

Data File : VW011176.D
Acq On : 09 Jul 2019 13:53
Operator : SY/VA
Sample : K3687-01
Misc : 6.35G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
72-12017-VNJ-206

Quant Time: Jul 10 04:30:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132159	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	106418	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.32	98	436503	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.62	95	138112	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	

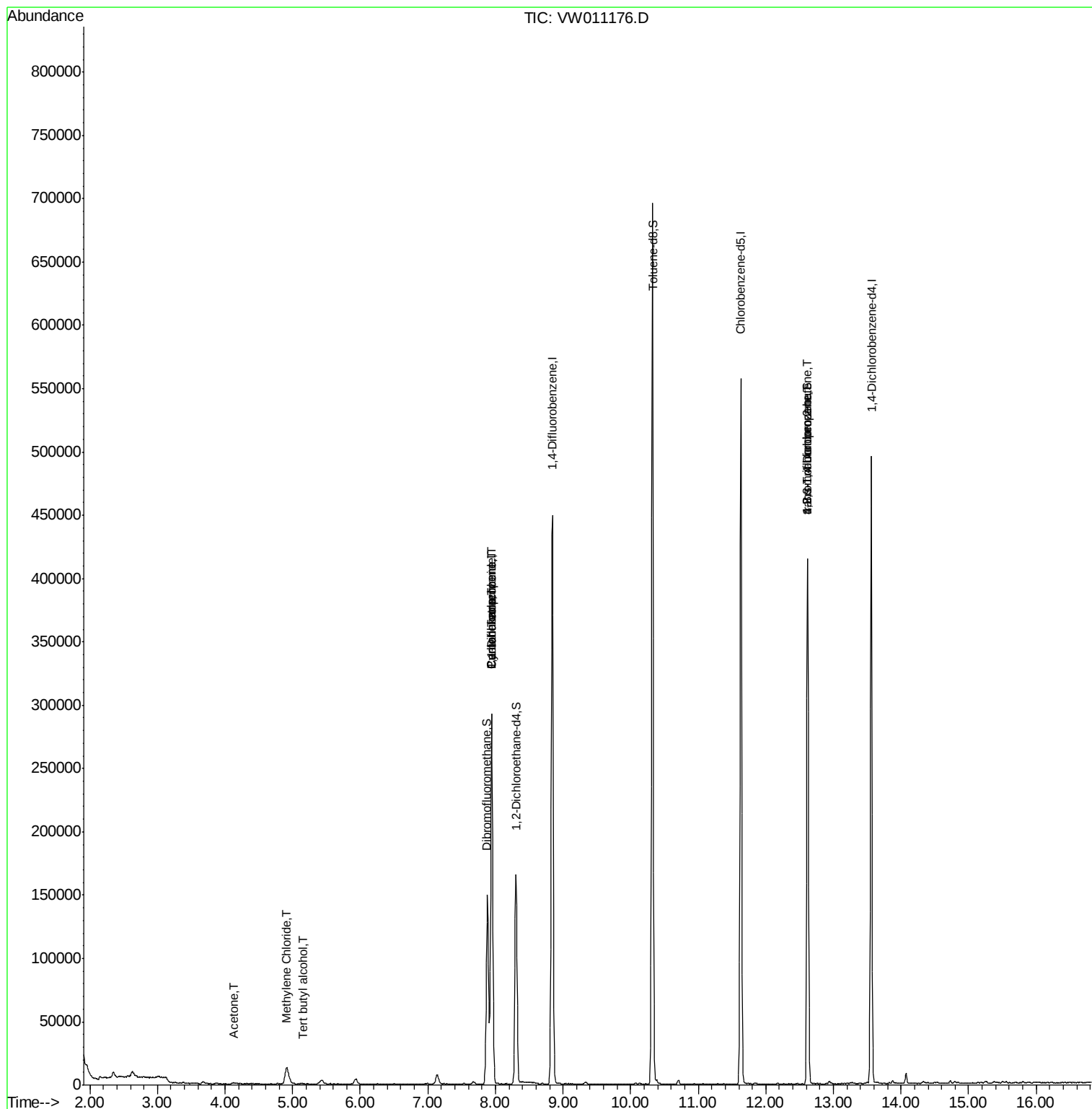
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.16	59	403	2.080	ug/l #	70
16) Acetone	4.12	43	1594	2.532	ug/l #	48
18) Methyl Acetate	4.67	43	137	Below Cal	#	57
20) Methylene Chloride	4.92	84	10551	4.249	ug/l	87
31) Cyclohexane	7.95	56	5734	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18240	4.814	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21276	6.624	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	74235	54.628	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74235	123.558	ug/l #	6

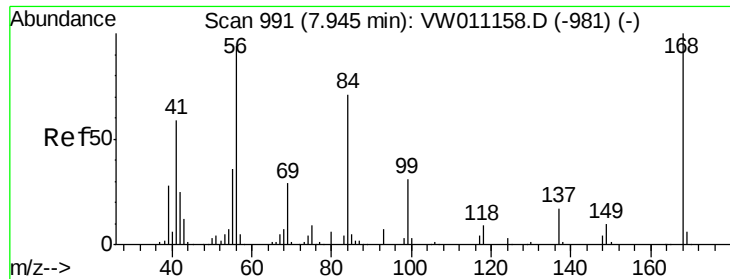
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

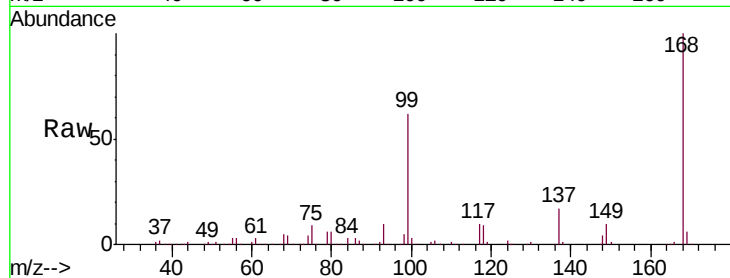
72-12017-VNJ-206

Tgt Ion: 168 Resp: 208220

Ion Ratio Lower Upper

168 100

99 61.7 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

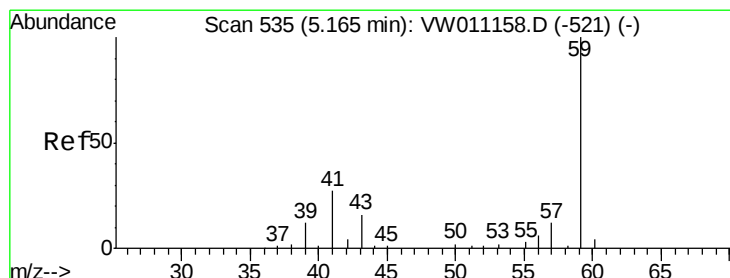
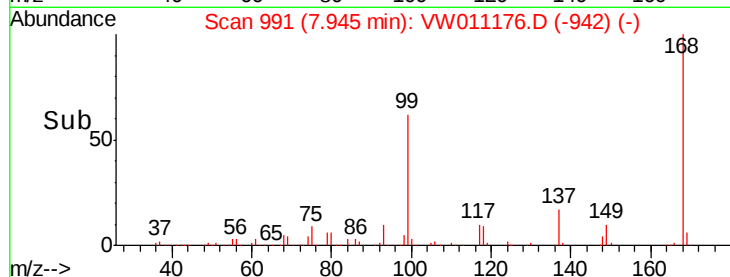
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.080 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011176.D

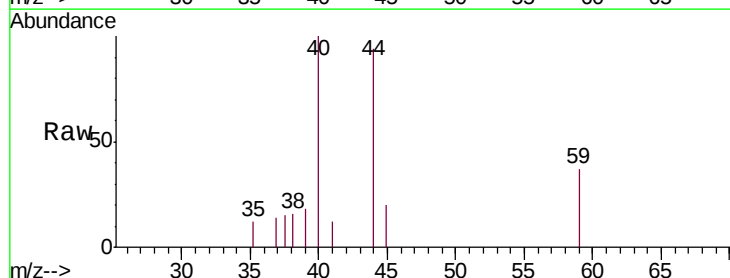
Acq: 09 Jul 2019 13:53

Tgt Ion: 59 Resp: 403

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

5.16

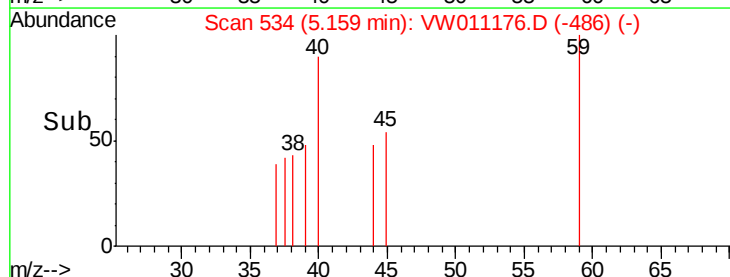
150

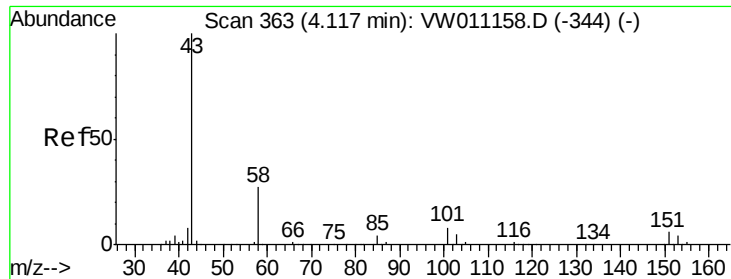
100

50

0

Time--> 5.15 5.20





#16

Acetone

Concen: 2.532 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

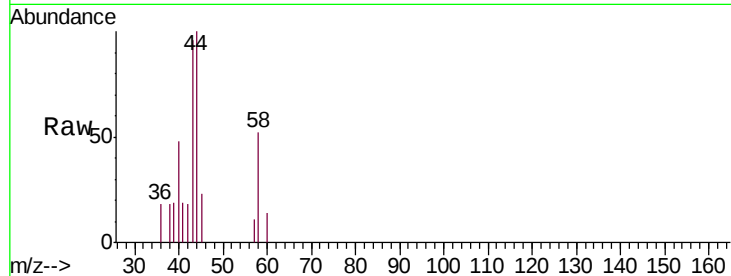
72-12017-VNJ-206

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

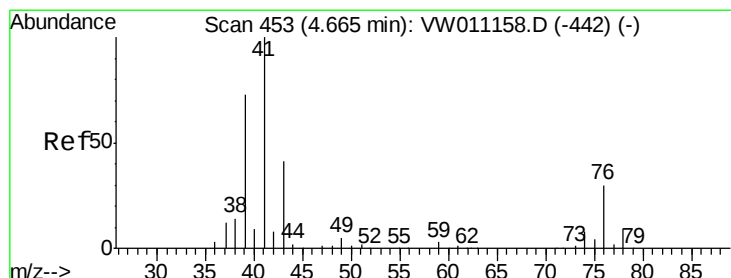
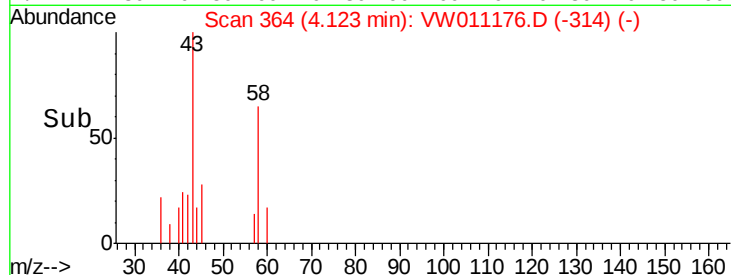
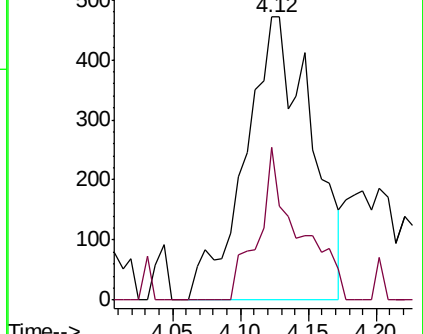
43 100

58 54.1 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011176.D

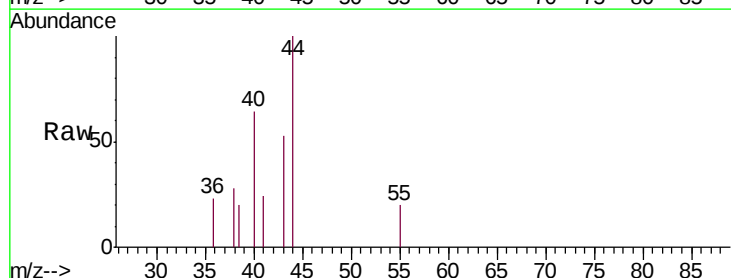
Acq: 09 Jul 2019 13:53

Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

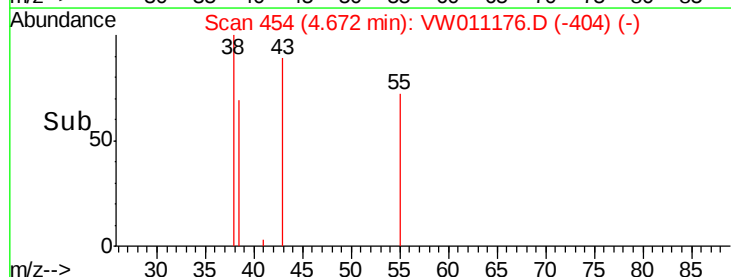
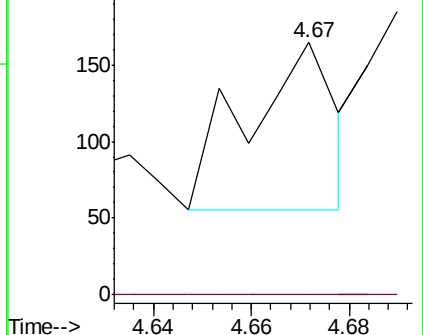
43 100

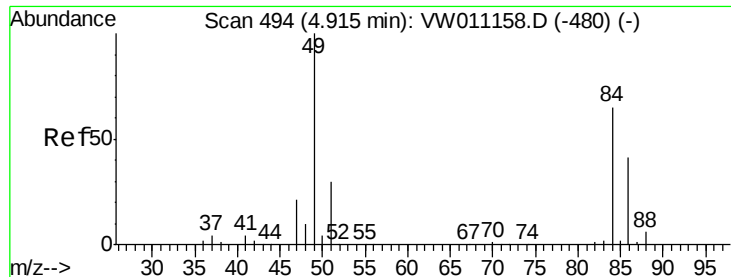
74 0.0 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

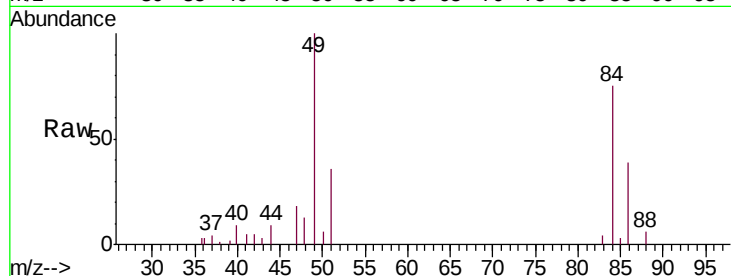




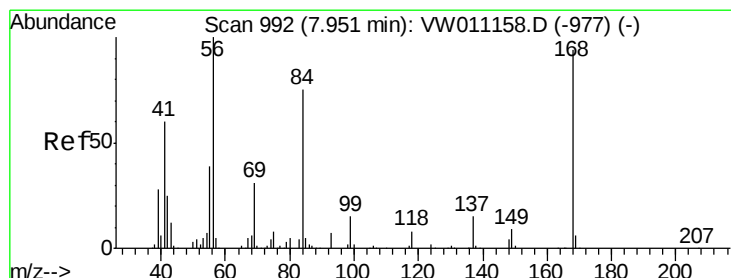
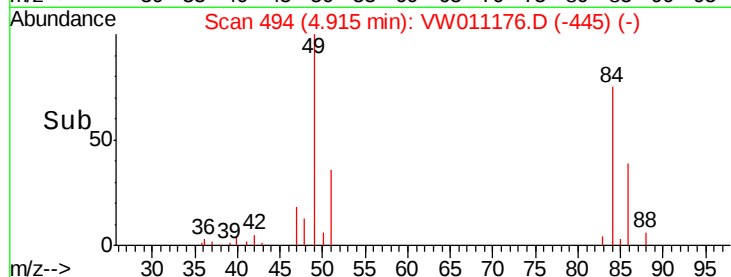
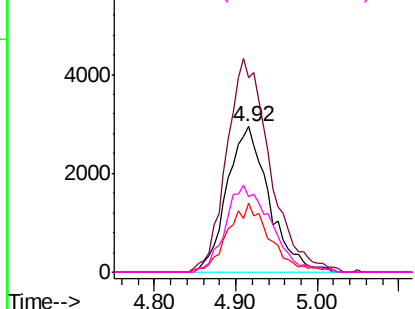
#20
Methylene Chloride
Concen: 4.249 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

Instrument :
MSVOA_W
ClientSampleId :
72-12017-VNJ-206

Tgt Ion: 84 Resp: 10551
Ion Ratio Lower Upper
84 100
49 133.8 123.8 185.6
51 47.8 37.4 56.2
86 51.6 51.1 76.7

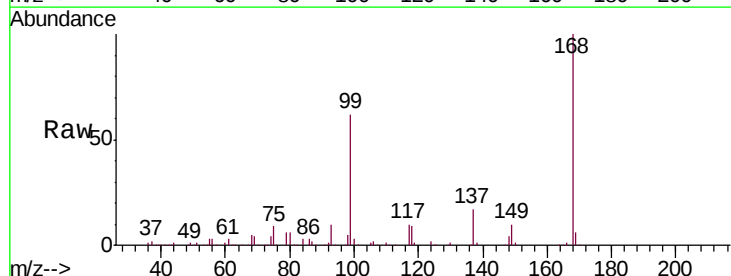


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

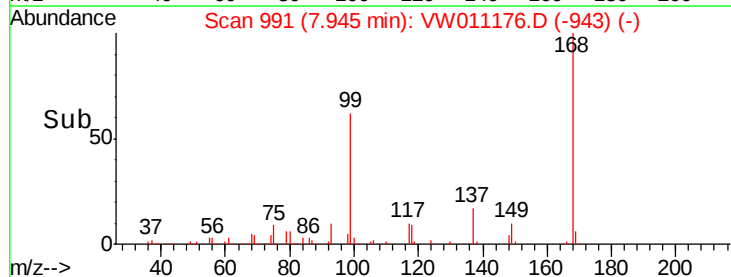
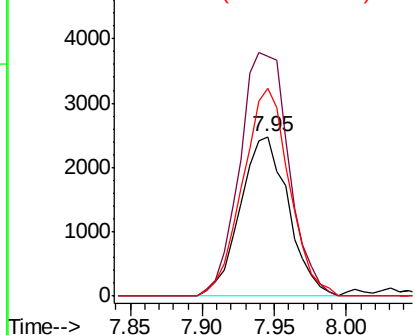


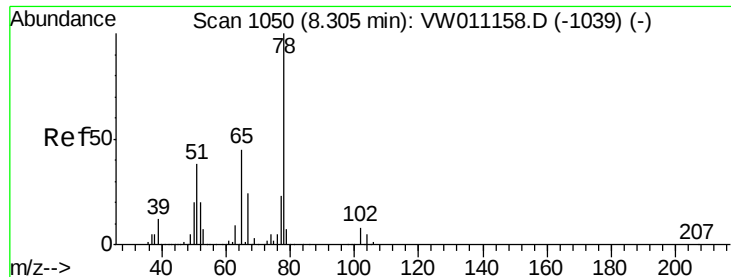
#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

Tgt Ion: 56 Resp: 5734
Ion Ratio Lower Upper
56 100
69 150.4 24.6 36.8#
84 130.1 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

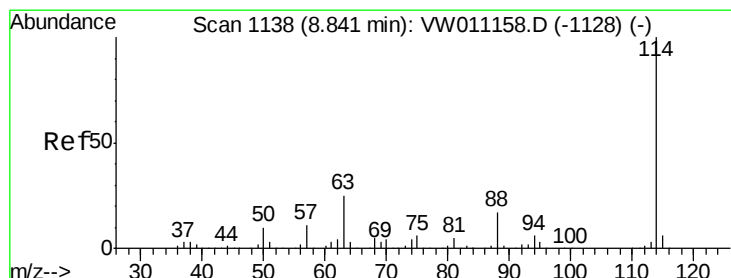
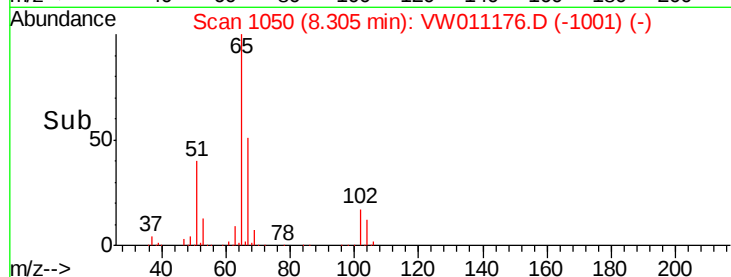
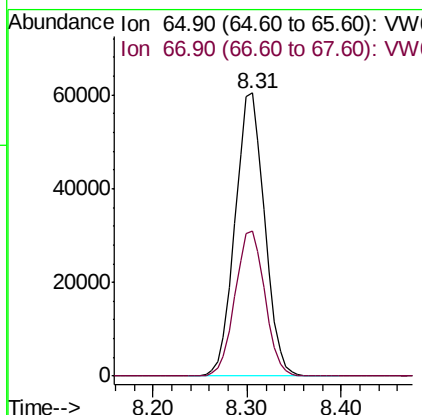
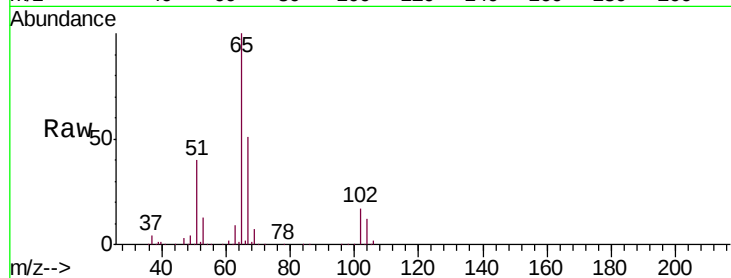




#33
 1,2-Dichloroethane-d4
 Concen: 50.513 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011176.D
 Acq: 09 Jul 2019 13:53

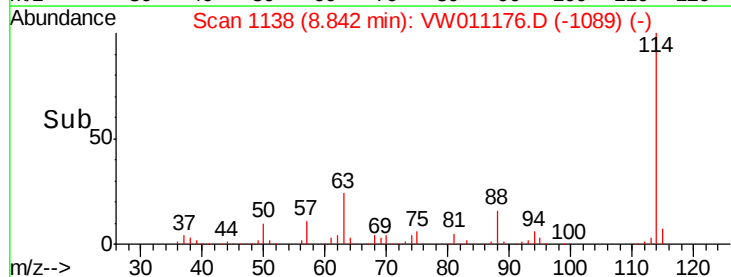
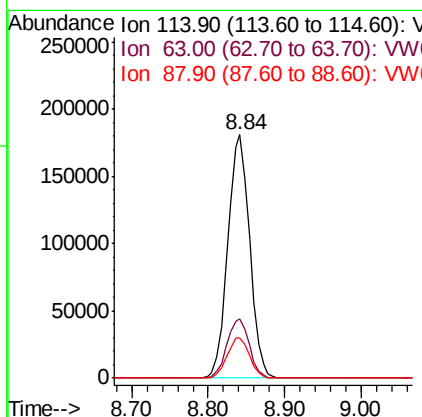
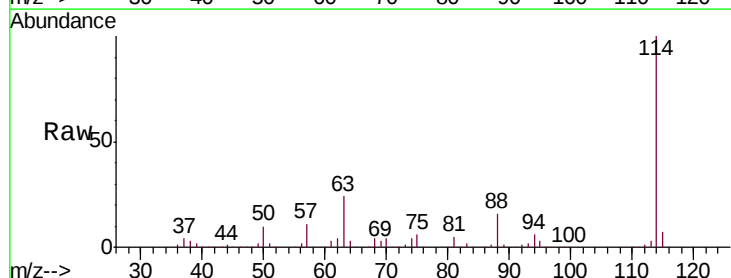
Instrument :
 MSVOA_W
 ClientSampleId :
 72-12017-VNJ-206

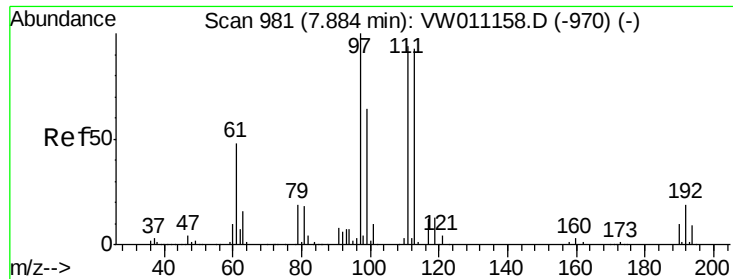
Tgt Ion: 65 Resp: 132159
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011176.D
 Acq: 09 Jul 2019 13:53

Tgt Ion: 114 Resp: 355791
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 16.4 0.0 34.2

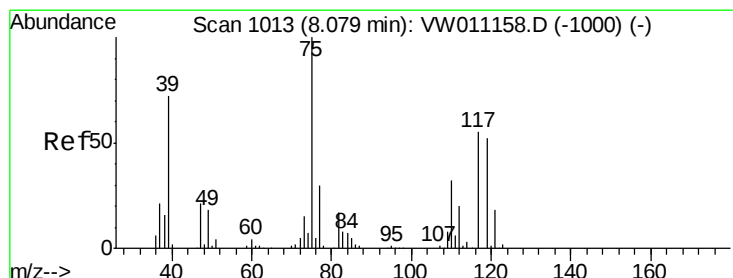
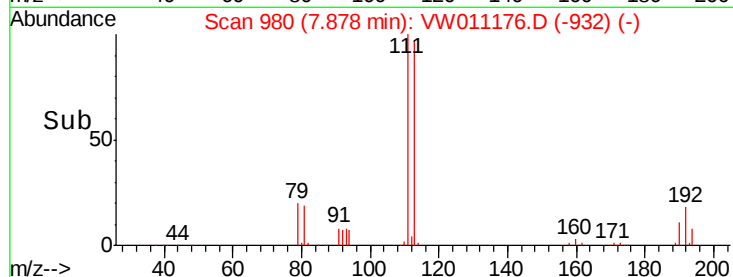
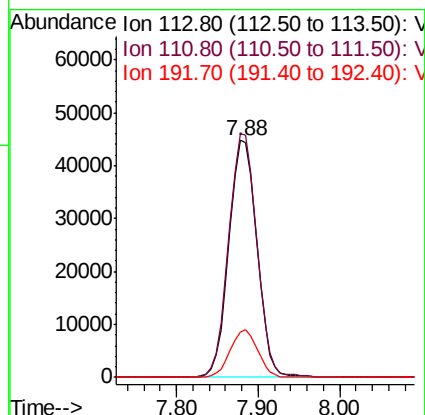
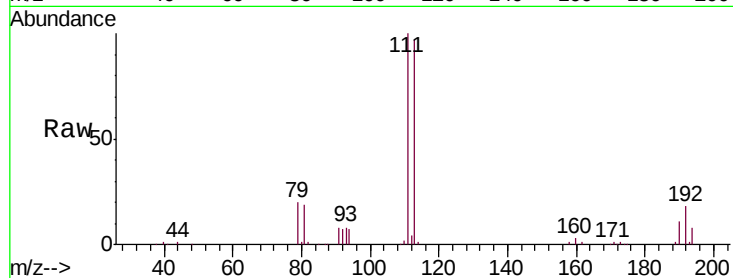




#35
 Dibromofluoromethane
 Concen: 50.181 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011176.D
 Acq: 09 Jul 2019 13:53

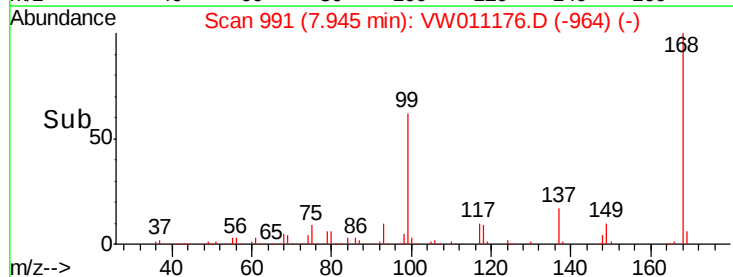
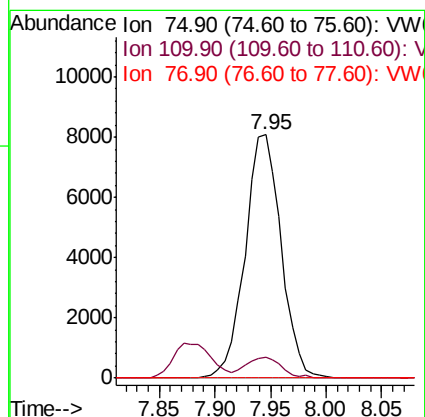
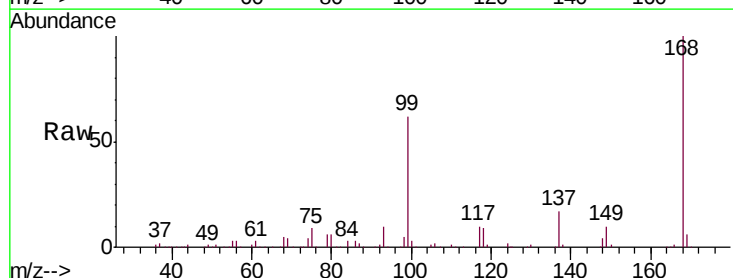
Instrument :
 MSVOA_W
 ClientSampleId :
 72-12017-VNJ-206

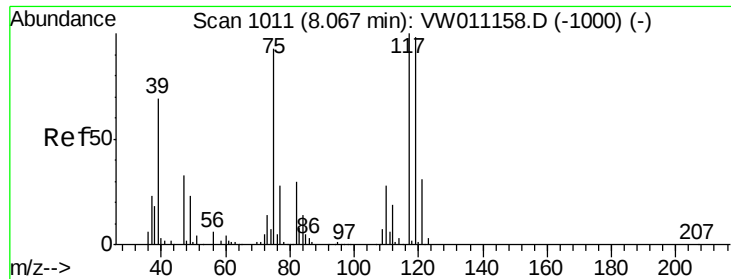
Tgt Ion: 113 Resp: 106418
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.814 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011176.D
 Acq: 09 Jul 2019 13:53

Tgt Ion: 75 Resp: 18240
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.9 47.6#
 77 0.0 24.6 36.8#

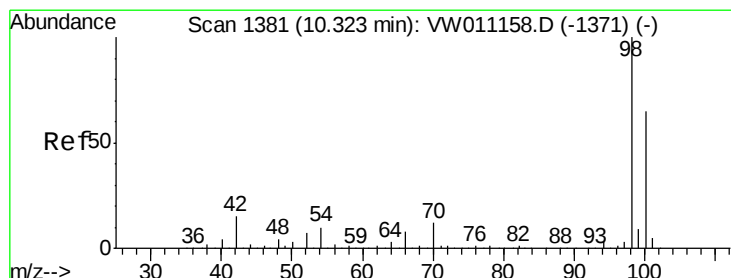
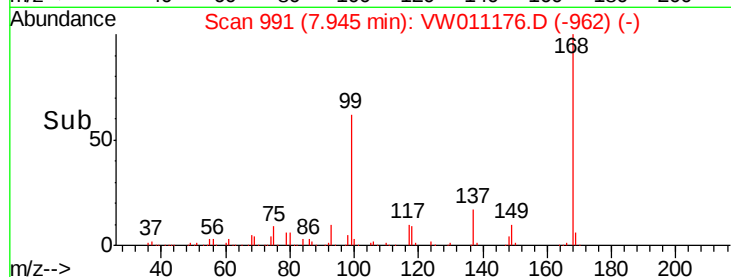
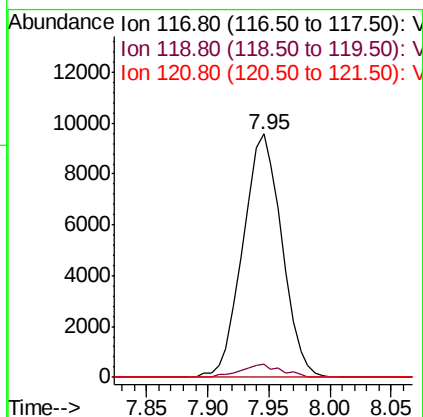
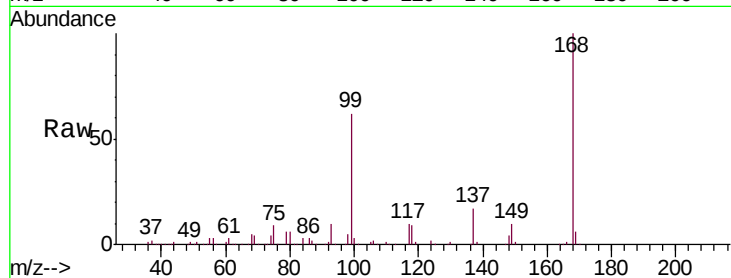




#38
Carbon Tetrachloride
Concen: 6.624 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

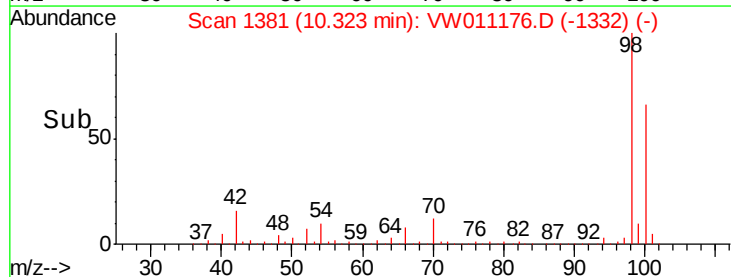
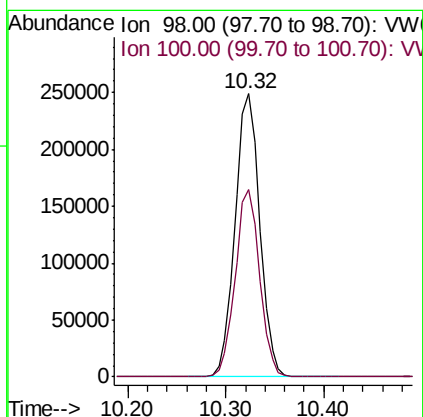
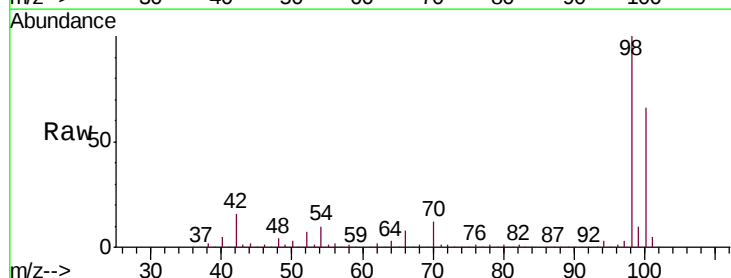
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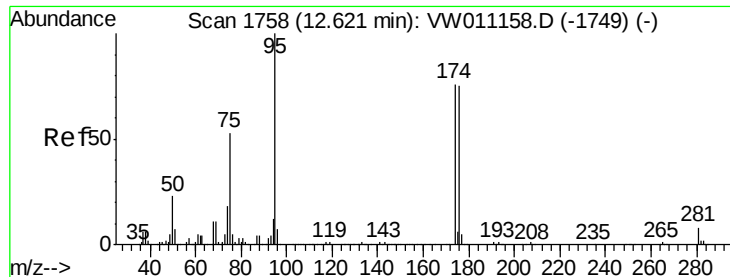
Tgt Ion: 117 Resp: 21276
Ion Ratio Lower Upper
117 100
119 5.7 78.1 117.1#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

Tgt Ion: 98 Resp: 436503
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 43.957 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

72-12017-VNJ-206

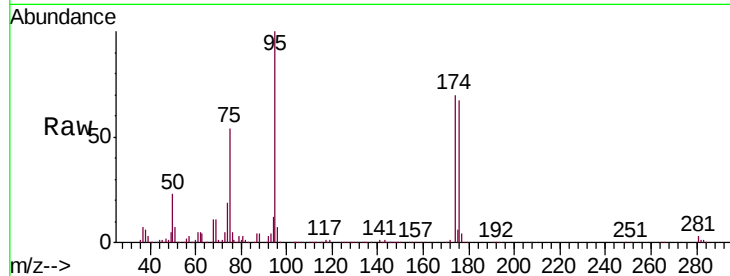
Tgt Ion: 95 Resp: 138112

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.6

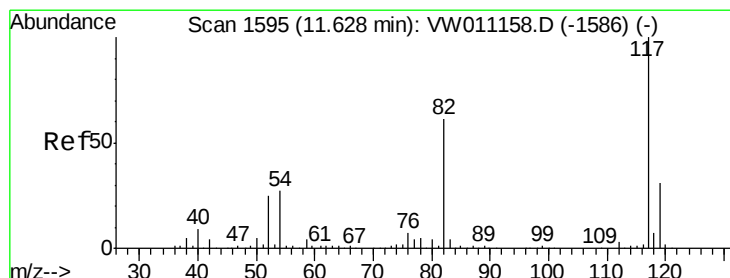
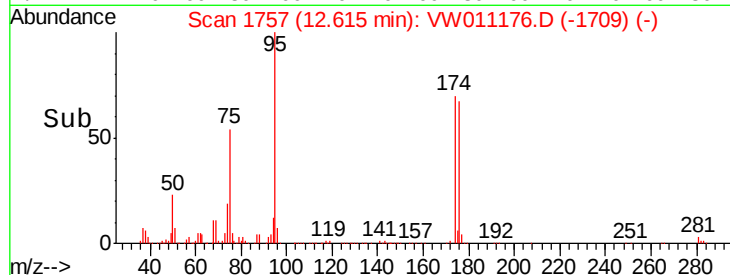
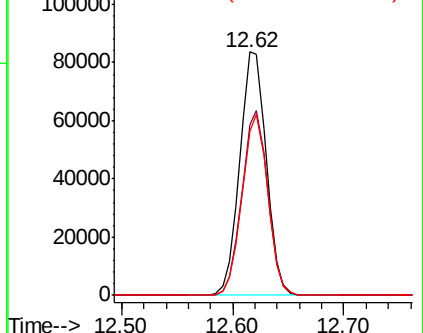
176 72.2 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

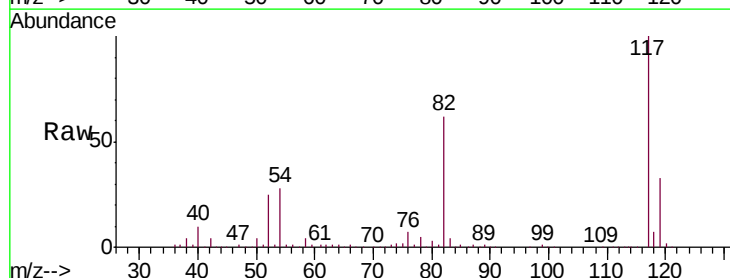
Tgt Ion: 117 Resp: 292145

Ion Ratio Lower Upper

117 100

82 62.0 48.9 73.3

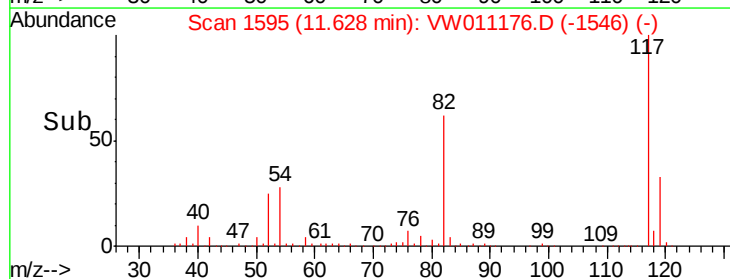
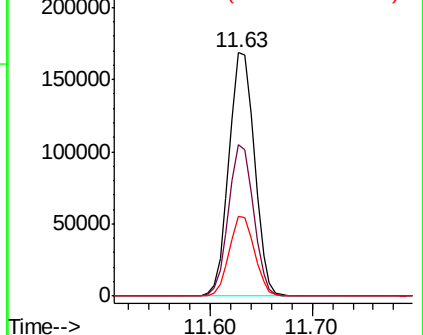
119 32.5 25.0 37.6

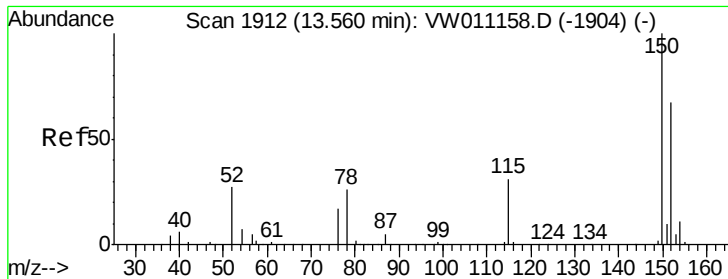


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

72-12017-VNJ-206

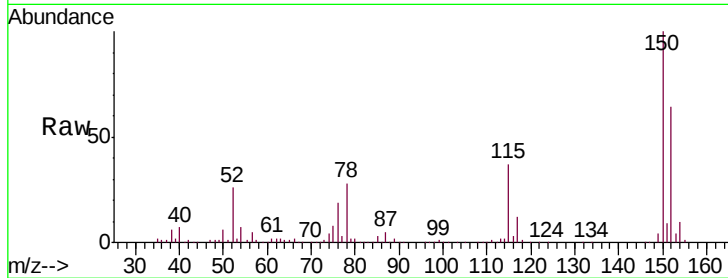
Tgt Ion: 152 Resp: 117592

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

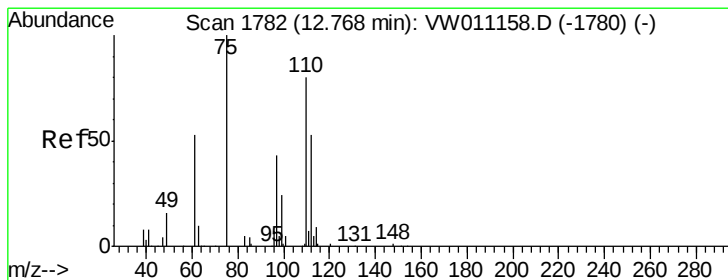
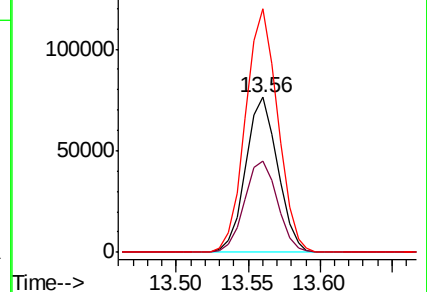
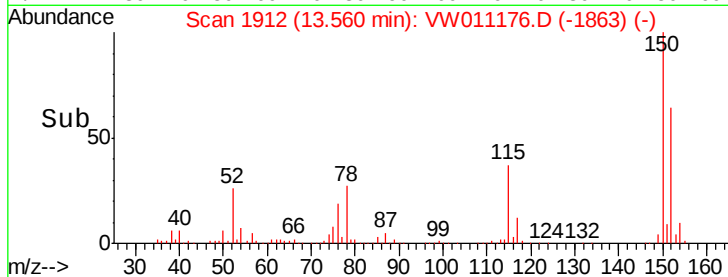
150 158.3 0.0 346.0



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: 54.628 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011176.D

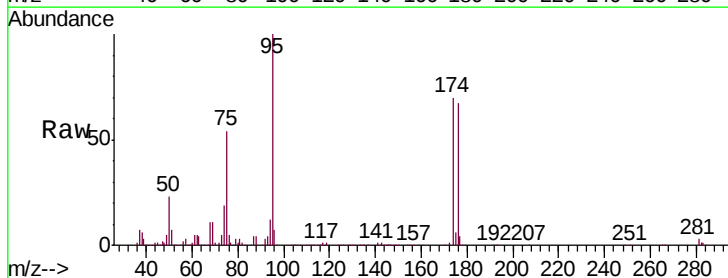
Acq: 09 Jul 2019 13:53

Tgt Ion: 75 Resp: 74235

Ion Ratio Lower Upper

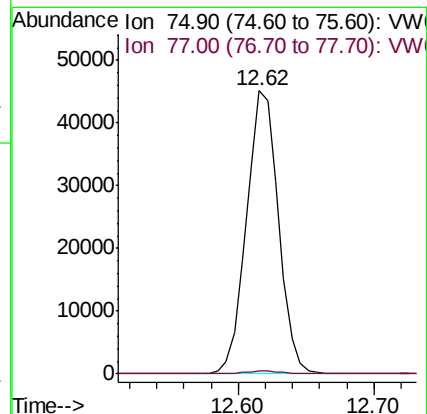
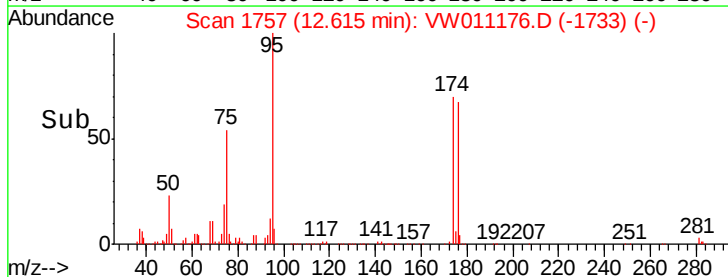
75 100

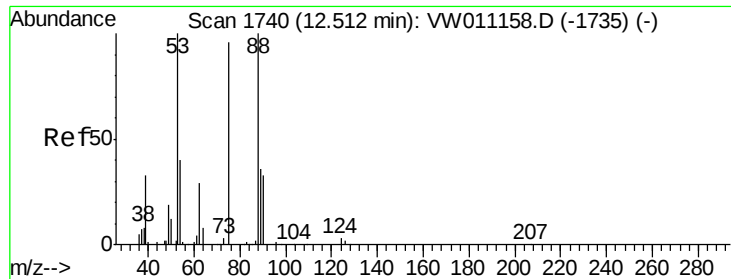
77 1.2 0.0 0.0#



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: 123.558 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

72-12017-VNJ-206

Tgt Ion: 75 Resp: 74235

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.1 34.3 51.5#

