

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004706.D
 Acq On : 15 Aug 2018 20:18
 Operator : SY/AP
 Sample : J4471-05
 Misc : 56.0G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Aug 16 04:59:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

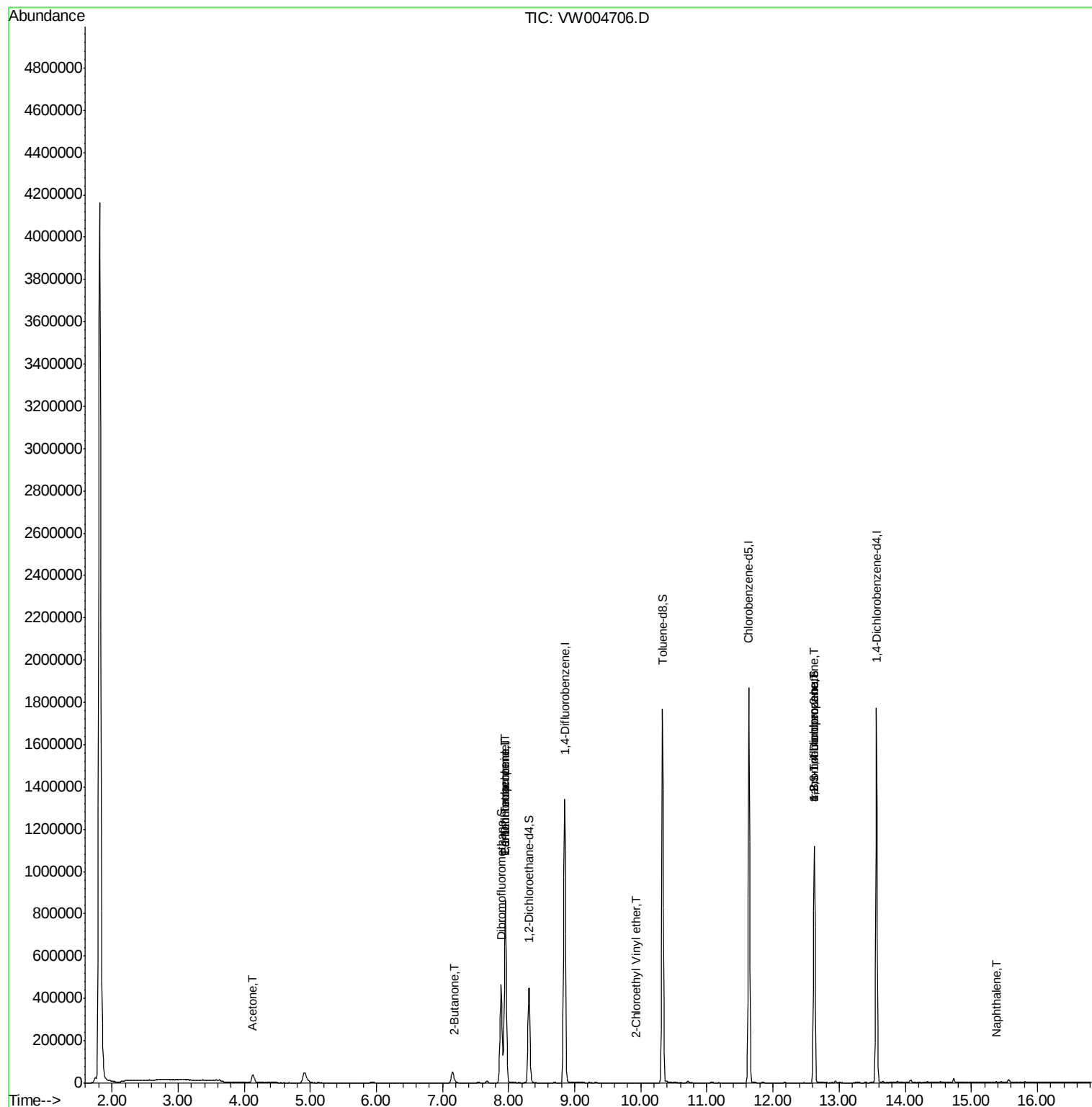
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	654832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1123847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1059461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	476862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	355670	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.88	113	330612	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
50) Toluene-d8	10.33	98	1187584	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	12.62	95	374730	36.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.82%	
Target Compounds						
16) Acetone	4.13	43	65929	36.420	ug/l	96
20) Methylene Chloride	4.92	84	48678	Below Cal		95
25) 2-Butanone	7.19	43	3340	1.147	ug/l	94
36) 1,1-Dichloropropene	7.95	75	48476	4.006	ug/l #	50
38) Carbon Tetrachloride	7.95	117	61711	5.667	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.91	63	137	8.976	ug/l #	88
76) 1,2,3-Trichloropropane	12.62	75	181002	36.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	181002	87.810	ug/l #	12
95) Naphthalene	15.38	128	2077	3.007	ug/l	96

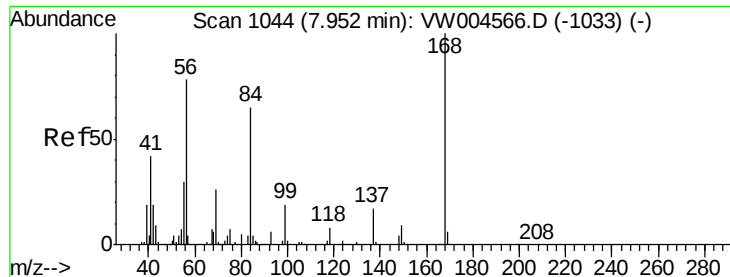
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

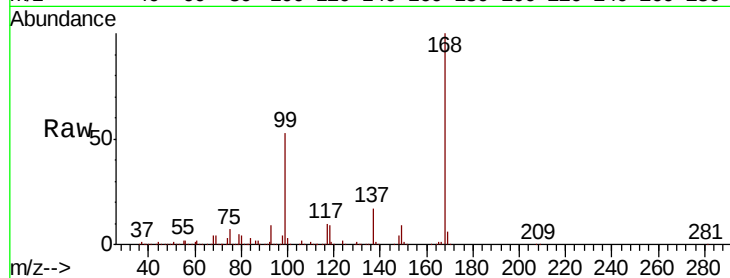
TP-2

Tot Ion:168 Resp: 654832

Ion Ratio Lower Upper

168 100

99 53.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

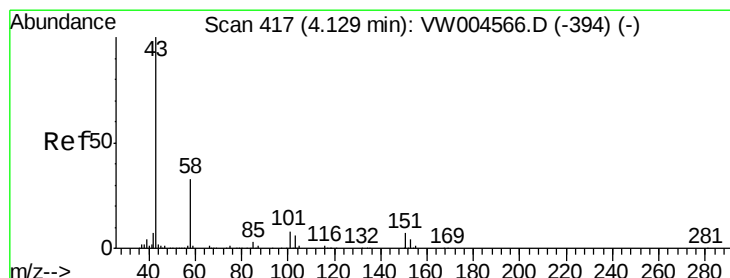
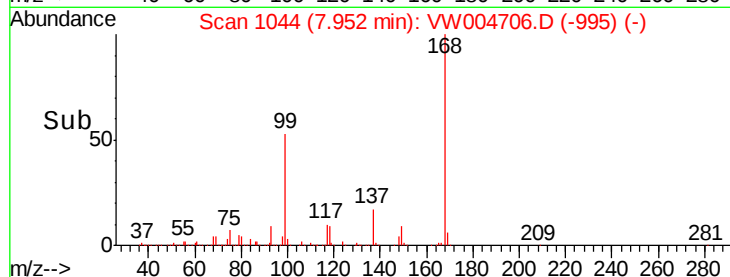
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.420 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004706.D

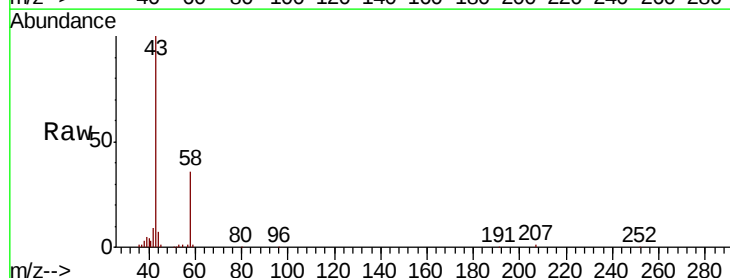
Acq: 15 Aug 2018 20:18

Tgt Ion: 43 Resp: 65929

Ion Ratio Lower Upper

43 100

58 36.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

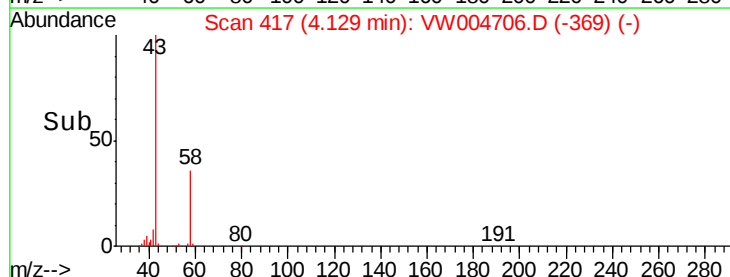
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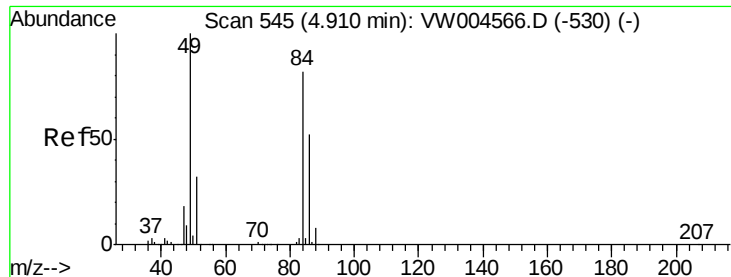
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5000

0

Time-->

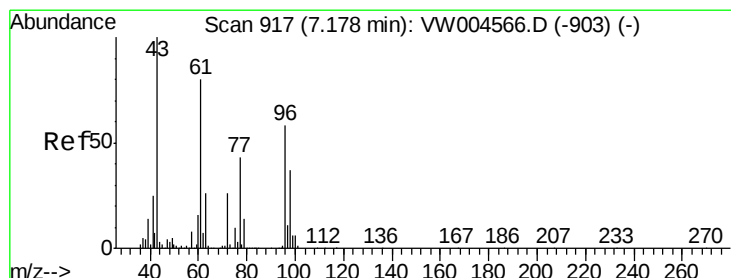
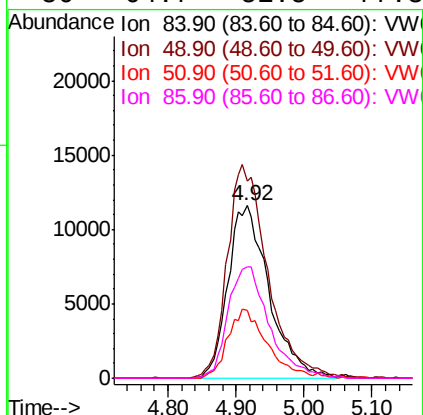
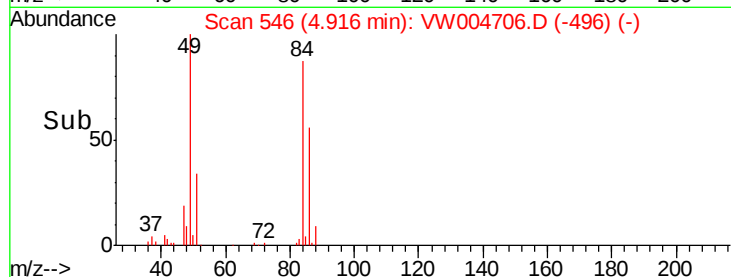
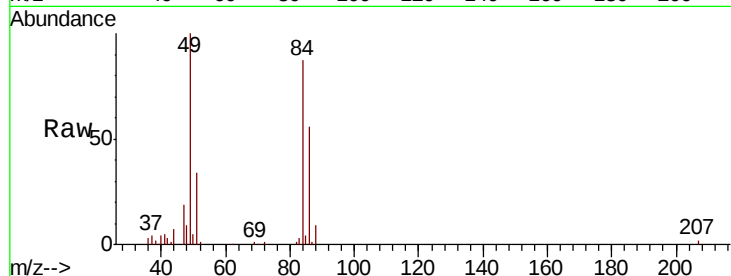




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

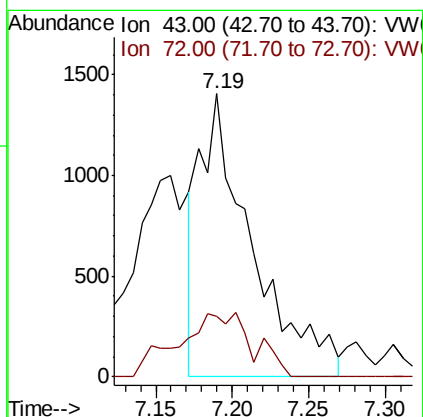
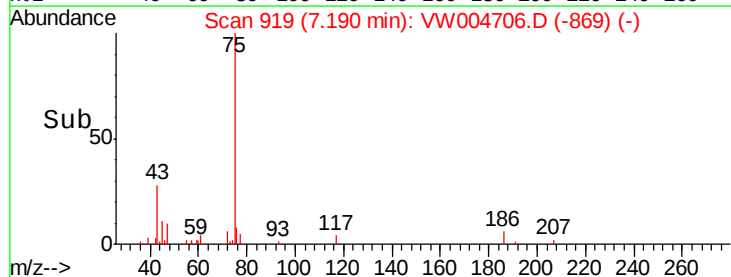
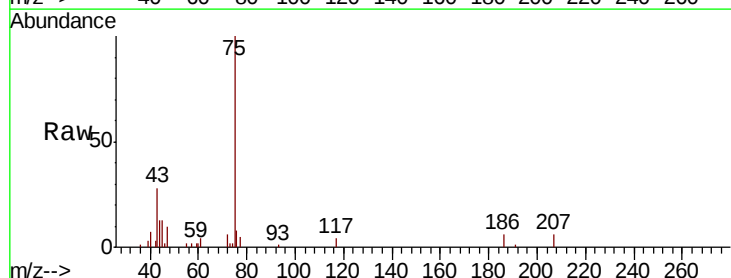
Instrument :
MSVOA_W
ClientSampled :
TP-2

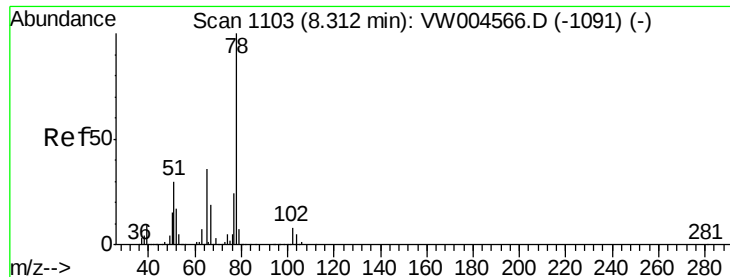
Tot Ion: 84 Resp: 48678
Ion Ratio Lower Upper
84 100
49 114.7 99.6 149.4
51 39.3 31.0 46.4
86 64.7 51.5 77.3



#25
2-Butanone
Concen: 1.147 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
72 23.0 21.0 31.6





#33

1,2-Dichloroethane-d4

Concen: 49.066 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

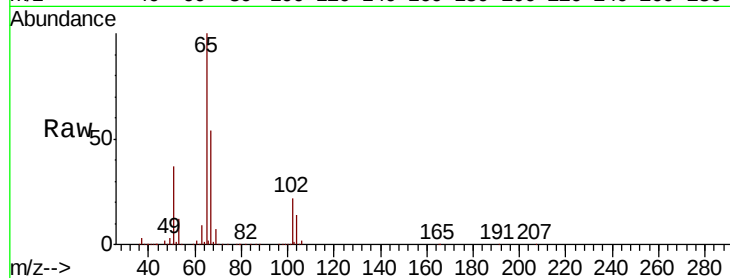
TP-2

Tot Ion: 65 Resp: 355670

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

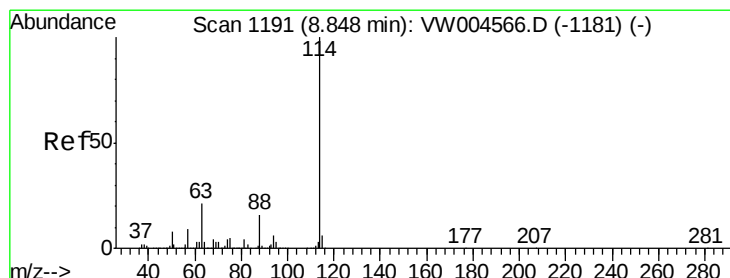
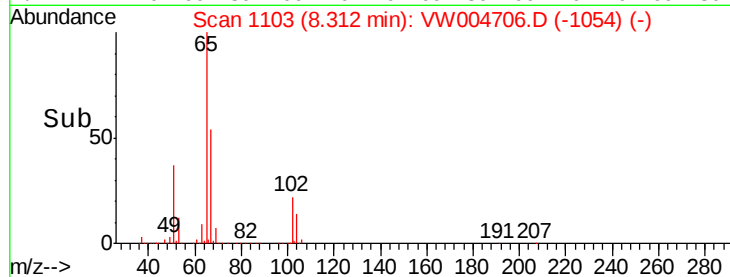
100000

50000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

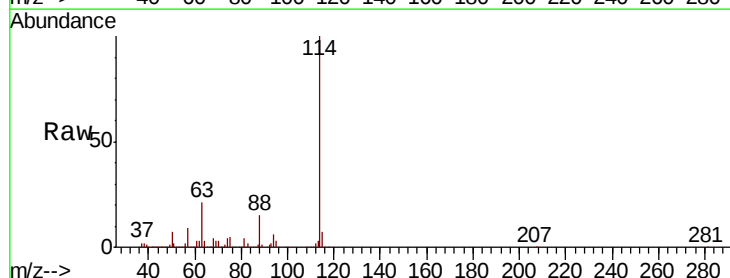
Tgt Ion: 114 Resp: 1123847

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.4 0.0 31.2



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

8.85

800000

600000

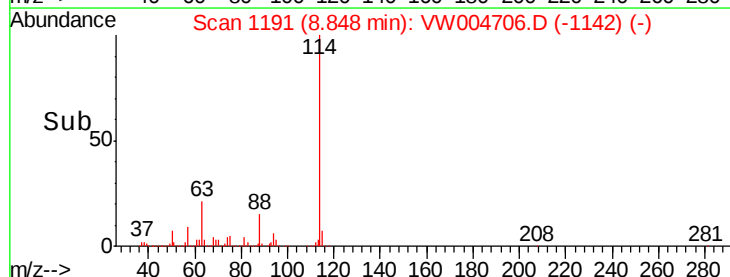
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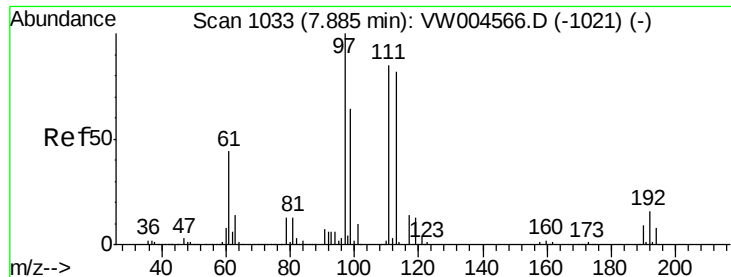
200000

0

Time-->

8.70 8.80 8.90 9.00

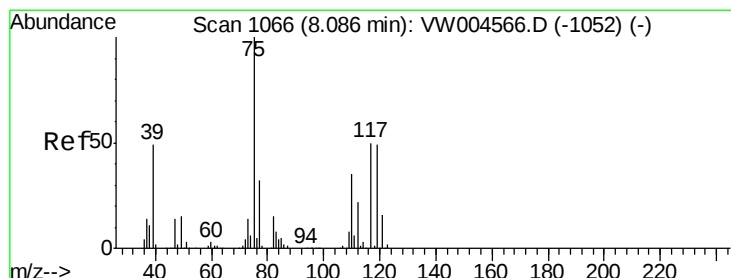
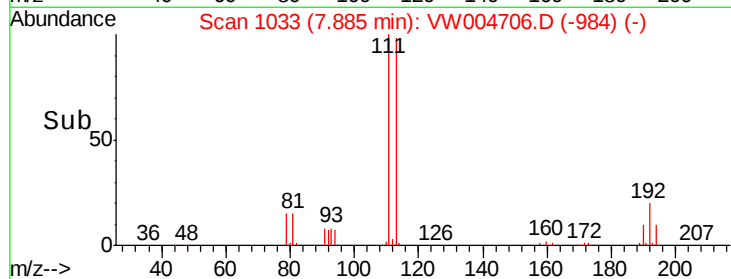
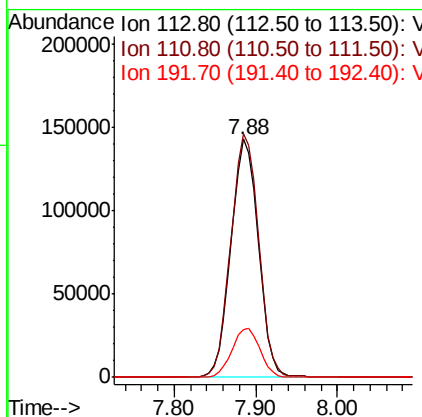
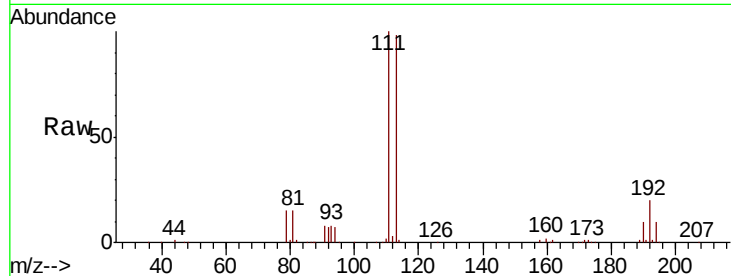




#35
 Dibromofluoromethane
 Concen: 44.120 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004706.D
 Acq: 15 Aug 2018 20:18

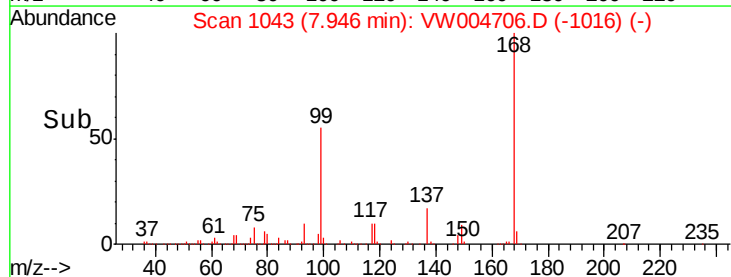
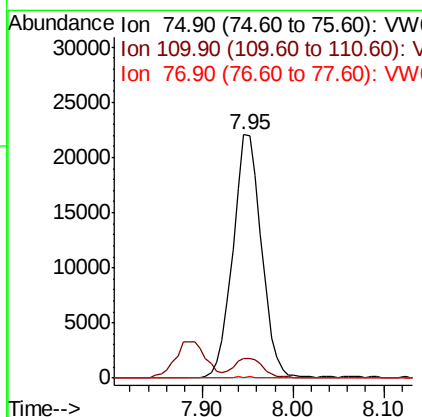
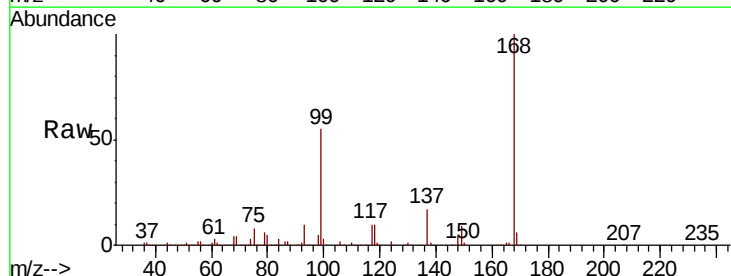
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

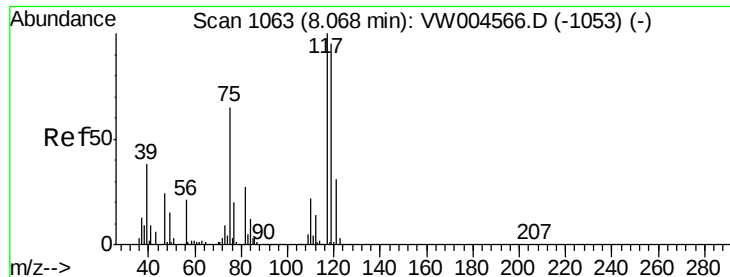
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	21.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.006 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004706.D
 Acq: 15 Aug 2018 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.4	52.2#
77	0.2	24.7	37.1#

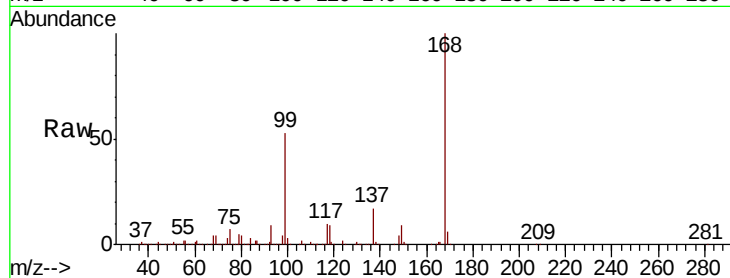




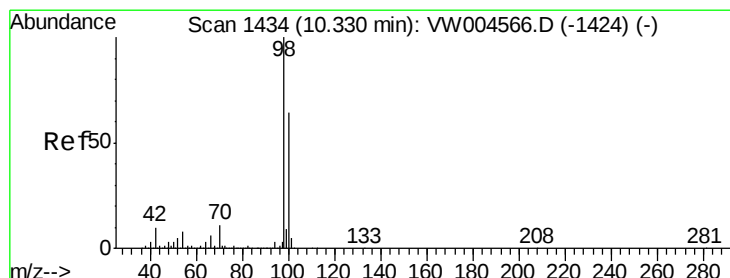
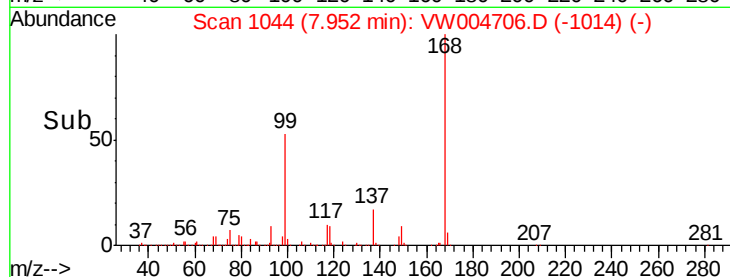
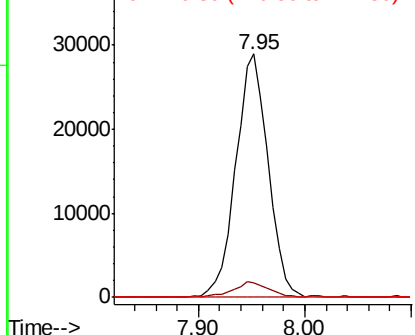
#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:117 Resp: 61711
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 24.2 36.4#

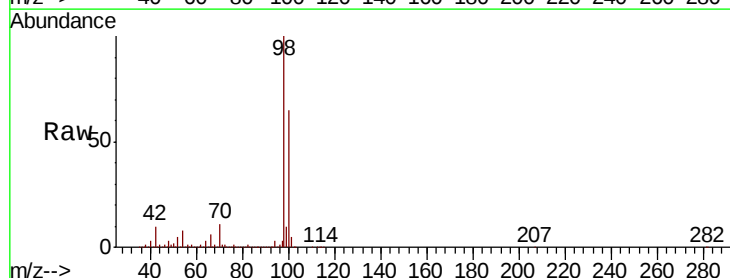


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

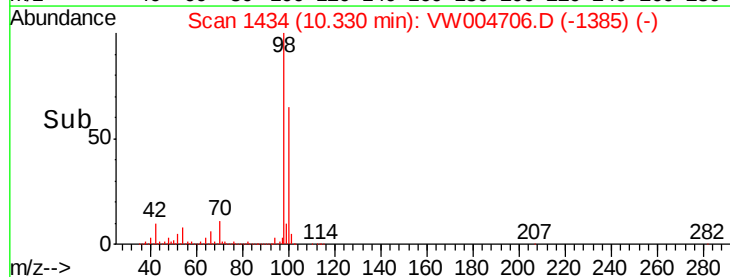
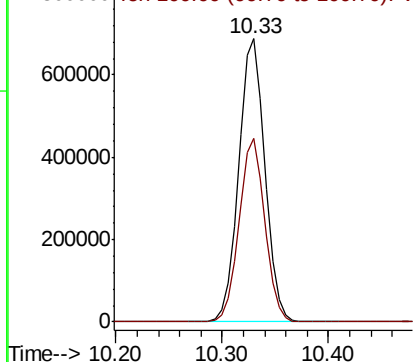


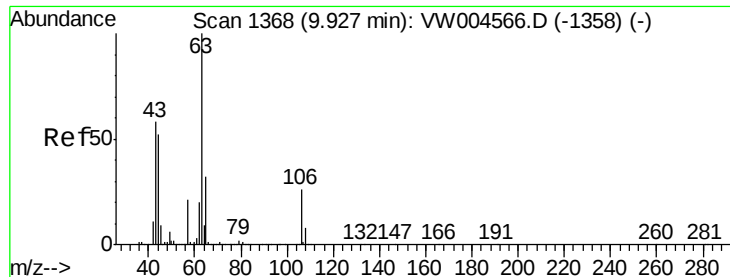
#50
Toluene-d8
Concen: 41.571 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

Tgt Ion: 98 Resp: 1187584
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

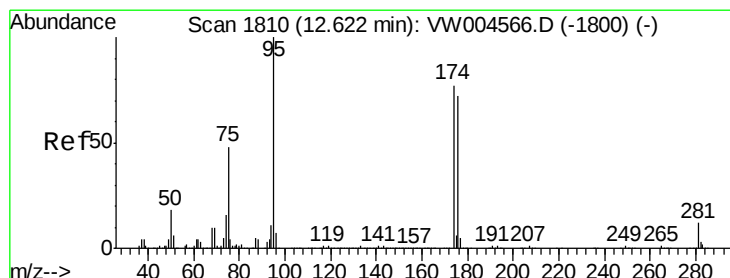
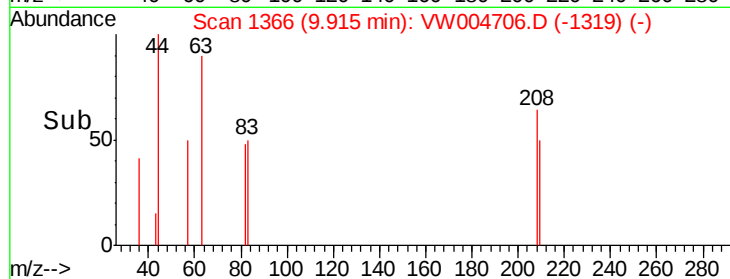
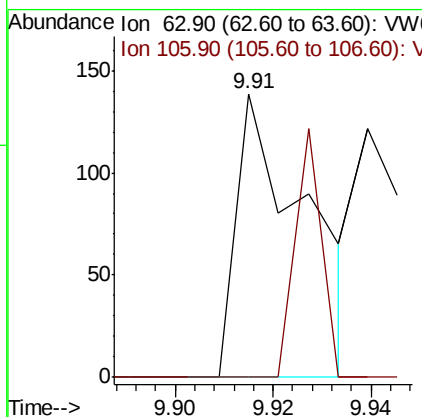
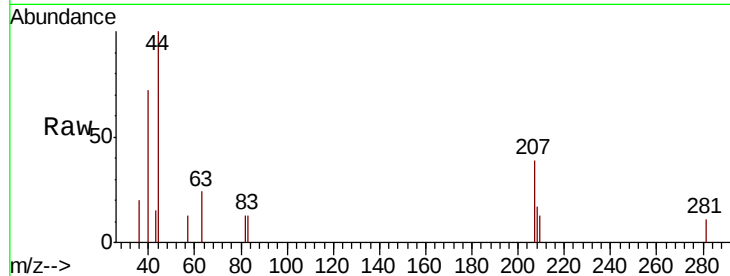




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.976 ug/l
 RT: 9.91 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VW004706.D
 Acq: 15 Aug 2018 20:18

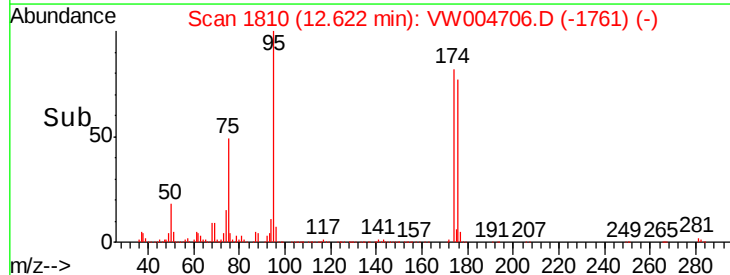
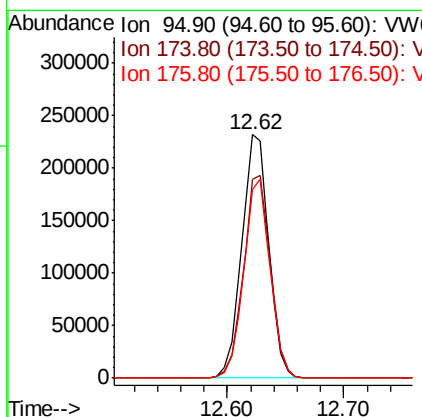
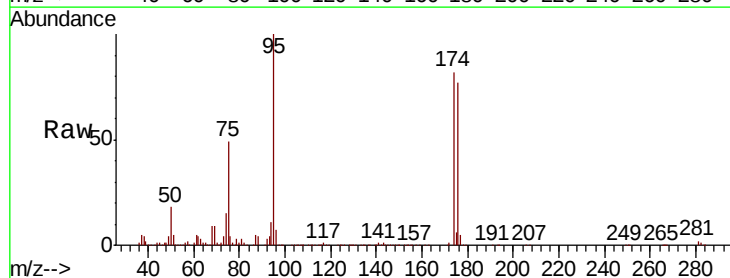
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 MSVOA_W
 ClientSampleId :
 TP-2

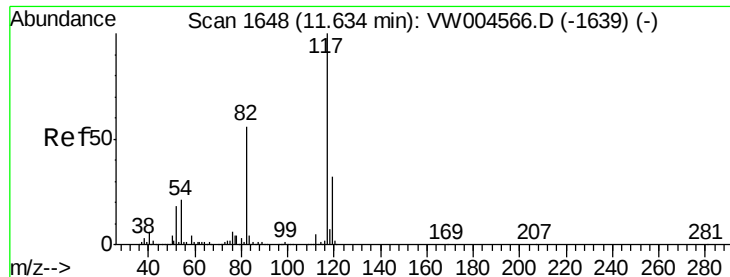
Tot Ion: 63 Resp: 137
 Ion Ratio Lower Upper
 63 100
 106 32.8 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 36.415 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004706.D
 Acq: 15 Aug 2018 20:18

Tgt Ion: 95 Resp: 374730
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 160.4
 176 80.0 0.0 153.2

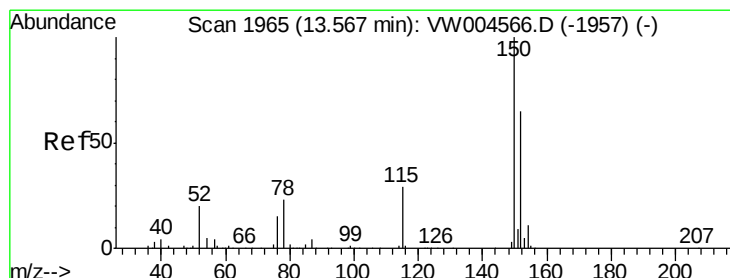
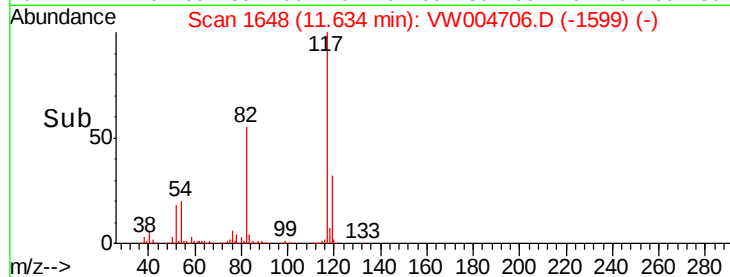
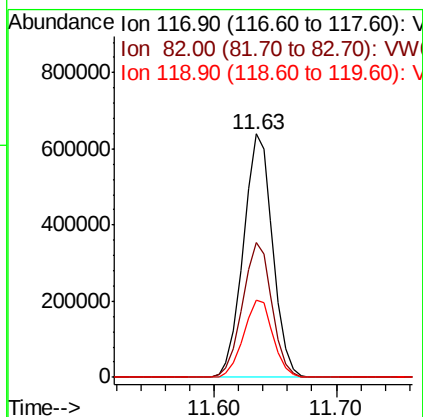
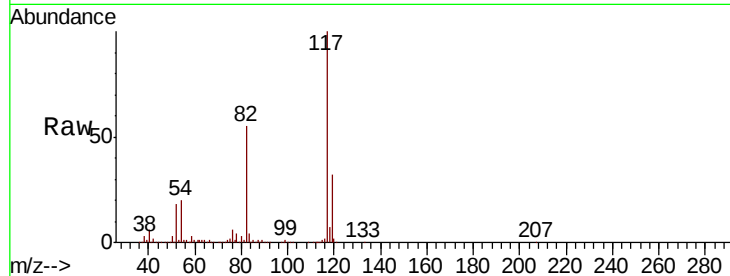




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

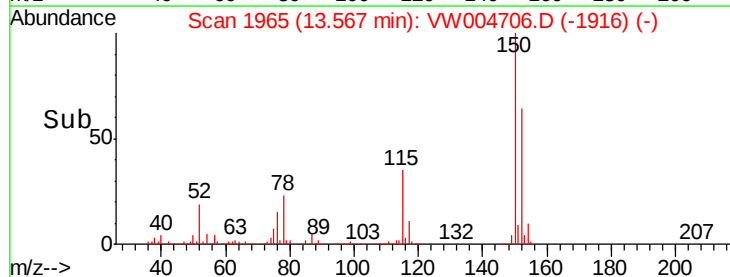
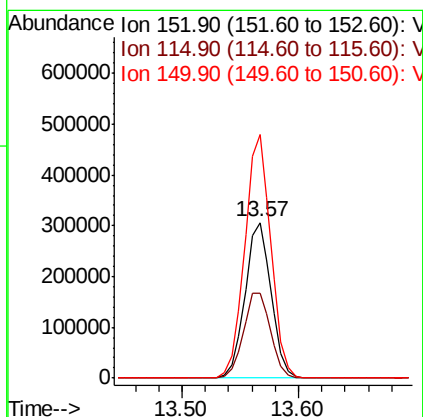
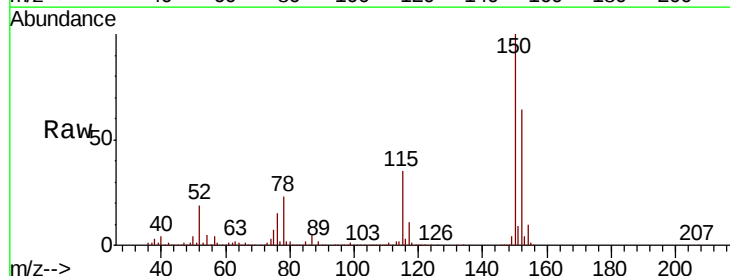
Instrument :
MSVOA_W
ClientSampleId :
TP-2

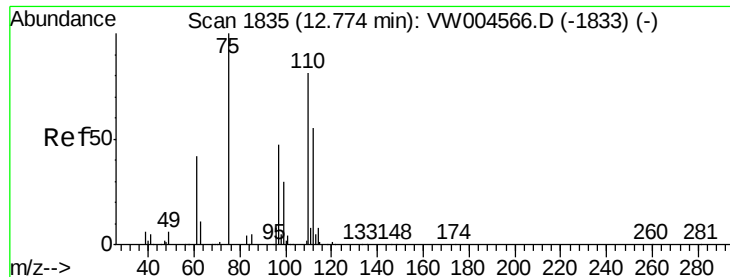
Tot Ion:117 Resp: 1059461
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004706.D
Acq: 15 Aug 2018 20:18

Tgt Ion:152 Resp: 476862
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.3 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 36.681 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

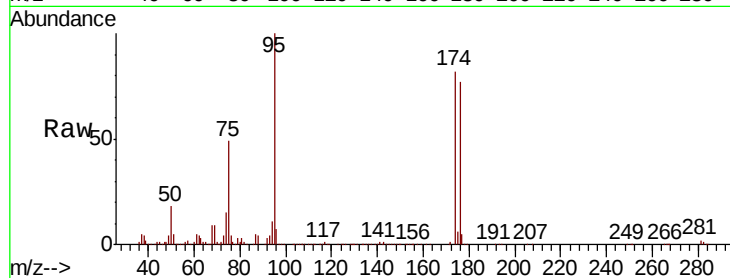
TP-2

Tot Ion: 75 Resp: 181002

Ion Ratio Lower Upper

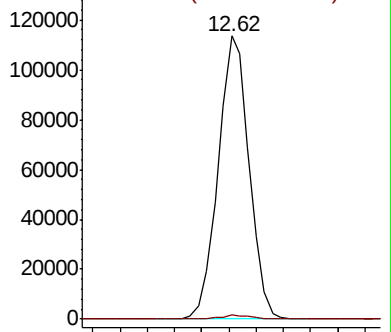
75 100

77 1.5 0.0 0.0#

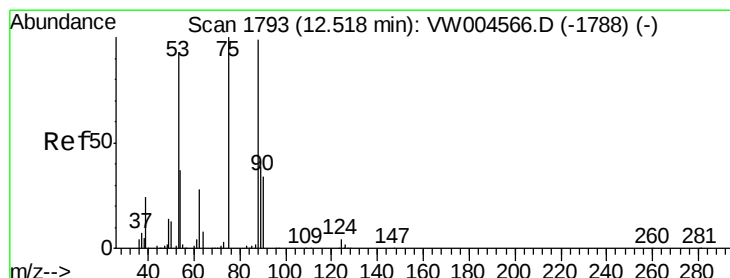
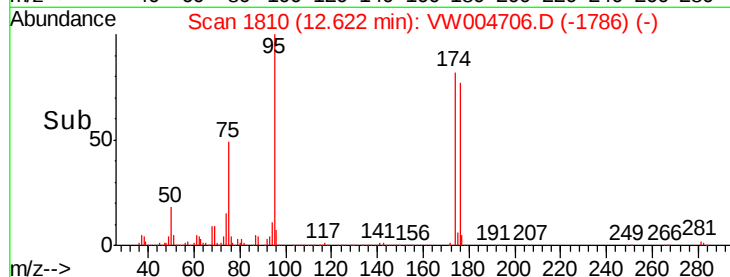


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 87.810 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

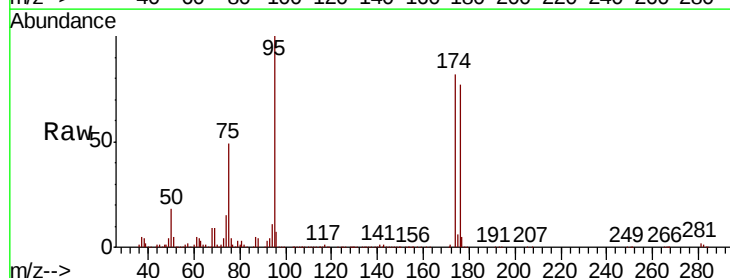
Tgt Ion: 75 Resp: 181002

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

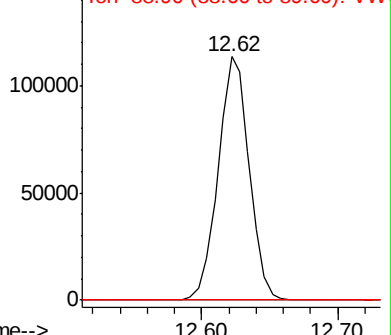
89 0.0 35.9 53.9#



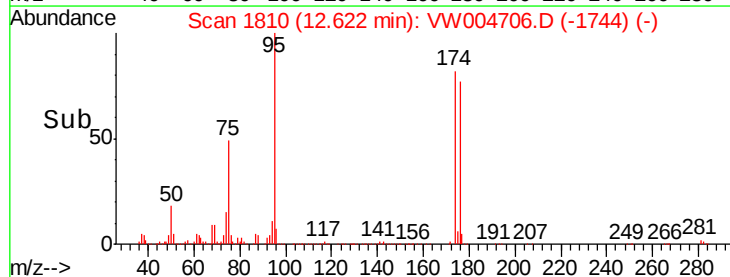
Abundance Ion 74.90 (74.60 to 75.60): VW

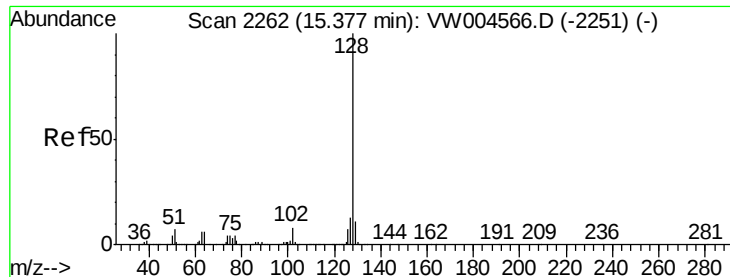
Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



Time-->





#95

Naphthalene

Concen: 3.007 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004706.D

Acq: 15 Aug 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

TP-2

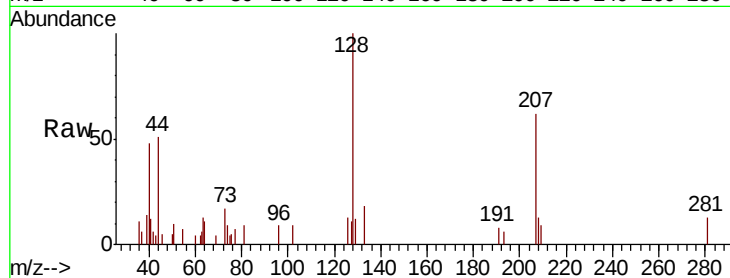
Tot Ion:128 Resp: 2077

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

129 10.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

