

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011208.D
 Acq On : 11 Jul 2019 00:04
 Operator : SY/VA
 Sample : K3626-01
 Misc : 7.20G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070919-A

Quant Time: Jul 11 08:10:17 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

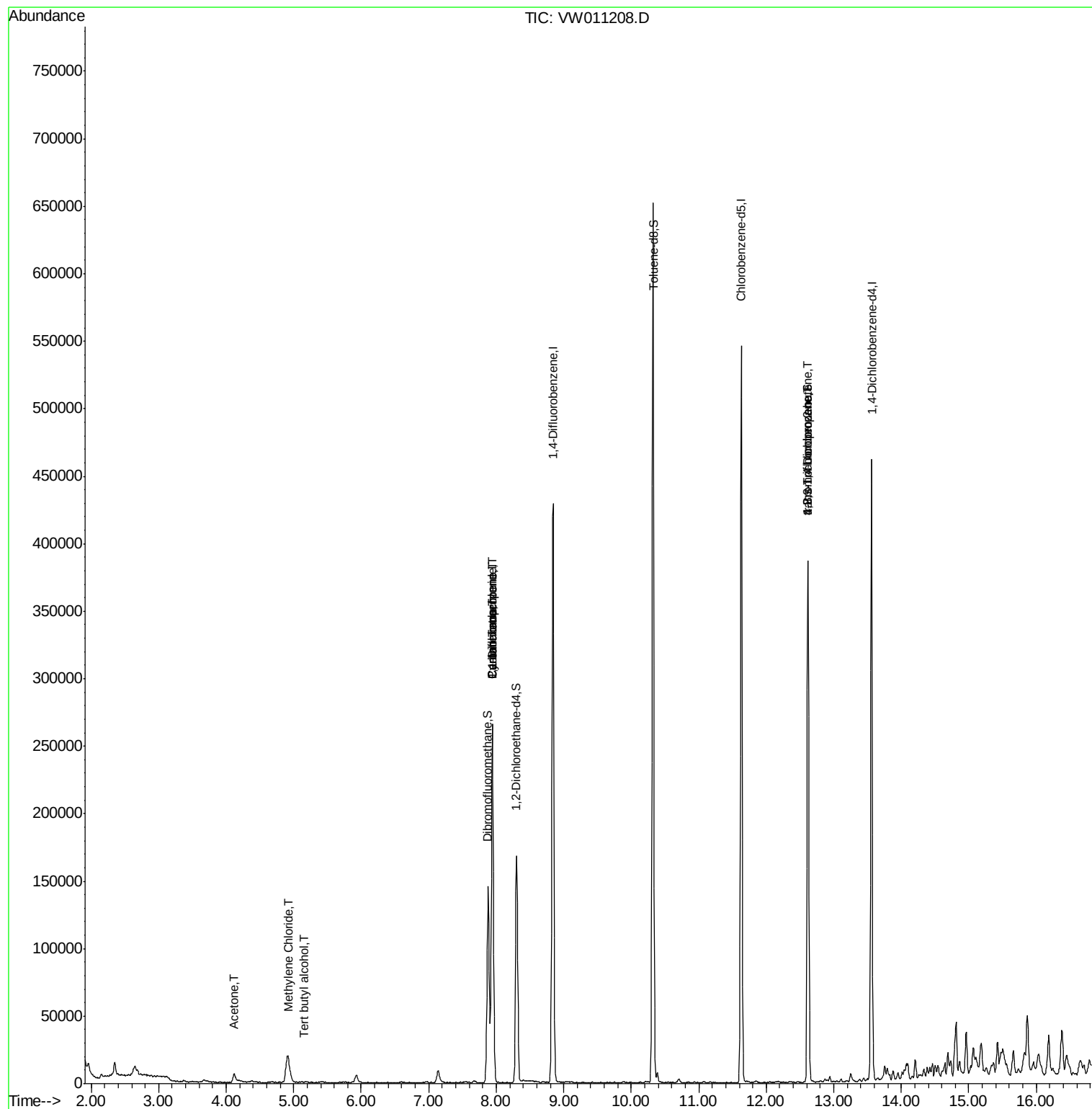
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133402	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	7.88	113	103437	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	408272	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	129777	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	525	2.945	ug/l #	81
16) Acetone	4.12	43	12513	21.602	ug/l	99
20) Methylene Chloride	4.91	84	16637	7.281	ug/l	96
31) Cyclohexane	7.95	56	5256	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16881	4.770	ug/l #	50
38) Carbon Tetrachloride	7.94	117	19434	6.478	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	69787	54.039	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69787	122.225	ug/l #	6

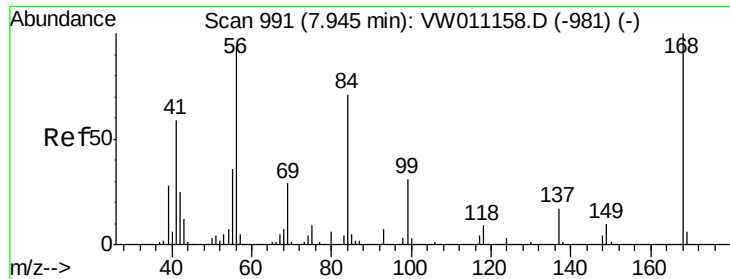
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW011208.D

Acq: 11 Jul 2019 00:04

Instrument :

MSVOA_W

ClientSampleId :

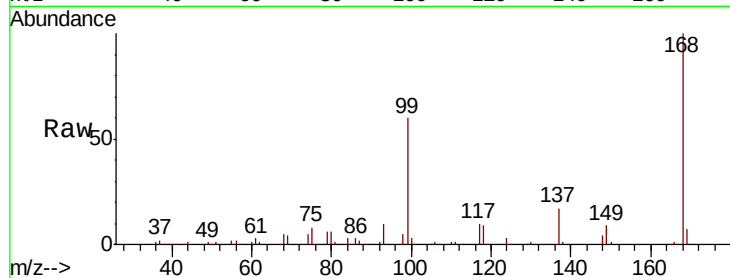
SU-02-070919-A

Tot Ion:168 Resp: 191594

Ion Ratio Lower Upper

168 100

99 59.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

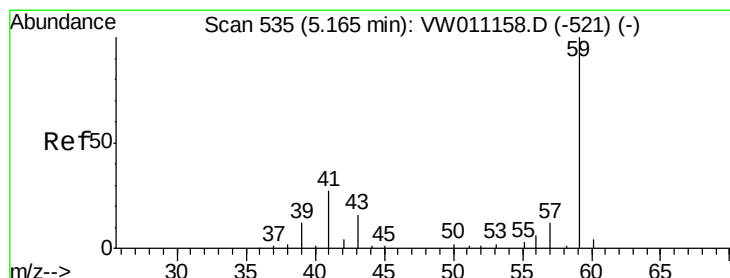
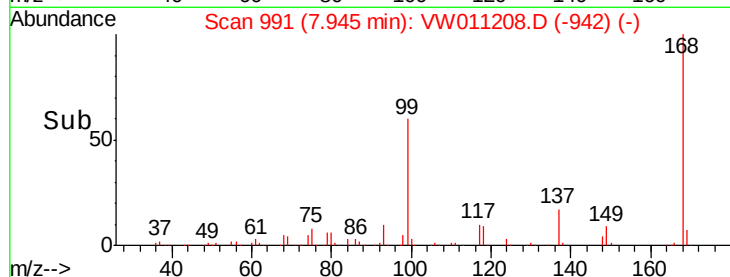
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.945 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011208.D

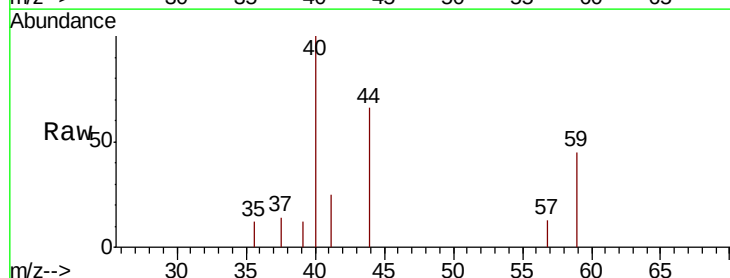
Acq: 11 Jul 2019 00:04

Tgt Ion: 59 Resp: 525

Ion Ratio Lower Upper

59 100

57 4.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

200

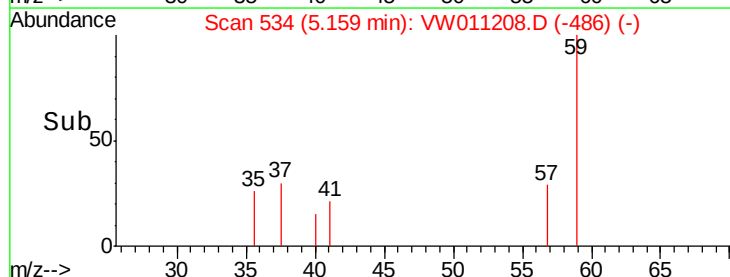
150

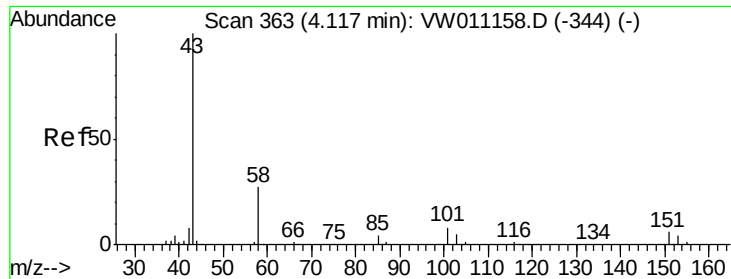
100

50

0

Time--> 5.10 5.15 5.20 5.25

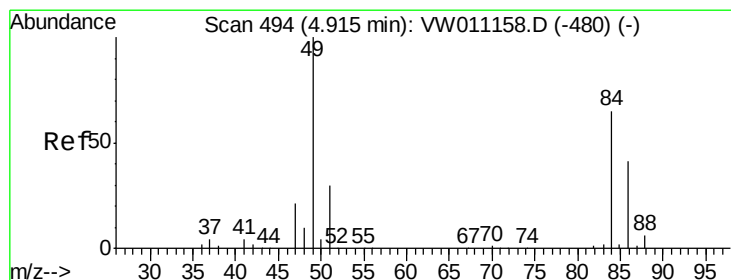
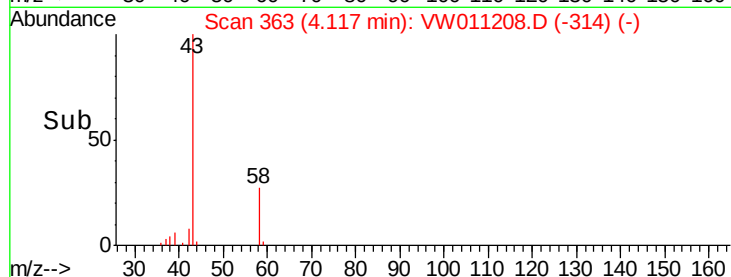
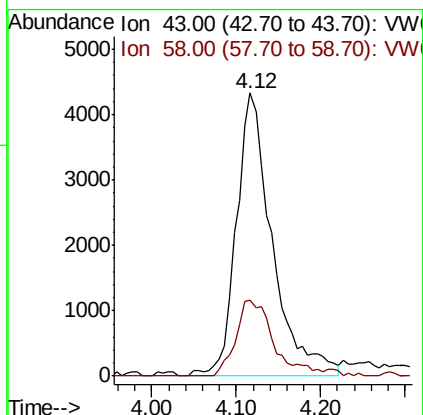
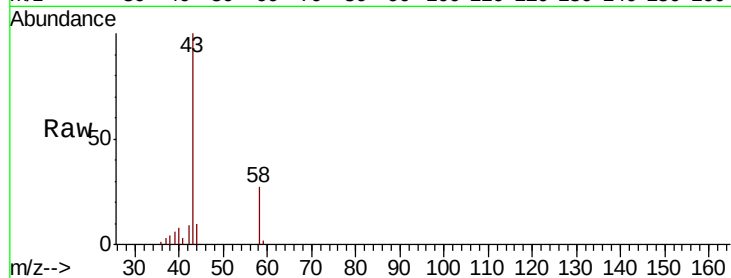




#16
Acetone
Concen: 21.602 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

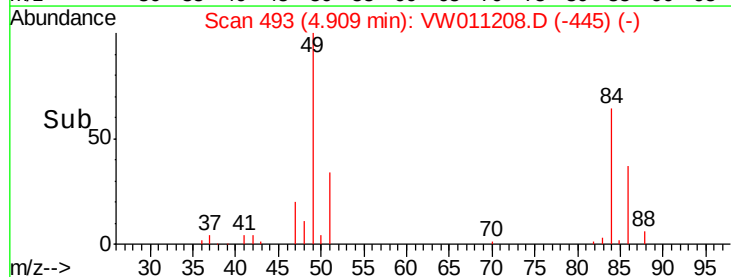
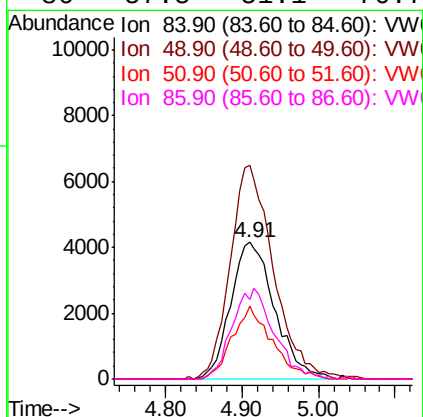
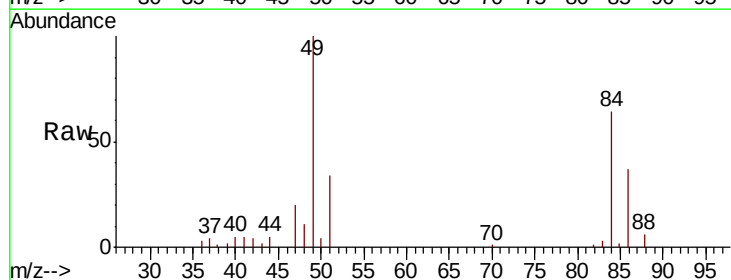
Instrument :
MSVOA_W
ClientSampleId :
SU-02-070919-A

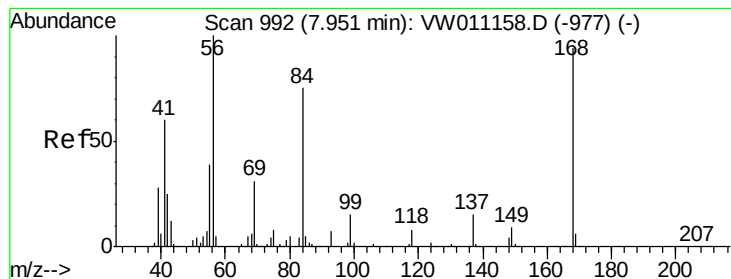
Tot Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
58 26.8 21.8 32.6



#20
Methylene Chloride
Concen: 7.281 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

Tgt Ion: 84 Resp: 16637
Ion Ratio Lower Upper
84 100
49 154.3 123.8 185.6
51 52.9 37.4 56.2
86 57.5 51.1 76.7





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011208.D

Acq: 11 Jul 2019 00:04

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070919-A

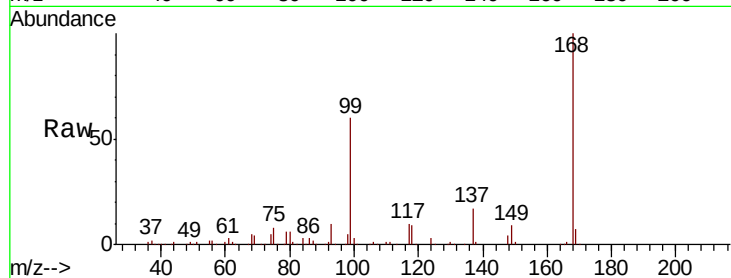
Tot Ion: 56 Resp: 5256

Ion Ratio Lower Upper

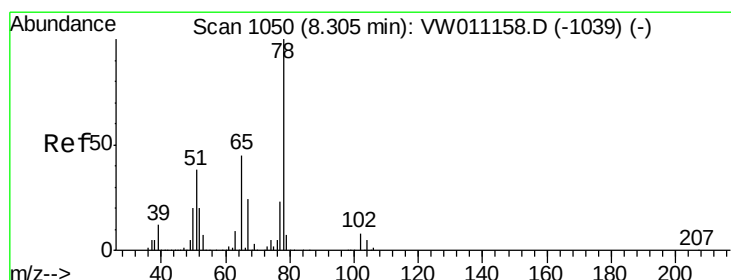
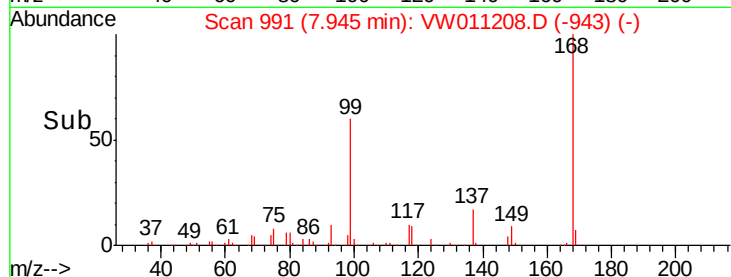
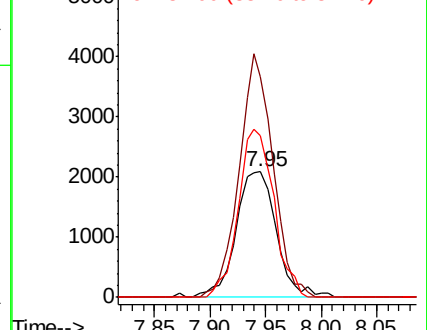
56 100

69 175.2 24.6 36.8#

84 128.6 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: 55.412 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011208.D

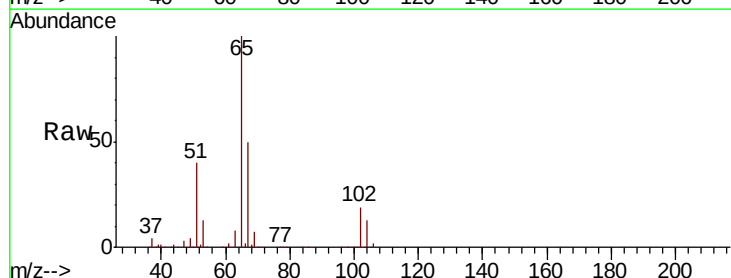
Acq: 11 Jul 2019 00:04

Tgt Ion: 65 Resp: 133402

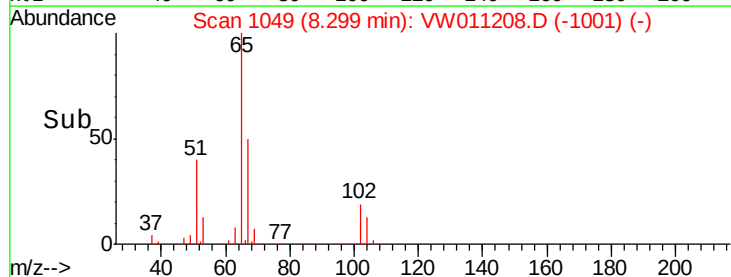
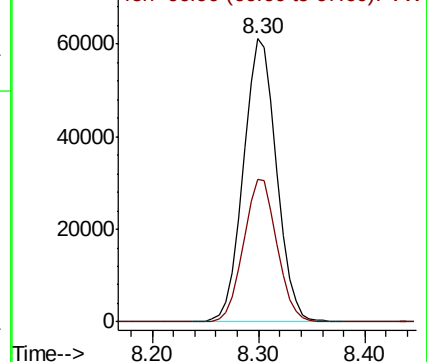
Ion Ratio Lower Upper

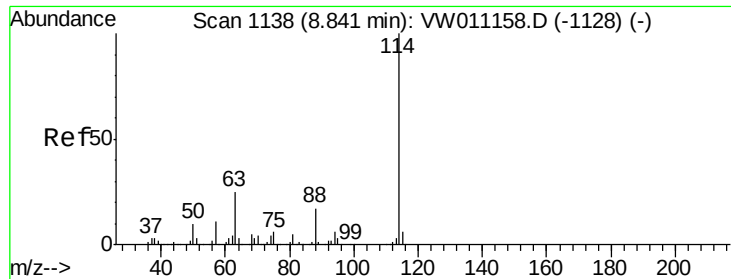
65 100

67 50.8 0.0 104.4



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

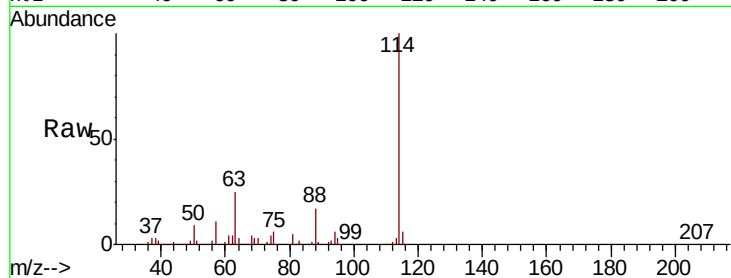




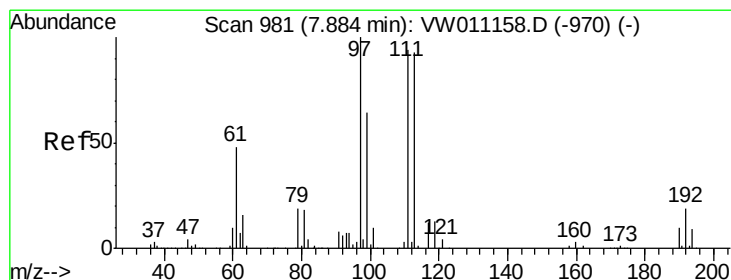
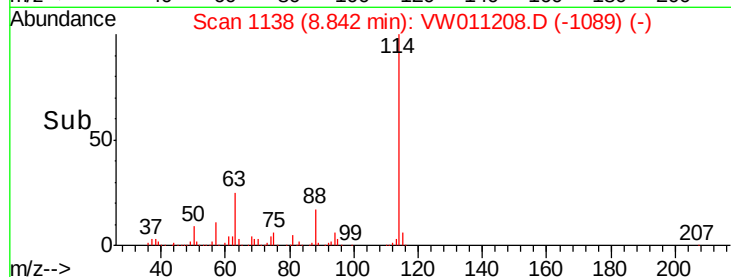
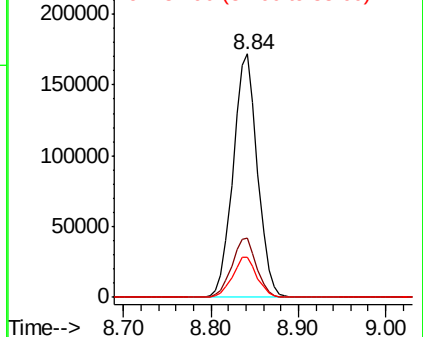
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

Instrument :
MSVOA_W
ClientSampleId :
SU-02-070919-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.8
88	16.6	0.0	34.2

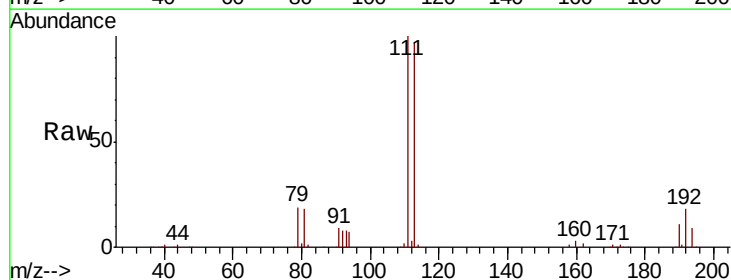


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

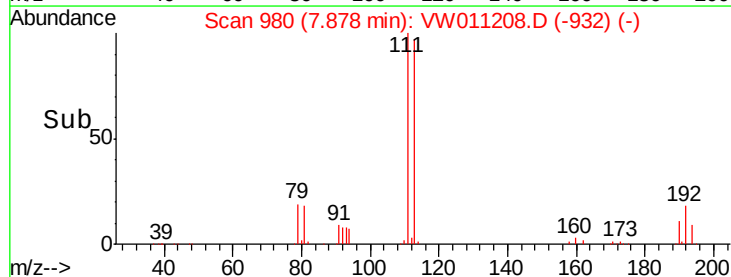
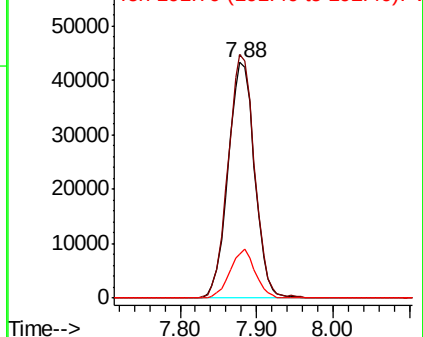


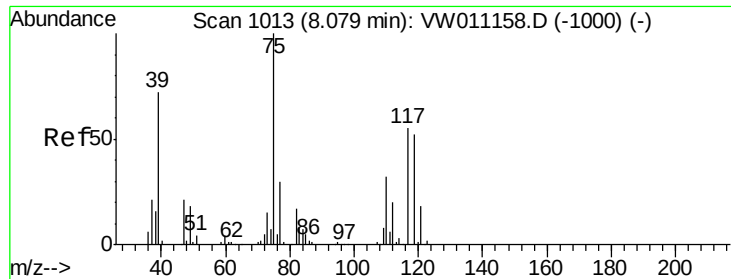
#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	19.6	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

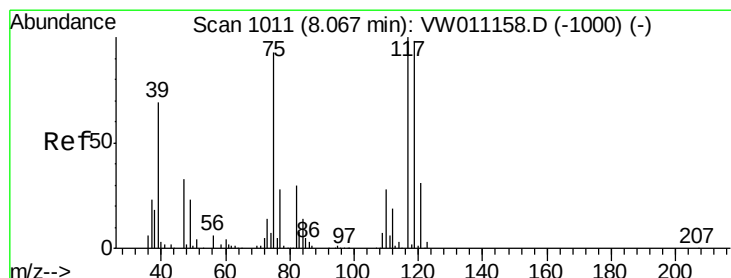
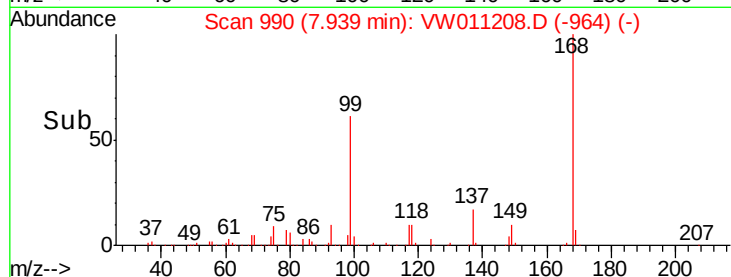
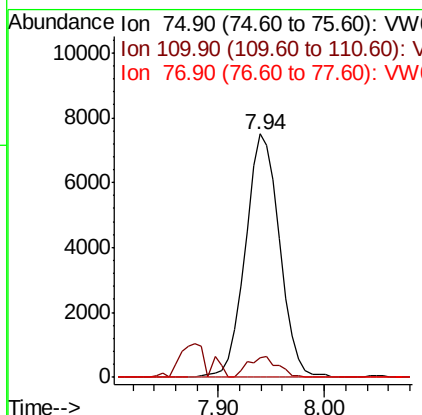
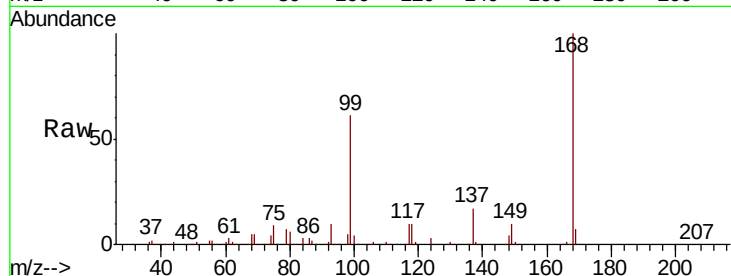




#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011208.D
 Acq: 11 Jul 2019 00:04

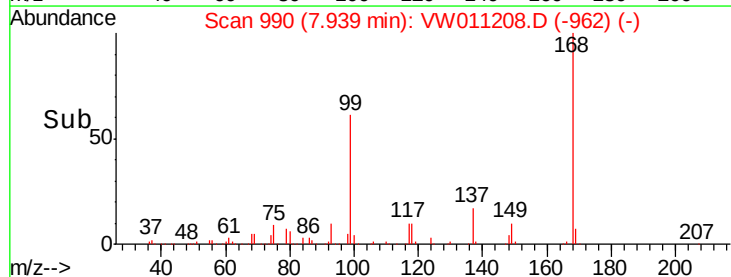
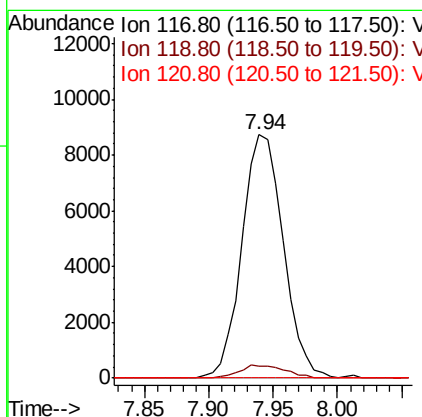
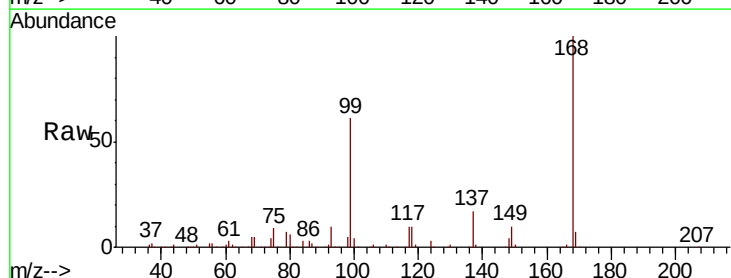
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070919-A

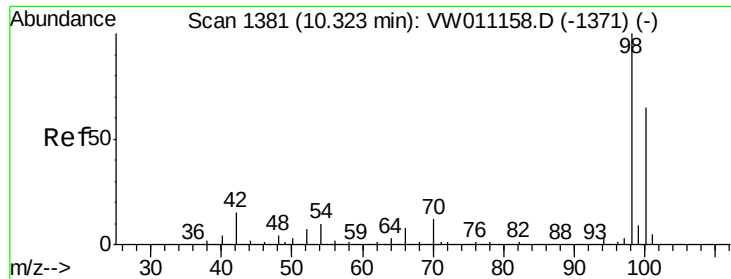
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.478 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011208.D
 Acq: 11 Jul 2019 00:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011208.D

Acq: 11 Jul 2019 00:04

Instrument :

MSVOA_W

ClientSampleId :

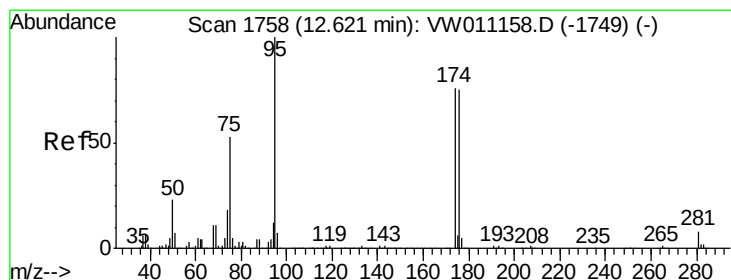
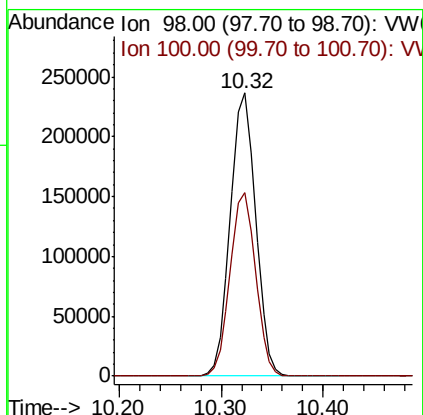
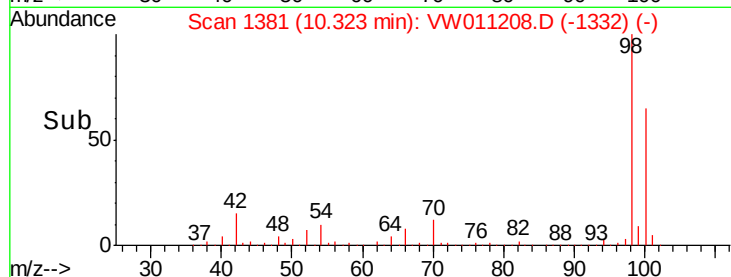
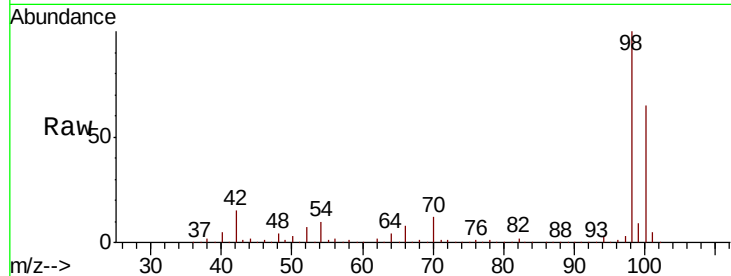
SU-02-070919-A

Tot Ion: 98 Resp: 408272

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.219 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011208.D

Acq: 11 Jul 2019 00:04

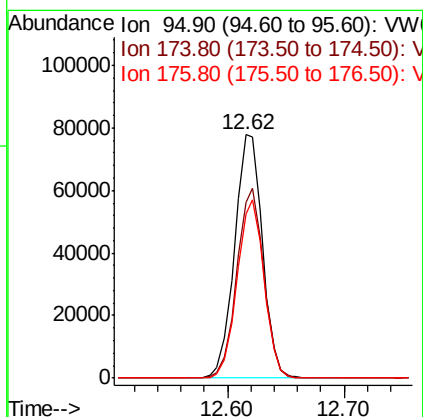
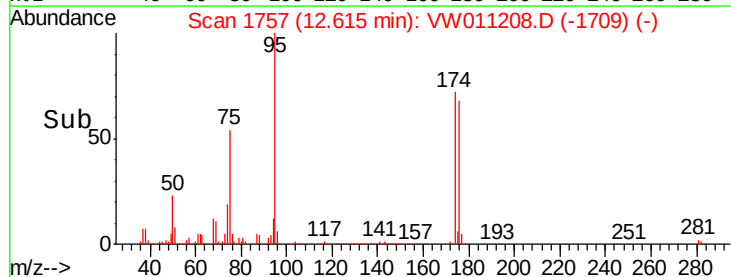
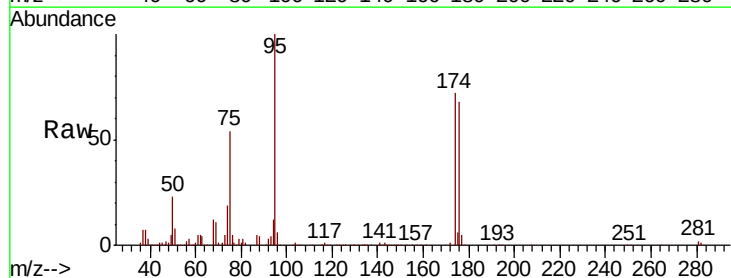
Tgt Ion: 95 Resp: 129777

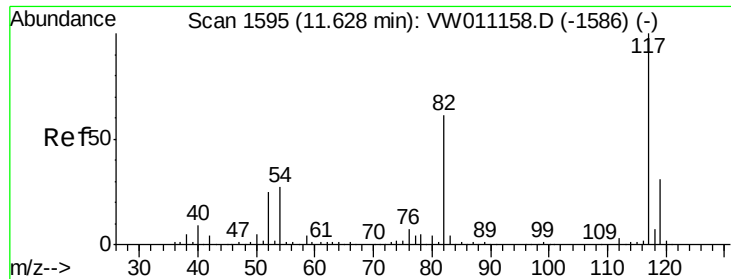
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

176 70.9 0.0 144.6

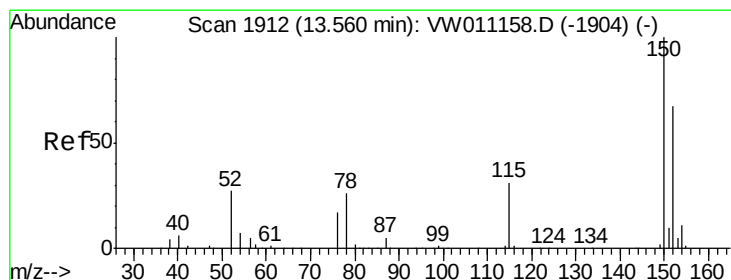
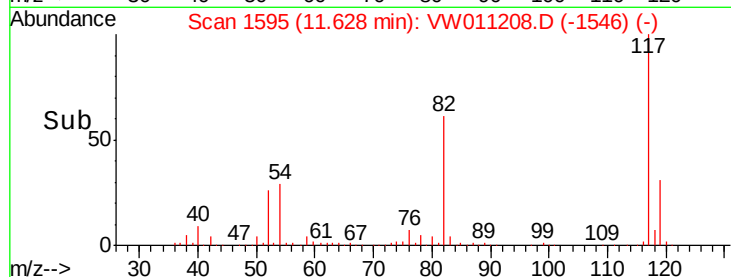
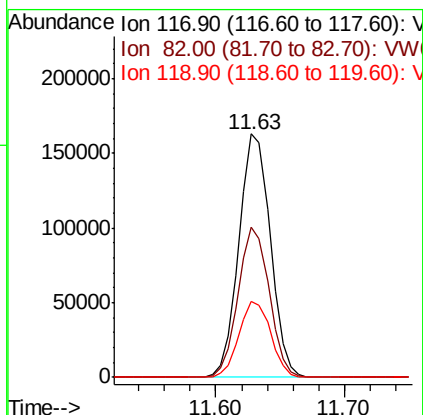
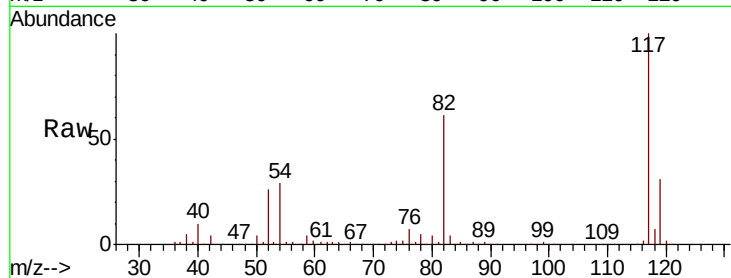




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

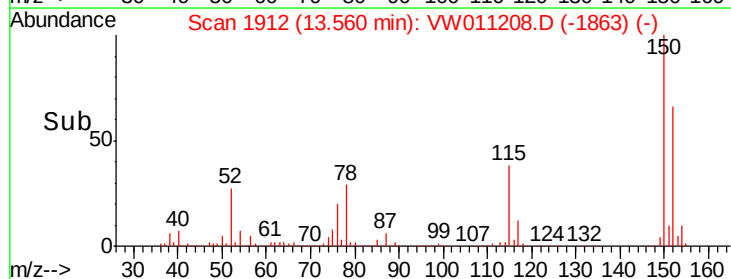
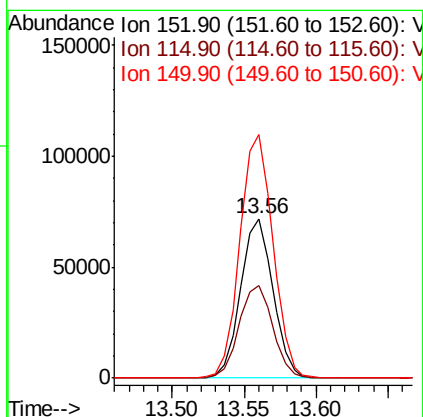
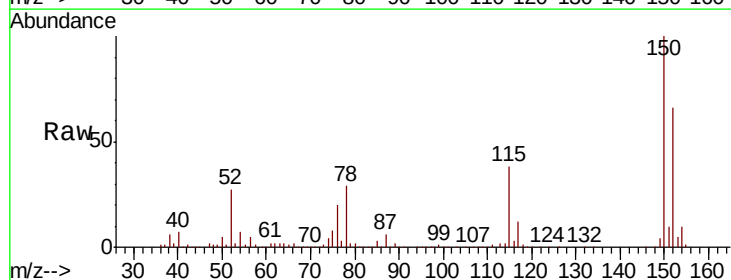
Instrument :
MSVOA_W
ClientSampleId :
SU-02-070919-A

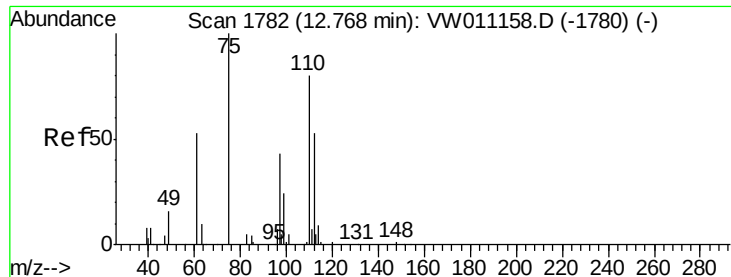
Tot Ion:117 Resp: 276176
Ion Ratio Lower Upper
117 100
82 61.5 48.9 73.3
119 31.3 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011208.D
Acq: 11 Jul 2019 00:04

Tgt Ion:152 Resp: 111751
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 156.6 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 54.039 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011208.D

Acq: 11 Jul 2019 00:04

Instrument :

MSVOA_W

ClientSampleId :

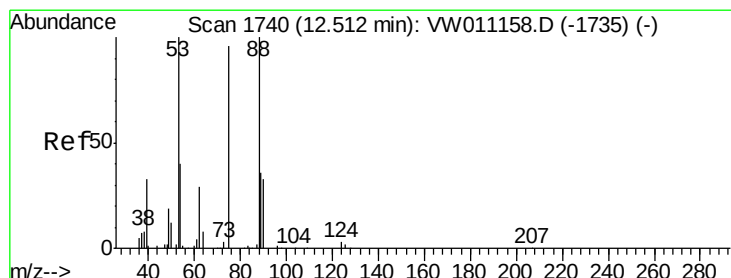
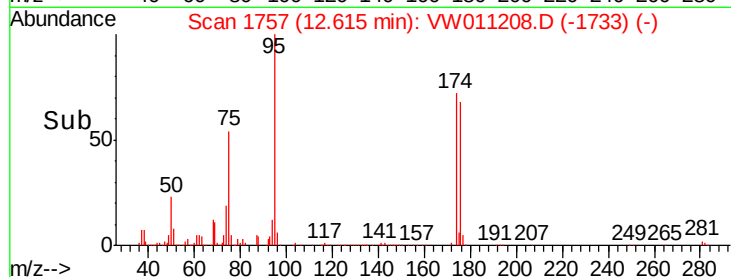
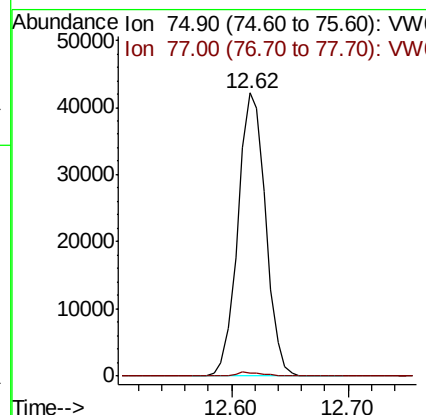
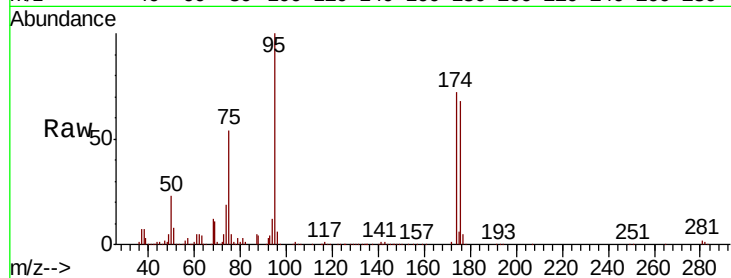
SU-02-070919-A

Tot Ion: 75 Resp: 69787

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.225 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011208.D

Acq: 11 Jul 2019 00:04

Tgt Ion: 75 Resp: 69787

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

