

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011399.D
 Acq On : 20 Jul 2019 03:04
 Operator : SY/VA
 Sample : K3887-03
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(2)

Quant Time: Jul 20 05:56:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	172593	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	7.88	113	139209	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	10.32	98	539109	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	128607	32.73	ug/l	0.00
Spiked Amount			Recovery	=	65.46%	

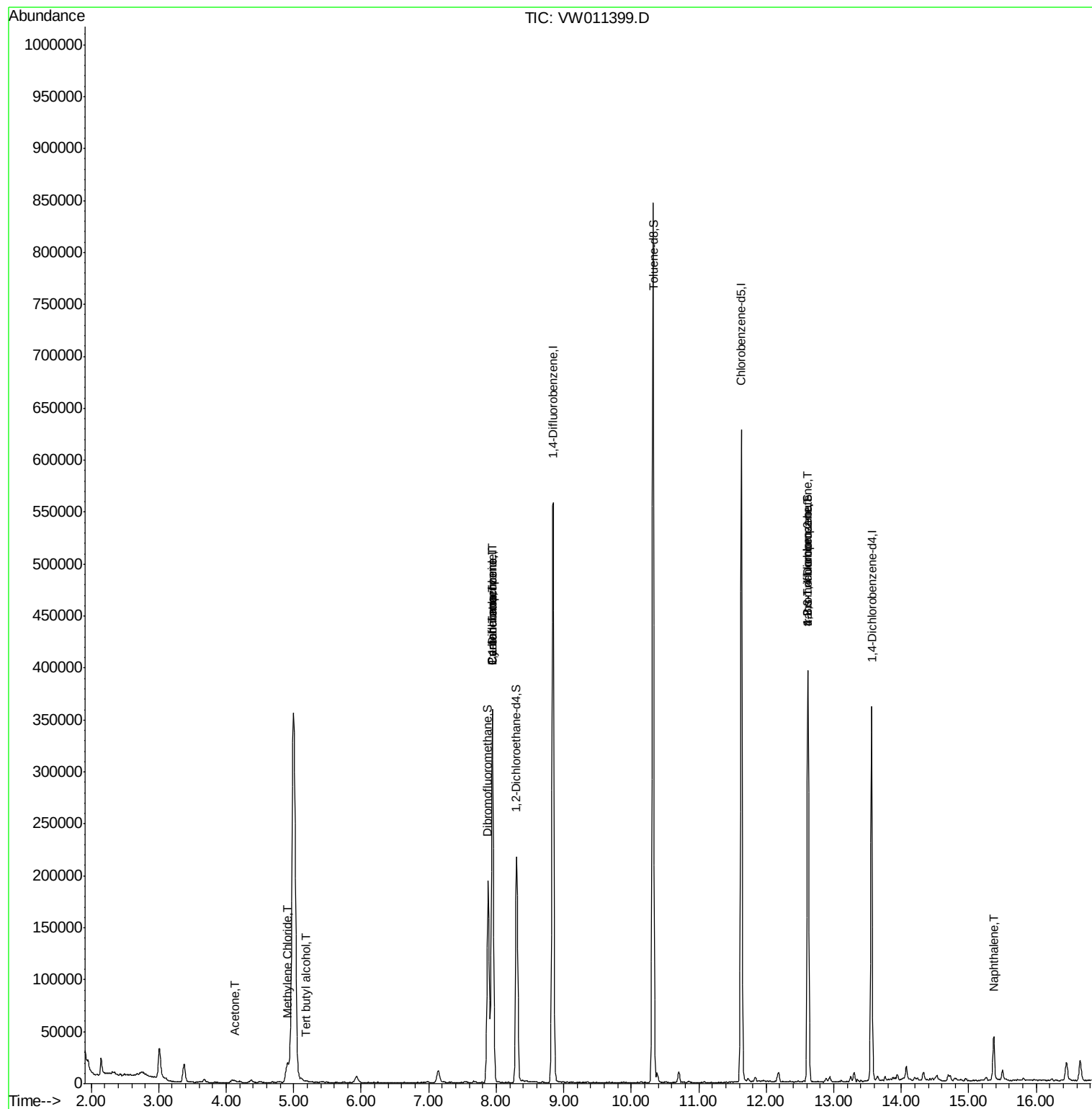
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	1223	4.978	ug/l #	76
16) Acetone	4.14	43	3664	4.589	ug/l	99
18) Methyl Acetate	4.66	43	556	Below Cal	#	57
20) Methylene Chloride	4.90	84	12982	4.121	ug/l	90
31) Cyclohexane	7.95	56	6604	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	23319	4.921	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26073	6.490	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	69525	68.077	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69525	153.977	ug/l #	6
95) Naphthalene	15.37	128	36079	10.563	ug/l	99

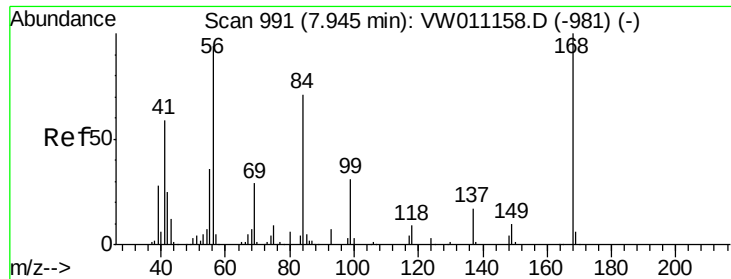
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
Data File : VW011399.D
Acq On : 20 Jul 2019 03:04
Operator : SY/VA
Sample : K3887-03
Misc : 5.28G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(2)

Quant Time: Jul 20 05:56:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011399.D

Acq: 20 Jul 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

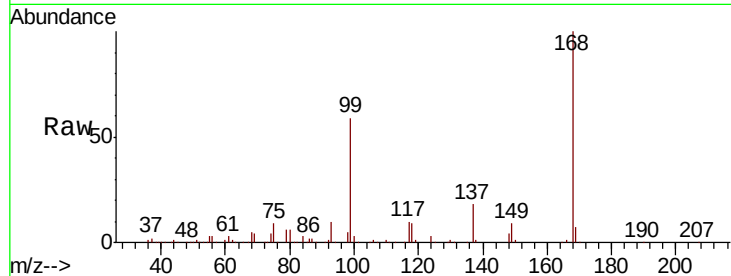
AOC-7(2)

Tot Ion:168 Resp: 264104

Ion Ratio Lower Upper

168 100

99 58.8 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

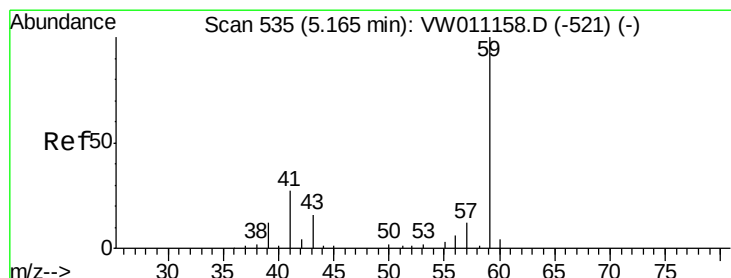
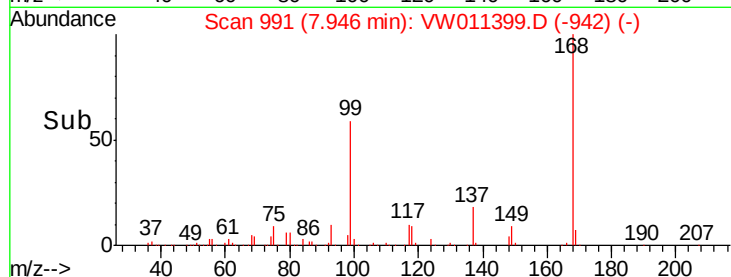
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 4.978 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW011399.D

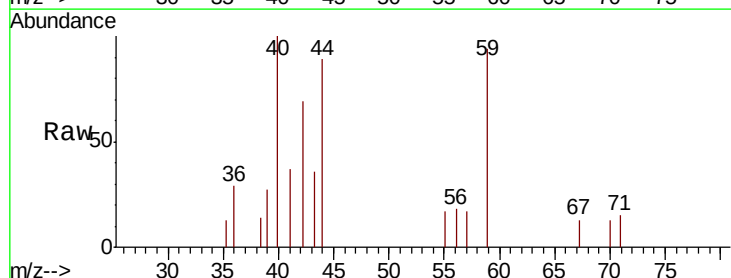
Acq: 20 Jul 2019 03:04

Tgt Ion: 59 Resp: 1223

Ion Ratio Lower Upper

59 100

57 2.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

600

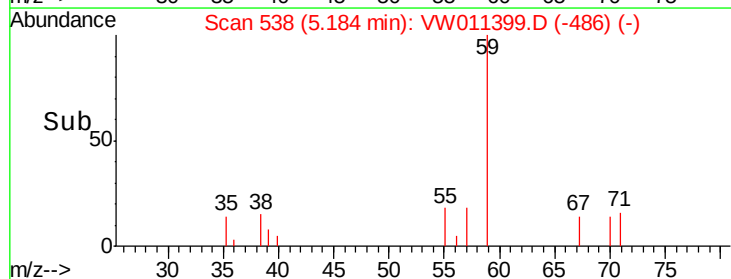
400

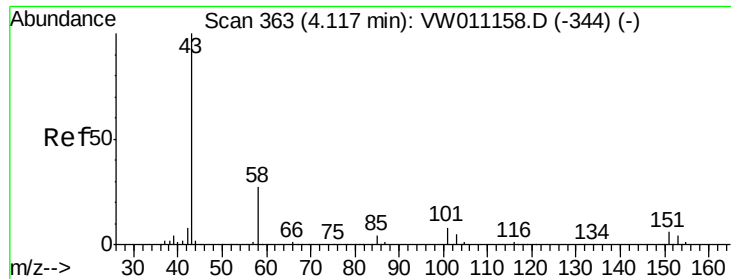
200

0

5.15 5.20 5.25

Time-->





#16

Acetone

Concen: 4.589 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

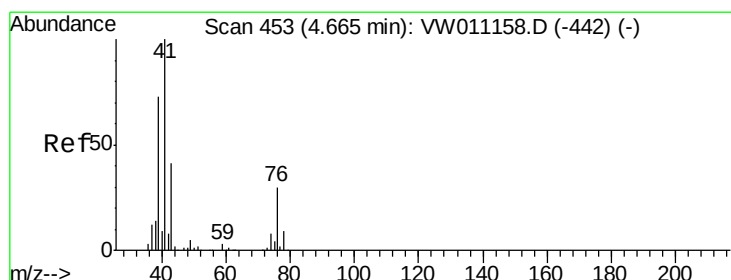
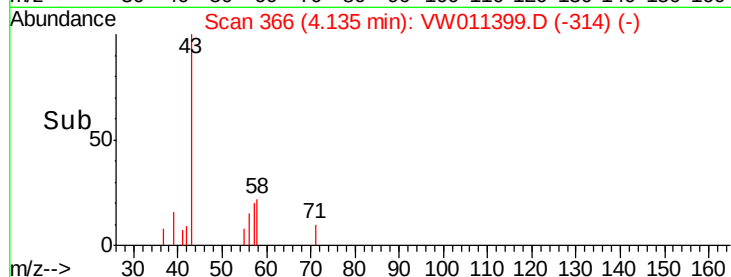
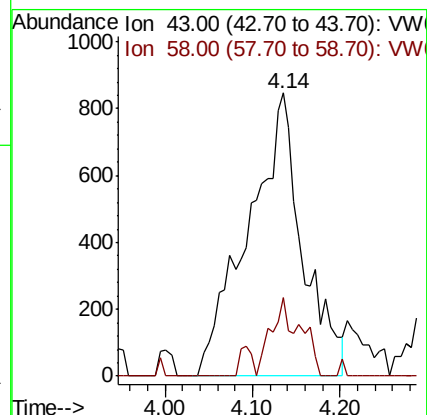
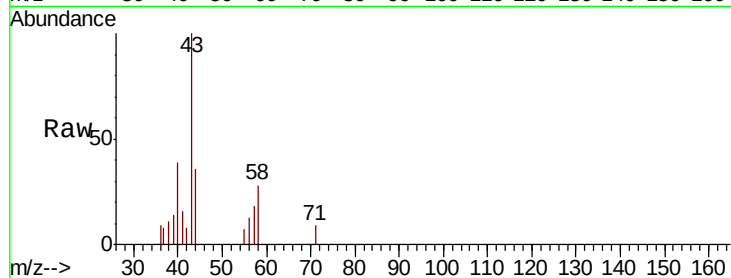
AOC-7(2)

Tot Ion: 43 Resp: 3664

Ion Ratio Lower Upper

43 100

58 27.7 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011399.D

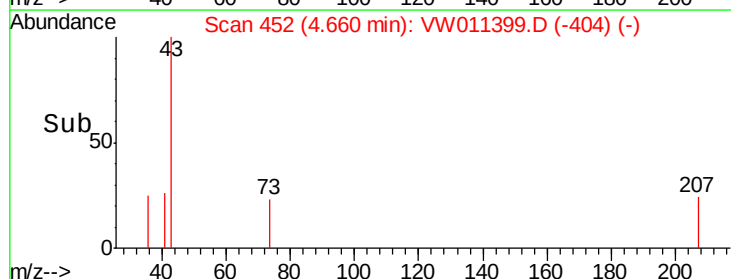
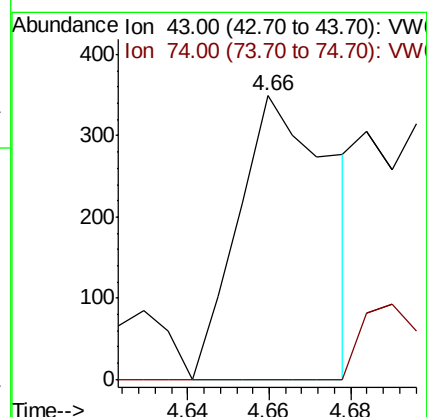
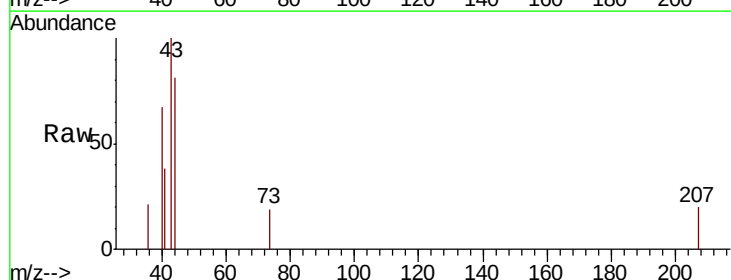
Acq: 20 Jul 2019 03:04

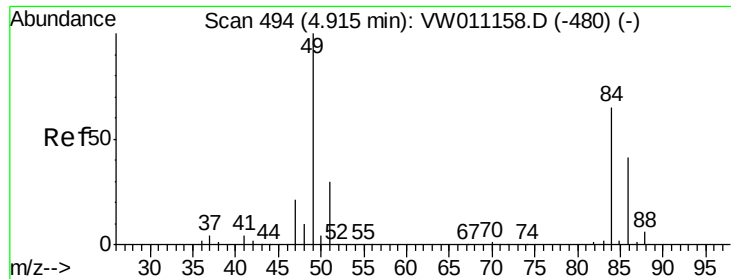
Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

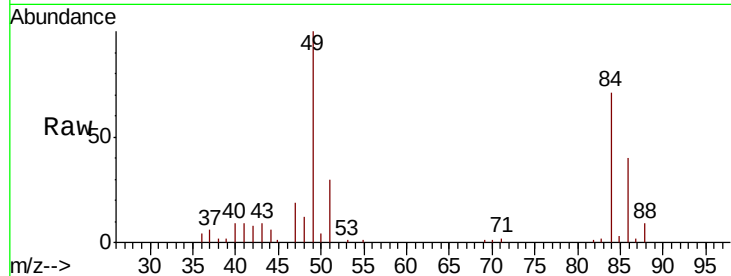




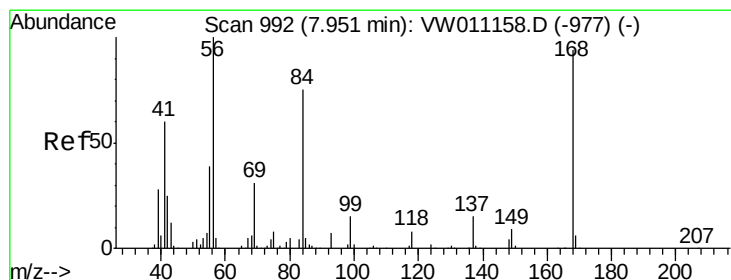
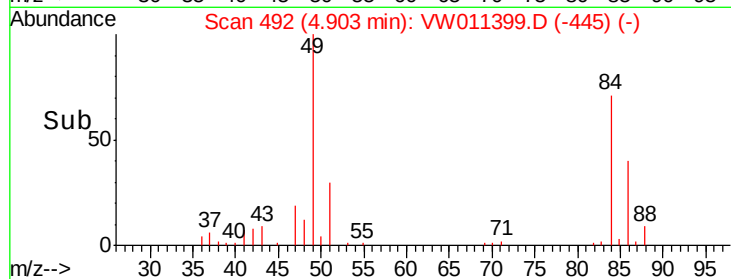
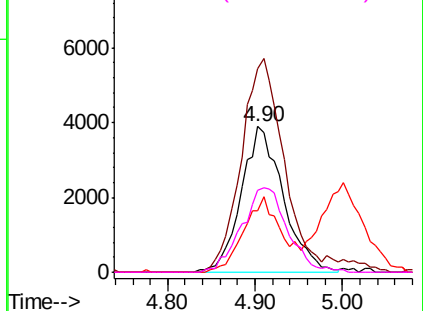
#20
Methvlene Chloride
Concen: 4.121 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(2)

Tot Ion:	84	Resp:	12982
Ion	Ratio	Lower	Upper
84	100		
49	139.9	123.8	185.6
51	42.4	37.4	56.2
86	56.2	51.1	76.7

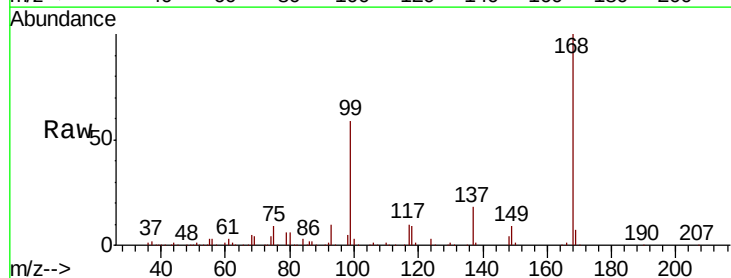


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

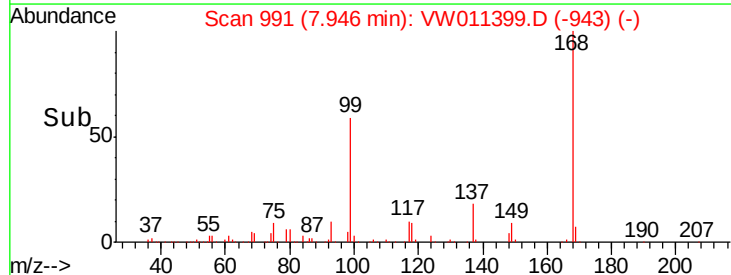
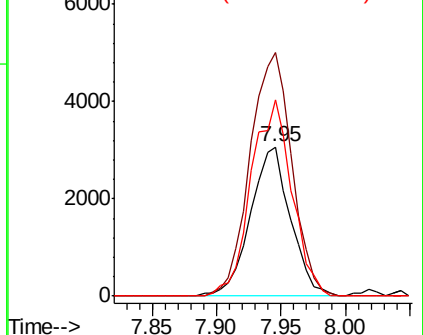


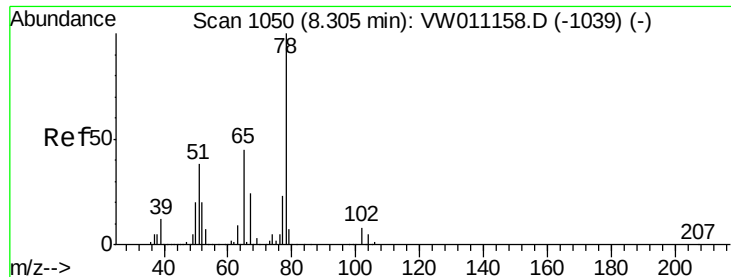
#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Tgt Ion:	56	Resp:	6604
Ion	Ratio	Lower	Upper
56	100		
69	163.2	24.6	36.8#
84	131.9	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

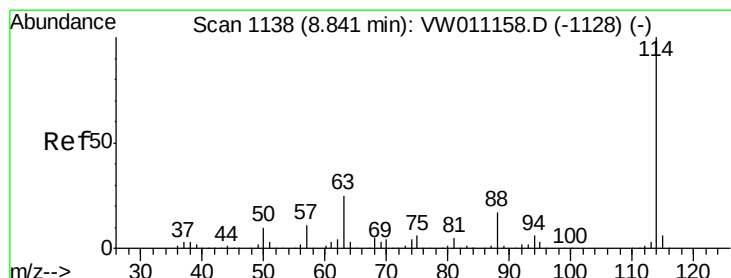
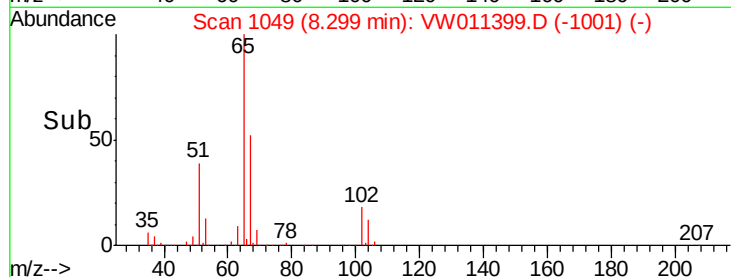
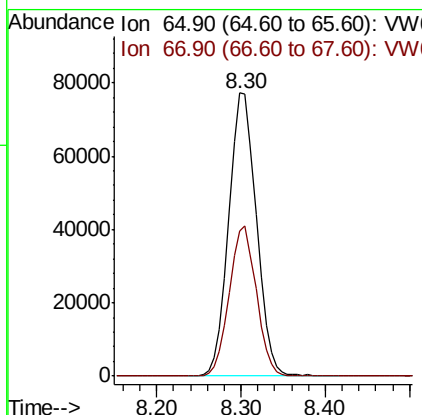
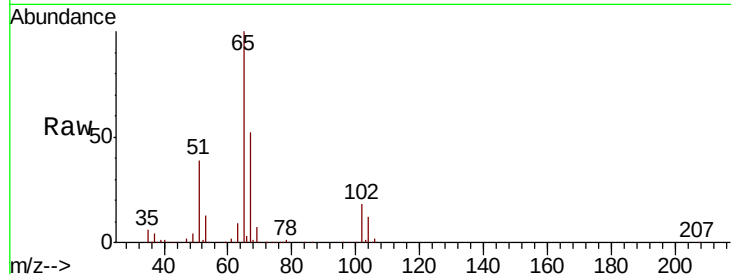




#33
 1,2-Dichloroethane-d4
 Concen: 52.008 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011399.D
 Acq: 20 Jul 2019 03:04

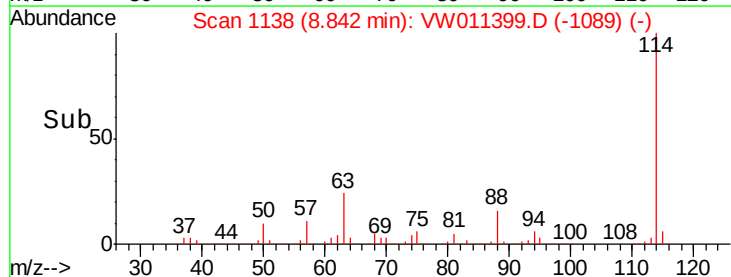
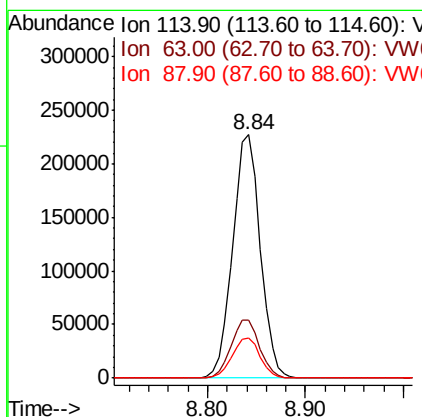
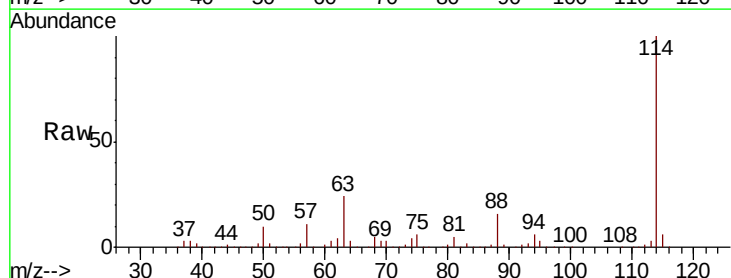
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(2)

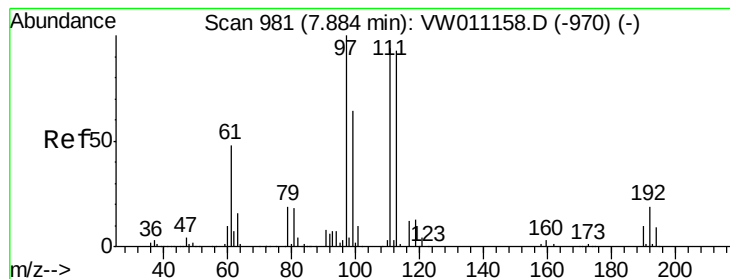
Tot Ion: 65 Resp: 172593
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011399.D
 Acq: 20 Jul 2019 03:04

Tgt Ion: 114 Resp: 445018
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 52.482 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(2)

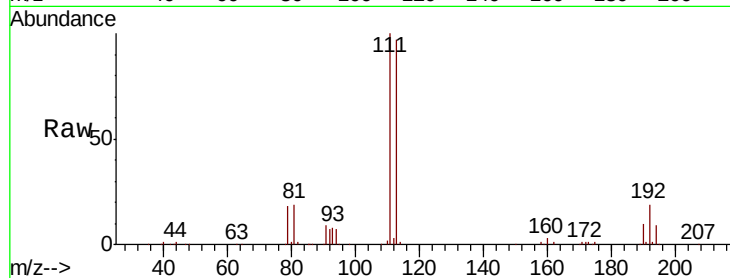
Tot Ion:113 Resp: 139209

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

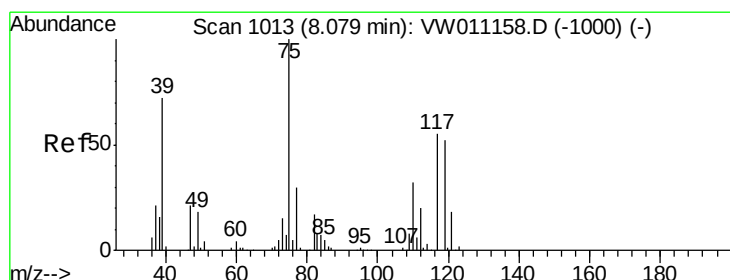
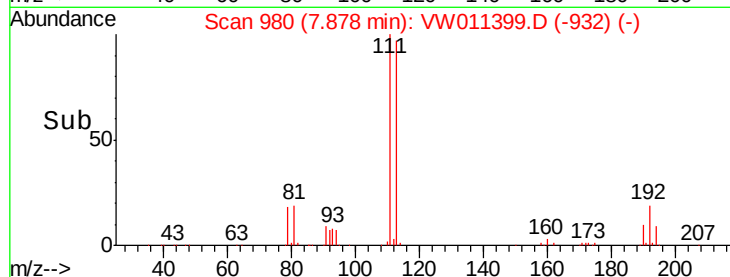
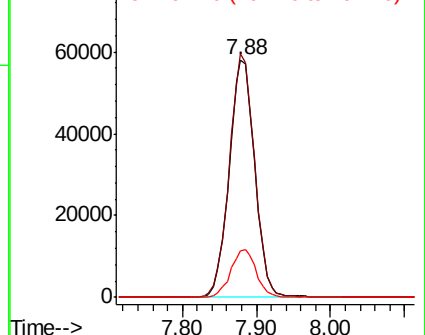
192 19.8 15.8 23.8



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: 4.921 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

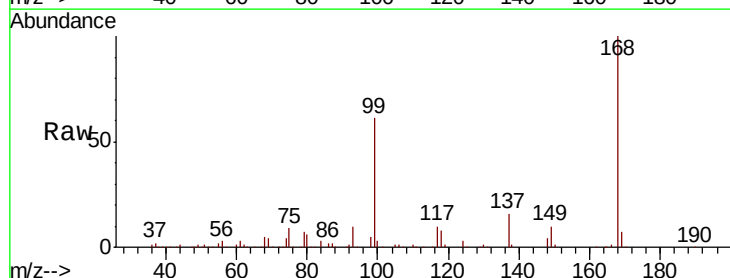
Tgt Ion: 75 Resp: 23319

Ion Ratio Lower Upper

75 100

110 8.5 15.9 47.6#

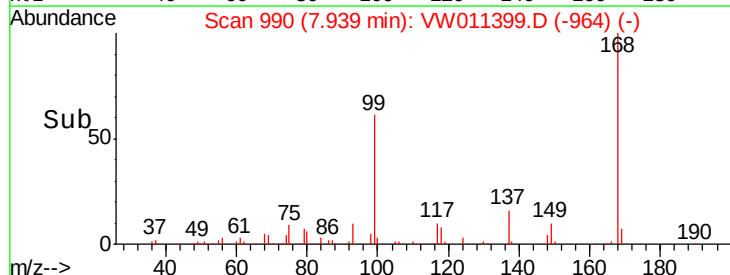
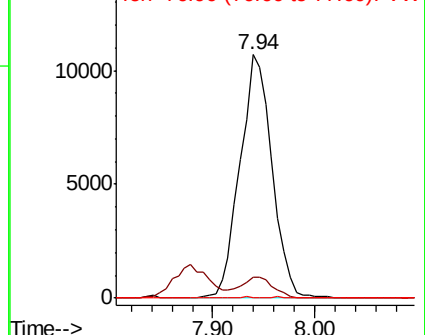
77 0.0 24.6 36.8#

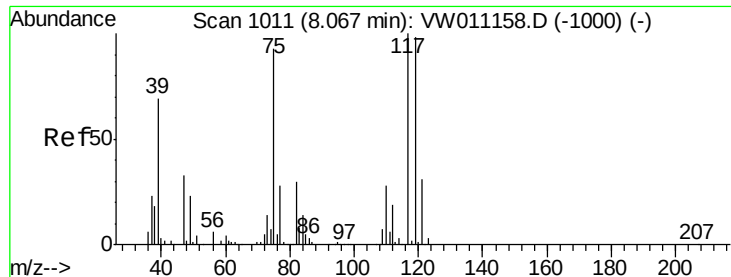


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

Instrument :

MSVOA_W

ClientSampled :

AOC-7(2)

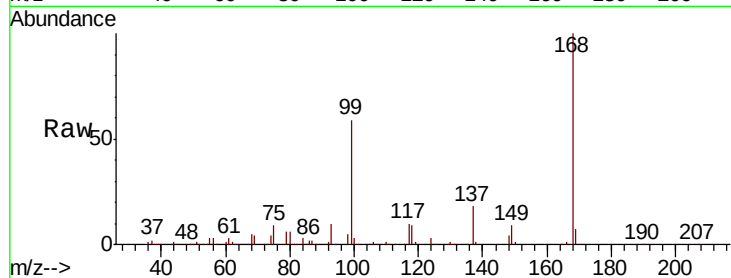
Tot Ion:117 Resp: 26073

Ion Ratio Lower Upper

117 100

119 5.8 78.1 117.1#

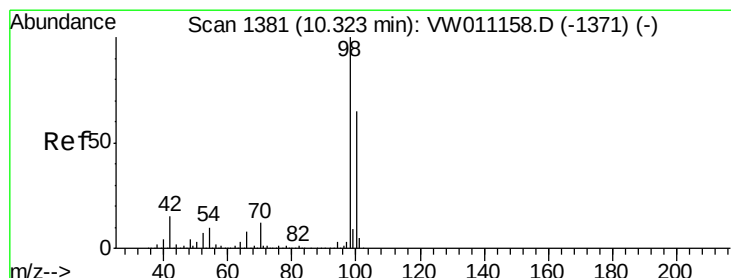
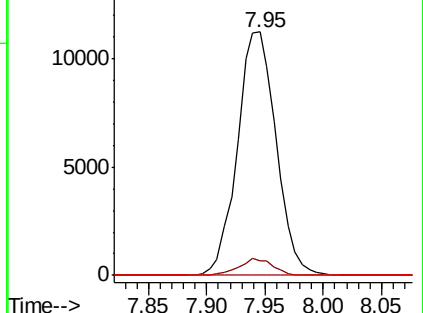
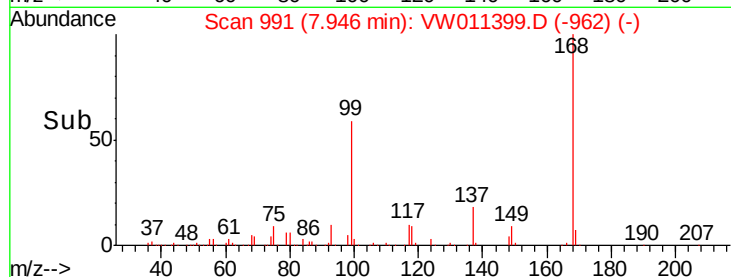
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.281 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011399.D

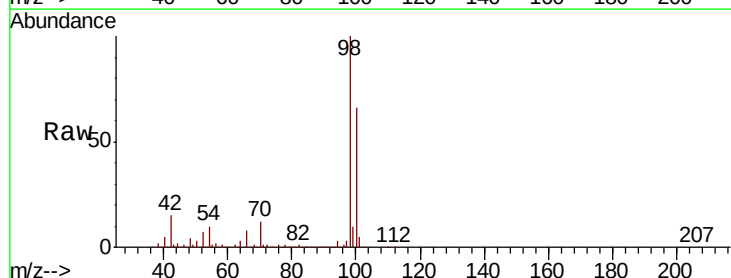
Acq: 20 Jul 2019 03:04

Tgt Ion: 98 Resp: 539109

Ion Ratio Lower Upper

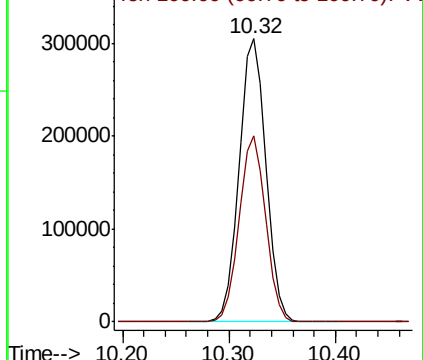
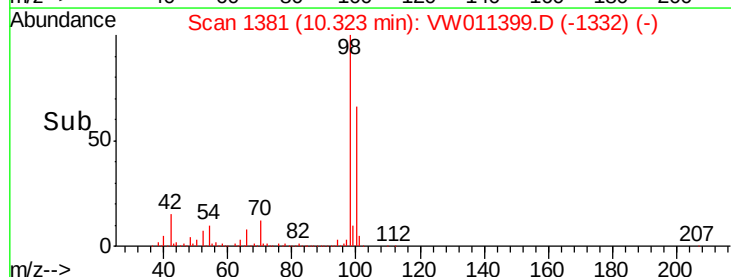
98 100

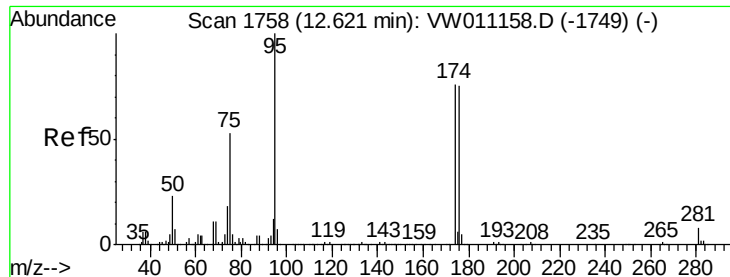
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 32.725 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(2)

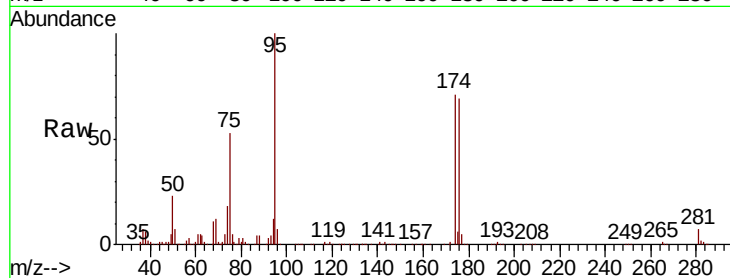
Tot Ion: 95 Resp: 128607

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

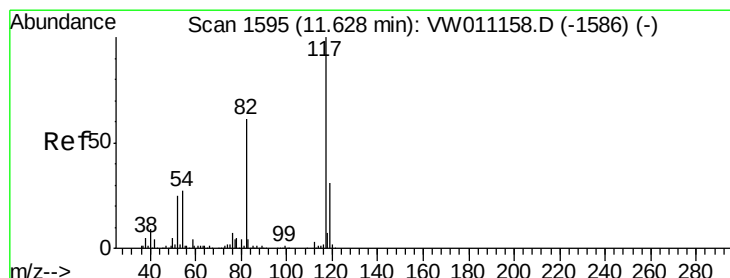
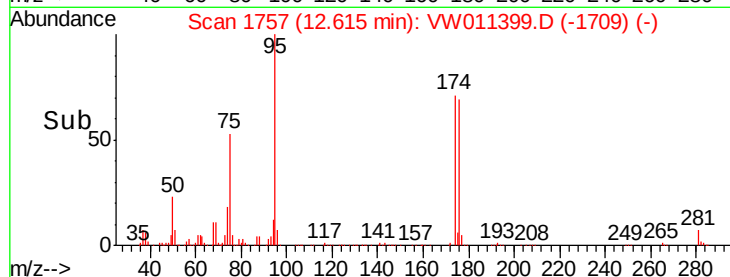
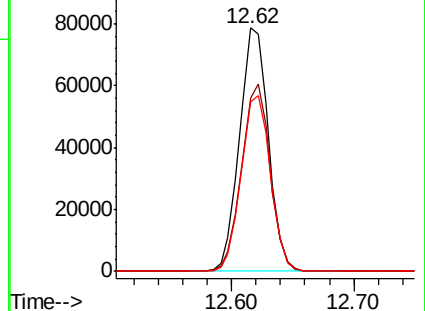
176 73.2 0.0 144.6



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# 1596

Delta R.T. 0.01 min

Lab File: VW011399.D

Acq: 20 Jul 2019 03:04

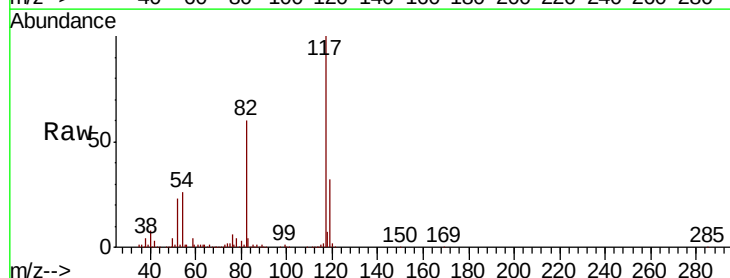
Tgt Ion: 117 Resp: 325370

Ion Ratio Lower Upper

117 100

82 59.6 48.9 73.3

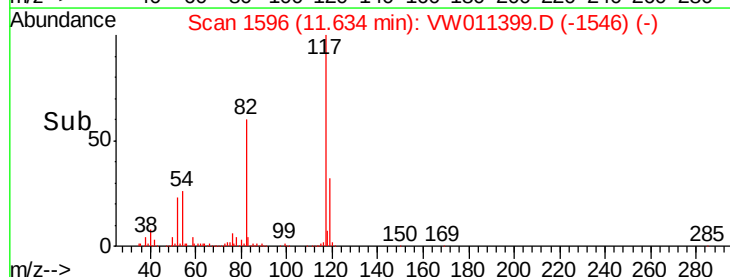
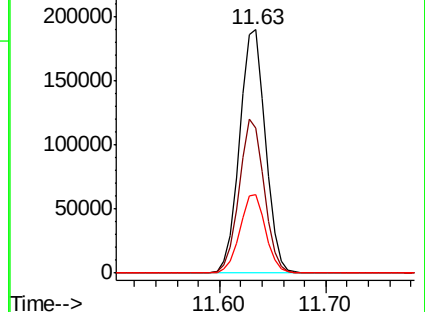
119 32.2 25.0 37.6

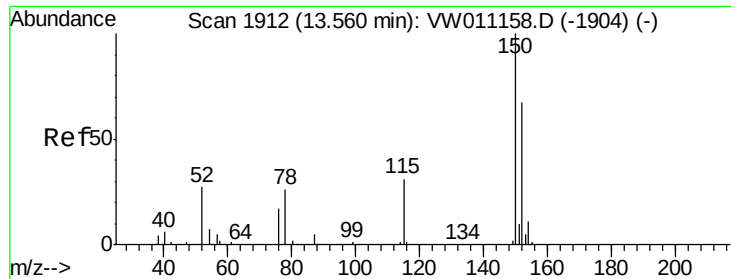


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



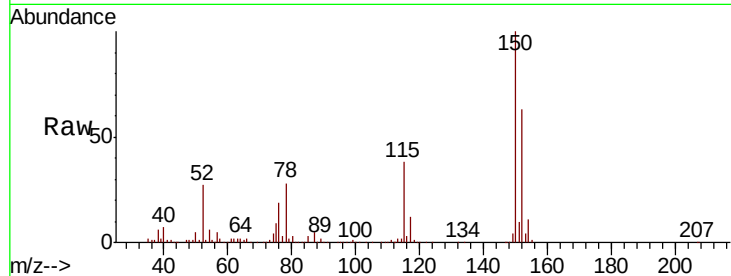


#72

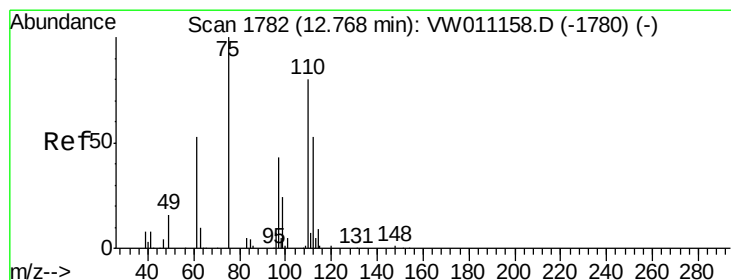
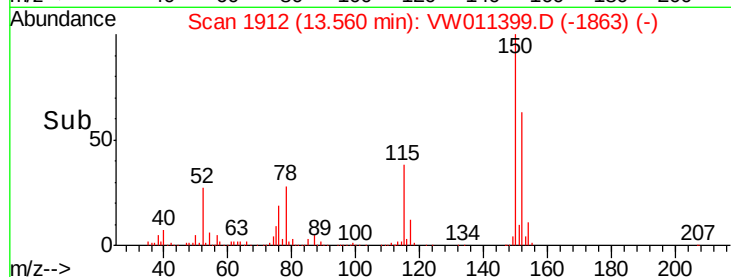
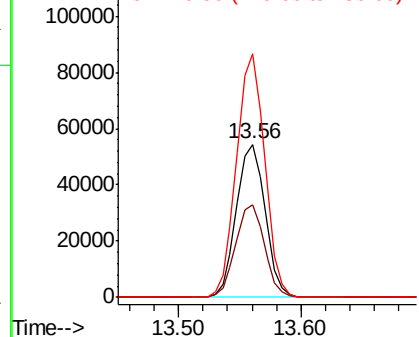
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(2)

Tot Ion:152 Resp: 88374
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.2 0.0 346.0



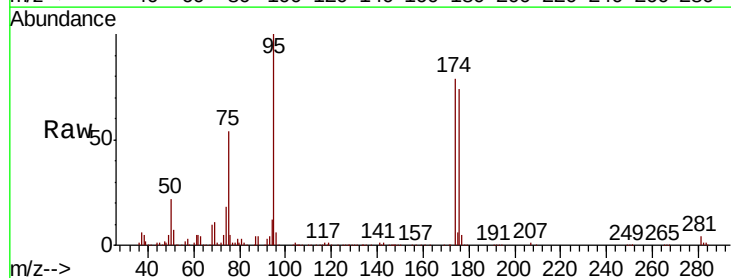
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



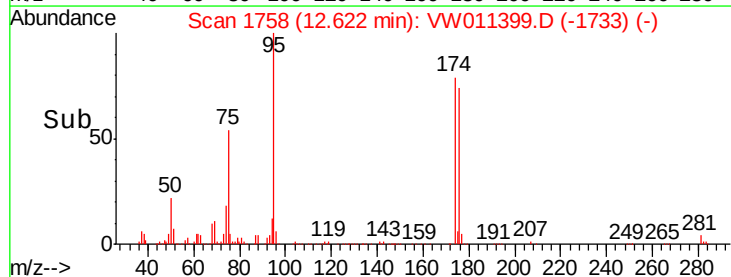
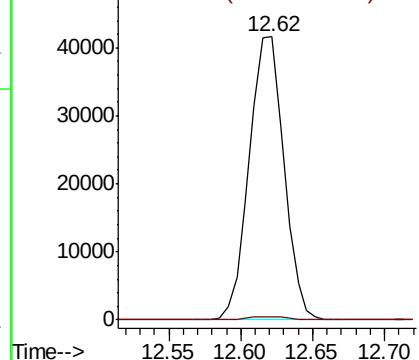
#76

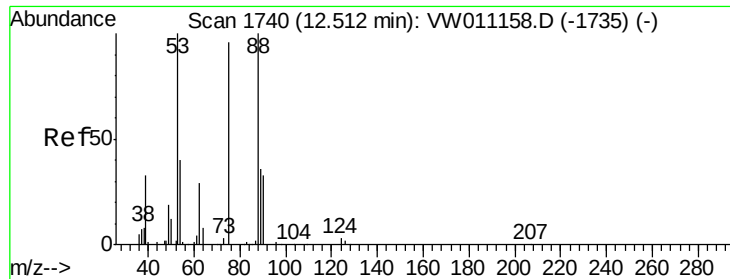
1,2,3-Trichloropropane
Concen: 68.077 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Tgt Ion: 75 Resp: 69525
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

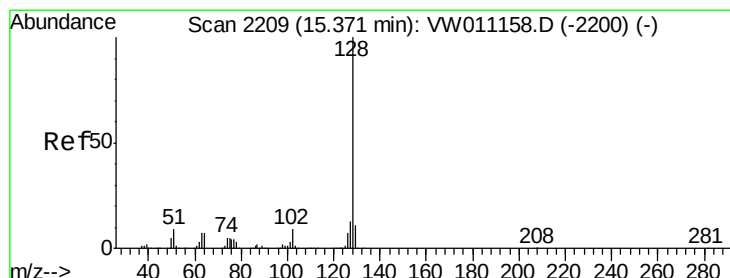
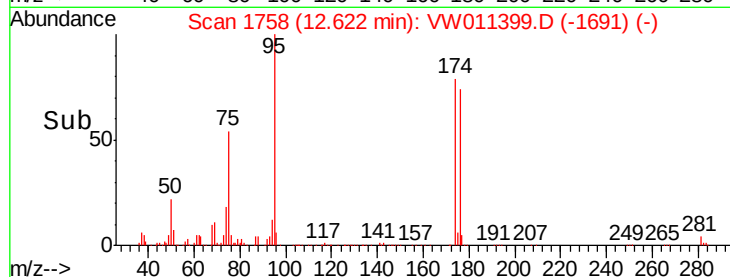
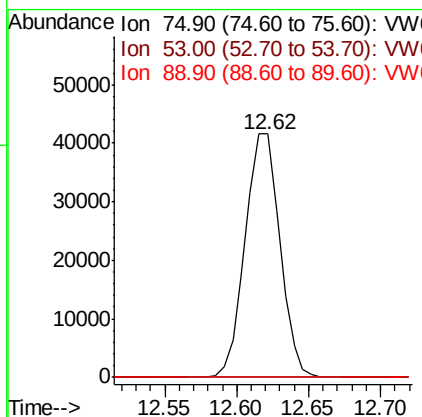
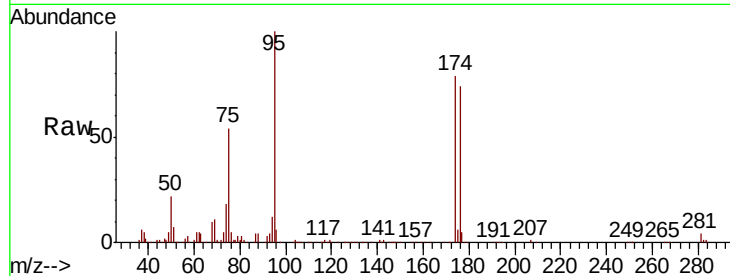




#81
trans-1,4-Dichloro-2-butene
Concen: 153.977 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Instrument :
MSVOA_W
ClientSampled :
AOC-7(2)

Tot Ion: 75 Resp: 69525
Ion Ratio Lower Upper
75 100
53 0.3 89.8 134.6#
89 0.0 34.3 51.5#



#95
Naphthalene
Concen: 10.563 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011399.D
Acq: 20 Jul 2019 03:04

Tgt Ion:128 Resp: 36079
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.1 8.7 13.1

