

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011081.D
 Acq On : 01 Jul 2019 13:35
 Operator : SY/VA
 Sample : K3606-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HJDC-GRAB-1

Quant Time: Jul 02 08:35:14 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	188518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77159	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	123408	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	97637	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.32	98	385127	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	103756	35.33	ug/l	0.00
Spiked Amount			Recovery	=	70.66%	

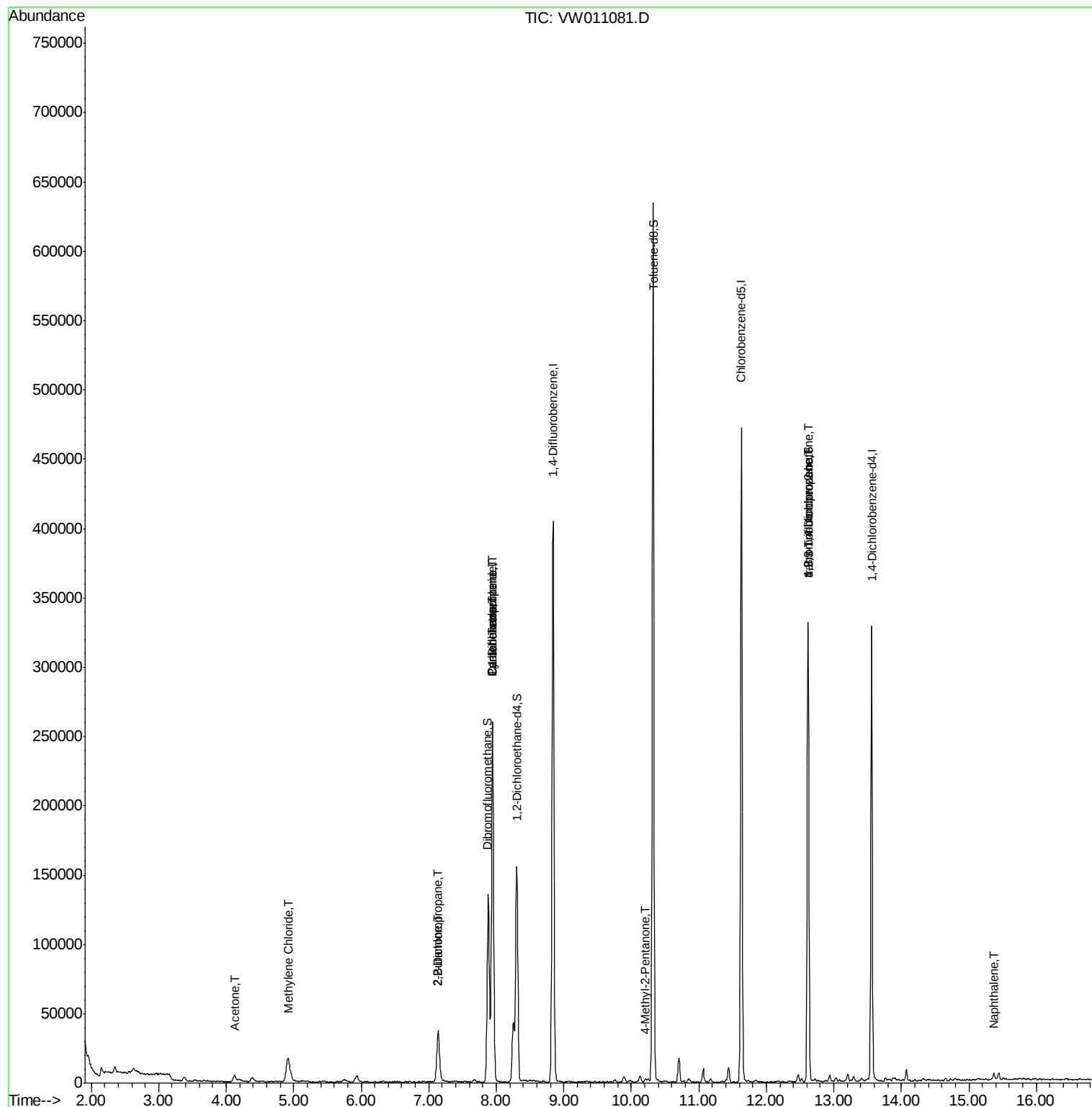
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	8744	14.536	ug/l	93
20) Methylene Chloride	4.92	84	13761	5.630	ug/l	96
25) 2-Butanone	7.13	43	2686	2.937	ug/l #	89
26) 2,2-Dichloropropane	7.13	77	2523	1.114	ug/l #	54
31) Cyclohexane	7.95	56	5052	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16766	4.883	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19503	6.897	ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	2377	1.195	ug/l #	85
76) 1,2,3-Trichloropropane	12.62	75	57419	70.487	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57419	141.775	ug/l #	3
95) Naphthalene	15.37	128	3498	1.173	ug/l #	94

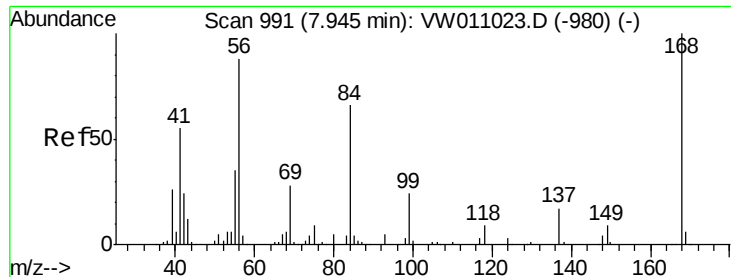
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

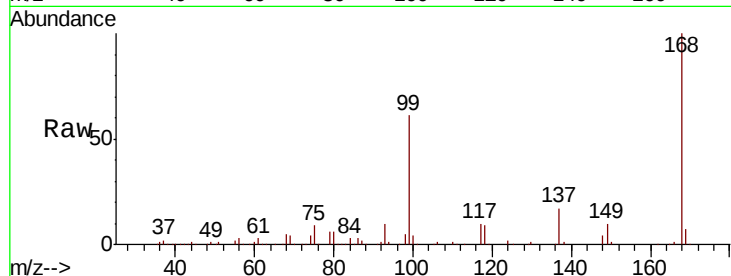
HJDC-GRAB-1

Tot Ion:168 Resp: 188518

Ion Ratio Lower Upper

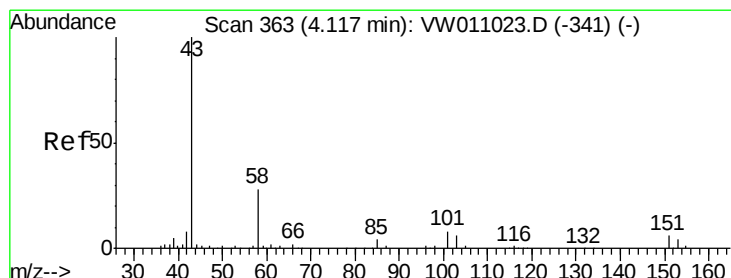
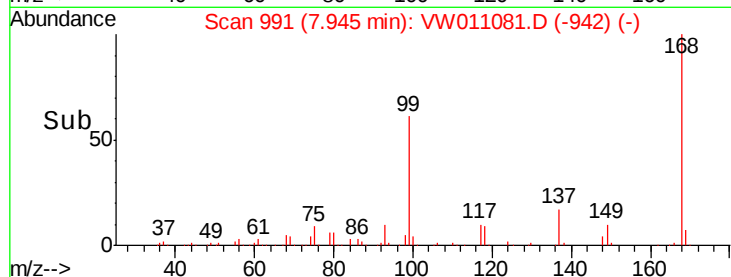
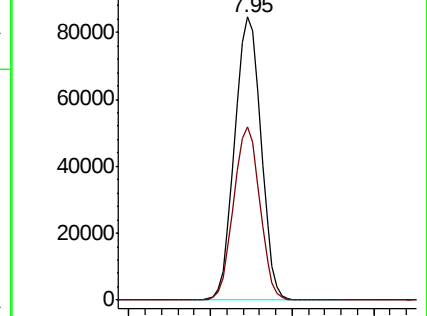
168 100

99 61.2 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: 14.536 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011081.D

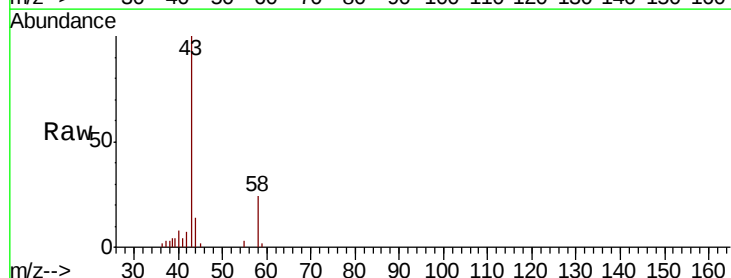
Acq: 01 Jul 2019 13:35

Tgt Ion: 43 Resp: 8744

Ion Ratio Lower Upper

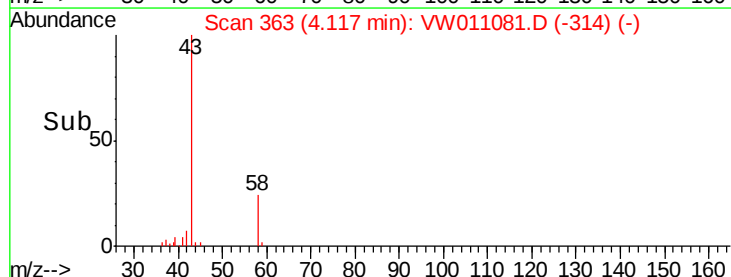
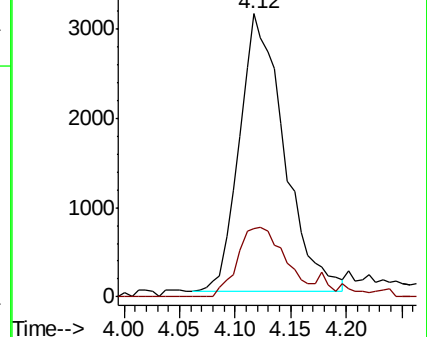
43 100

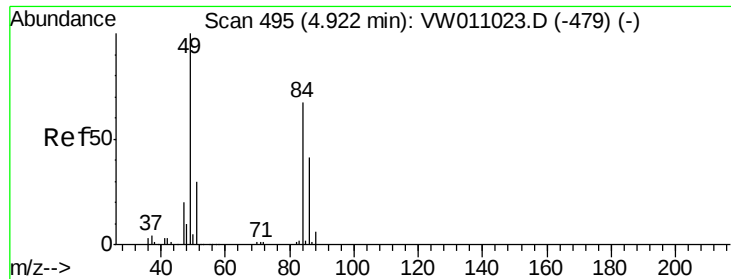
58 24.6 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

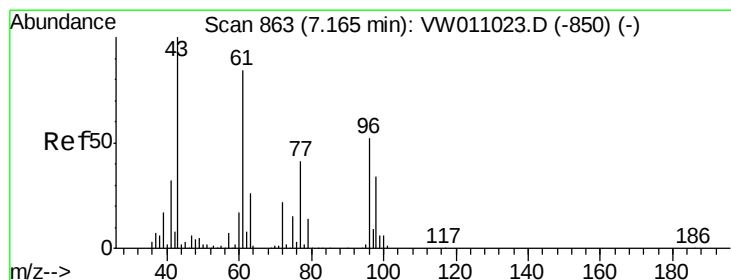
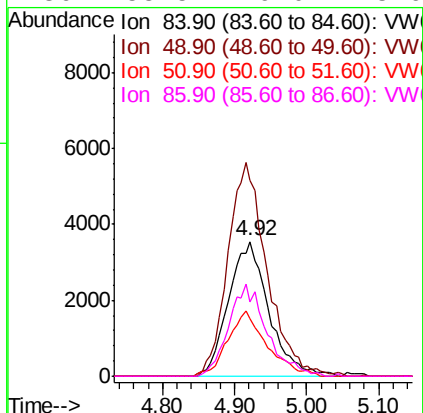
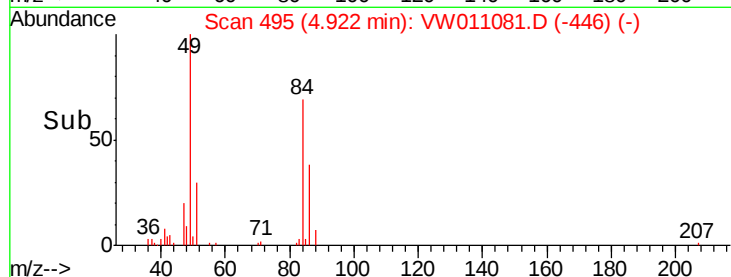
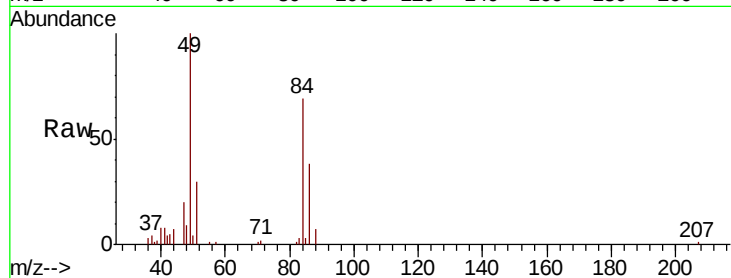




#20
Methvlene Chloride
Concen: 5.630 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

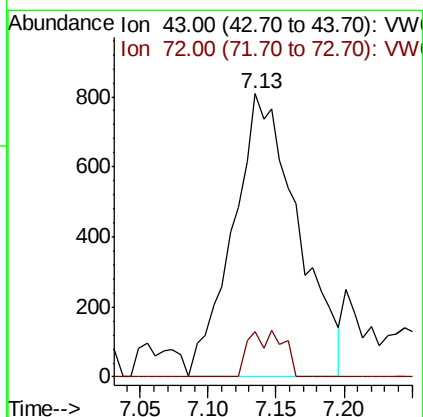
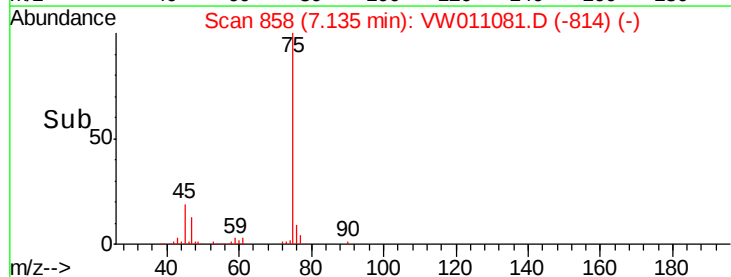
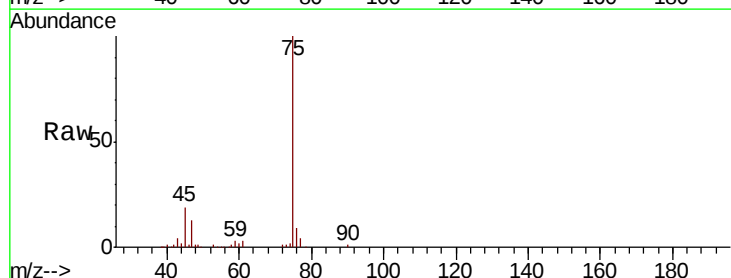
Instrument :
MSVOA_W
ClientSampleId :
HJDC-GRAB-1

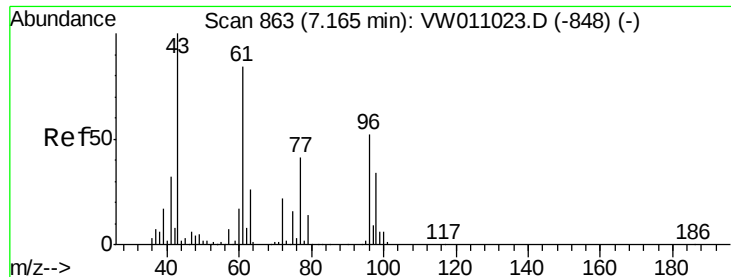
Tot Ion: 84 Resp: 13761
Ion Ratio Lower Upper
84 100
49 145.6 119.6 179.4
51 43.0 35.6 53.4
86 55.5 49.0 73.6



#25
2-Butanone
Concen: 2.937 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

Tgt Ion: 43 Resp: 2686
Ion Ratio Lower Upper
43 100
72 16.1 17.2 25.8#





#26

2,2-Dichloropropane

Concen: 1.114 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampled :

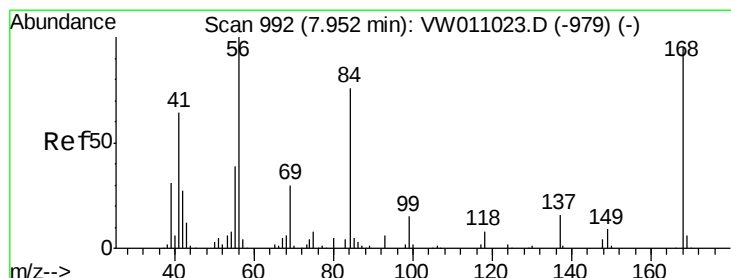
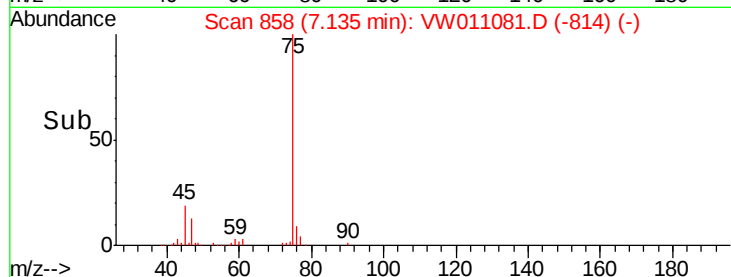
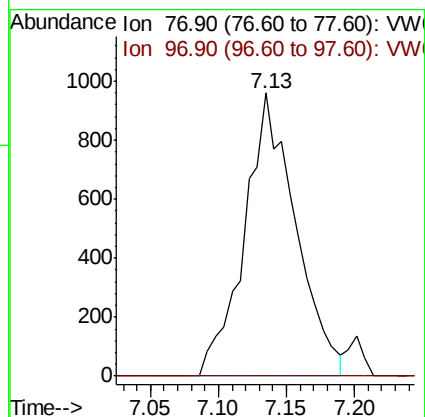
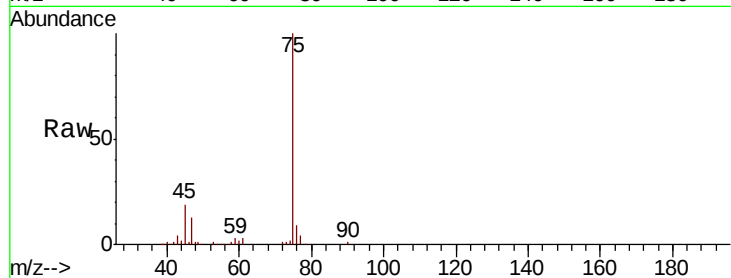
HJDC-GRAB-1

Tot Ion: 77 Resp: 2523

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.7#



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

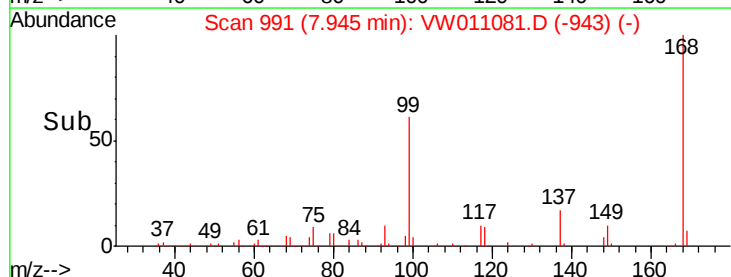
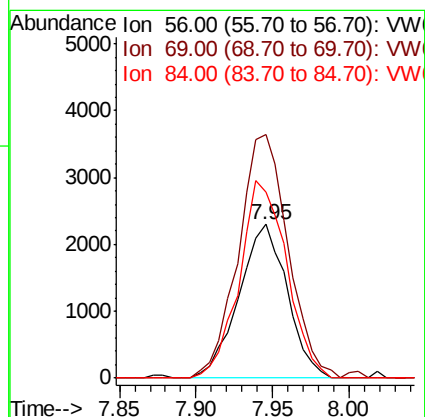
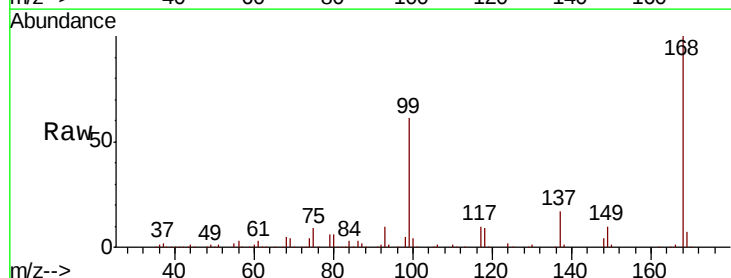
Tgt Ion: 56 Resp: 5052

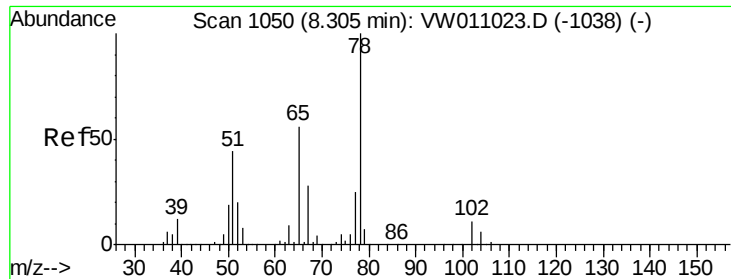
Ion Ratio Lower Upper

56 100

69 158.3 24.2 36.2#

84 120.9 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 50.076 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

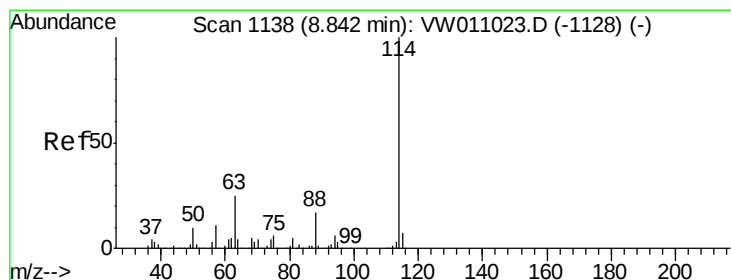
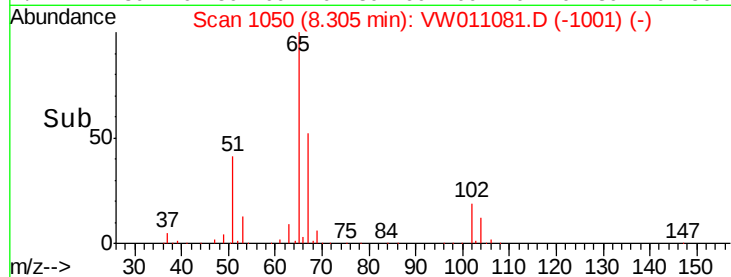
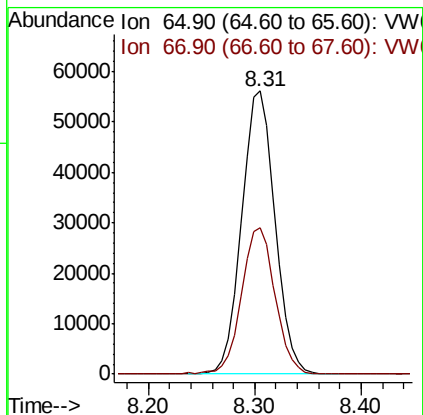
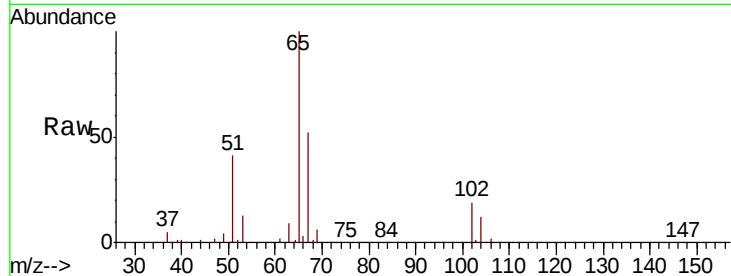
HJDC-GRAB-1

Tot Ion: 65 Resp: 123408

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

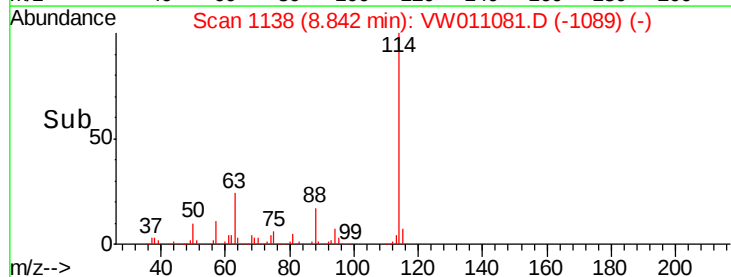
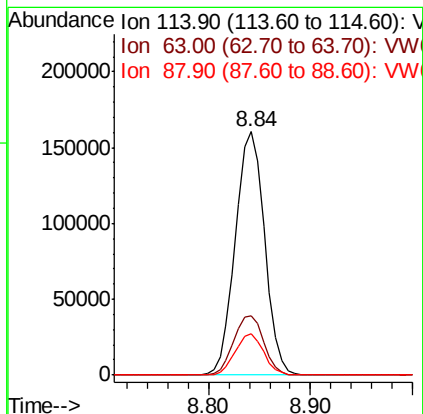
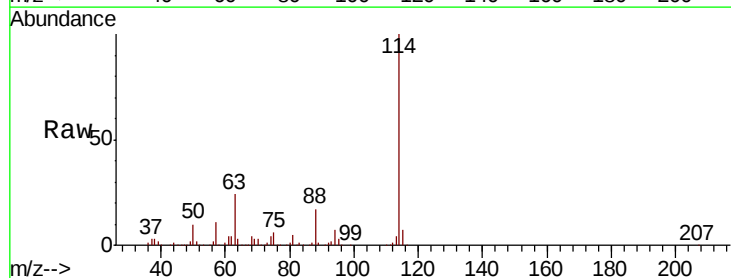
Tgt Ion: 114 Resp: 319454

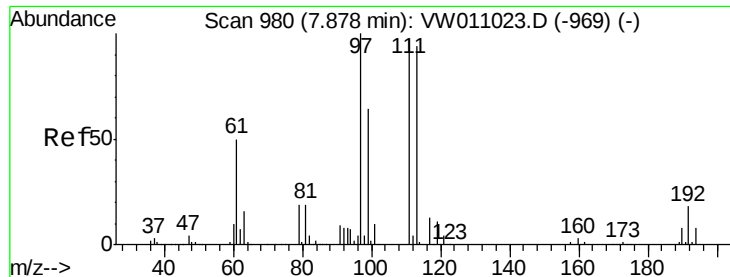
Ion Ratio Lower Upper

114 100

63 24.4 0.0 50.6

88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.052 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

HJDC-GRAB-1

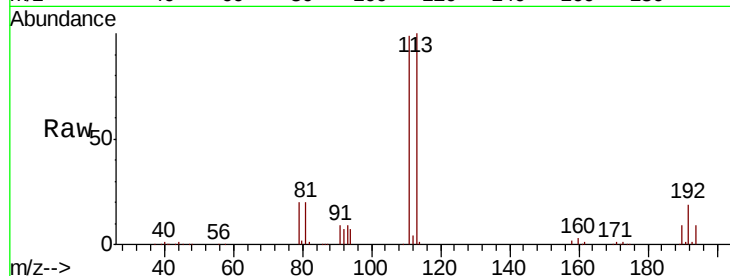
Tot Ion:113 Resp: 97637

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

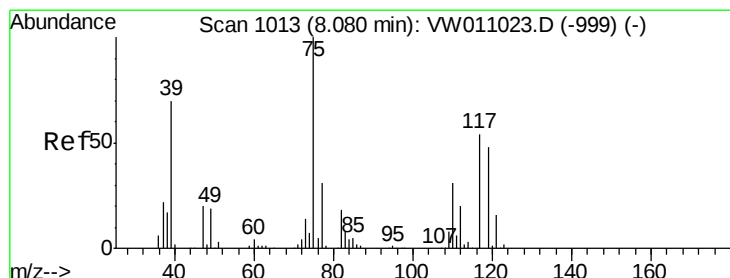
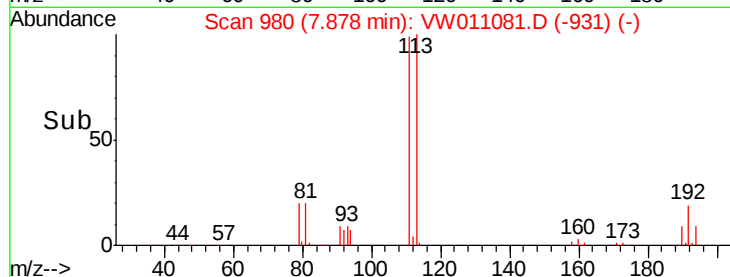
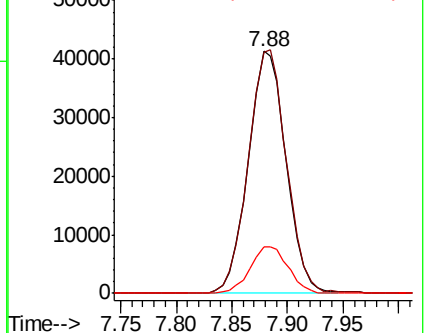
192 19.5 16.0 24.0



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: 4.883 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

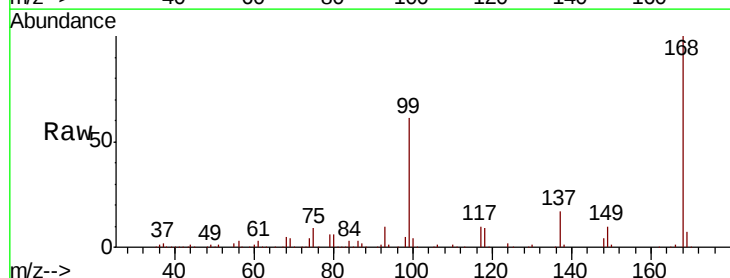
Tgt Ion: 75 Resp: 16766

Ion Ratio Lower Upper

75 100

110 8.9 15.5 46.5#

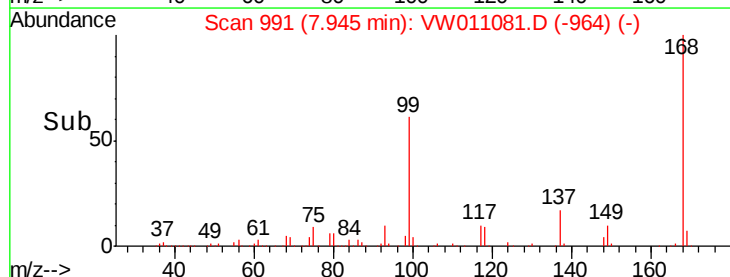
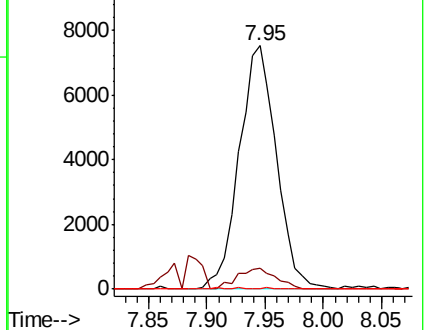
77 0.1 24.9 37.3#

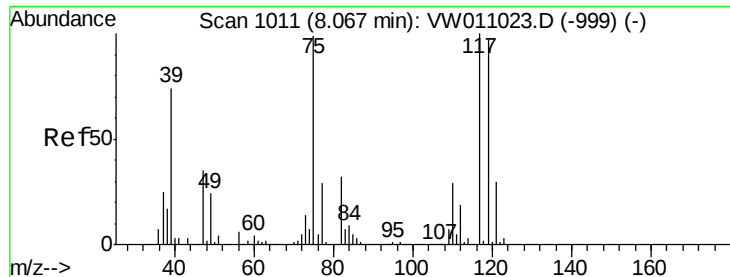


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

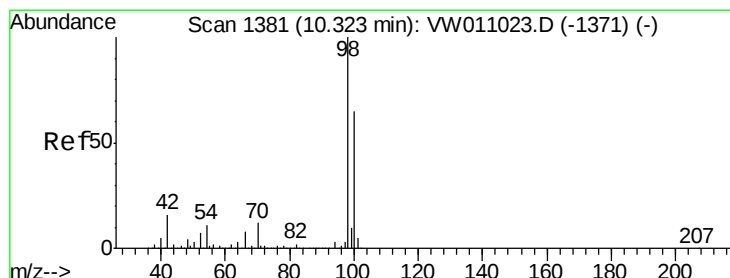
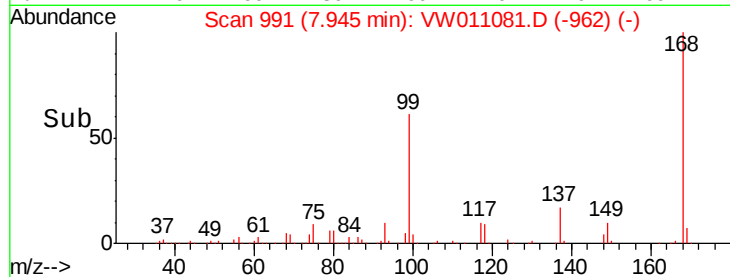
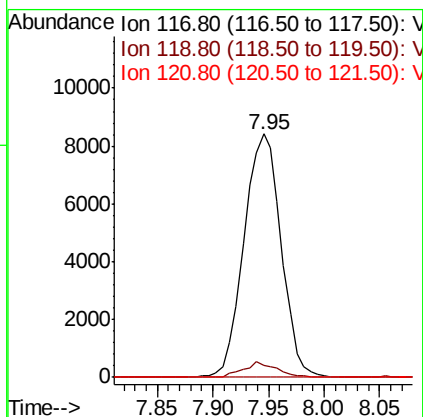
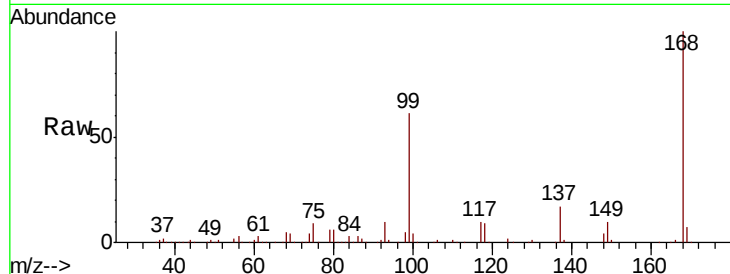




#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

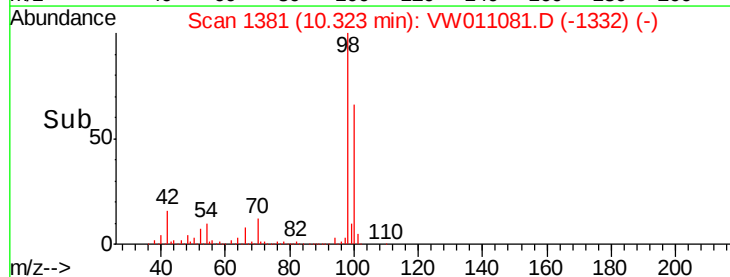
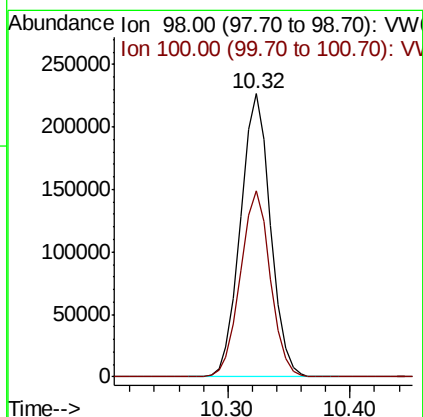
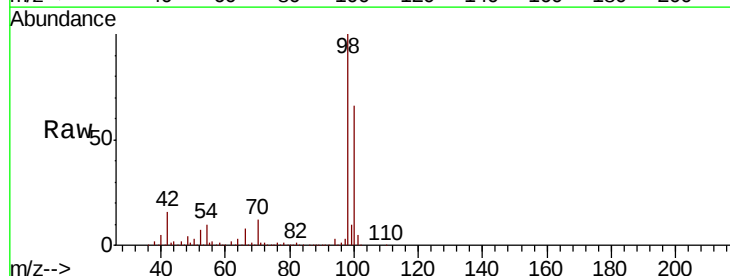
Instrument :
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HJDC-GRAB-1

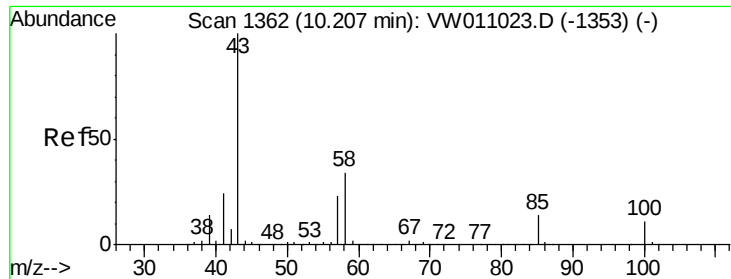
Tot Ion:117 Resp: 19503
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.963 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

Tgt Ion: 98 Resp: 385127
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.195 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

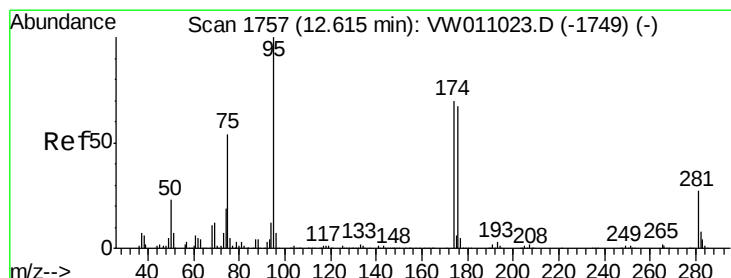
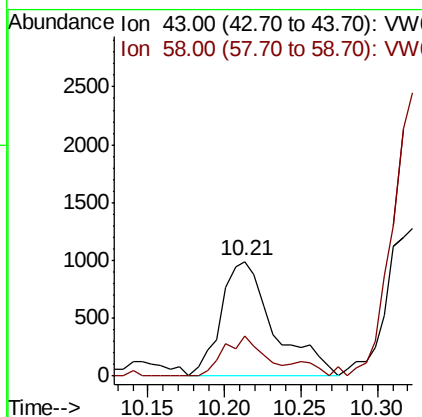
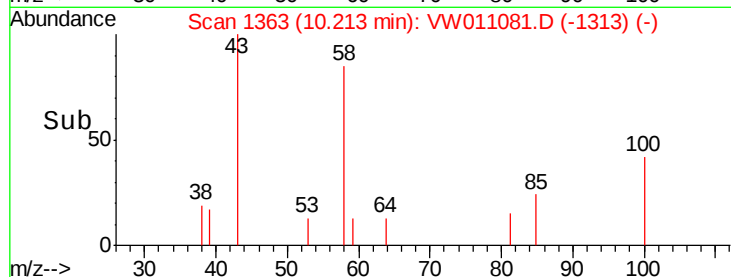
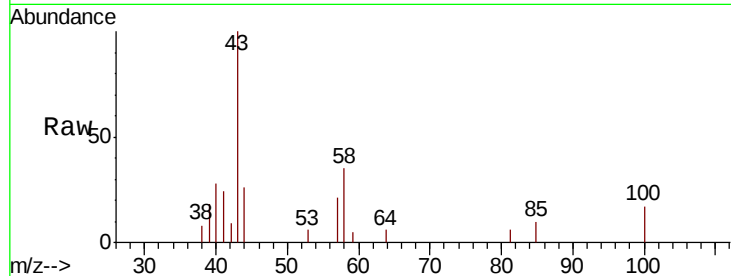
HJDC-GRAB-1

Tot Ion: 43 Resp: 2377

Ion Ratio Lower Upper

43 100

58 26.1 27.8 41.6#



#62

4-Bromofluorobenzene

Concen: 35.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

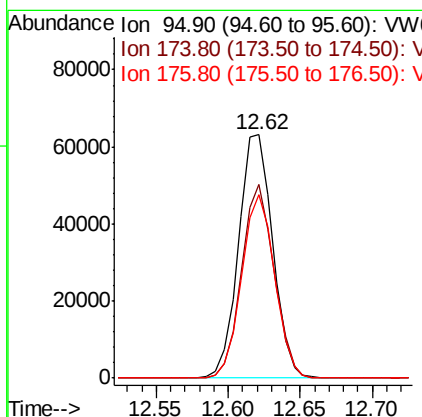
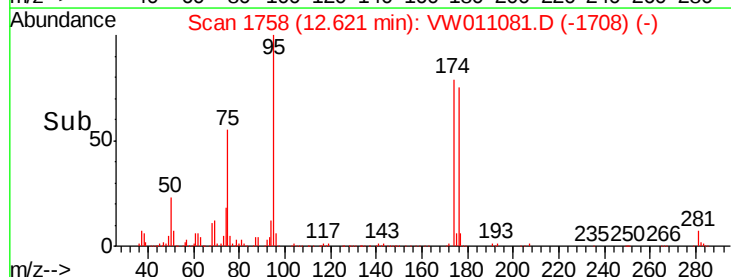
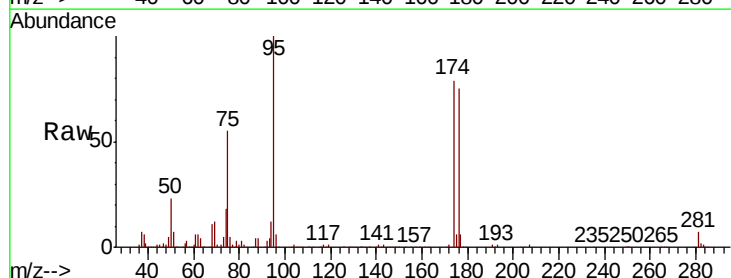
Tgt Ion: 95 Resp: 103756

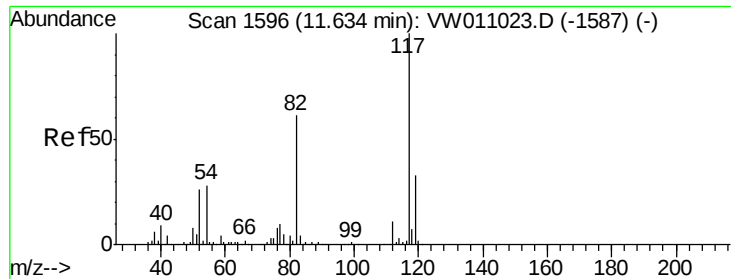
Ion Ratio Lower Upper

95 100

174 75.8 0.0 149.2

176 73.0 0.0 143.6

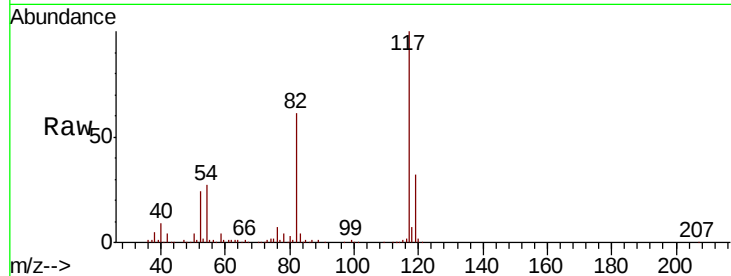




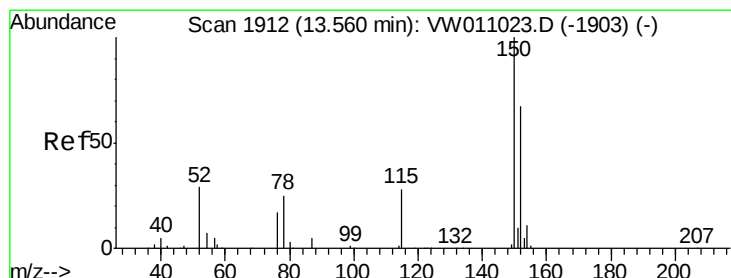
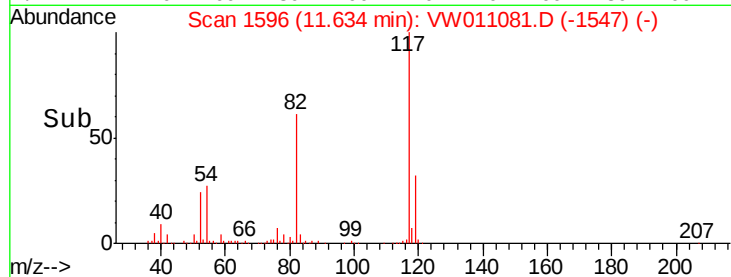
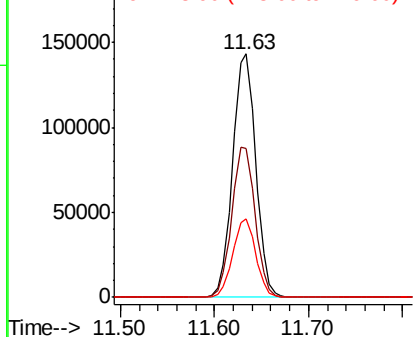
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
HJDC-GRAB-1

Tot Ion:117 Resp: 243768
Ion Ratio Lower Upper
117 100
82 61.2 48.6 73.0
119 32.4 26.1 39.1

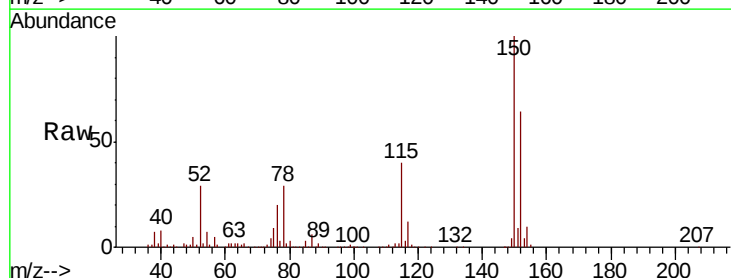


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

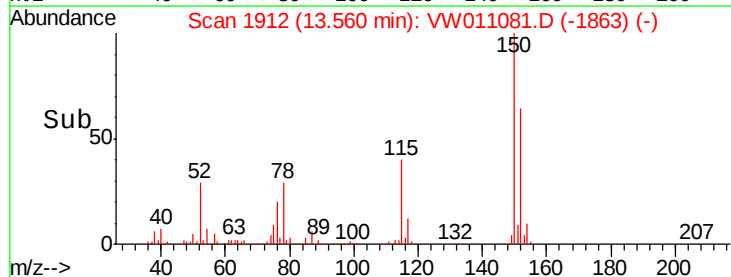
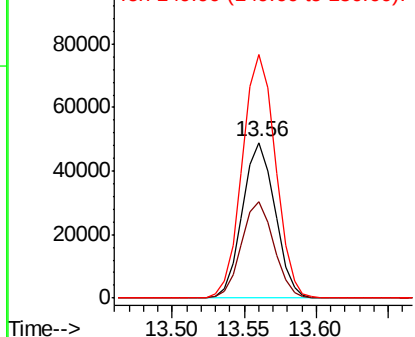


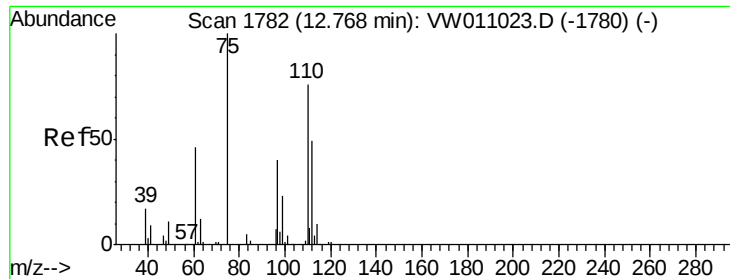
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011081.D
Acq: 01 Jul 2019 13:35

Tgt Ion:152 Resp: 77159
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 159.4 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: 70.487 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

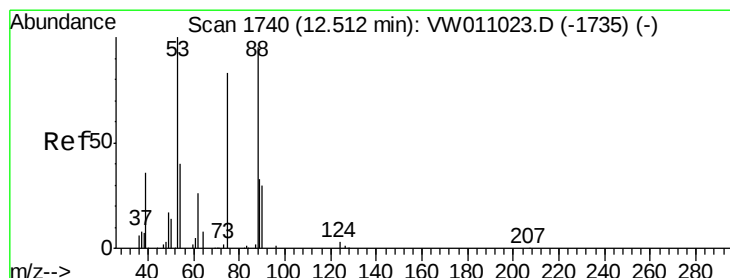
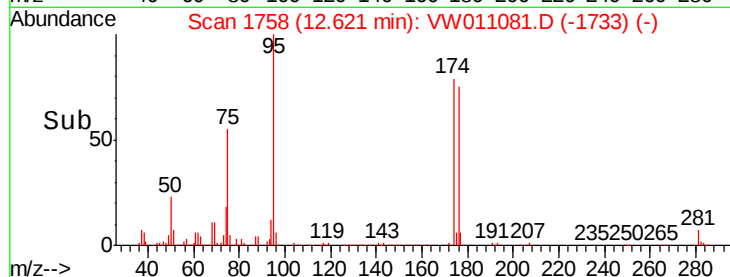
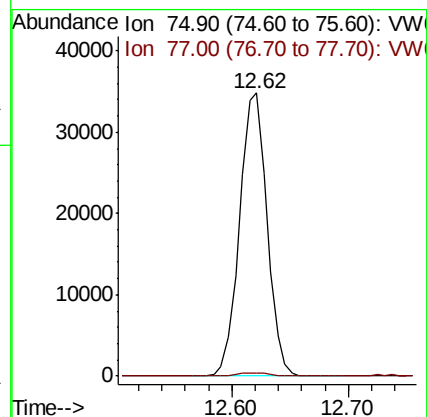
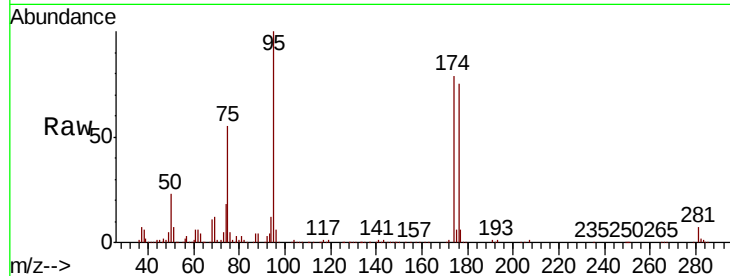
HJDC-GRAB-1

Tot Ion: 75 Resp: 57419

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.775 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

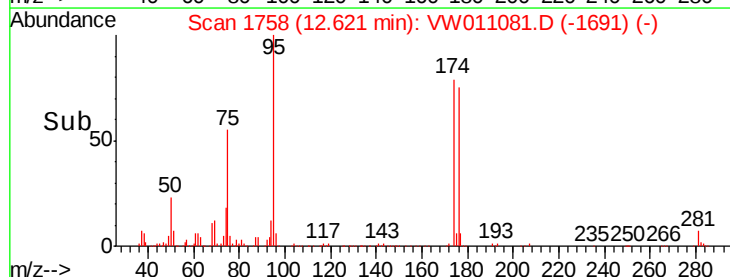
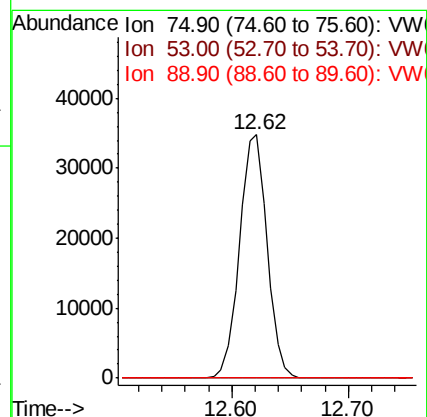
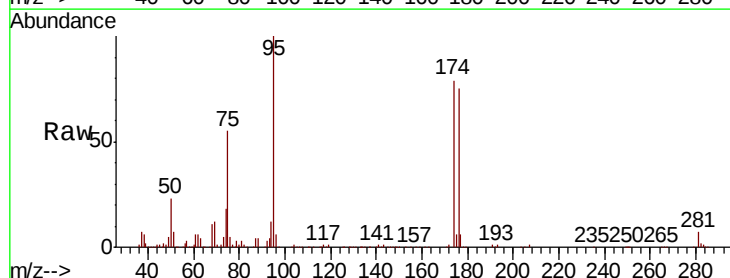
Tgt Ion: 75 Resp: 57419

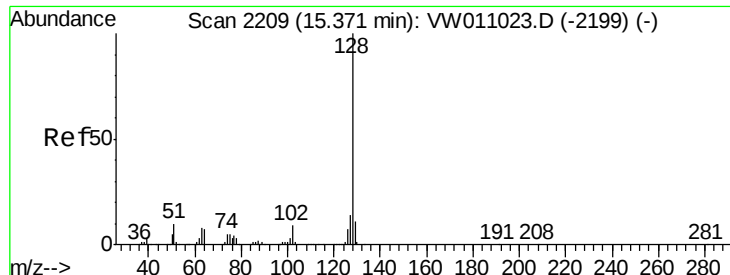
Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#





#95

Naphthalene

Concen: 1.173 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011081.D

Acq: 01 Jul 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

HJDC-GRAB-1

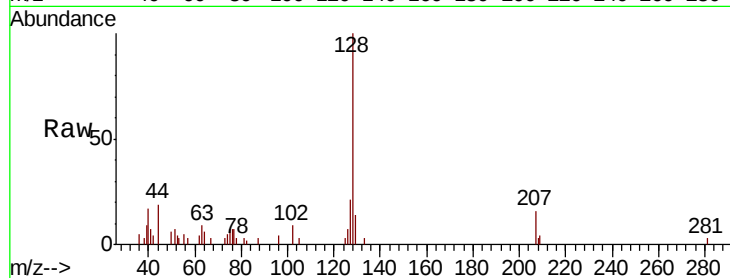
Tot Ion:128 Resp: 3498

Ion Ratio Lower Upper

128 100

127 16.2 10.7 16.1#

129 13.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

