

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007480.D
 Acq On : 13 Dec 2018 11:43
 Operator : SY/AP
 Sample : J6319-14
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 068_DUP-2

Quant Time: Dec 13 12:50:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	81399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32475	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	35475	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
35) Dibromofluoromethane	7.88	113	32646	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.32	98	102285	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	12.62	95	33352	39.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.04%	

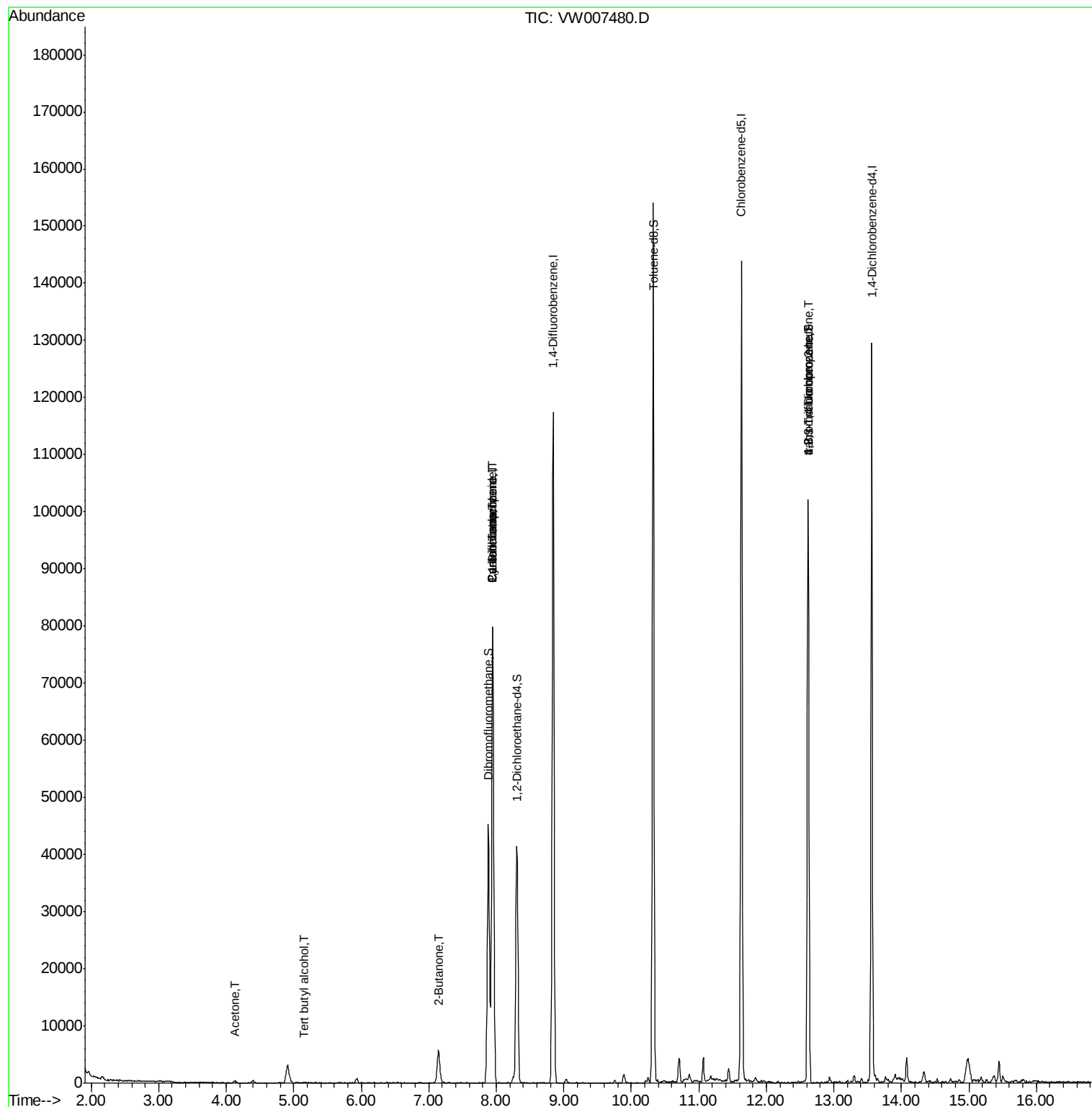
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	46	1.001	ug/l #	74
16) Acetone	4.13	43	863	7.381	ug/l	91
25) 2-Butanone	7.15	43	301	1.972	ug/l #	45
31) Cyclohexane	7.94	56	1217	1.170	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	4627	5.016	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6202	6.179	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	16909	63.149	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	16909	139.496	ug/l #	7

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

Instrument :

MSVOA_W

ClientSampleId :

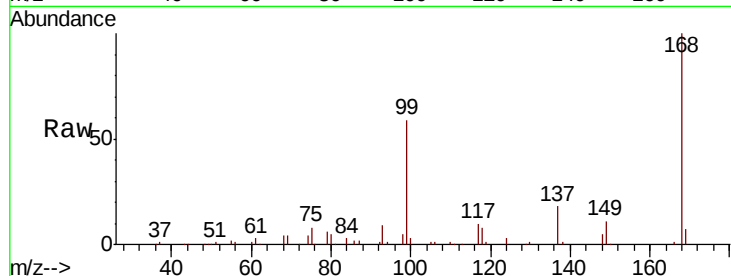
068_DUP-2

Tot Ion:168 Resp: 60333

Ion Ratio Lower Upper

168 100

99 58.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

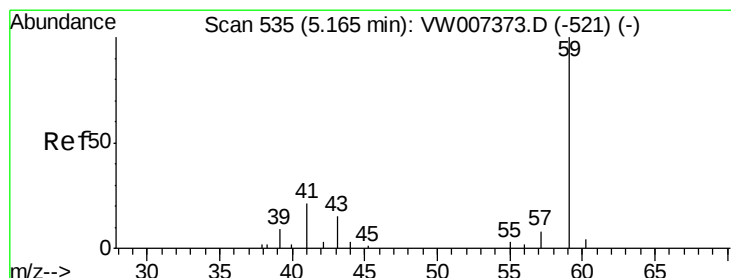
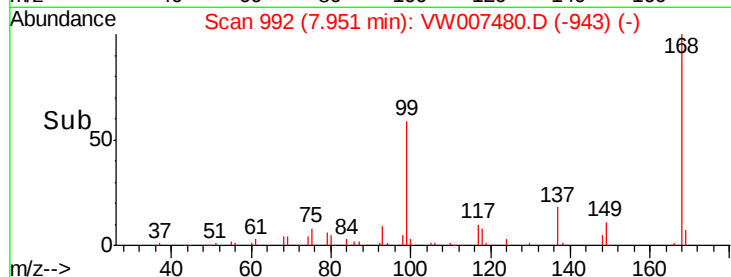
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.001 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007480.D

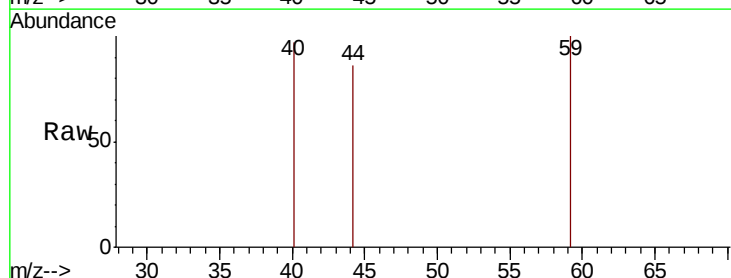
Acq: 13 Dec 2018 11:43

Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

60

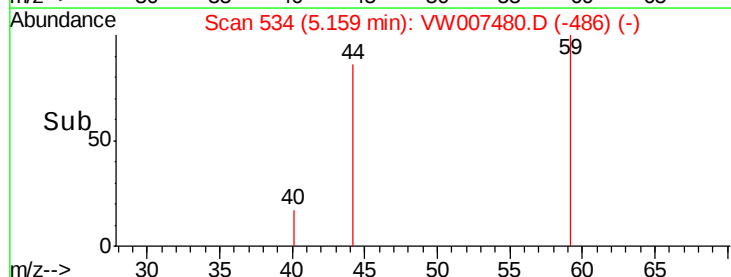
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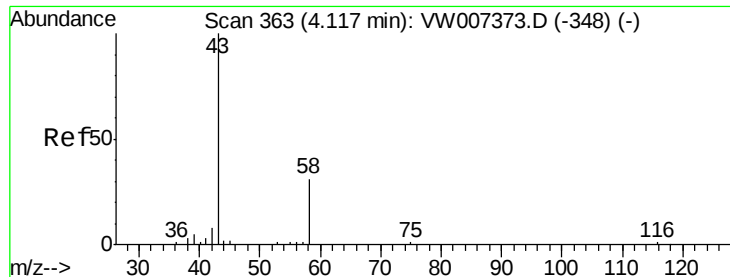
20

0

Time-->

5.13 5.14 5.15 5.16 5.17





#16

Acetone

Concen: 7.381 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

Instrument :

MSVOA_W

ClientSampled :

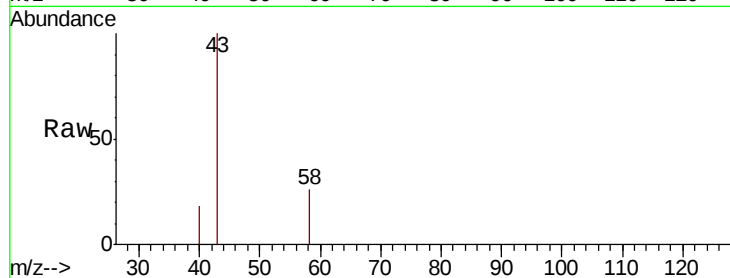
068_DUP-2

Tot Ion: 43 Resp: 863

Ion Ratio Lower Upper

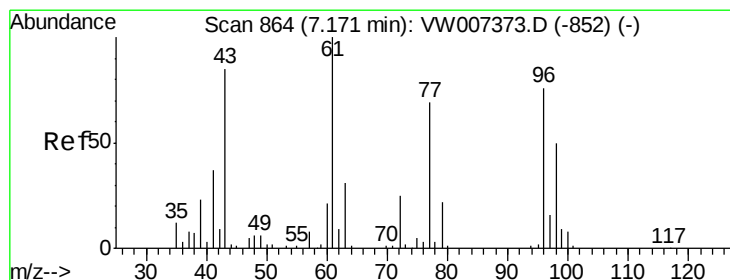
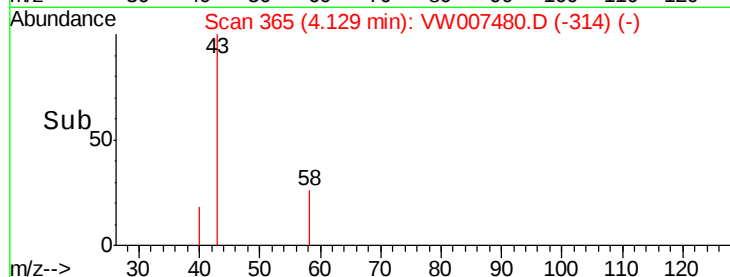
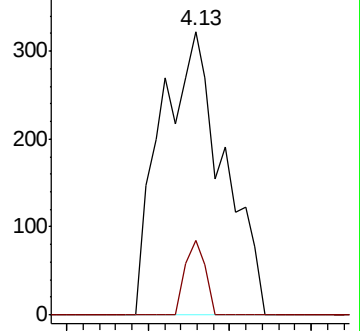
43 100

58 26.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.972 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007480.D

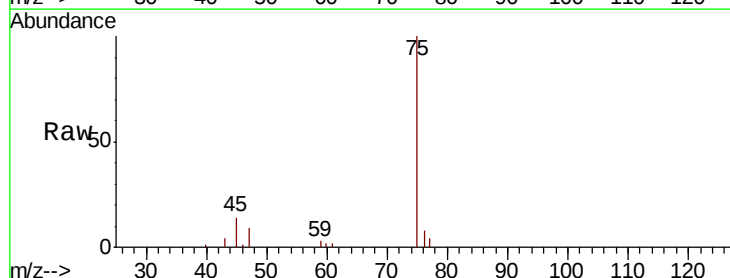
Acq: 13 Dec 2018 11:43

Tgt Ion: 43 Resp: 301

Ion Ratio Lower Upper

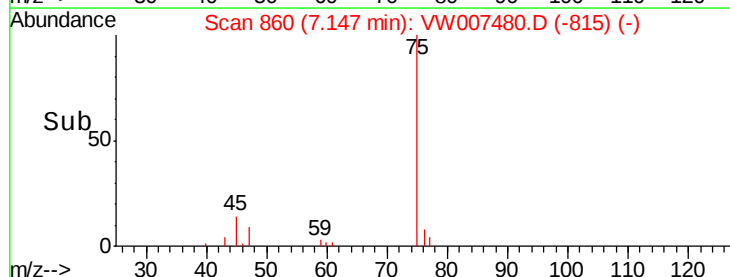
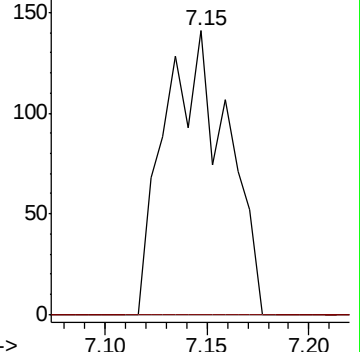
43 100

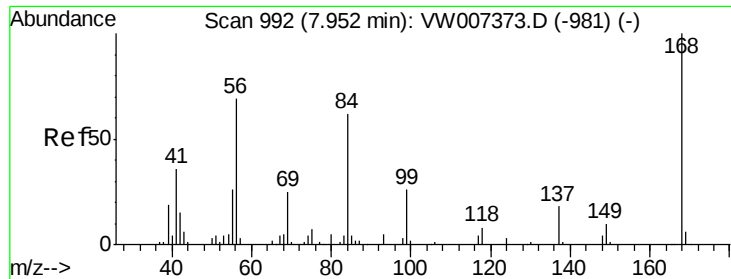
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

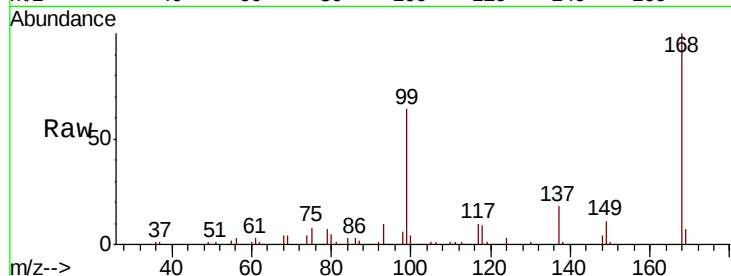




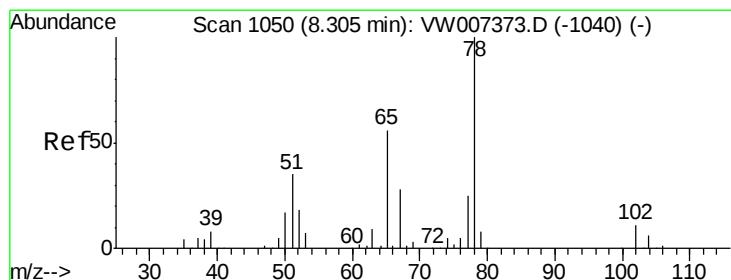
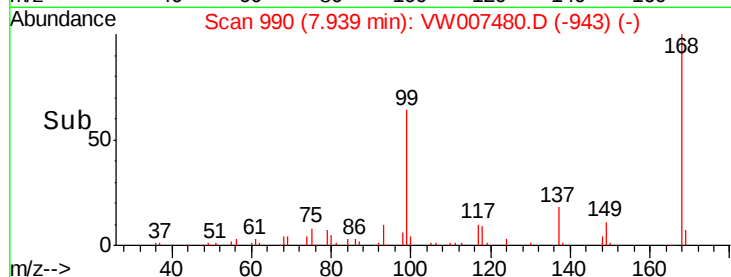
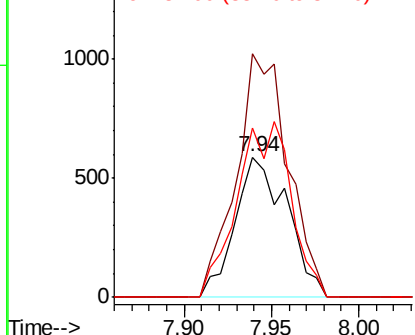
#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

Instrument :
MSVOA_W
ClientSampleId :
068_DUP-2

Tot Ion: 56 Resp: 1217
Ion Ratio Lower Upper
56 100
69 173.5 28.9 43.3#
84 120.9 71.8 107.6#

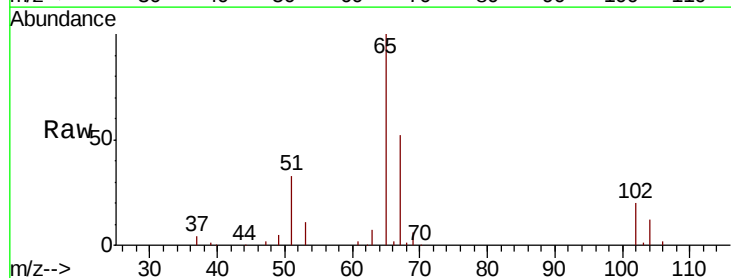


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

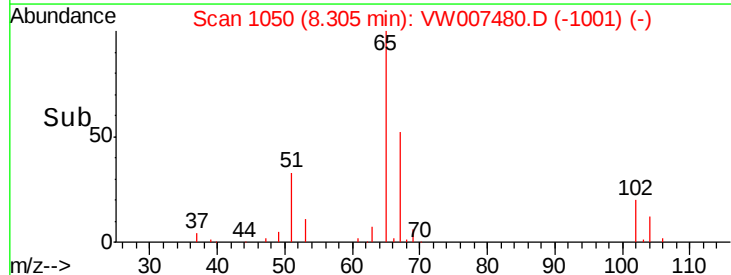
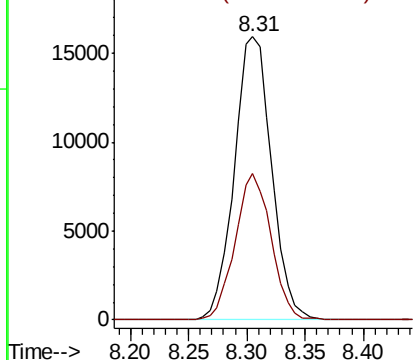


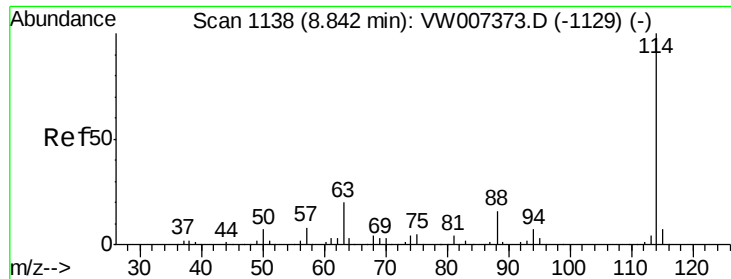
#33
1,2-Dichloroethane-d4
Concen: 52.999 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

Tgt Ion: 65 Resp: 35475
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6



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

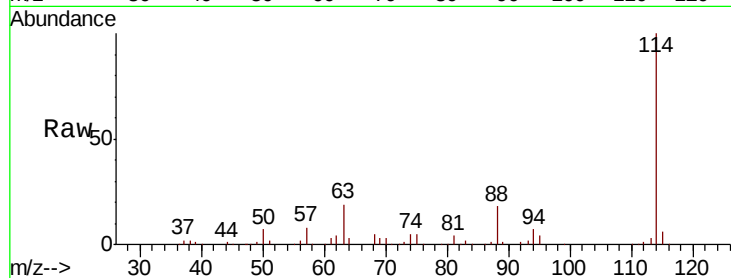




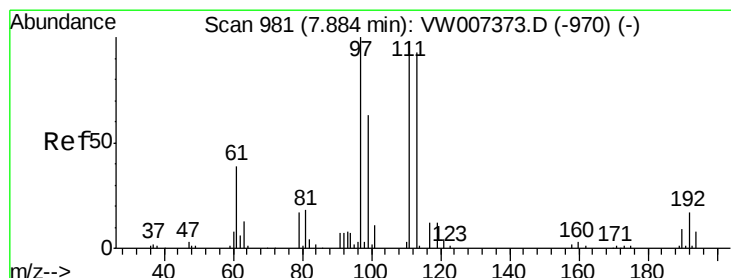
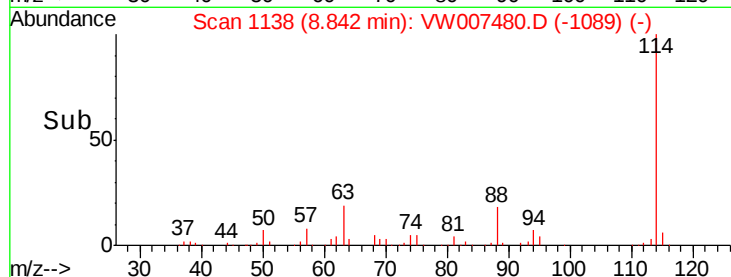
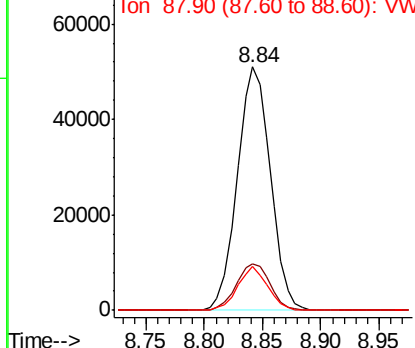
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

Instrument :
MSVOA_W
ClientSampleId :
068_DUP-2

Tot Ion:114 Resp: 101119
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 18.2 0.0 31.4

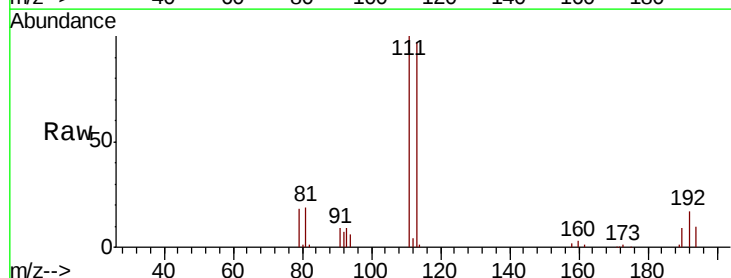


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

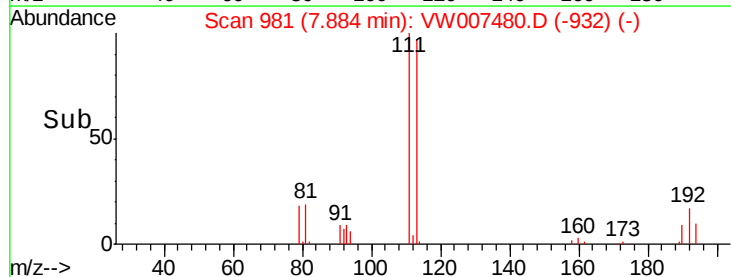
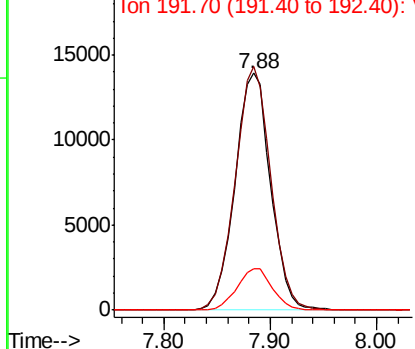


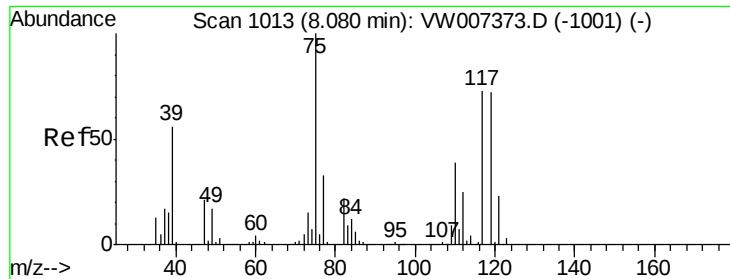
#35
Dibromofluoromethane
Concen: 53.333 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

Tgt Ion:113 Resp: 32646
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 17.3 14.6 21.8



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

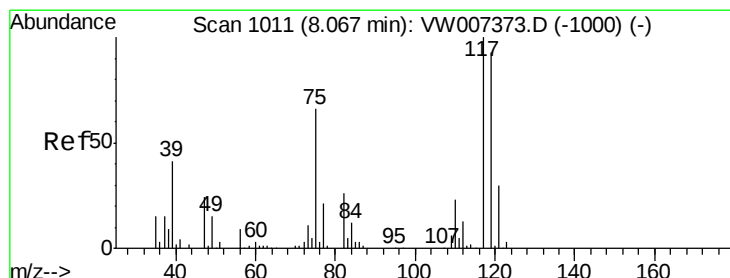
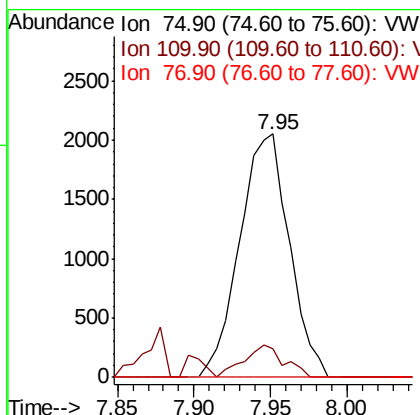
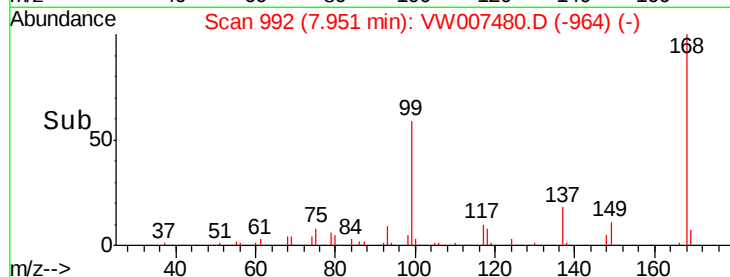
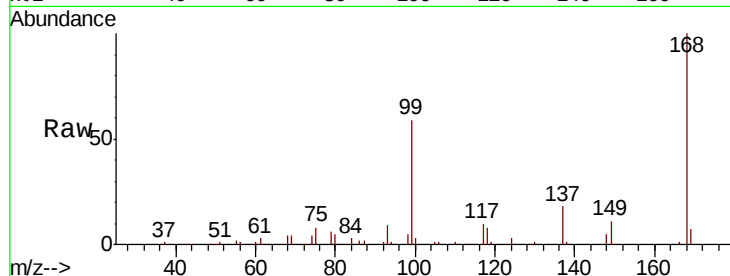




#36
 1,1-Dichloropropene
 Concen: 5.016 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007480.D
 Acq: 13 Dec 2018 11:43

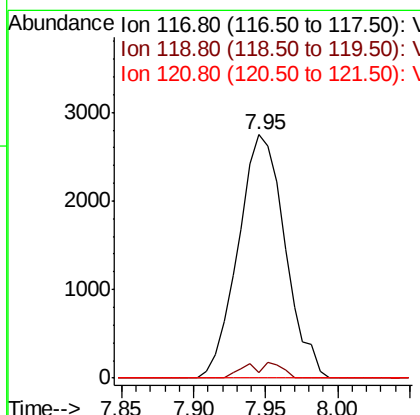
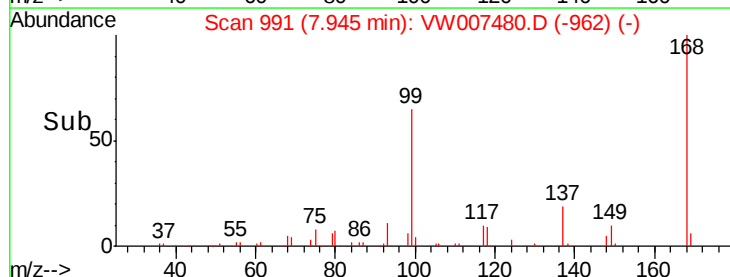
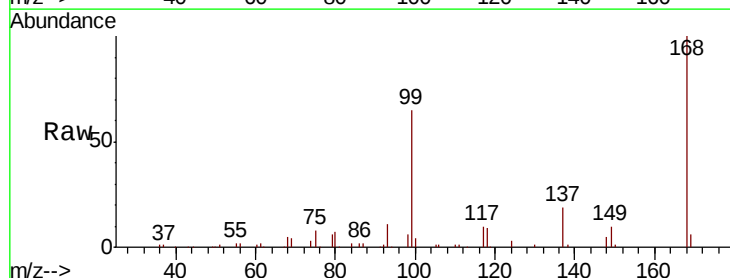
Instrument :
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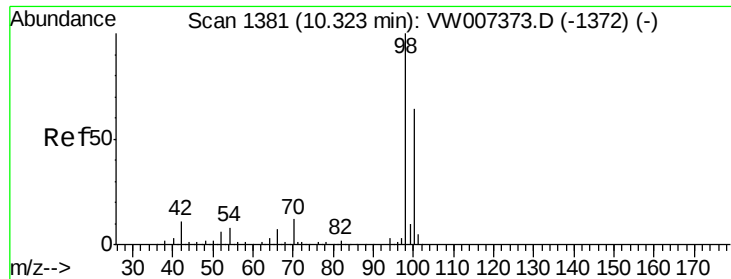
Tot Ion: 75 Resp: 4627
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.179 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007480.D
 Acq: 13 Dec 2018 11:43

Tgt Ion: 117 Resp: 6202
 Ion Ratio Lower Upper
 117 100
 119 2.5 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 44.567 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

Instrument :

MSVOA_W

ClientSampleId :

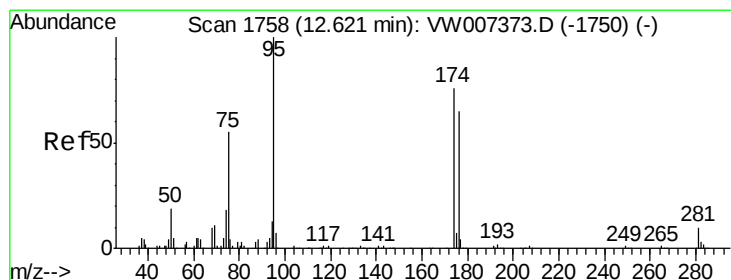
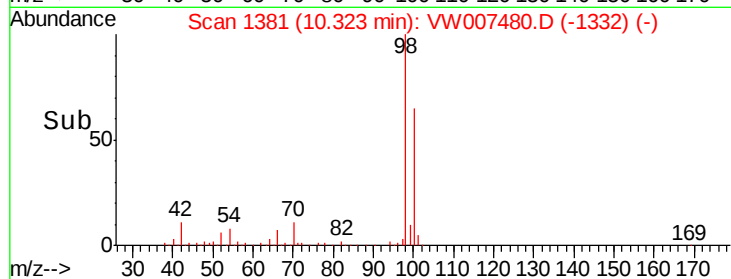
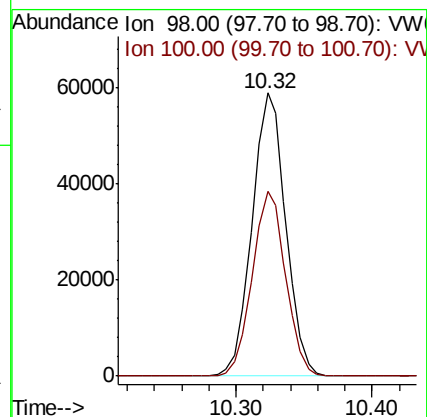
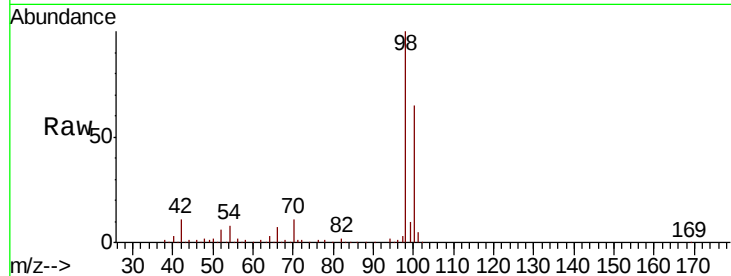
068_DUP-2

Tot Ion: 98 Resp: 102285

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 39.524 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

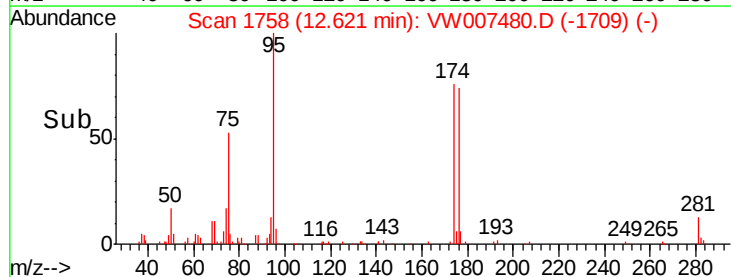
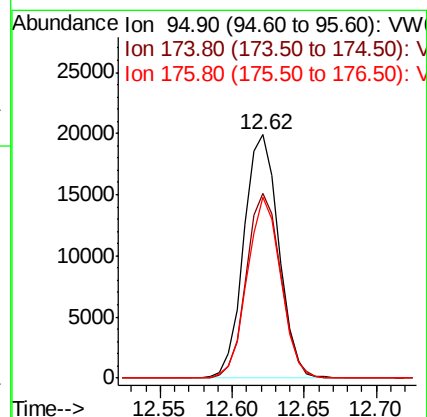
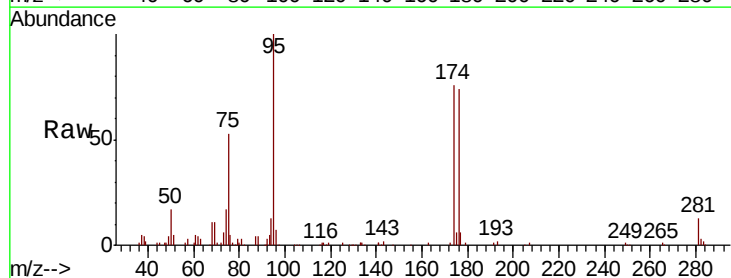
Tgt Ion: 95 Resp: 33352

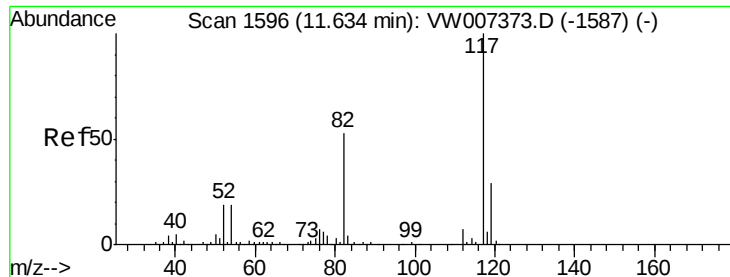
Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.2

176 71.3 0.0 138.8

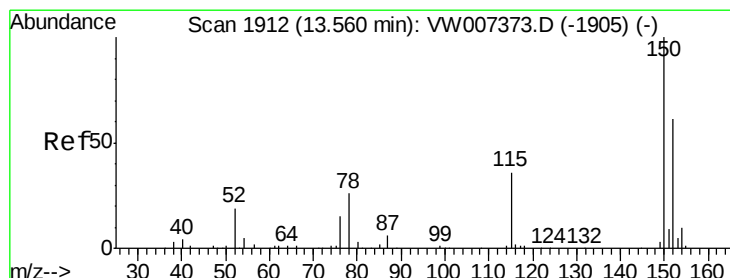
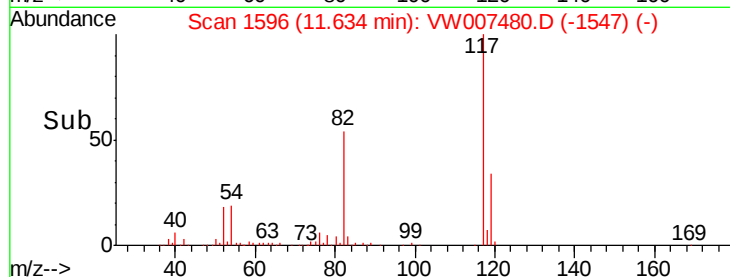
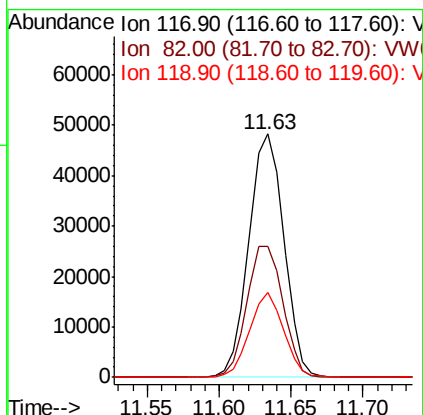
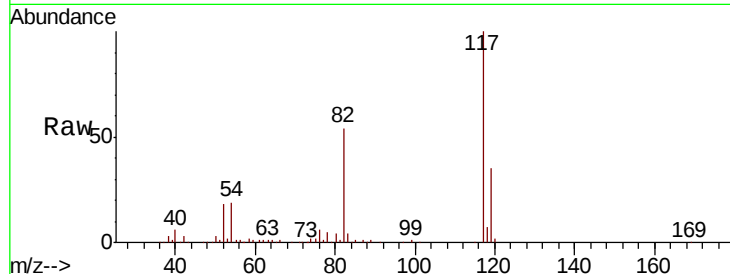




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

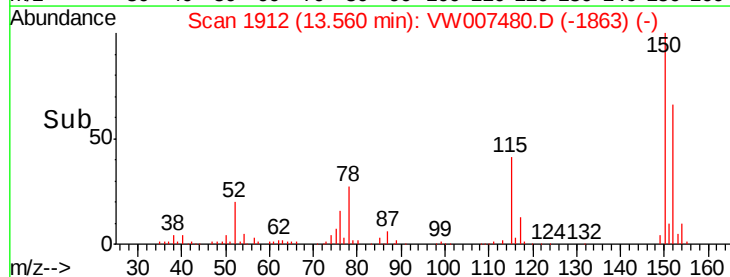
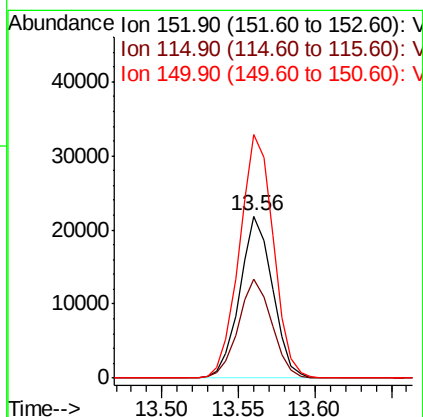
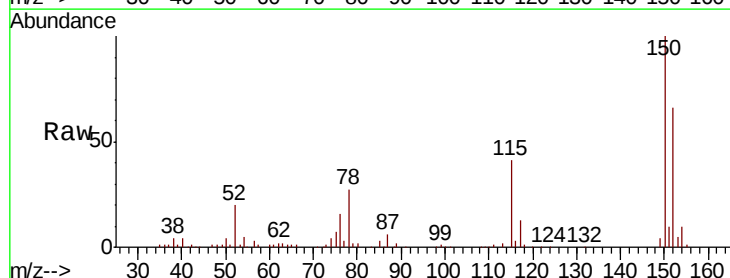
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068_DUP-2

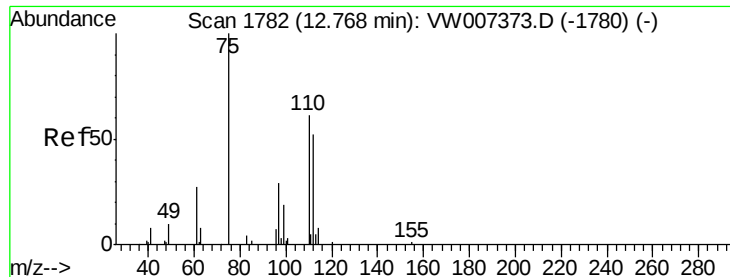
Tot Ion:117 Resp: 81399
Ion Ratio Lower Upper
117 100
82 53.6 42.3 63.5
119 34.4 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007480.D
Acq: 13 Dec 2018 11:43

Tgt Ion:152 Resp: 32475
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.2
150 155.5 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 63.149 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

Instrument :

MSVOA_W

ClientSampleId :

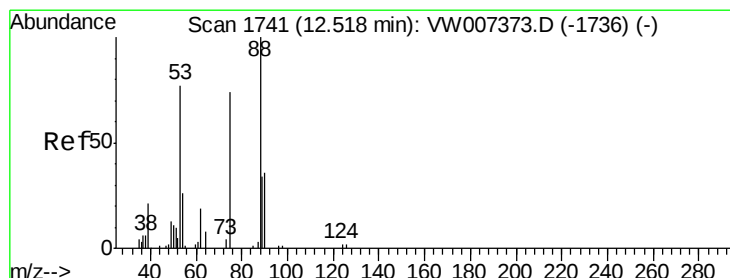
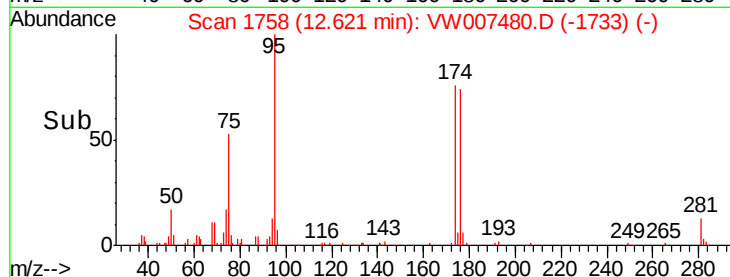
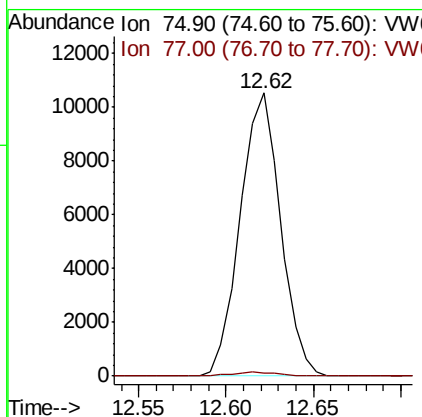
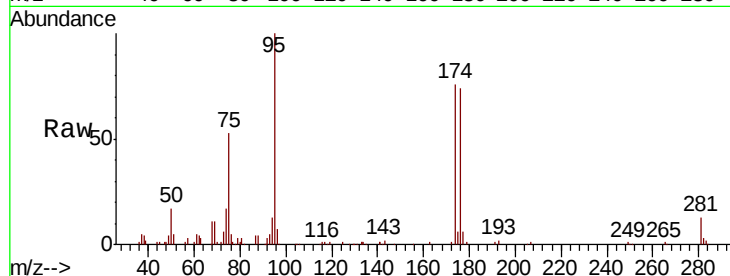
068_DUP-2

Tot Ion: 75 Resp: 16909

Ion Ratio Lower Upper

75 100

77 1.4 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.496 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007480.D

Acq: 13 Dec 2018 11:43

Tgt Ion: 75 Resp: 16909

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

