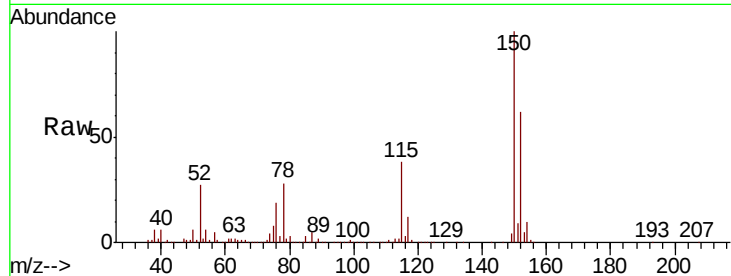


#72

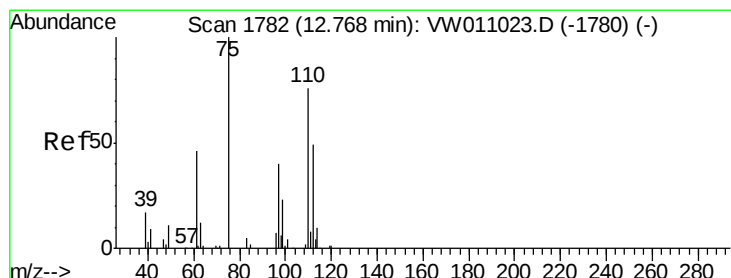
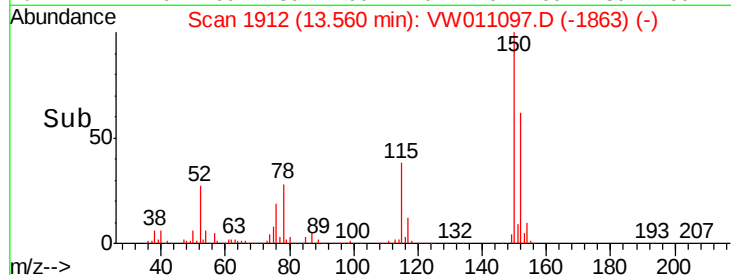
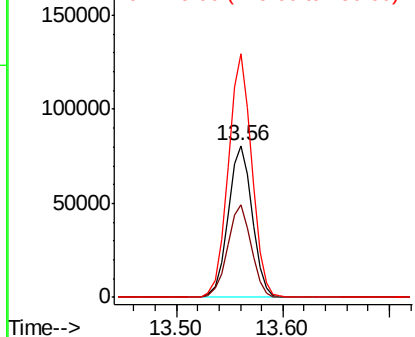
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Instrument :
MSVOA_W
ClientSampleId :
HJOC-GRAB-2

Tot Ion:152 Resp: 127101
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 157.4 0.0 341.8



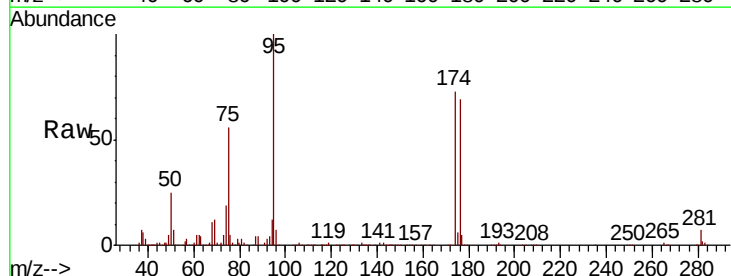
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



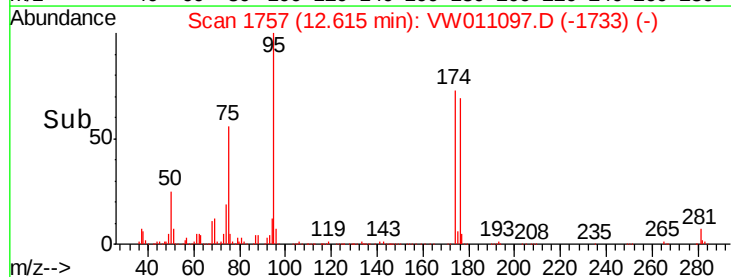
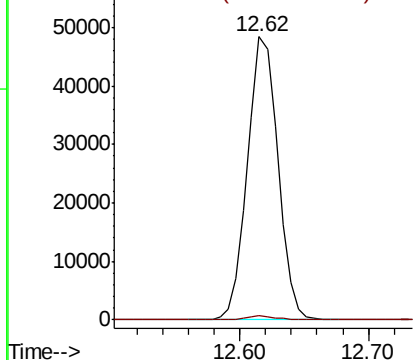
#76

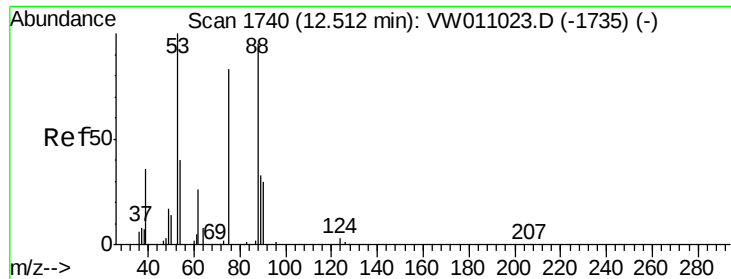
1,2,3-Trichloropropane
Concen: 58.965 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Tgt Ion: 75 Resp: 79122
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



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: 119.269 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011097.D
 Acq: 01 Jul 2019 20:42

Instrument :
 MSVOA_W
 ClientSampleId :
 HJOC-GRAB-2

Tot Ion: 75 Resp: 79122
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 34.4 51.6#

