

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011207.D
 Acq On : 10 Jul 2019 23:38
 Operator : SY/VA
 Sample : K3733-06
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Quant Time: Jul 11 08:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65987	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	73363	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
35) Dibromofluoromethane	7.88	113	56984	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	224883	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	73901	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	

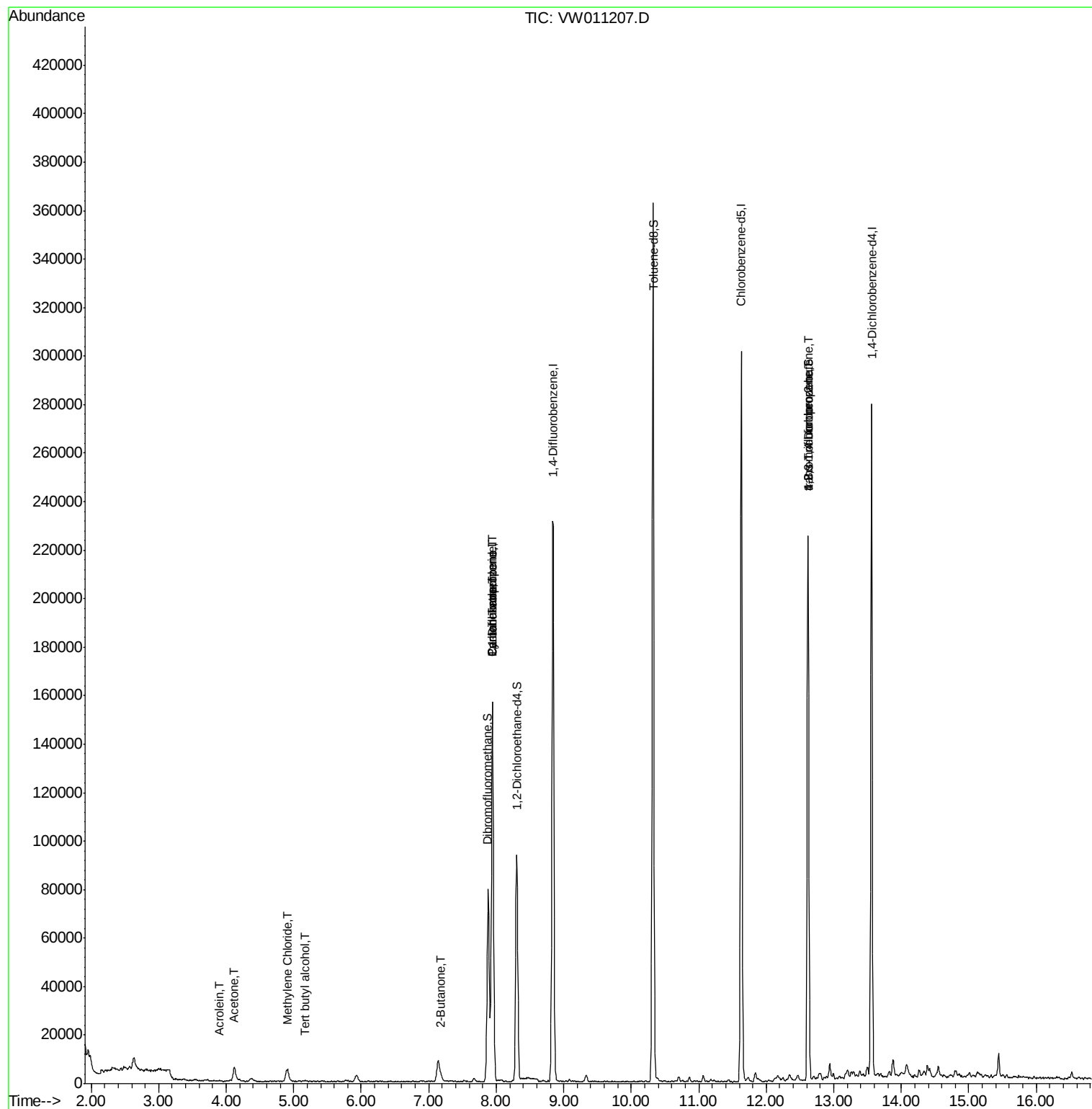
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	306	2.961	ug/l #	70
13) Acrolein	3.90	56	156	1.896	ug/l #	32
16) Acetone	4.12	43	11627	34.623	ug/l	99
20) Methylene Chloride	4.90	84	3402	2.568	ug/l	87
25) 2-Butanone	7.18	43	4415	8.375	ug/l	98
31) Cyclohexane	7.95	56	3789	1.401	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	10060	5.158	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11348	6.864	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	40055	52.527	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40055	118.806	ug/l #	6

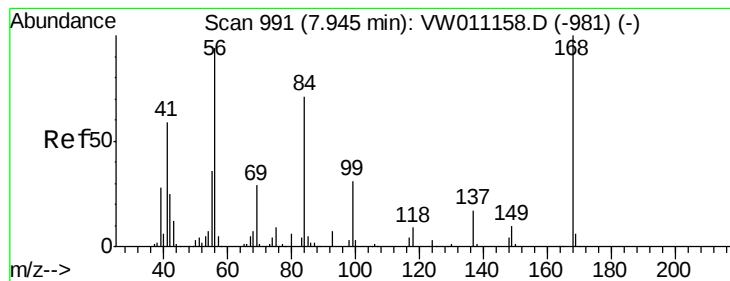
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 10 06:41:08 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: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

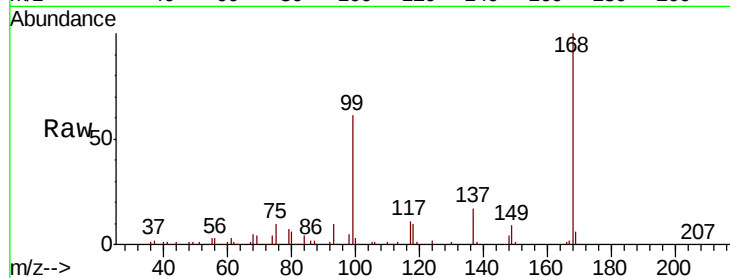
DUP-0537-190709

Tot Ion:168 Resp: 111073

Ion Ratio Lower Upper

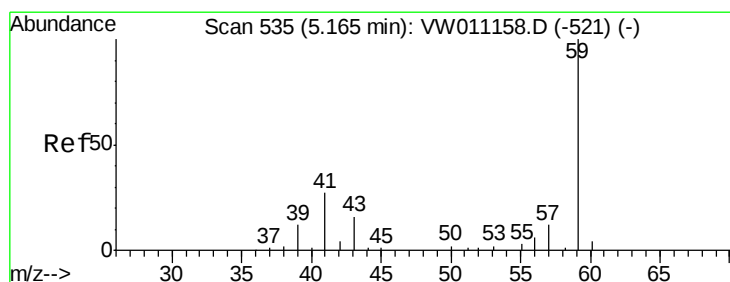
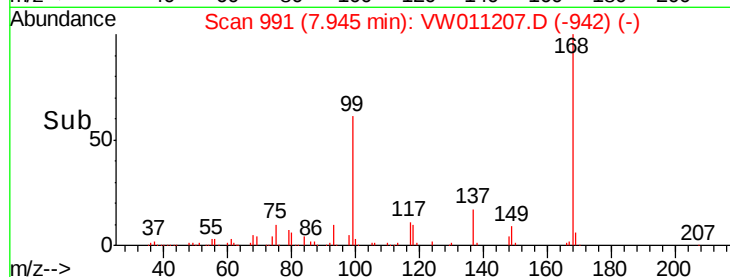
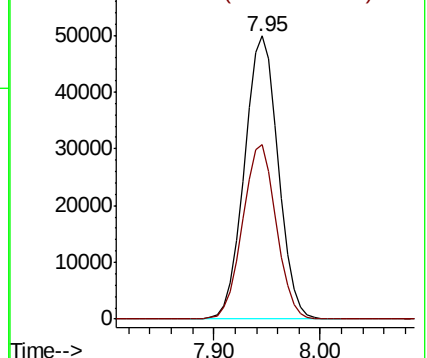
168 100

99 61.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.961 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011207.D

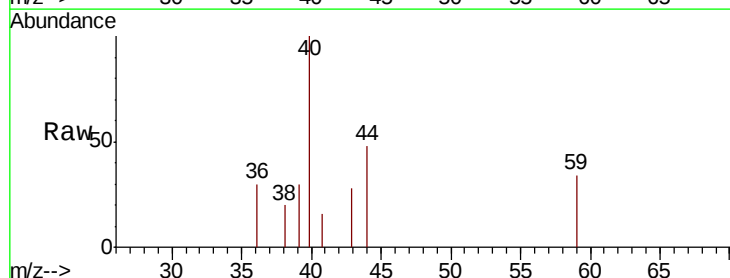
Acq: 10 Jul 2019 23:38

Tgt Ion: 59 Resp: 306

Ion Ratio Lower Upper

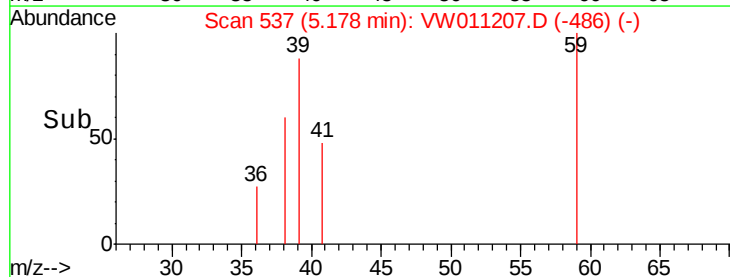
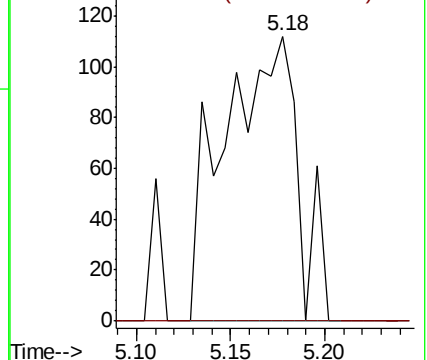
59 100

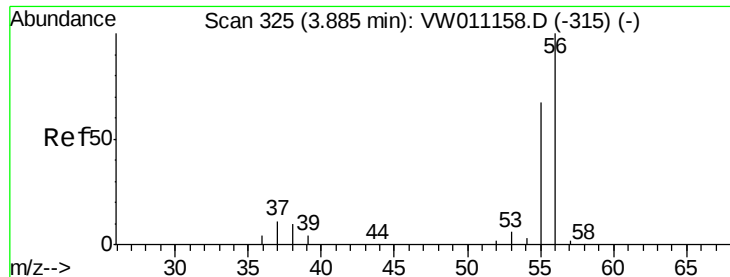
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

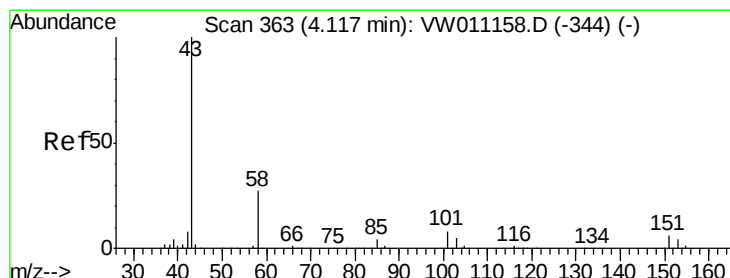
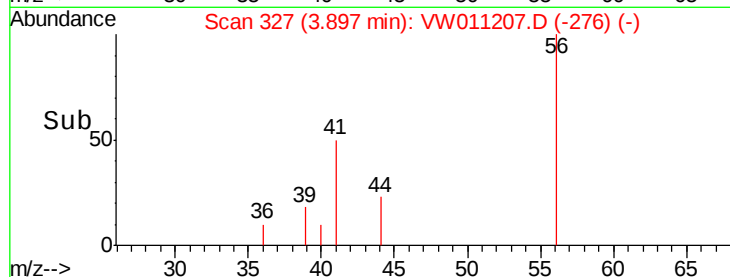
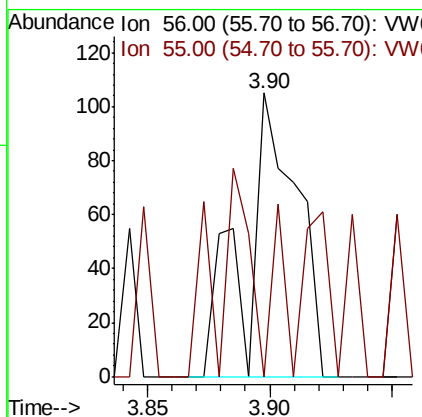
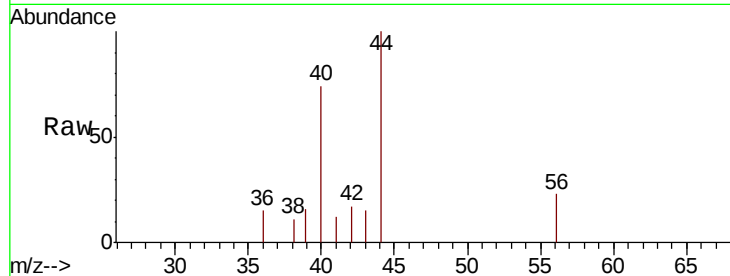




#13
Acrolein
Concen: 1.896 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

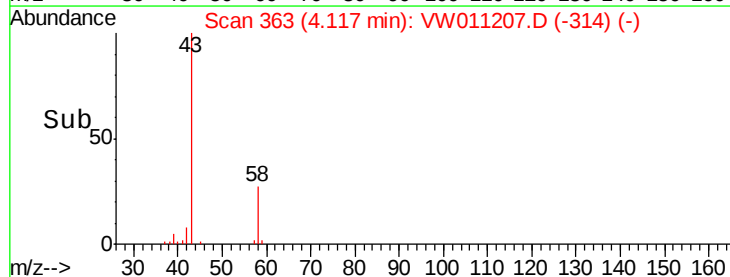
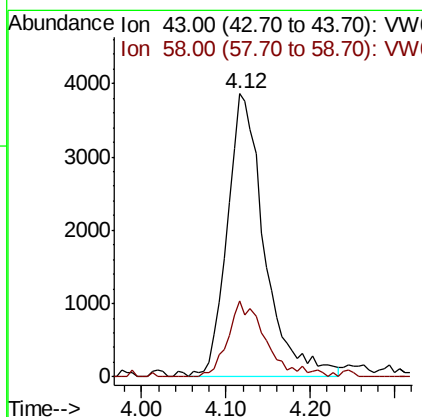
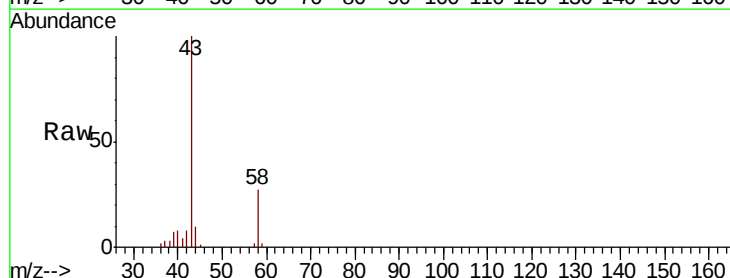
Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

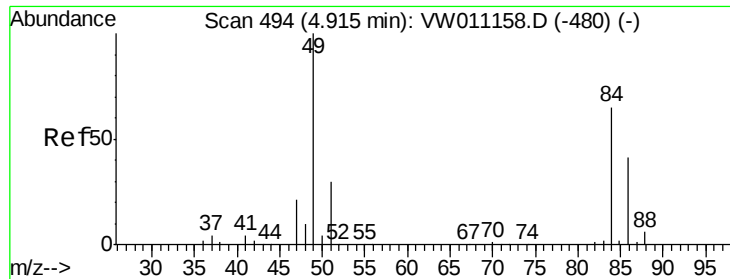
Tot Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 14.7 56.4 84.6#



#16
Acetone
Concen: 34.623 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

Tgt Ion: 43 Resp: 11627
Ion Ratio Lower Upper
43 100
58 26.8 21.8 32.6

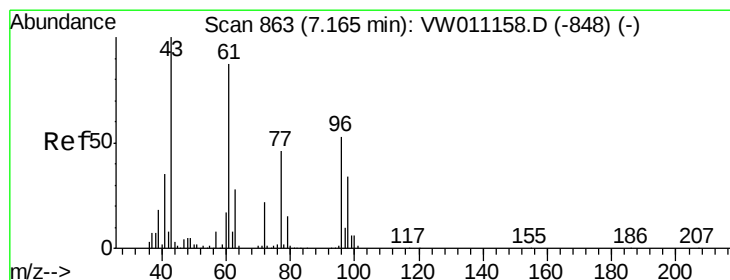
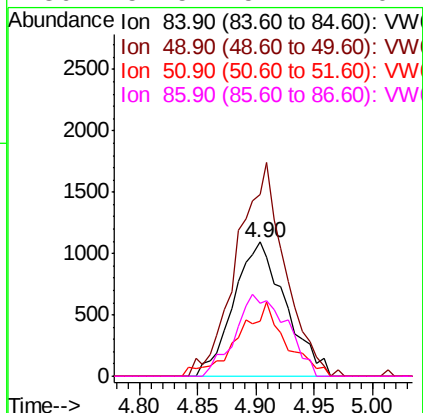
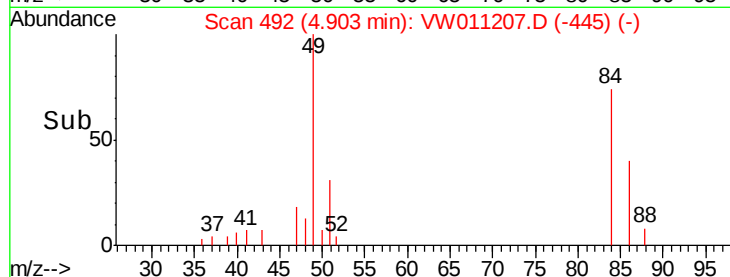
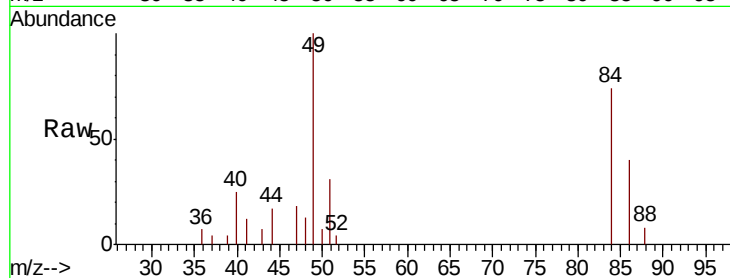




#20
Methvlene Chloride
Concen: 2.568 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

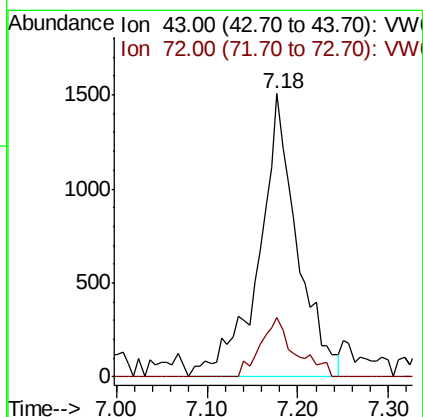
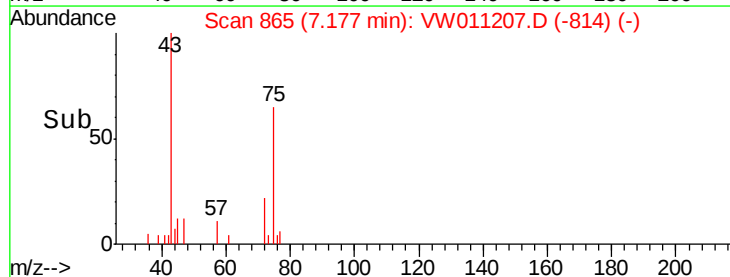
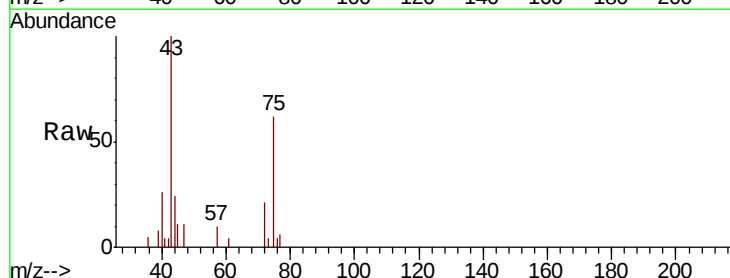
Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

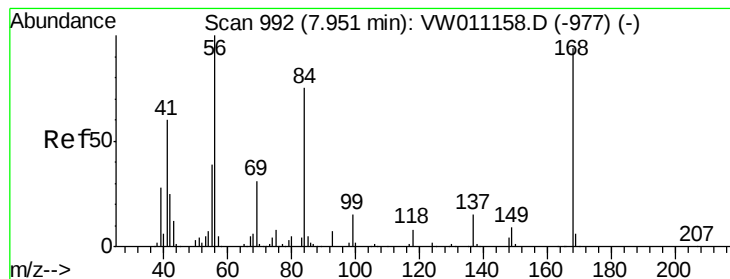
Tot Ion: 84 Resp: 3402
Ion Ratio Lower Upper
84 100
49 135.4 123.8 185.6
51 41.4 37.4 56.2
86 54.5 51.1 76.7



#25
2-Butanone
Concen: 8.375 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

Tgt Ion: 43 Resp: 4415
Ion Ratio Lower Upper
43 100
72 20.9 17.6 26.4





#31

Cvclohexane

Concen: 1.401 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

DUP-0537-190709

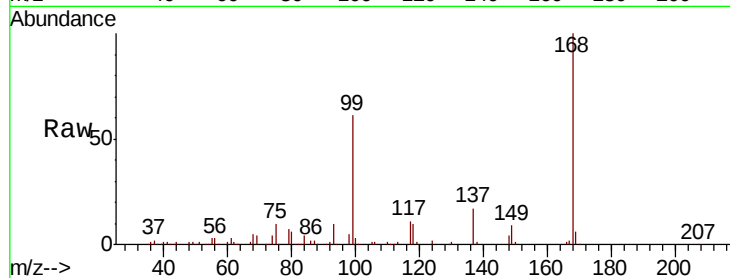
Tot Ion: 56 Resp: 3789

Ion Ratio Lower Upper

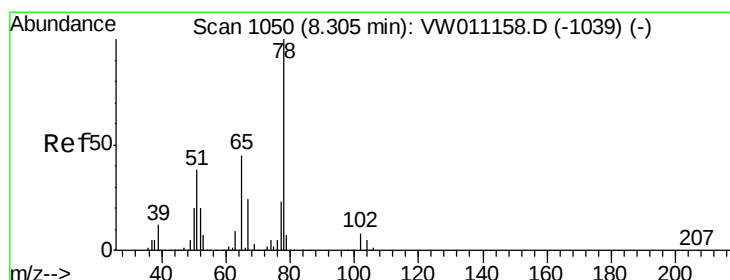
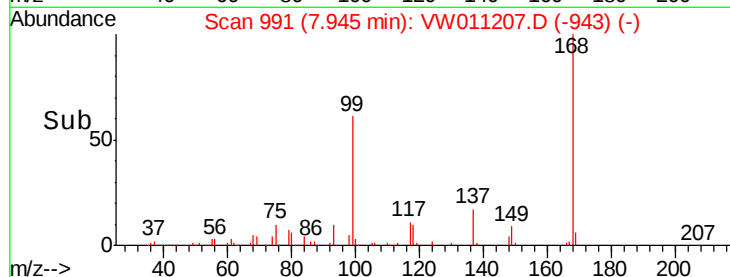
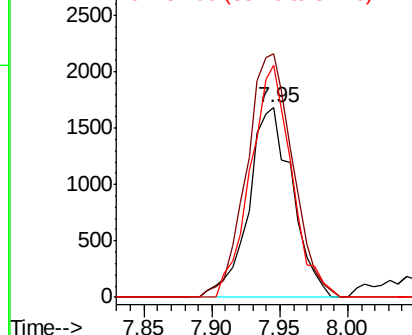
56 100

69 128.5 24.6 36.8#

84 122.3 60.1 90.1#



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: 52.565 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011207.D

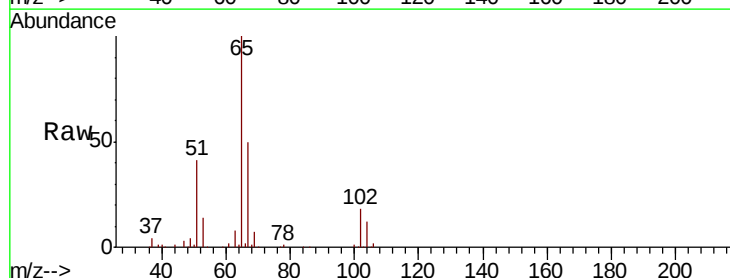
Acq: 10 Jul 2019 23:38

Tgt Ion: 65 Resp: 73363

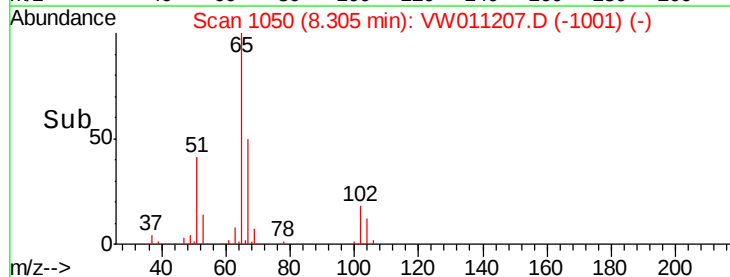
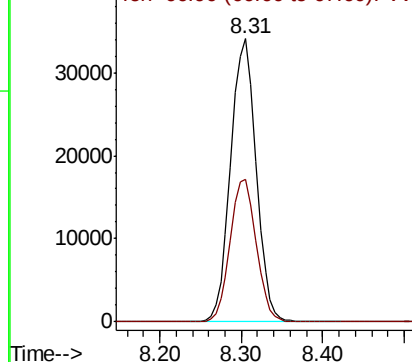
Ion Ratio Lower Upper

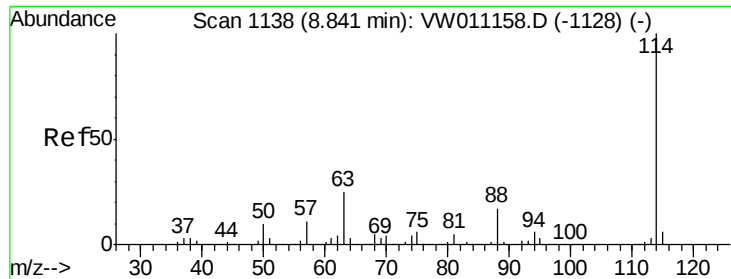
65 100

67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

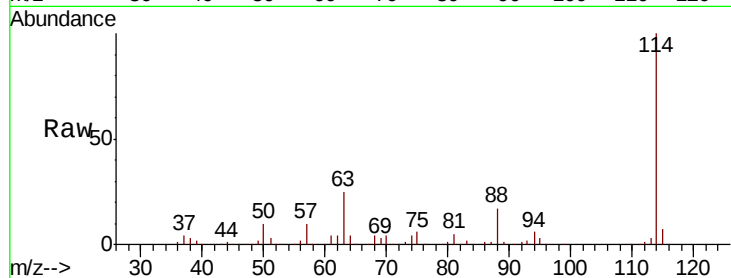




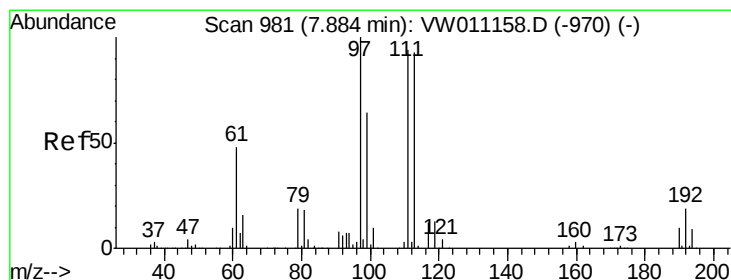
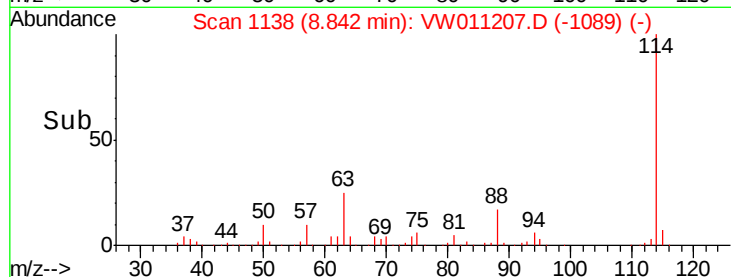
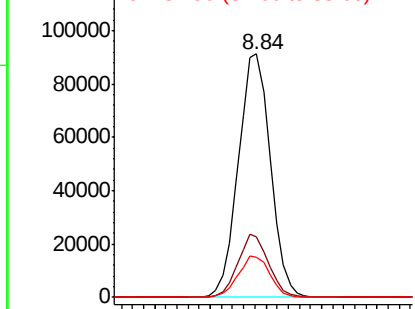
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0537-190709

Tot Ion:114 Resp: 183132
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 16.7 0.0 34.2

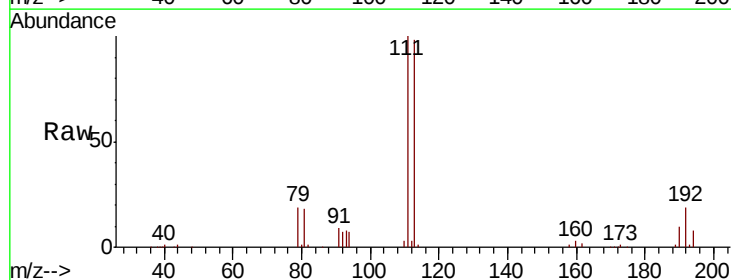


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

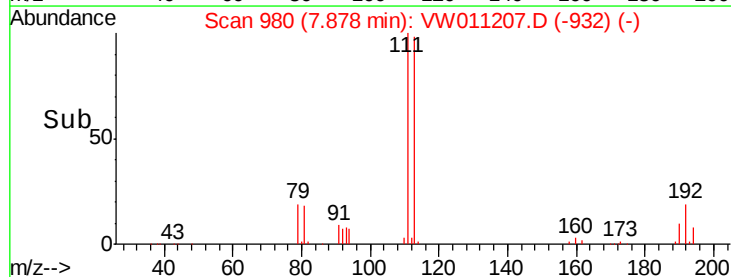
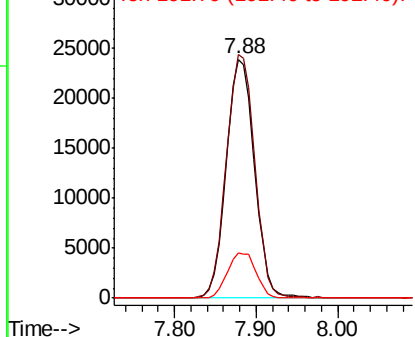


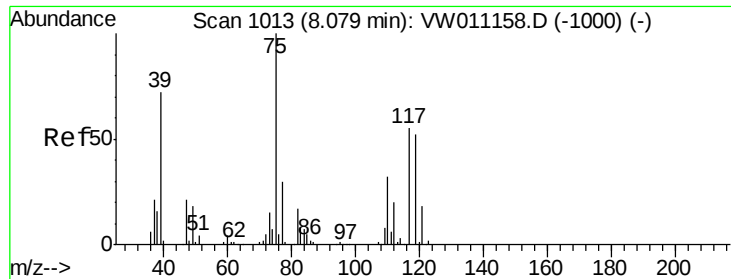
#35
 Dibromofluoromethane
 Concen: 52.205 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

Tgt Ion:113 Resp: 56984
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 19.4 15.8 23.8



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

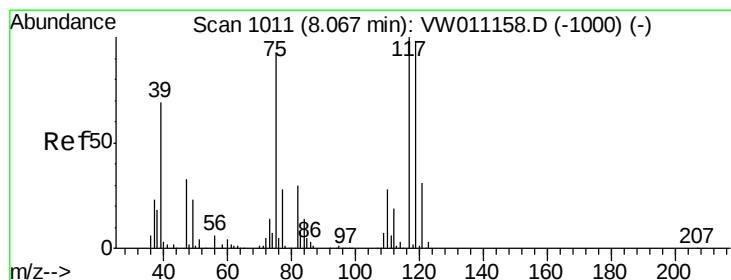
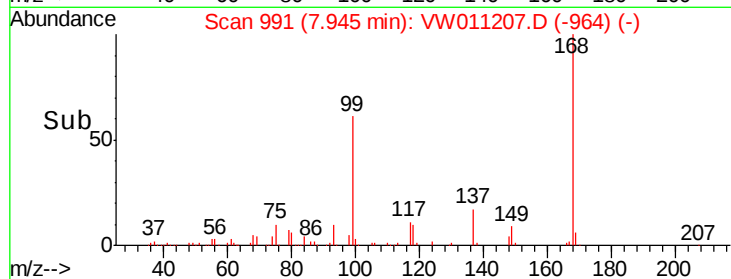
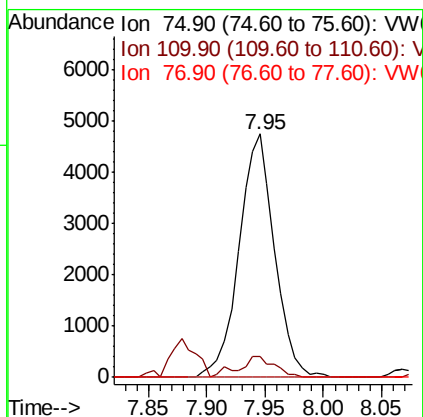
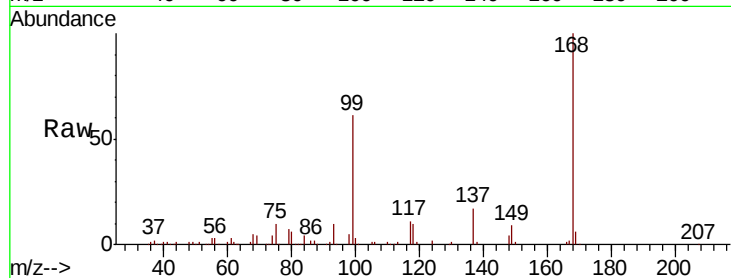




#36
 1,1-Dichloropropene
 Concen: 5.158 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

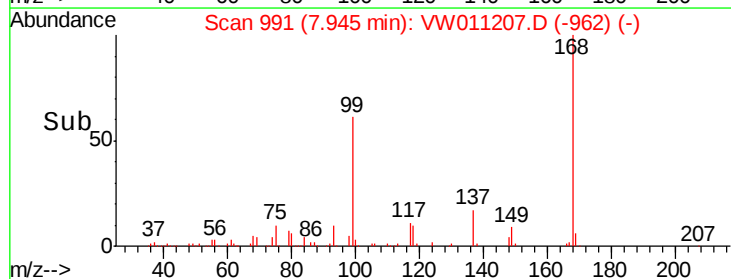
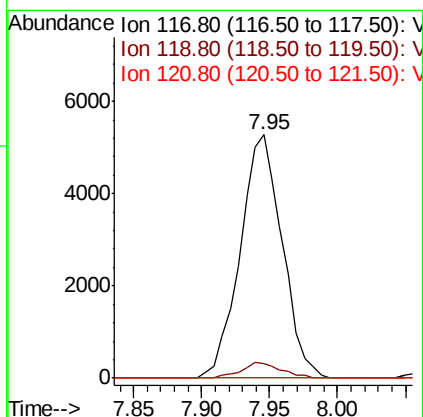
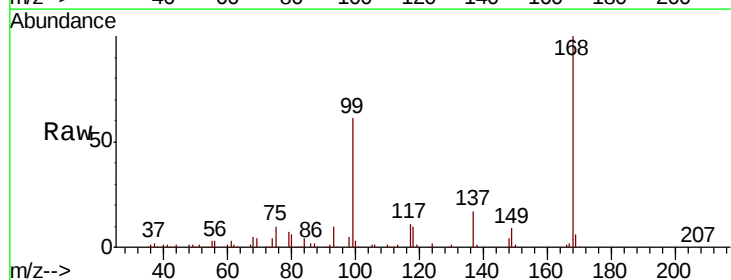
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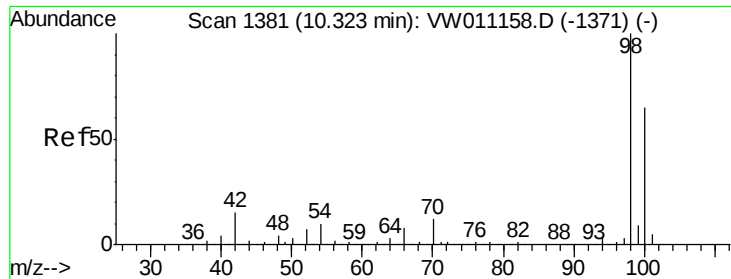
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.864 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011207.D
 Acq: 10 Jul 2019 23:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 50.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

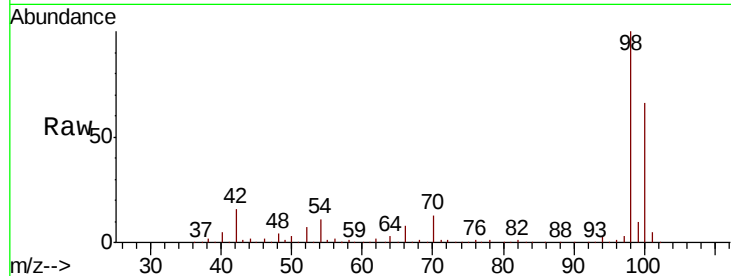
DUP-0537-190709

Tot Ion: 98 Resp: 224883

Ion Ratio Lower Upper

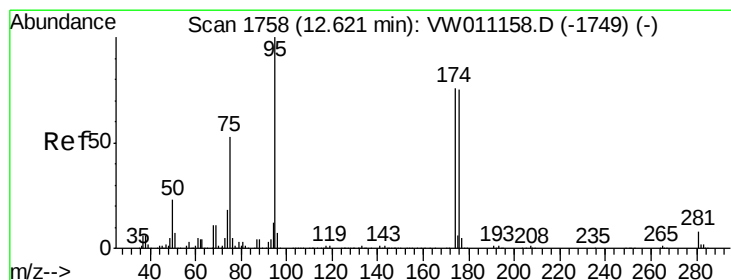
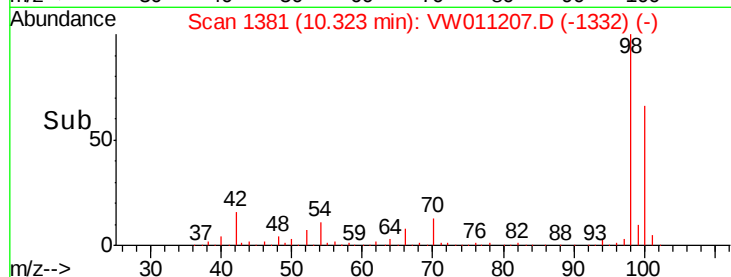
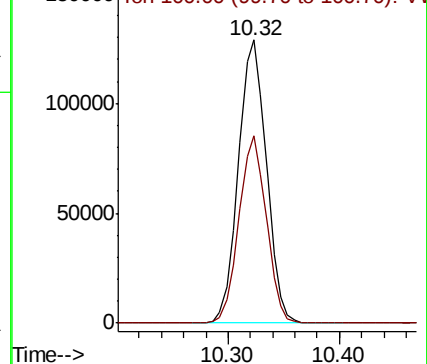
98 100

100 64.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.696 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

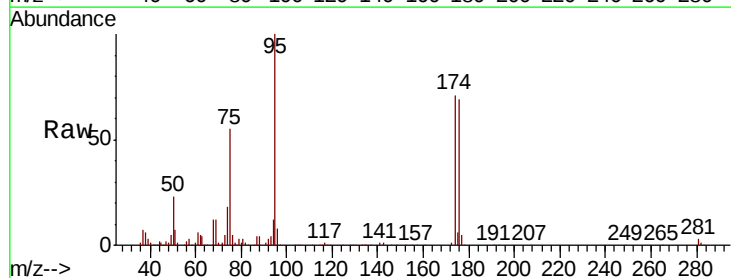
Tgt Ion: 95 Resp: 73901

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

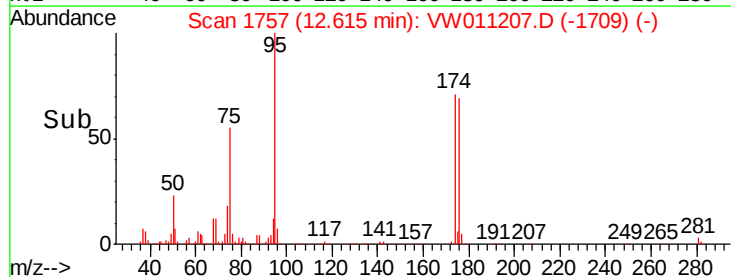
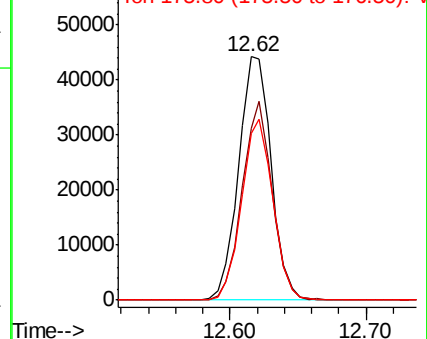
176 71.3 0.0 144.6

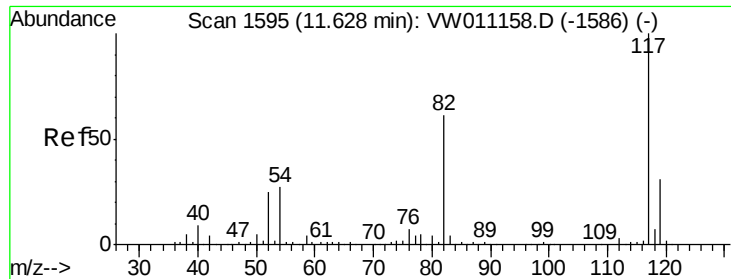


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

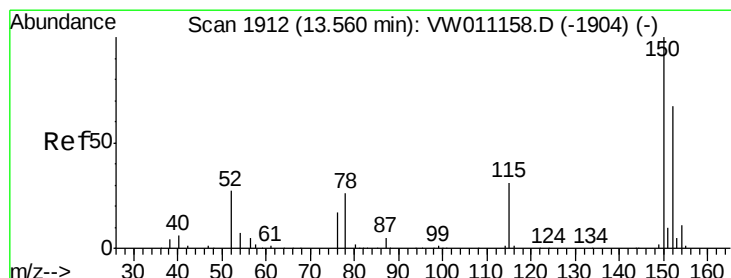
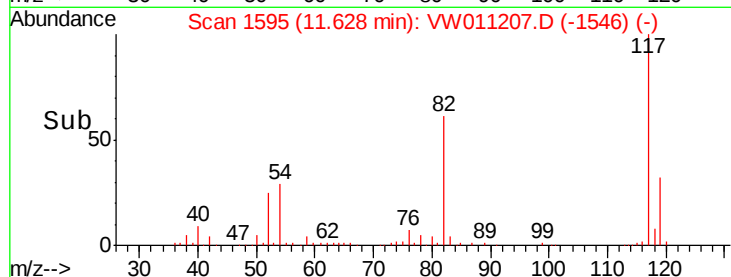
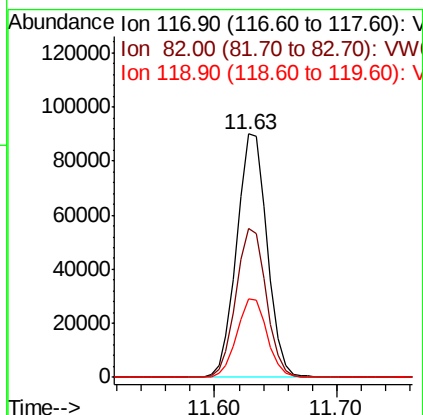
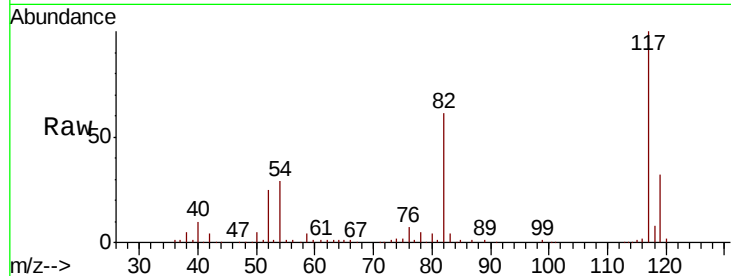




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

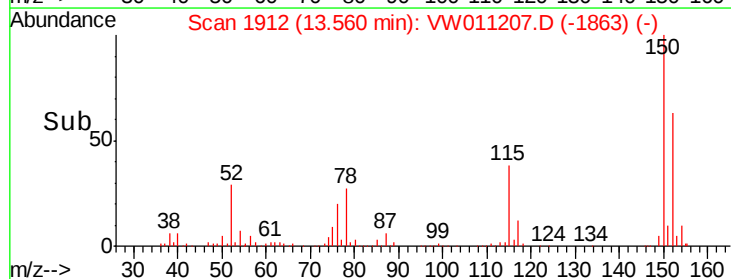
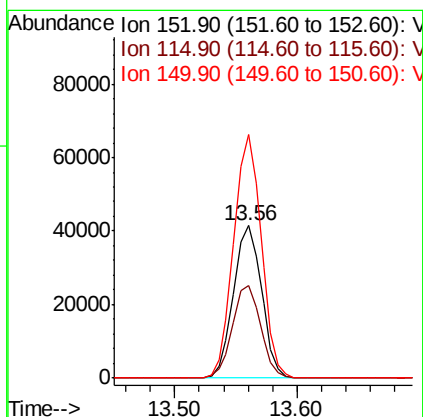
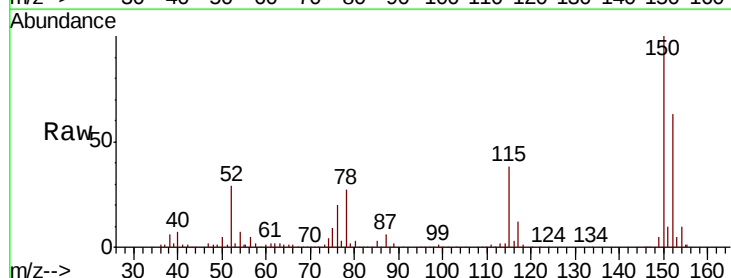
Instrument :
MSVOA_W
ClientSampleId :
DUP-0537-190709

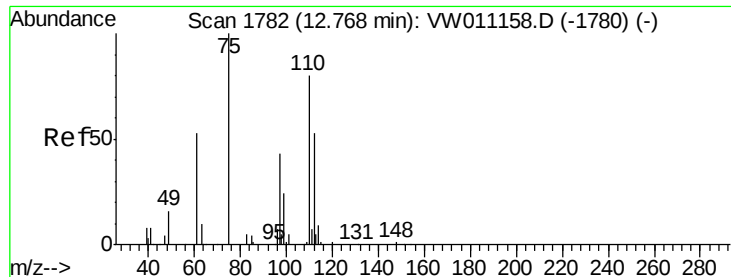
Tot Ion:117 Resp: 154595
Ion Ratio Lower Upper
117 100
82 61.2 48.9 73.3
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011207.D
Acq: 10 Jul 2019 23:38

Tgt Ion:152 Resp: 65987
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 156.5 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 52.527 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

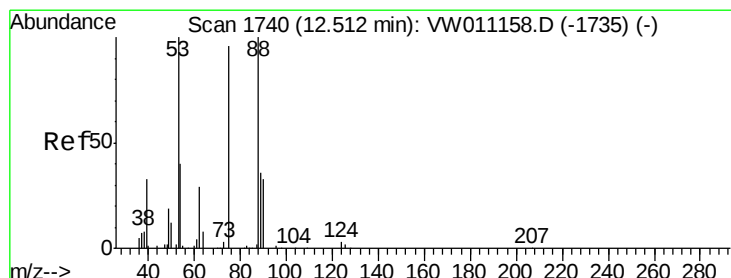
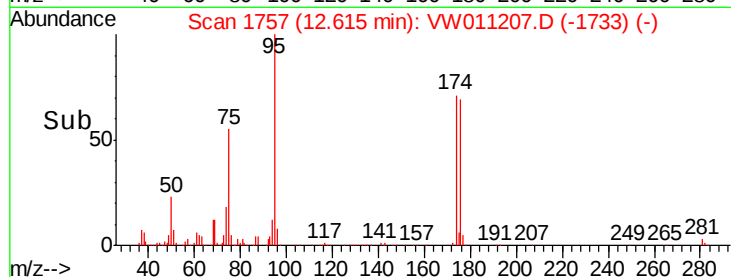
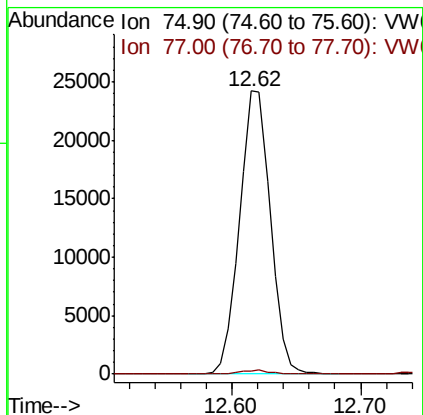
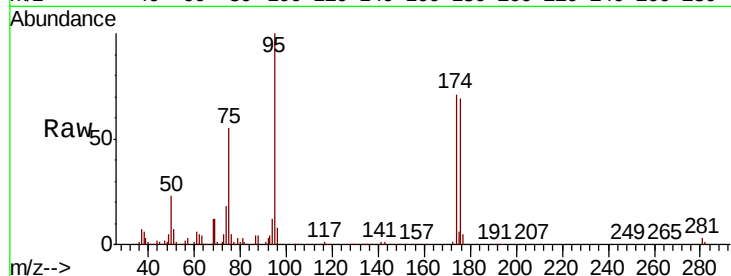
DUP-0537-190709

Tot Ion: 75 Resp: 40055

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.806 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011207.D

Acq: 10 Jul 2019 23:38

Tgt Ion: 75 Resp: 40055

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

