

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007067.D
 Acq On : 27 Nov 2018 01:45
 Operator : VAY/AP
 Sample : J5774-03
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:31:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

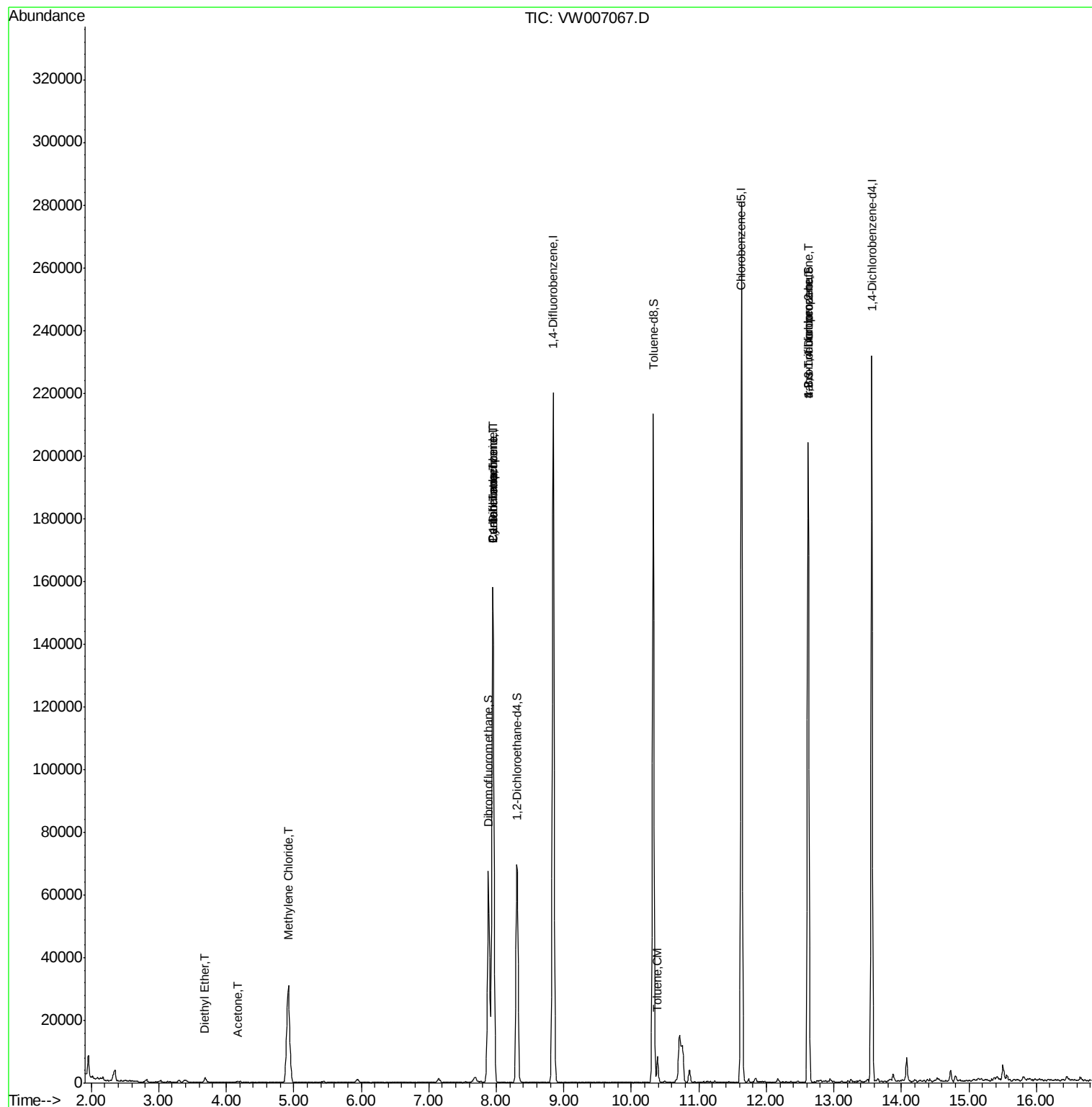
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57138	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.88	113	50601	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.32	98	143424	30.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.70%	
62) 4-Bromofluorobenzene	12.62	95	69244	37.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.48%	
Target Compounds						
8) Diethyl Ether	3.69	74	792	1.294	ug/l	95
16) Acetone	4.17	43	594	3.502	ug/l #	44
20) Methylene Chloride	4.92	84	24484	14.251	ug/l	97
31) Cyclohexane	7.95	56	2473	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8982	4.851	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12128	6.840	ug/l #	18
52) Toluene	10.39	92	3521	1.035	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	33616	69.206	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33616	173.748	ug/l #	10

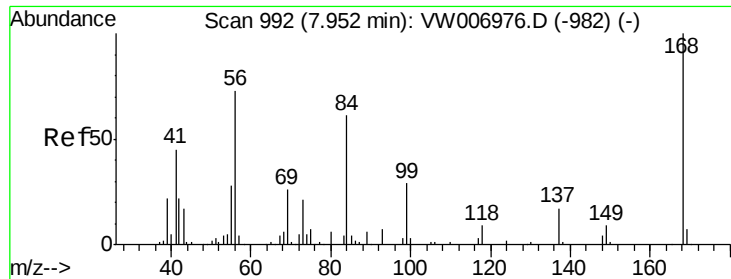
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :

MSVOA_W

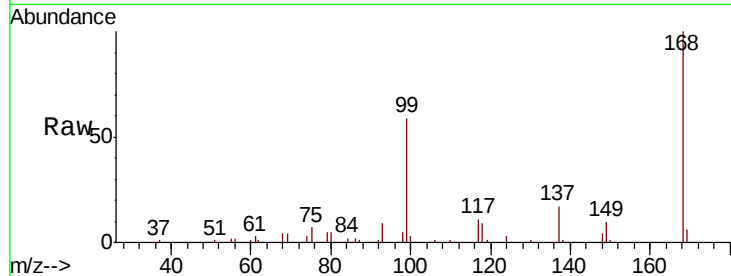
ClientSampled :

Tot Ion:168 Resp: 119339

Ion Ratio Lower Upper

168 100

99 58.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

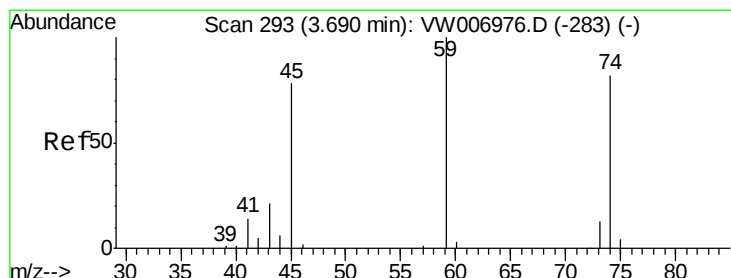
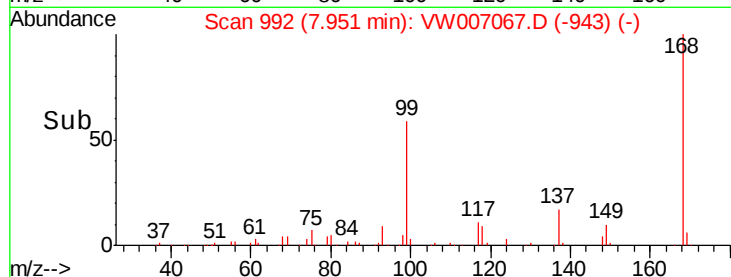
20000

10000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.294 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007067.D

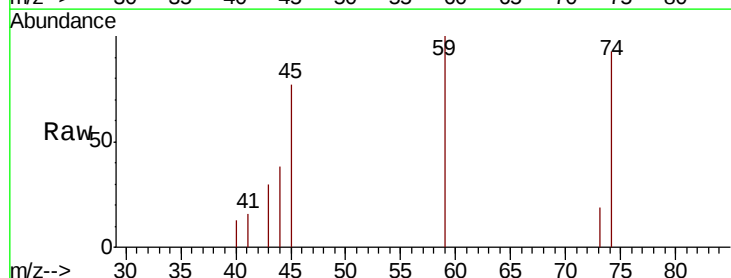
Acq: 27 Nov 2018 01:45

Tgt Ion: 74 Resp: 792

Ion Ratio Lower Upper

74 100

45 101.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

500

400

300

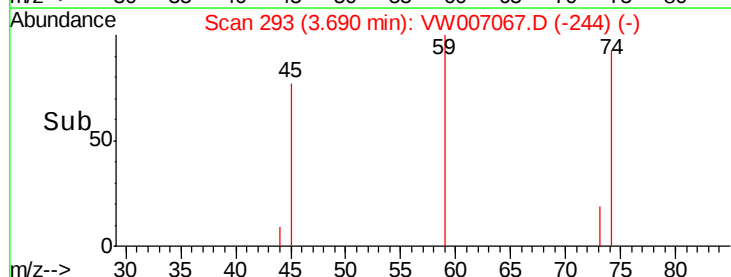
200

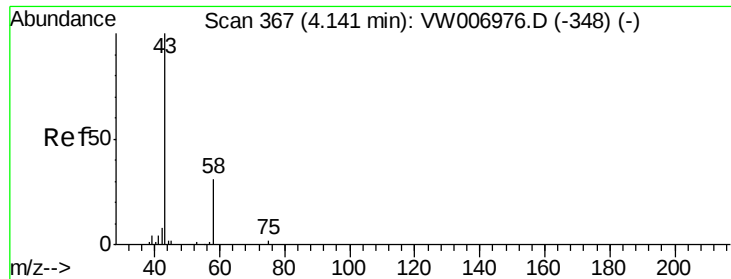
100

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 3.502 ug/l

RT: 4.17 min Scan# 372

Delta R.T. 0.03 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :

MSVOA_W

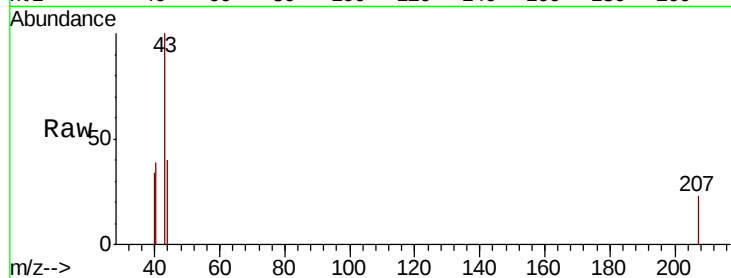
ClientSampled :

Tot Ion: 43 Resp: 594

Ion Ratio Lower Upper

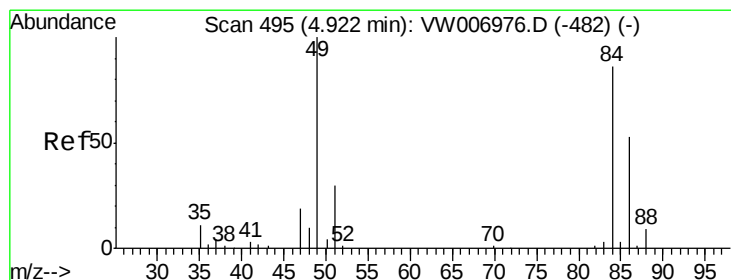
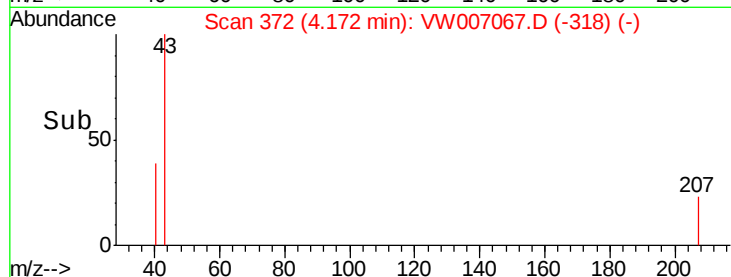
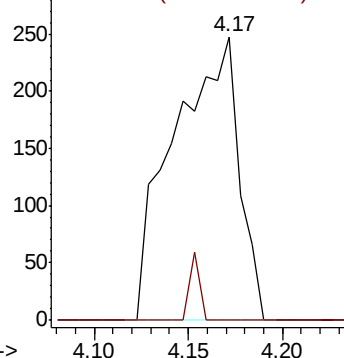
43 100

58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 14.251 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Tgt Ion: 84 Resp: 24484

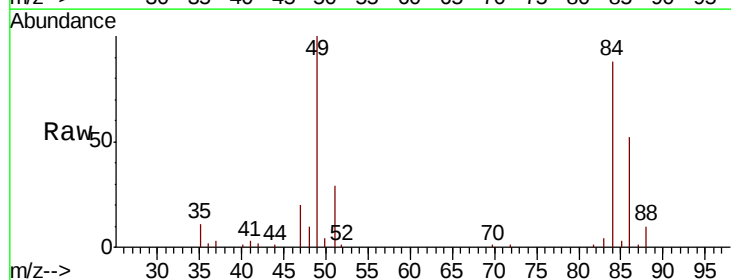
Ion Ratio Lower Upper

84 100

49 113.4 93.4 140.0

51 32.6 28.4 42.6

86 59.5 49.8 74.8

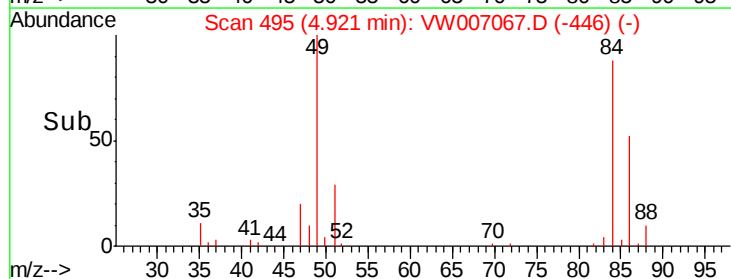
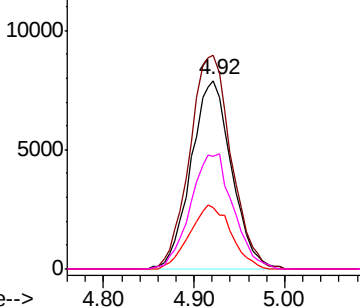


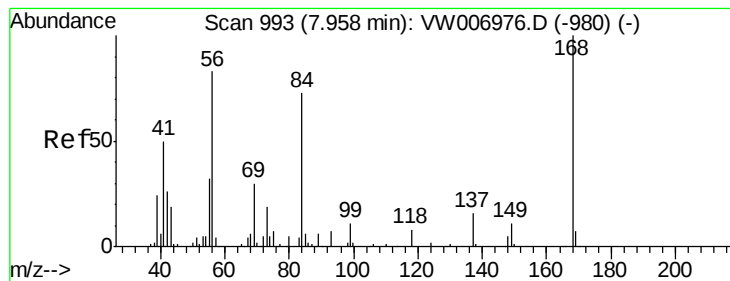
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.099 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

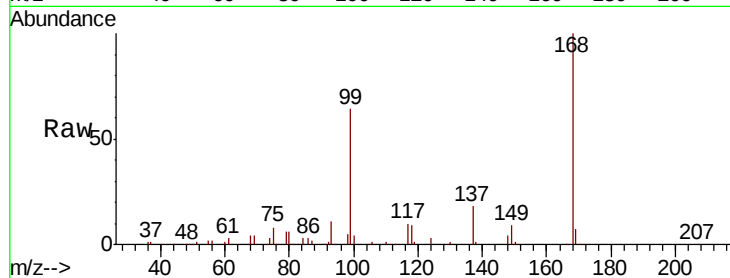
Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2473

Ion	Ratio	Lower	Upper
56	100		
69	174.2	29.1	43.7#
84	134.1	70.6	105.8#

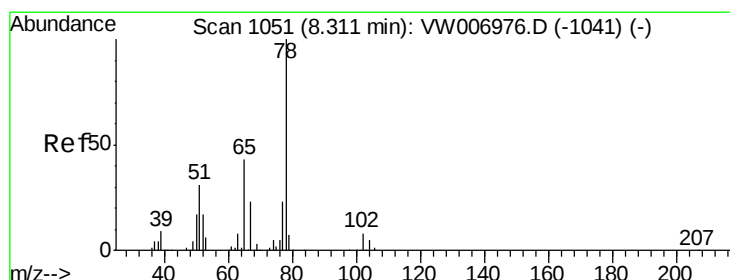
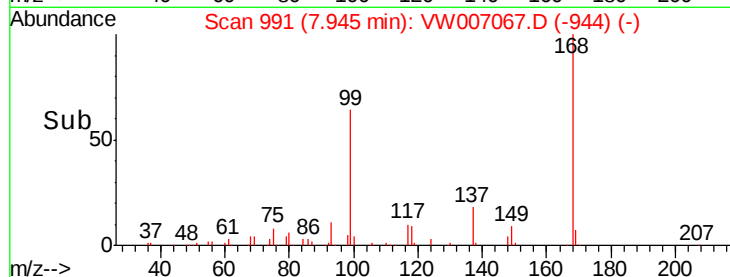
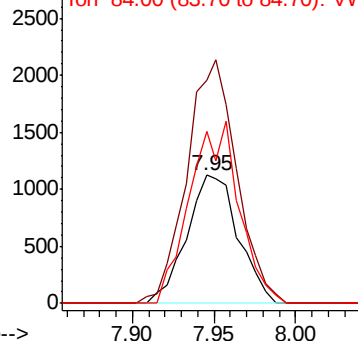


Abundance

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: 48.905 ug/l

RT: 8.31 min Scan# 1050

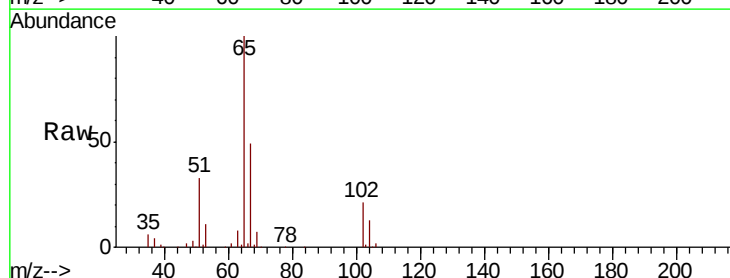
Delta R.T. -0.01 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Tgt Ion: 65 Resp: 57138

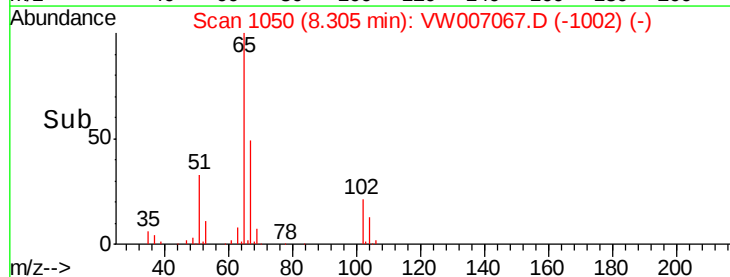
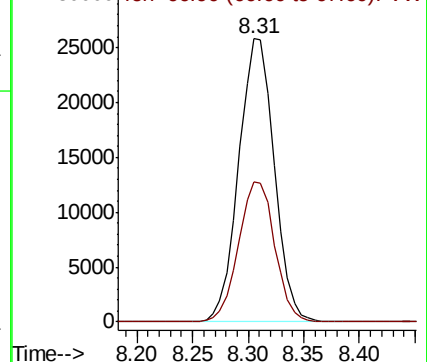
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	106.2

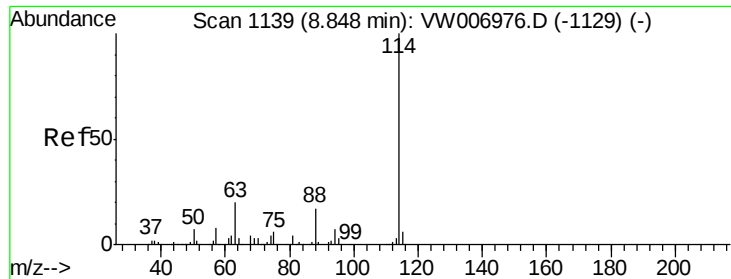


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

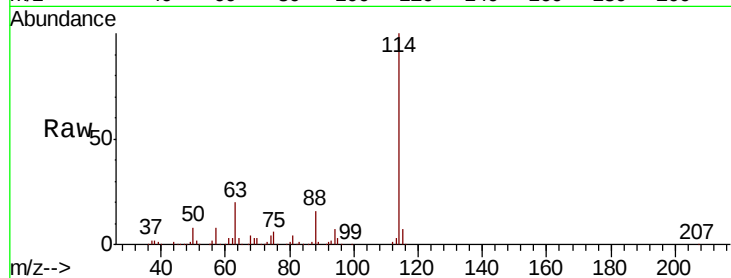




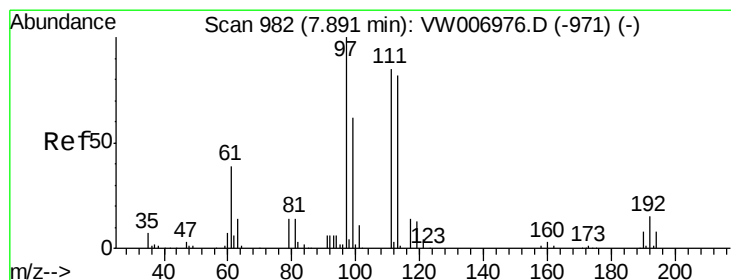
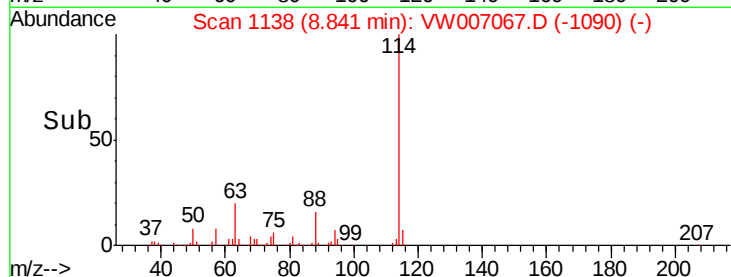
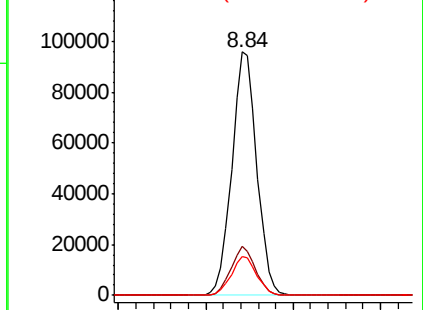
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007067.D
 Acq: 27 Nov 2018 01:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 189480
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 16.2 0.0 34.2

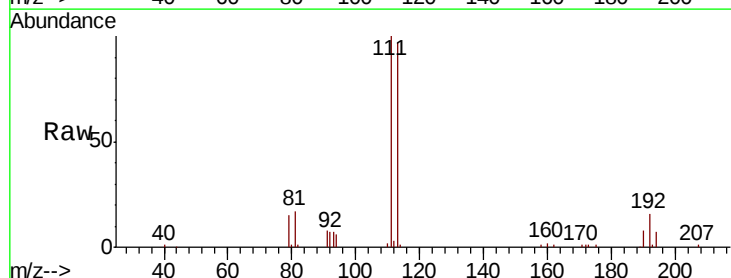


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

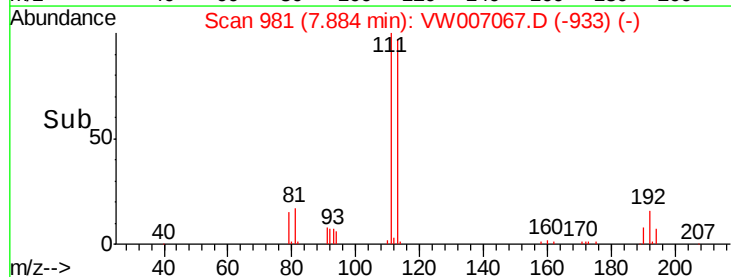
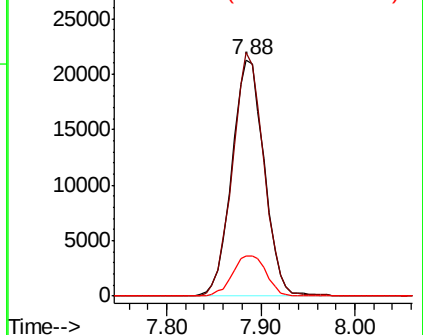


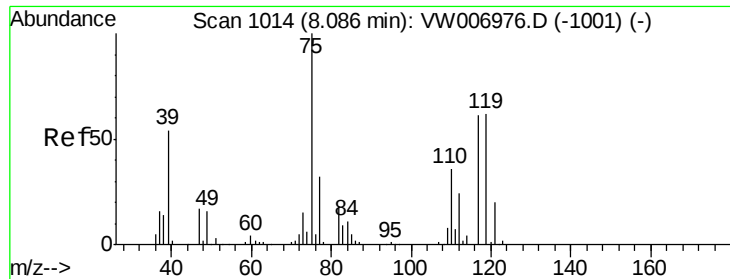
#35
 Dibromofluoromethane
 Concen: 47.289 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007067.D
 Acq: 27 Nov 2018 01:45

Tgt Ion:113 Resp: 50601
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.0 121.6
 192 17.8 15.0 22.6



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

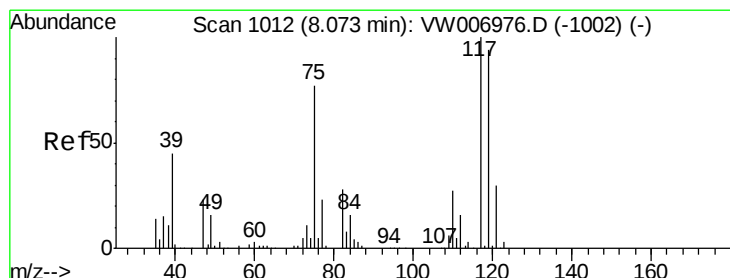
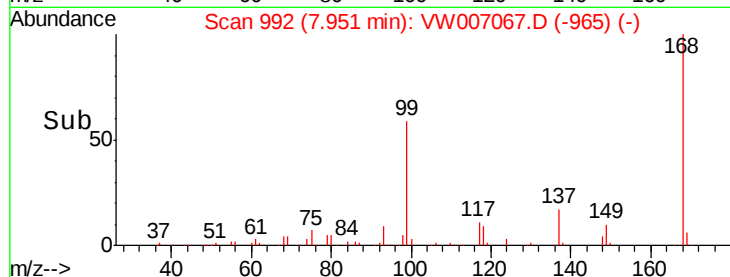
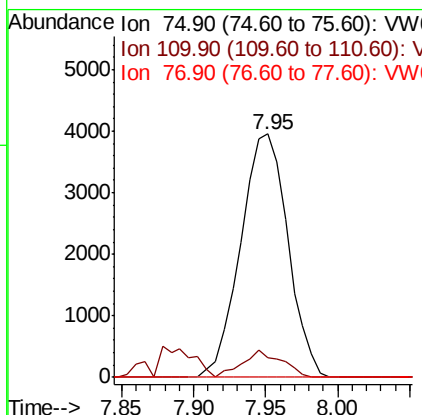
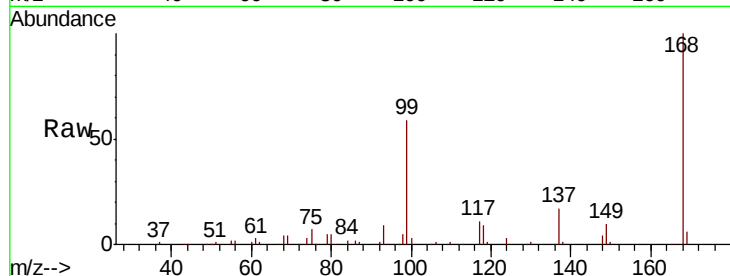




#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007067.D
 Acq: 27 Nov 2018 01:45

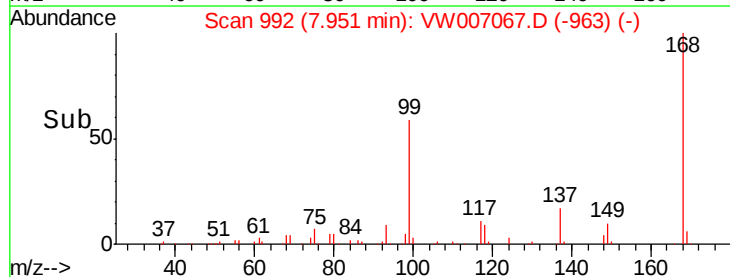
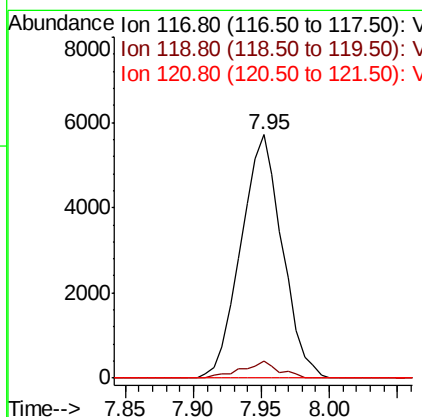
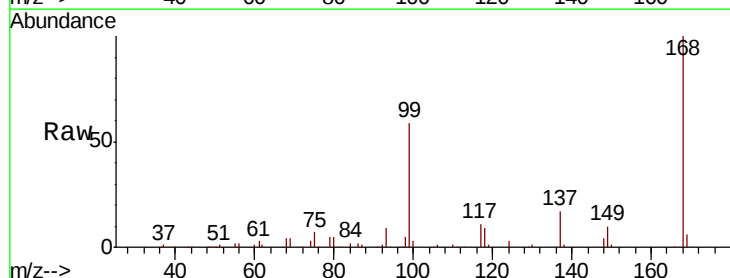
Instrument :
 MSVOA_W
 ClientSampled :

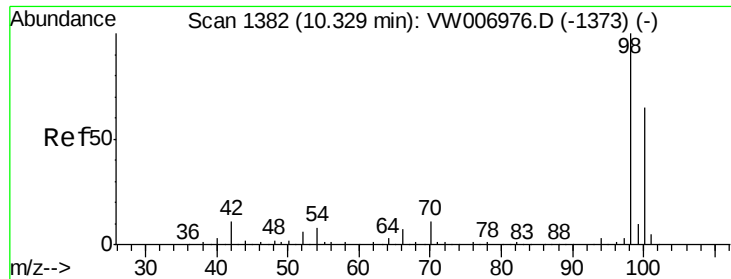
Tot Ion	75	Resp	8982
Ion Ratio	Lower	Upper	
75	100		
110	9.4	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.840 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007067.D
 Acq: 27 Nov 2018 01:45

Tgt Ion	117	Resp	12128
Ion Ratio	Lower	Upper	
117	100		
119	7.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 30.353 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :

MSVOA_W

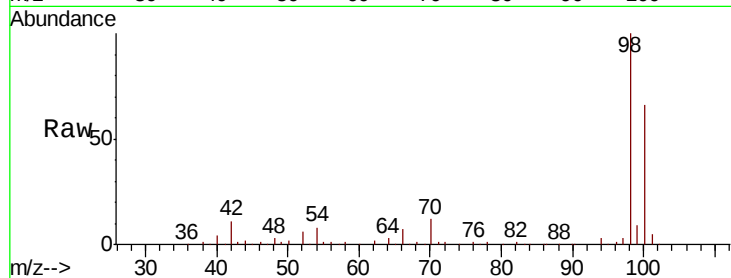
ClientSampleId :

Tot Ion: 98 Resp: 143424

Ion Ratio Lower Upper

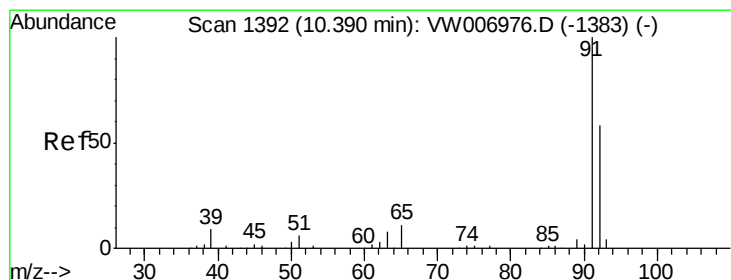
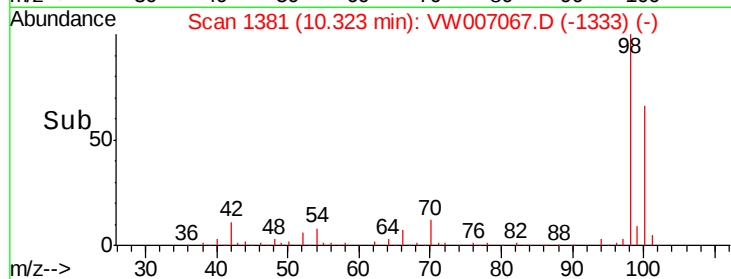
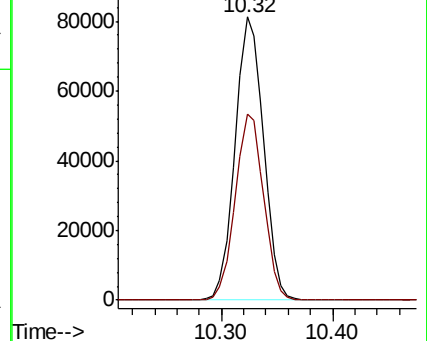
98 100

100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007067.D

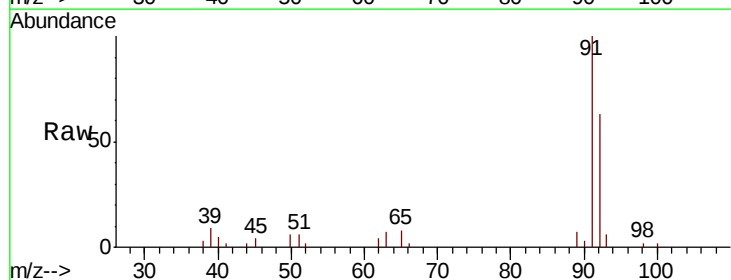
Acq: 27 Nov 2018 01:45

Tgt Ion: 92 Resp: 3521

Ion Ratio Lower Upper

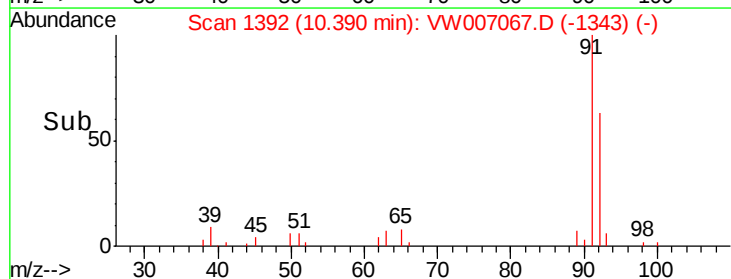
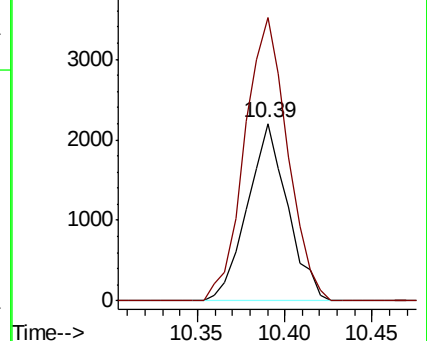
92 100

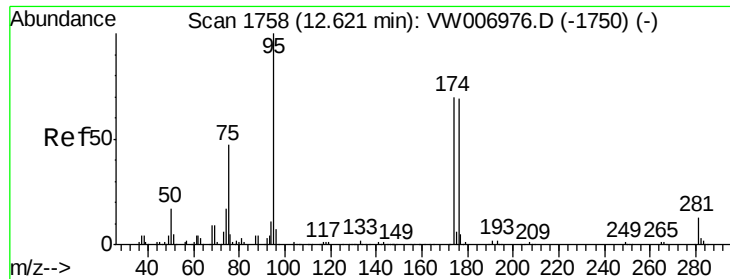
91 170.2 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

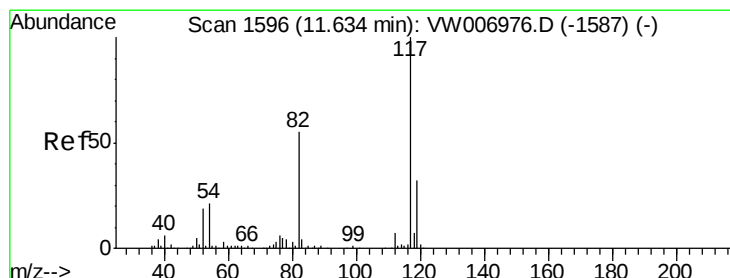
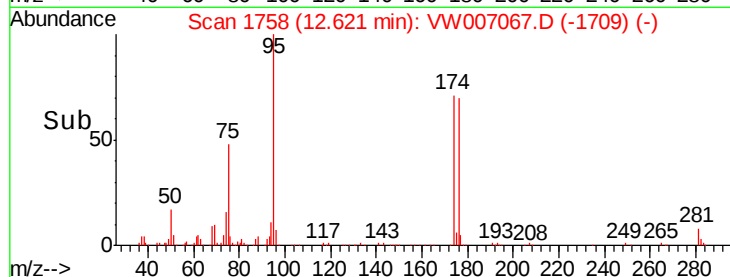
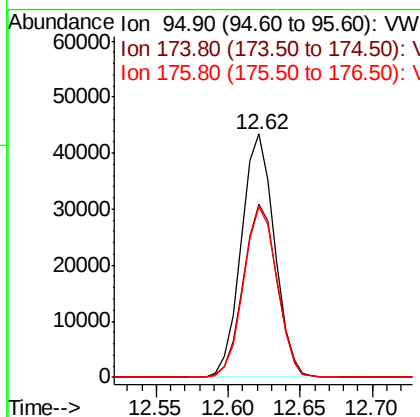
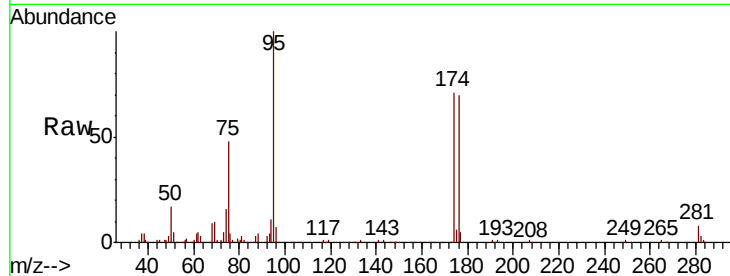




#62
4-Bromofluorobenzene
Concen: 37.239 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007067.D
Acq: 27 Nov 2018 01:45

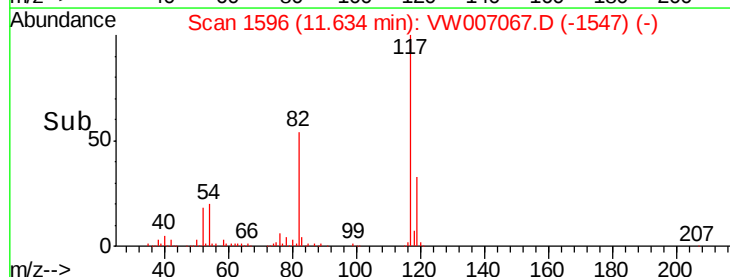
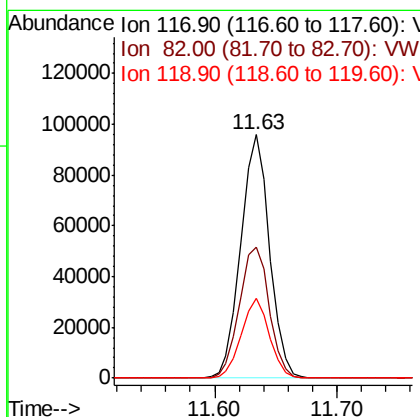
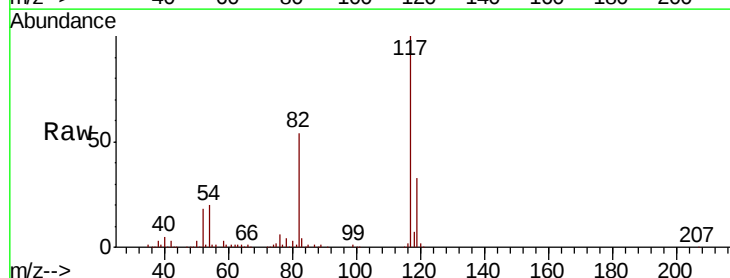
Instrument :
MSVOA_W
ClientSampled :

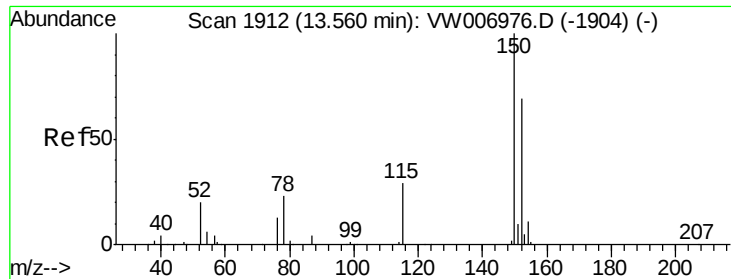
Tot Ion: 95 Resp: 69244
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.6
176 70.7 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007067.D
Acq: 27 Nov 2018 01:45

Tgt Ion: 117 Resp: 156108
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

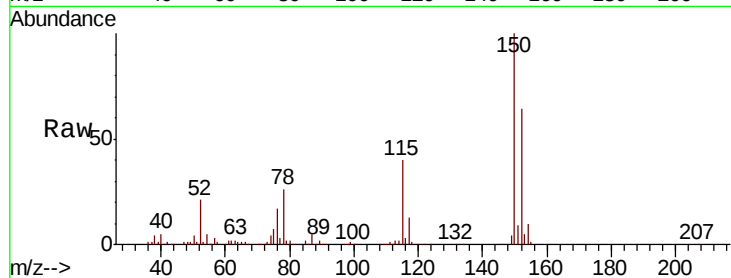
Tot Ion:152 Resp: 61815

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

150 154.1 0.0 353.4

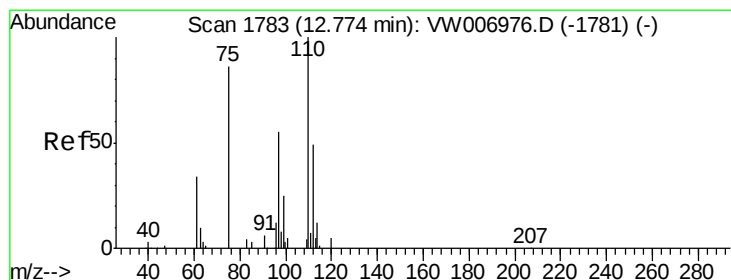
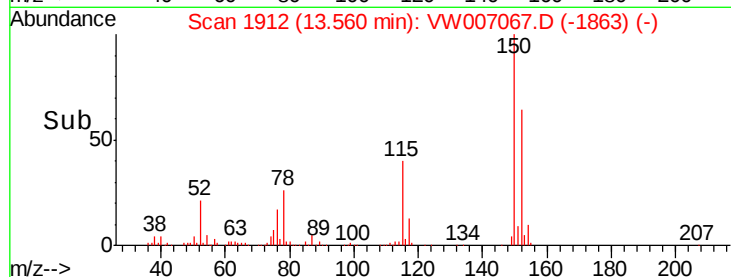
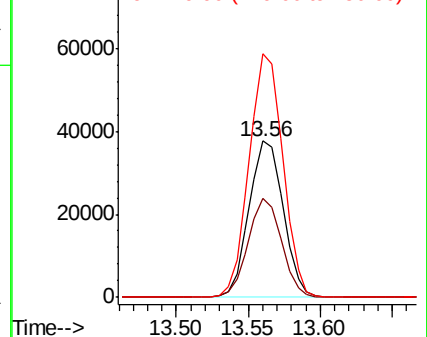


Abundance

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: 69.206 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007067.D

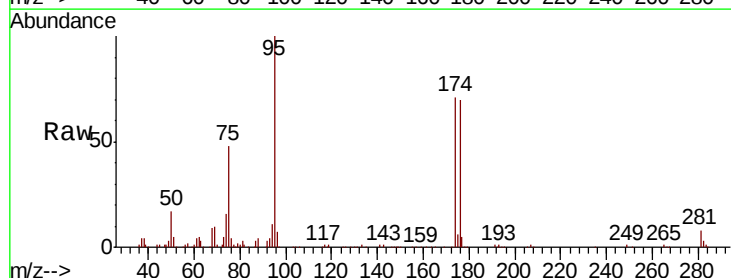
Acq: 27 Nov 2018 01:45

Tgt Ion: 75 Resp: 33616

Ion Ratio Lower Upper

75 100

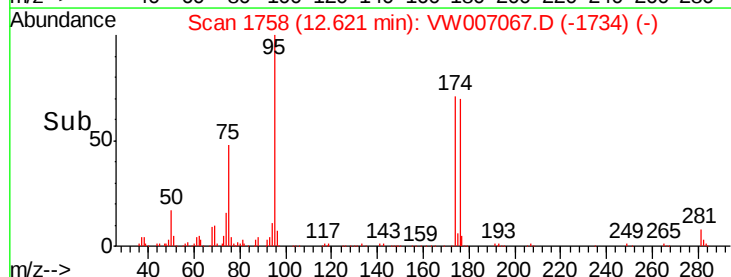
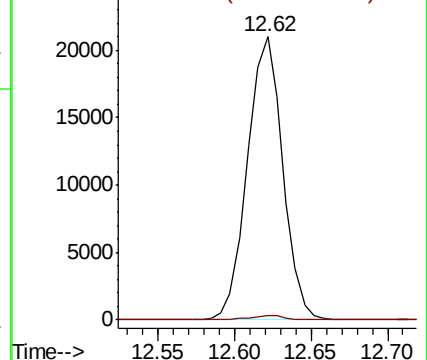
77 1.4 0.0 0.0#

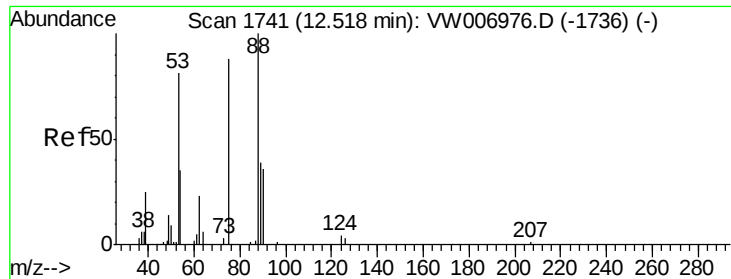


Abundance

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: 173.748 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007067.D

Acq: 27 Nov 2018 01:45

Instrument :

MSVOA_W

ClientSampleId :

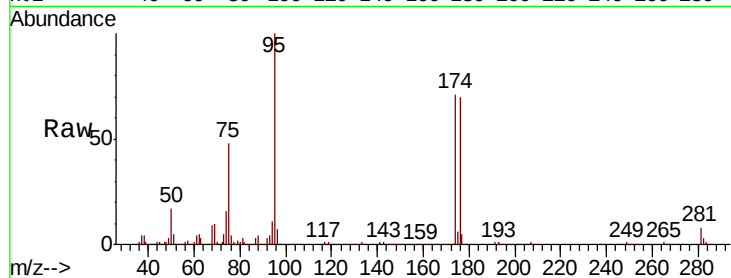
Tot Ion: 75 Resp: 33616

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



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

