

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007553.D
 Acq On : 15 Dec 2018 01:04
 Operator : SY/AP
 Sample : J6391-12
 Misc : 4.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS017-0006-01

Quant Time: Dec 15 03:57:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 15 03:35:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	22875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	38743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	27860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8422	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15471	60.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.92%	
35) Dibromofluoromethane	7.88	113	12438	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.32	98	35826	40.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.48%	
62) 4-Bromofluorobenzene	12.62	95	10009	30.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.92%	

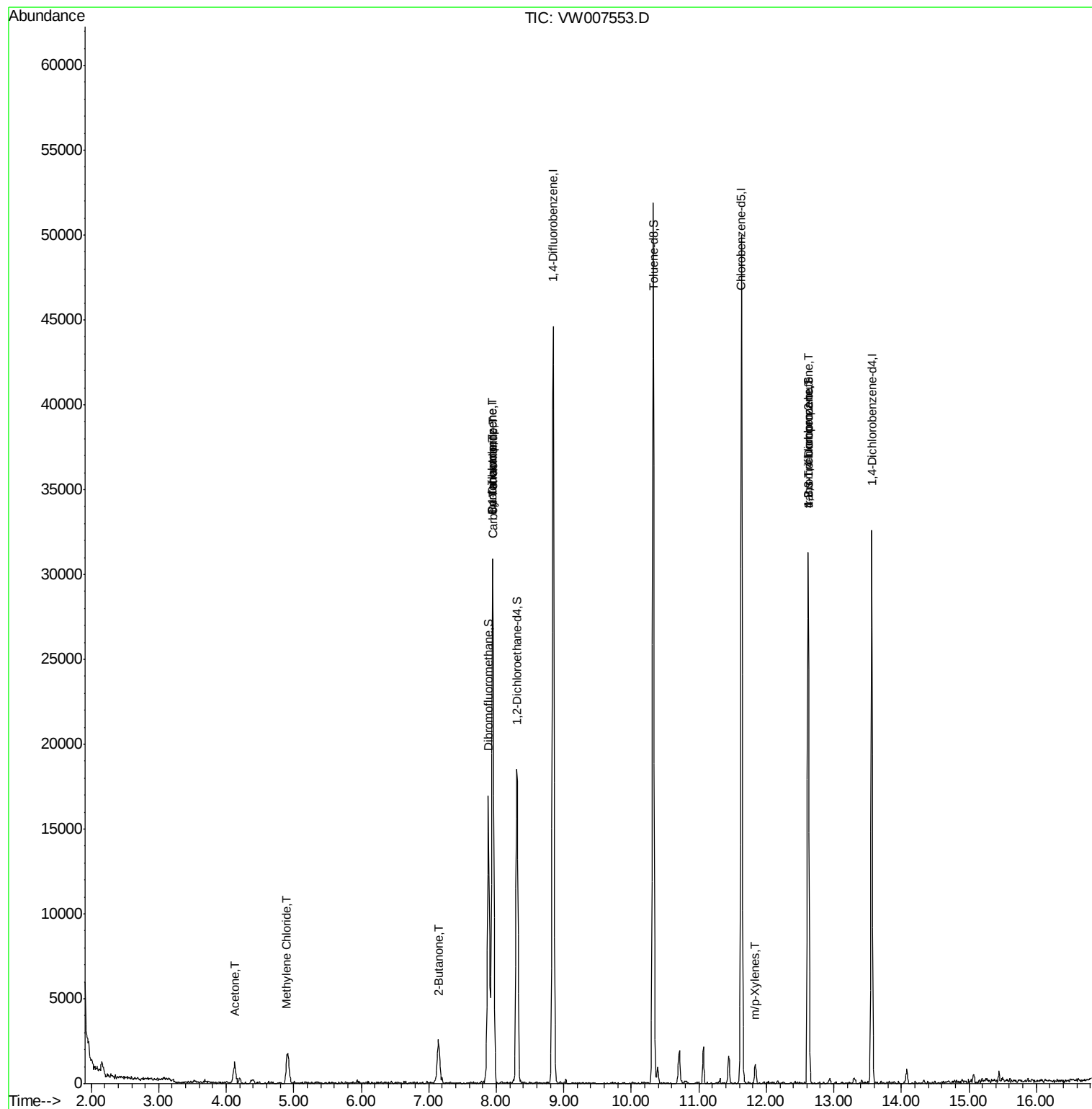
Target Compounds						Qvalue
16) Acetone	4.13	43	2144	48.367	ug/l #	87
20) Methylene Chloride	4.90	84	1531	2.602	ug/l #	85
25) 2-Butanone	7.16	43	130	2.246	ug/l #	45
31) Cyclohexane	7.95	56	489	1.240	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	1768	5.002	ug/l #	43
38) Carbon Tetrachloride	7.96	117	2371	6.166	ug/l #	13
68) m/p-Xylenes	11.84	106	490	1.262	ug/l	82
76) 1,2,3-Trichloropropane	12.62	75	5082	73.184	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5082	161.663	ug/l #	7

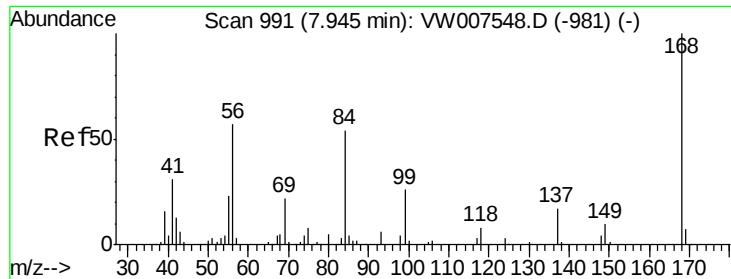
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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QLast Update : Sat Dec 15 03:35:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

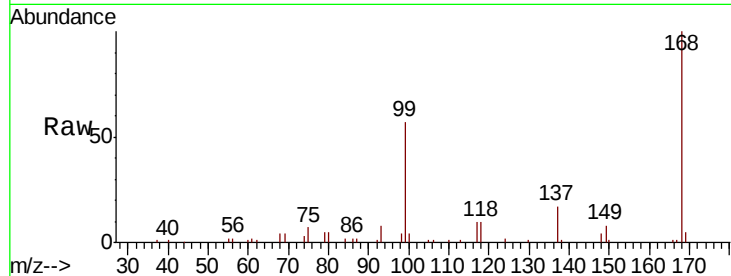
P001-SS017-0006-01

Tgt Ion:168 Resp: 22875

Ion Ratio Lower Upper

168 100

99 57.3 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

12000

10000

8000

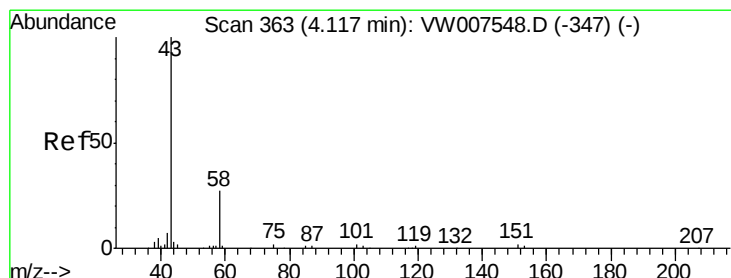
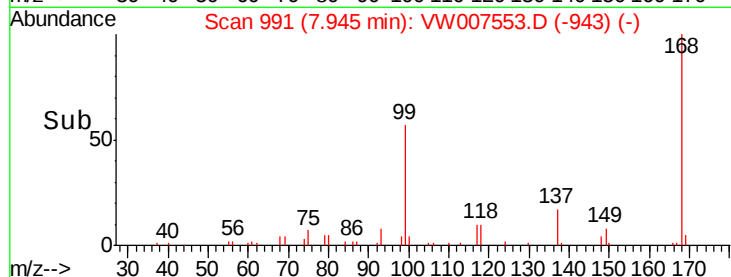
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 48.367 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007553.D

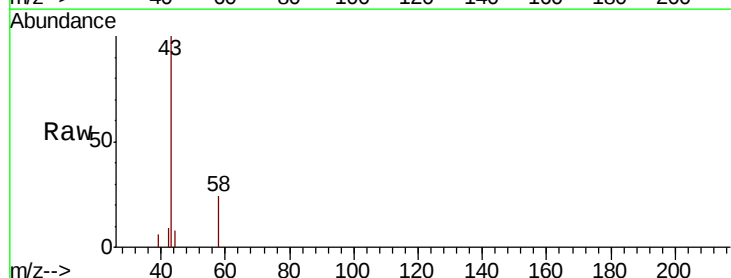
Acq: 15 Dec 2018 01:04

Tgt Ion: 43 Resp: 2144

Ion Ratio Lower Upper

43 100

58 23.9 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

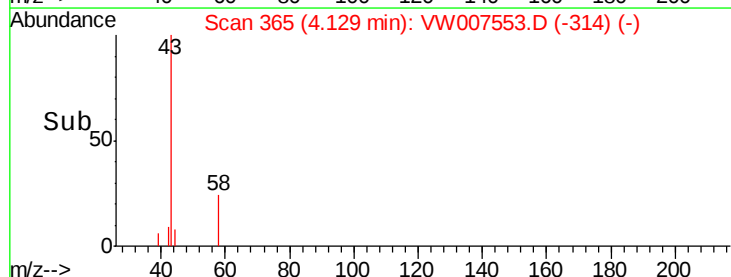
600

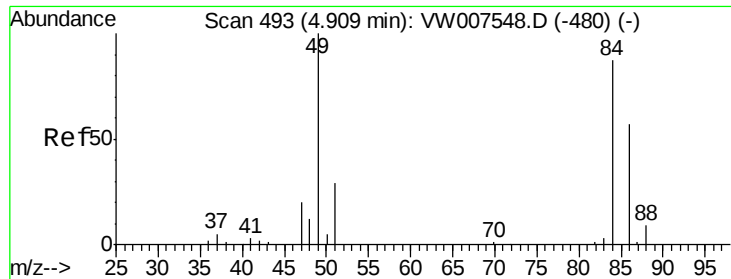
400

200

0

Time-->





#20

Methylene Chloride

Concen: 2.602 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

P001-SS017-0006-01

Tgt Ion: 84 Resp: 1531

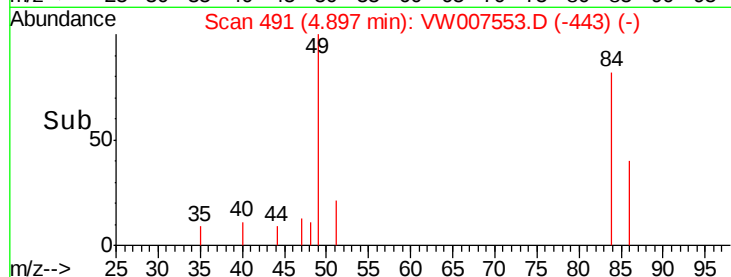
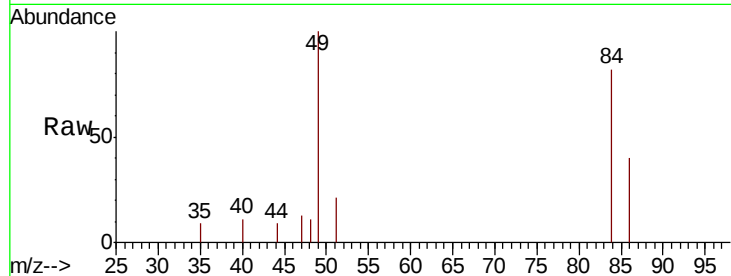
Ion Ratio Lower Upper

84 100

49 122.2 87.1 130.7

51 25.1 28.2 42.2#

86 48.6 50.8 76.2#

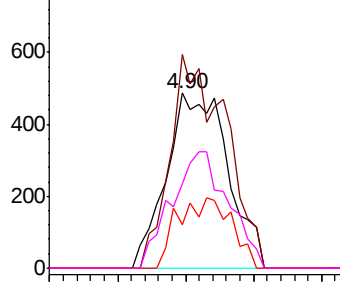


Abundance Ion 83.90 (83.60 to 84.60): VW

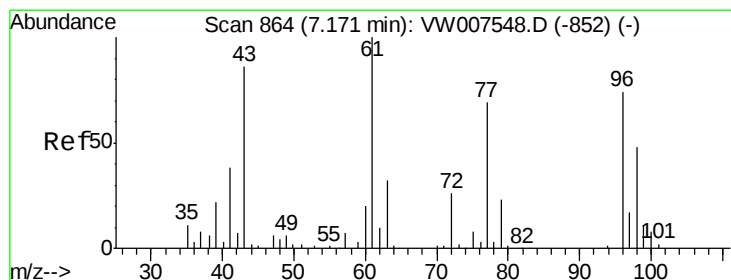
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.85 4.90 4.95 5.00



#25

2-Butanone

Concen: 2.246 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007553.D

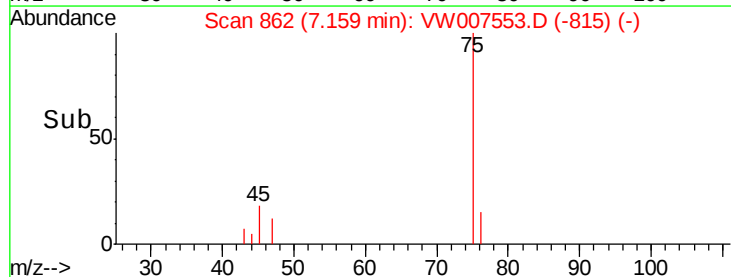
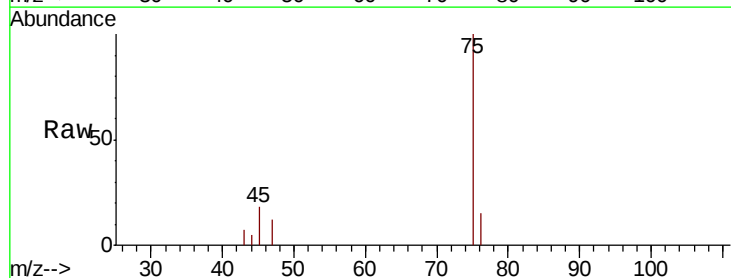
Acq: 15 Dec 2018 01:04

Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

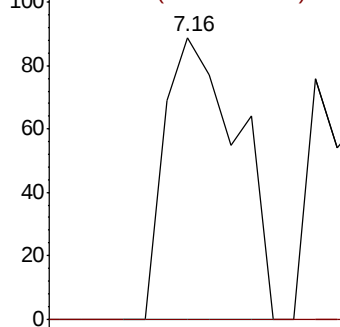
43 100

72 0.0 23.4 35.2#

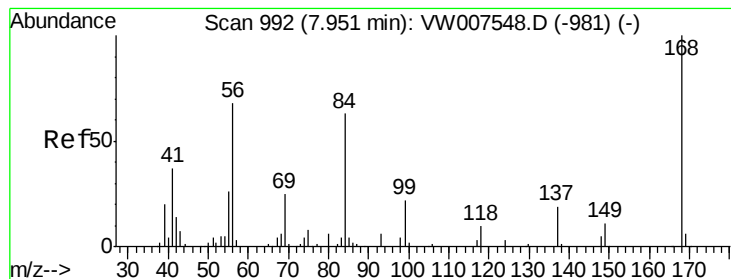


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time--> 7.12 7.14 7.16 7.18



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

P001-SS017-0006-01

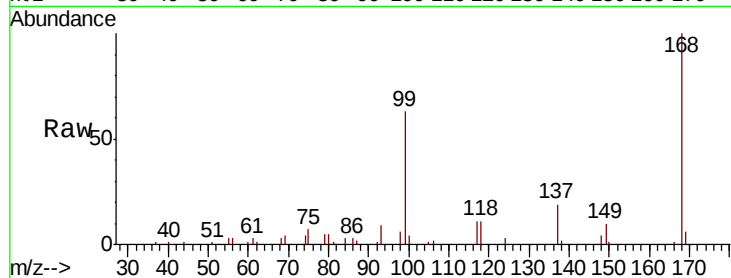
Tgt Ion: 56 Resp: 489

Ion Ratio Lower Upper

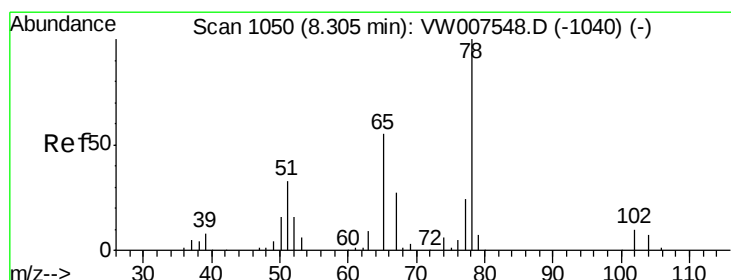
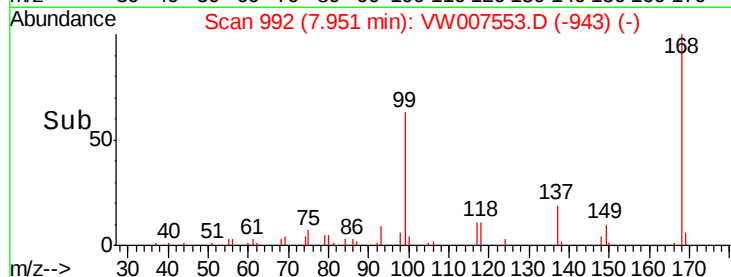
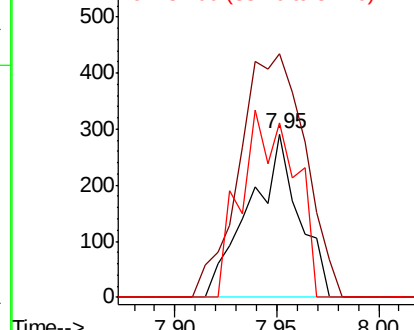
56 100

69 149.1 28.9 43.3#

84 106.9 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: 60.962 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007553.D

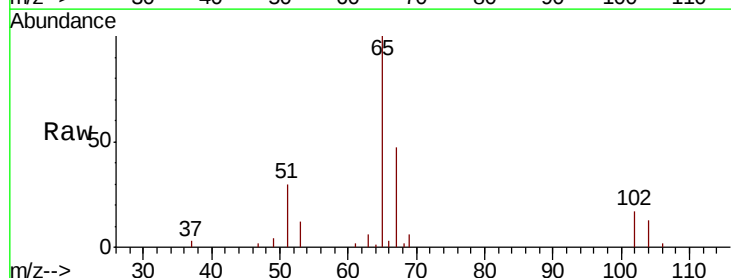
Acq: 15 Dec 2018 01:04

Tgt Ion: 65 Resp: 15471

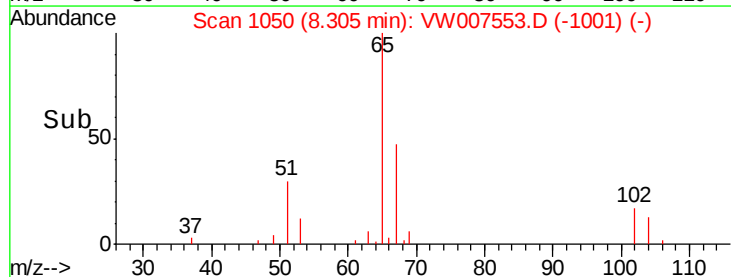
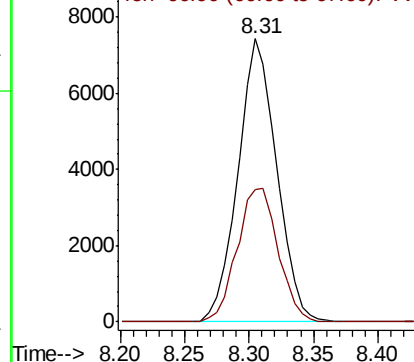
Ion Ratio Lower Upper

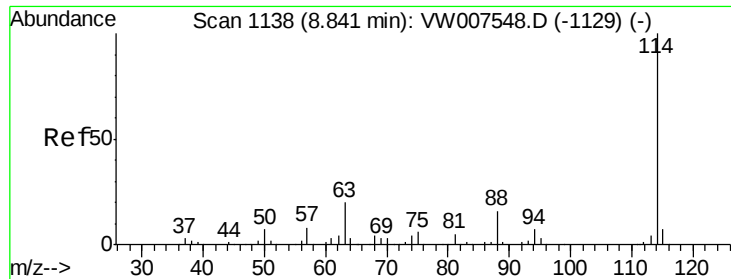
65 100

67 49.9 0.0 101.6



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

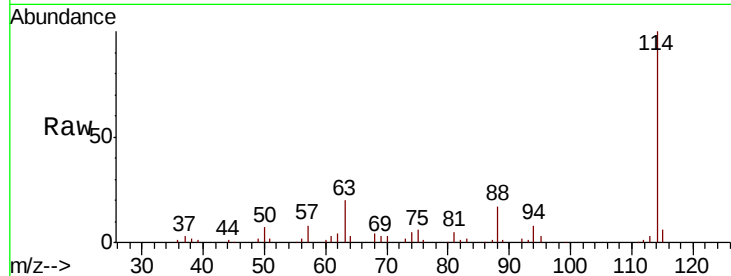




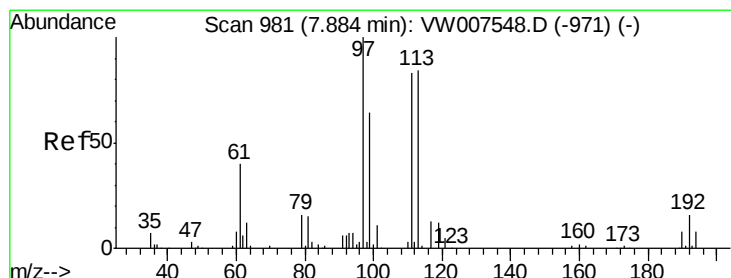
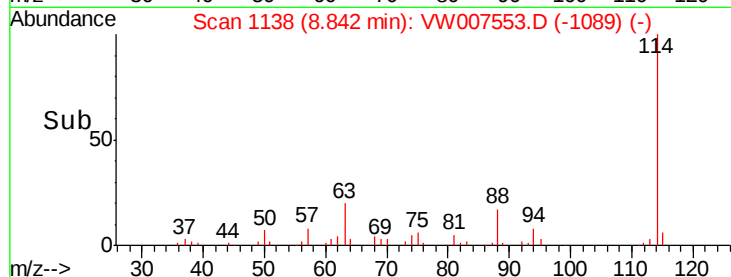
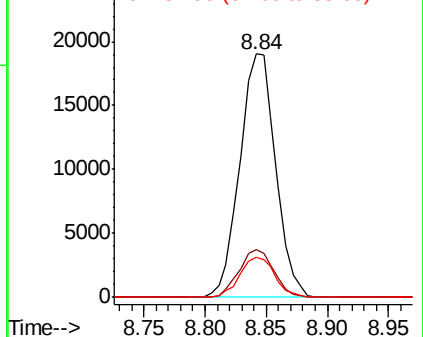
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007553.D
Acq: 15 Dec 2018 01:04

Instrument :
MSVOA_W
ClientSampleId :
P001-SS017-0006-01

Tgt Ion:114 Resp: 38743
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 16.7 0.0 31.4

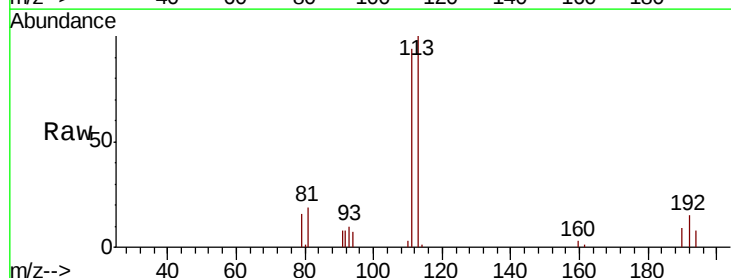


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

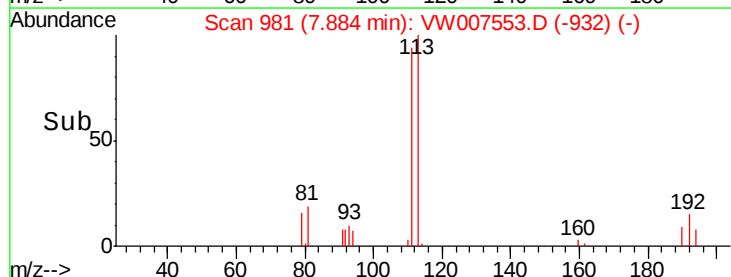
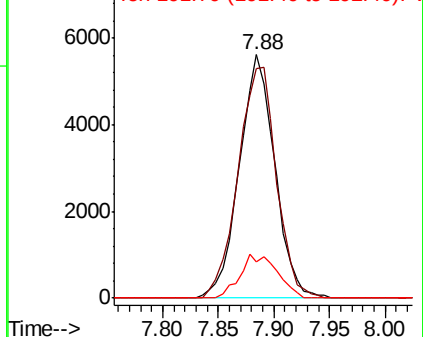


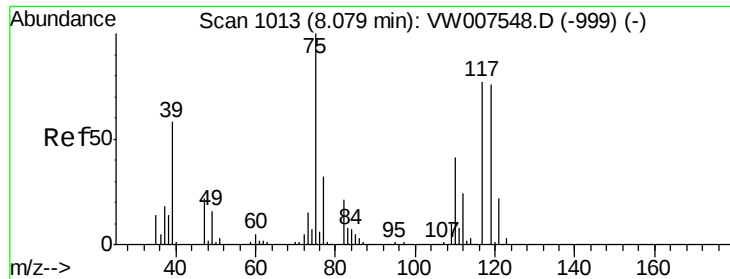
#35
Dibromofluoromethane
Concen: 53.034 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007553.D
Acq: 15 Dec 2018 01:04

Tgt Ion:113 Resp: 12438
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 18.9 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

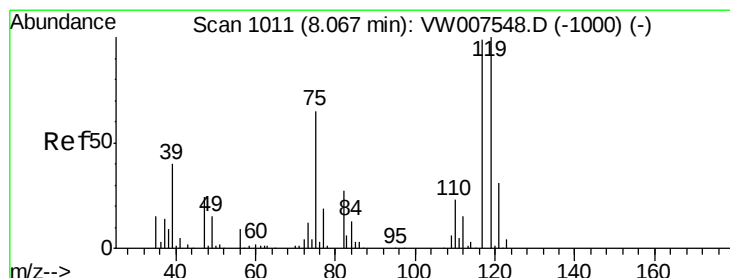
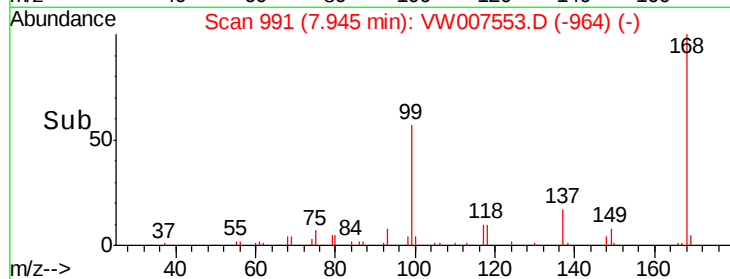
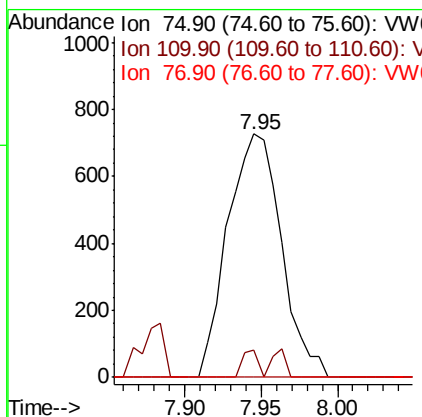
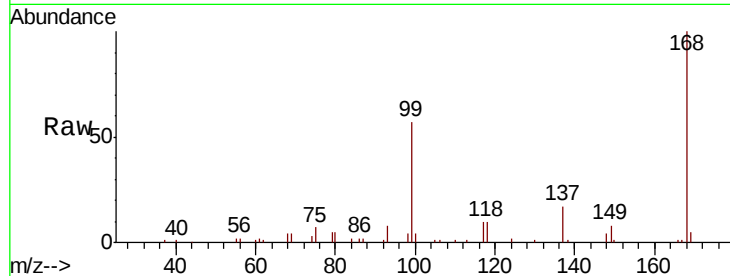




#36
 1,1-Dichloropropene
 Concen: 5.002 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007553.D
 Acq: 15 Dec 2018 01:04

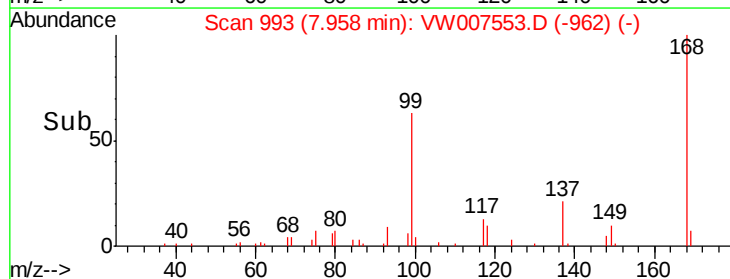
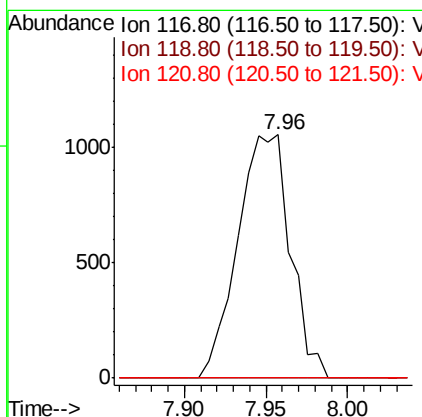
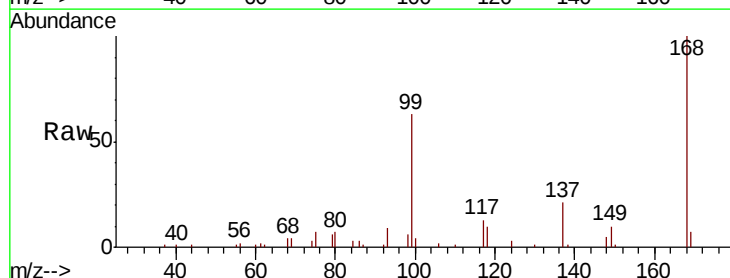
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS017-0006-01

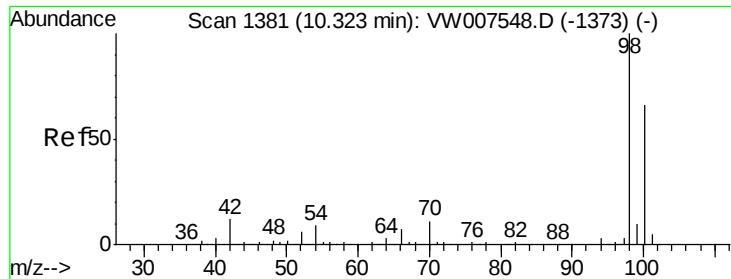
Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 110 3.2 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.166 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW007553.D
 Acq: 15 Dec 2018 01:04

Tgt Ion: 117 Resp: 2371
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 40.742 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

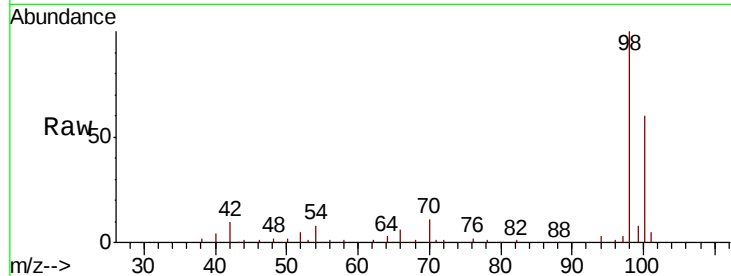
P001-SS017-0006-01

Tgt Ion: 98 Resp: 35826

Ion Ratio Lower Upper

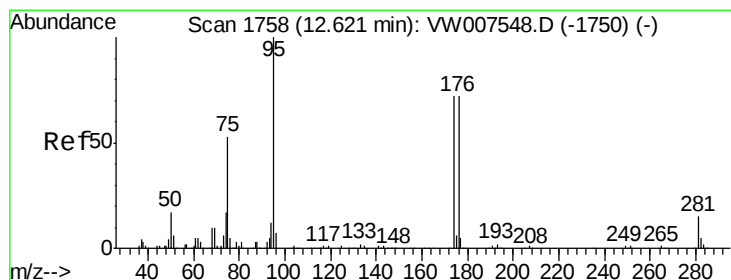
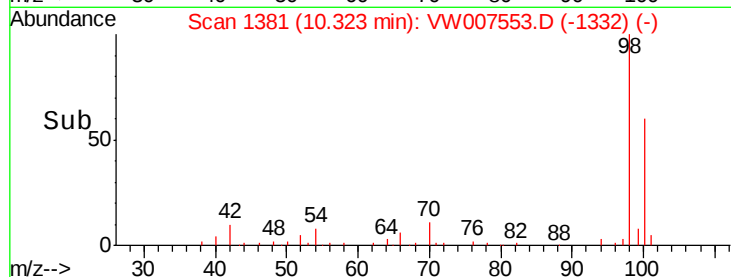
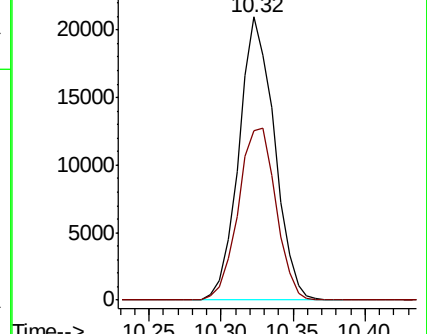
98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 30.958 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

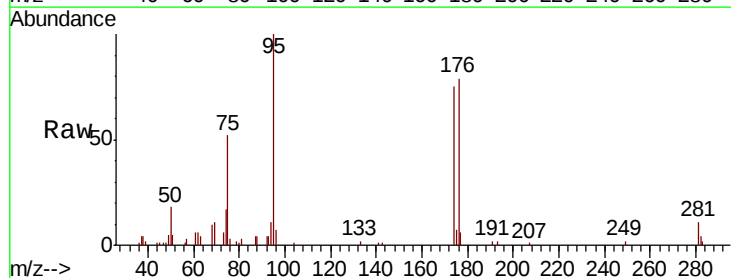
Tgt Ion: 95 Resp: 10009

Ion Ratio Lower Upper

95 100

174 77.2 0.0 147.2

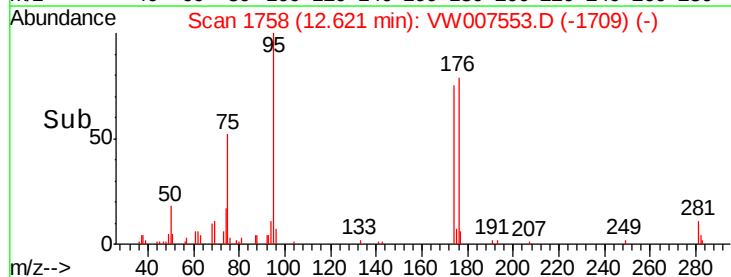
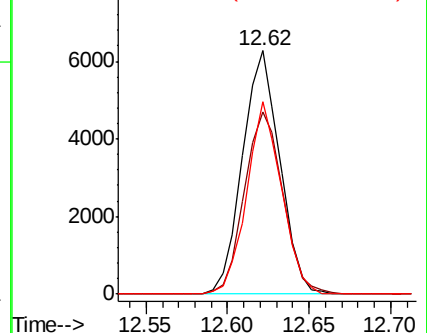
176 73.6 0.0 138.8

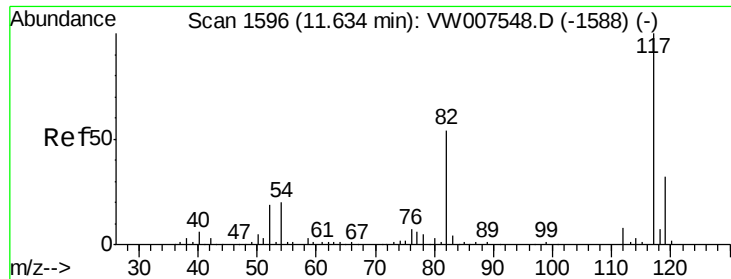


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

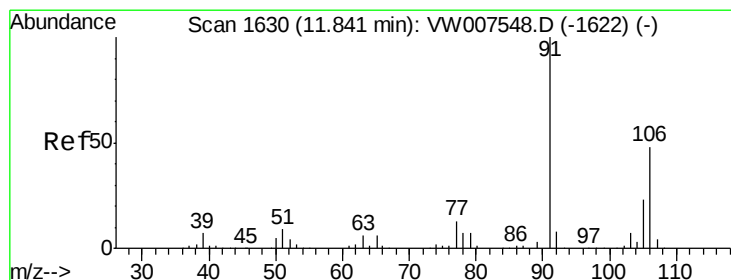
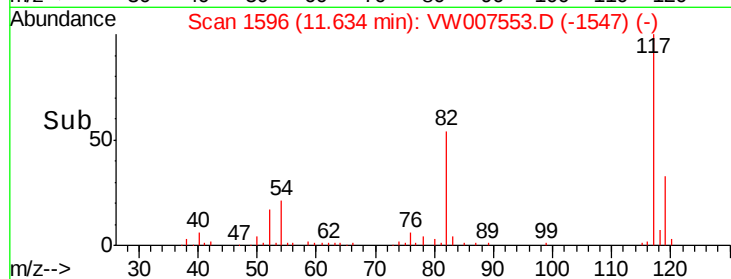
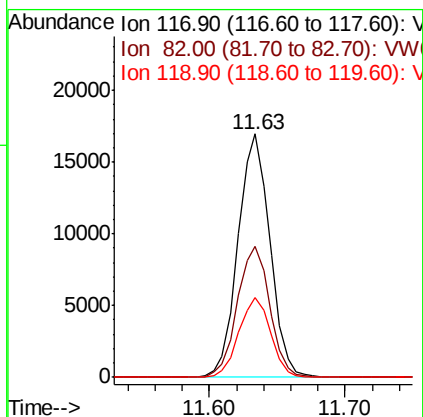
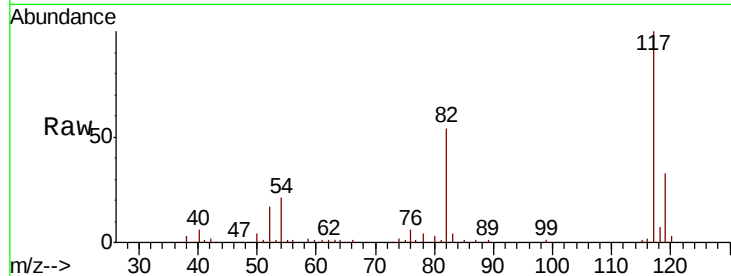




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007553.D
Acq: 15 Dec 2018 01:04

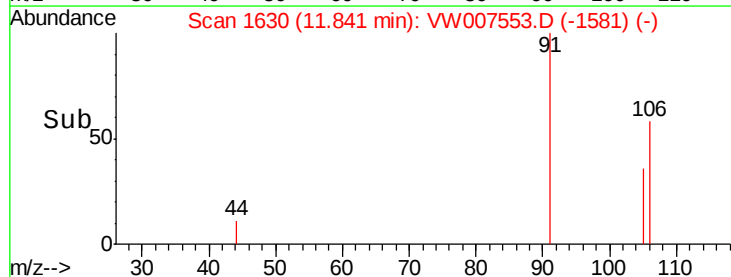
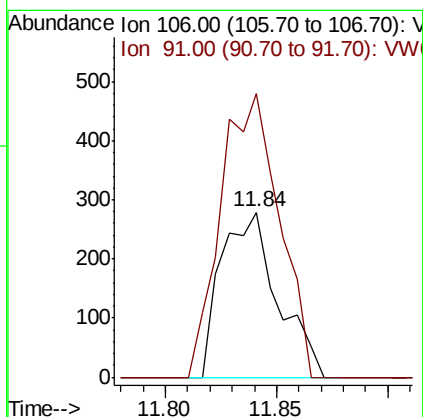
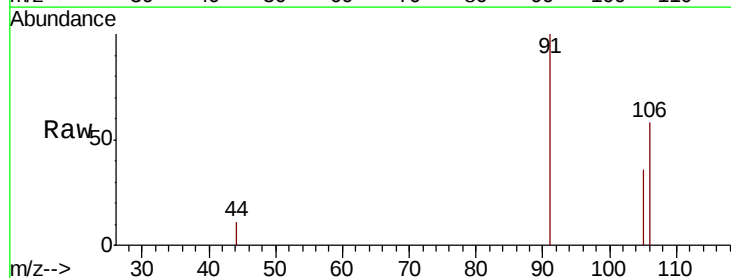
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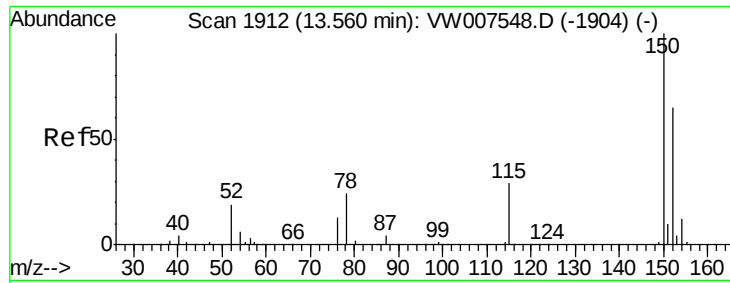
Tgt Ion:117 Resp: 27860
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 32.7 23.0 34.6



#68
m/p-Xylenes
Concen: 1.262 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007553.D
Acq: 15 Dec 2018 01:04

Tgt Ion:106 Resp: 490
Ion Ratio Lower Upper
106 100
91 178.2 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

P001-SS017-0006-01

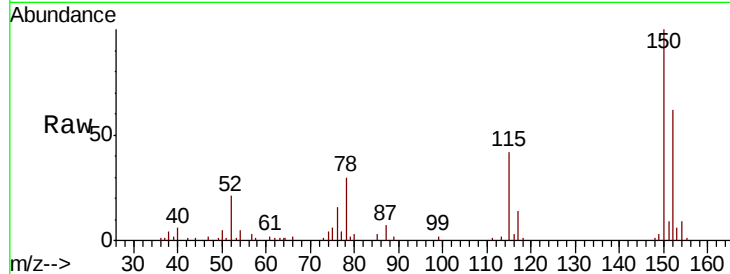
Tgt Ion:152 Resp: 8422

Ion Ratio Lower Upper

152 100

115 65.2 31.4 94.2

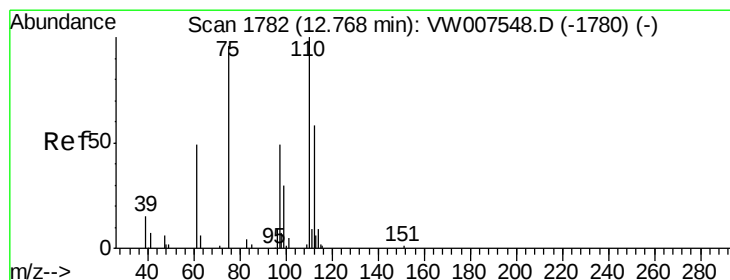
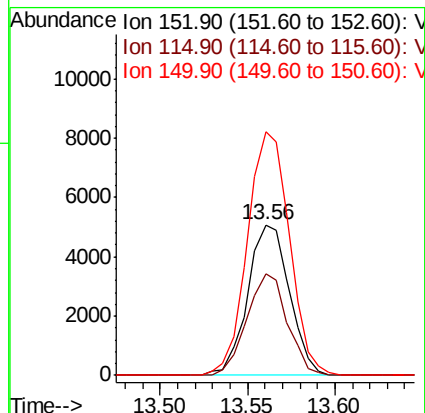
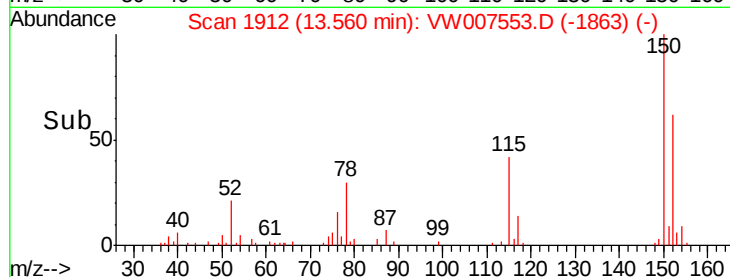
150 162.8 0.0 358.4



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: 73.184 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007553.D

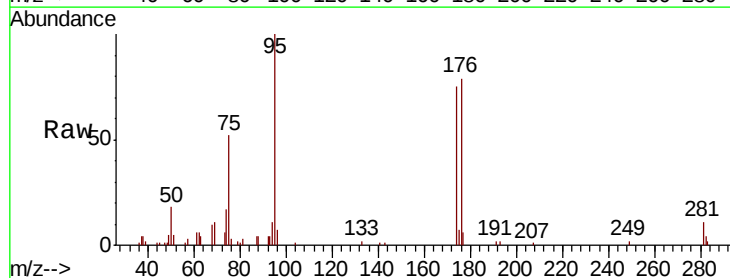
Acq: 15 Dec 2018 01:04

Tgt Ion: 75 Resp: 5082

Ion Ratio Lower Upper

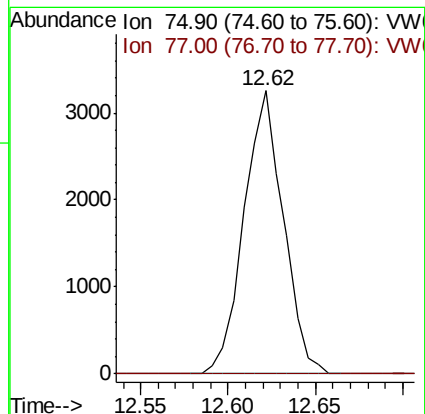
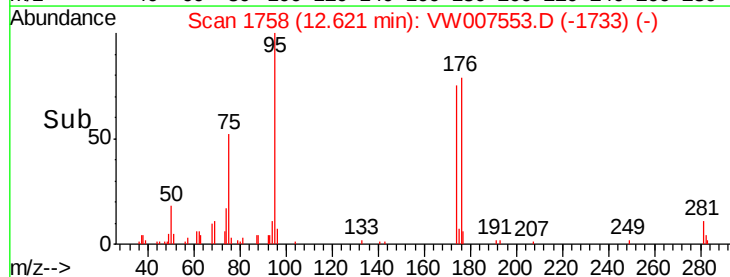
75 100

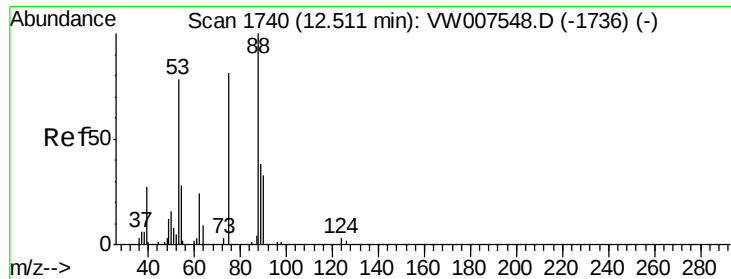
77 0.0 166.9 500.8#



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: 161.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007553.D

Acq: 15 Dec 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

P001-SS017-0006-01

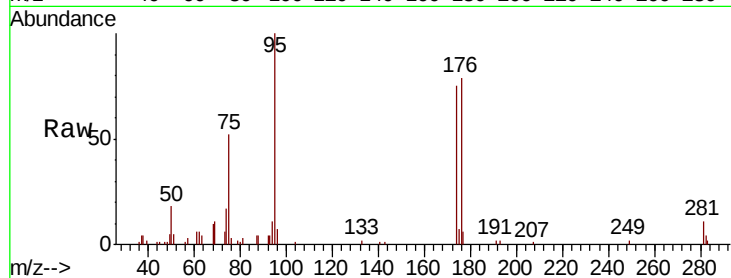
Tgt Ion: 75 Resp: 5082

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

