

Data File : VW005902.D
Acq On : 08 Oct 2018 18:09
Operator : SY/AP
Sample : J5294-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-SUB

Quant Time: Oct 09 06:11:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	85660	34.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.74%	
35) Dibromofluoromethane	7.88	113	86339	34.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.54%	
50) Toluene-d8	10.33	98	266997	27.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.90%	
62) 4-Bromofluorobenzene	12.62	95	79629	21.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.82%	

Target Compounds

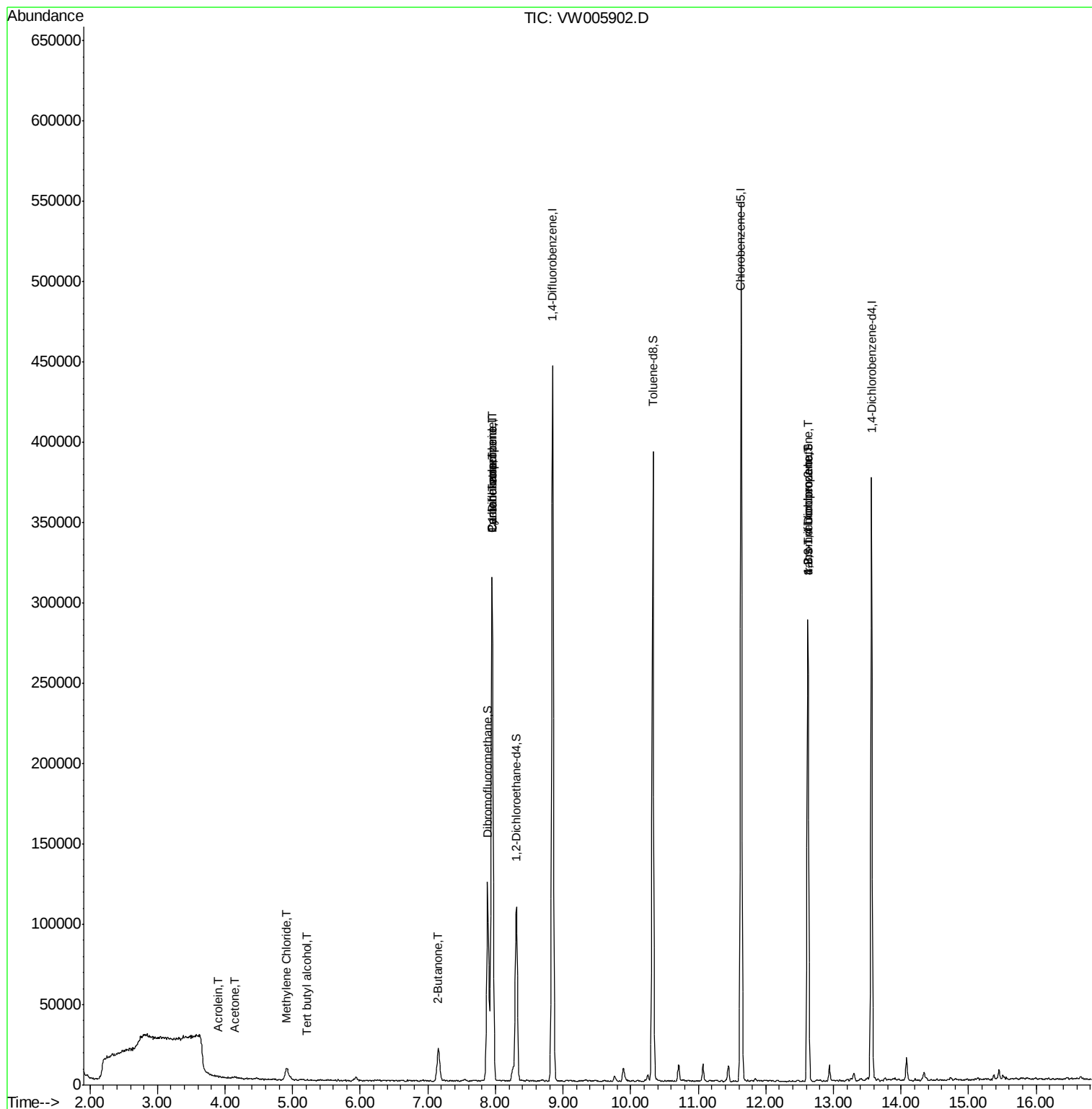
						Qvalue
11) Tert butyl alcohol	5.21	59	274	1.500	ug/l #	1
13) Acrolein	3.90	56	324	1.990	ug/l #	16
16) Acetone	4.15	43	1390	2.792	ug/l #	55
20) Methylene Chloride	4.91	84	6758	2.710	ug/l	98
25) 2-Butanone	7.15	43	1054	1.489	ug/l #	49
31) Cyclohexane	7.95	56	5095	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17277	4.636	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22616	5.648	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	41075	44.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41075	94.622	ug/l #	11

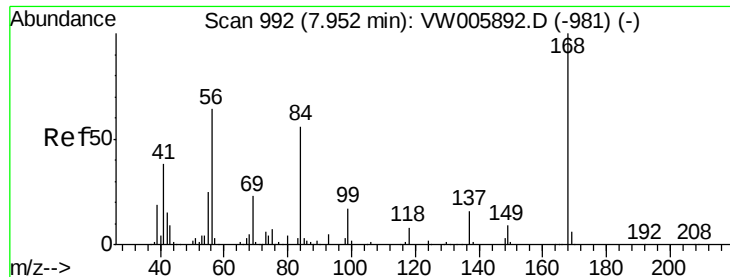
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

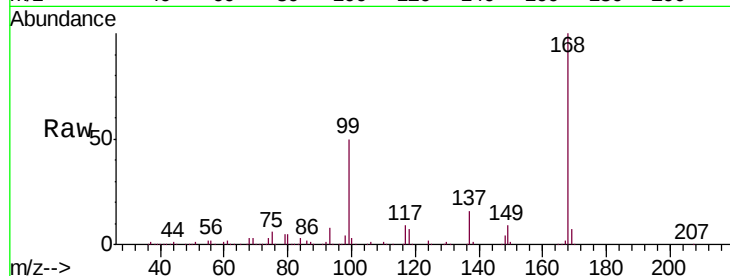
HP-SUB

Tgt Ion:168 Resp: 256736

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

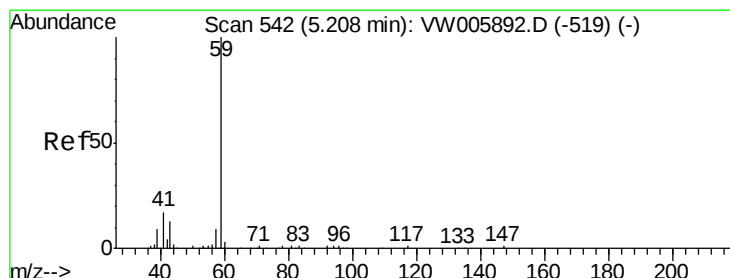
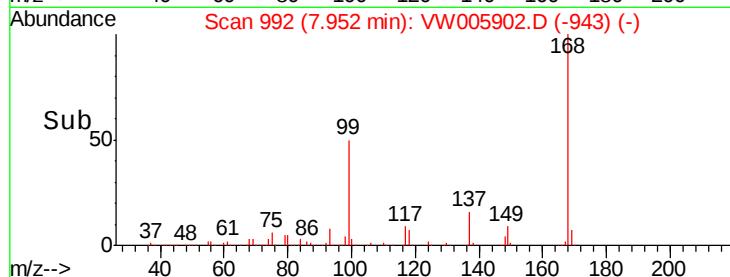
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.500 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW005902.D

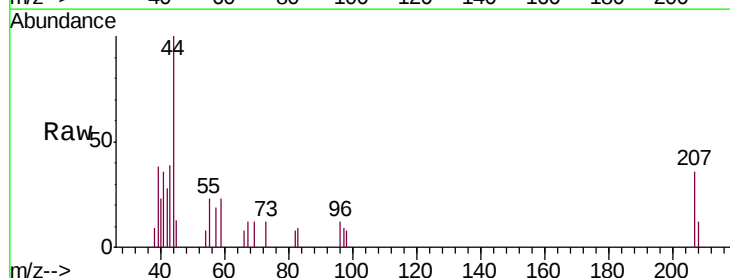
Acq: 08 Oct 2018 18:09

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 73.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

200

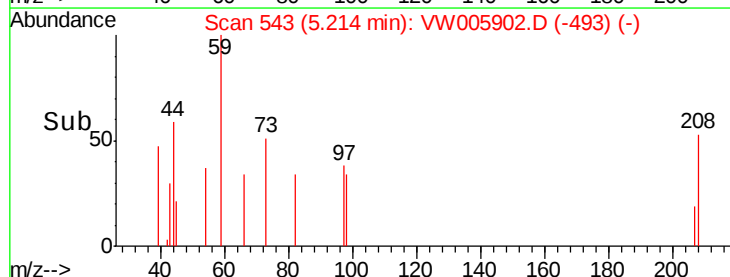
150

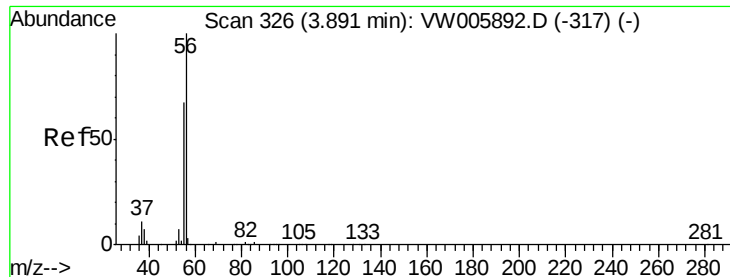
100

50

0

Time-->





#13

Acrolein

Concen: 1.990 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

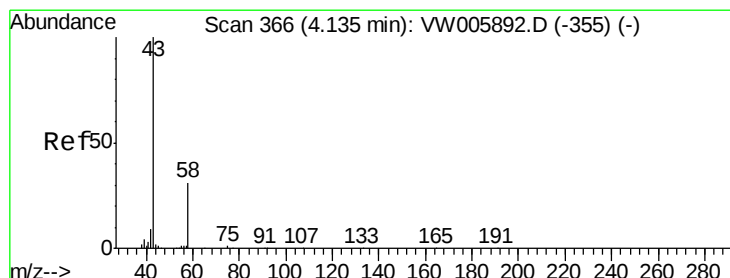
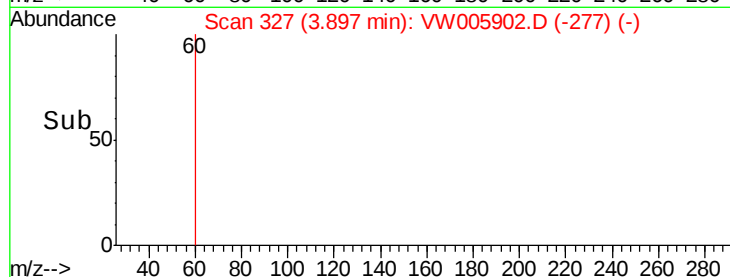
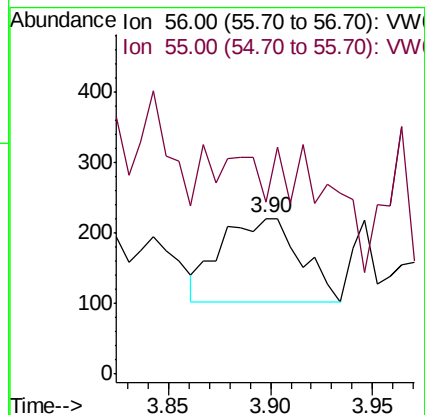
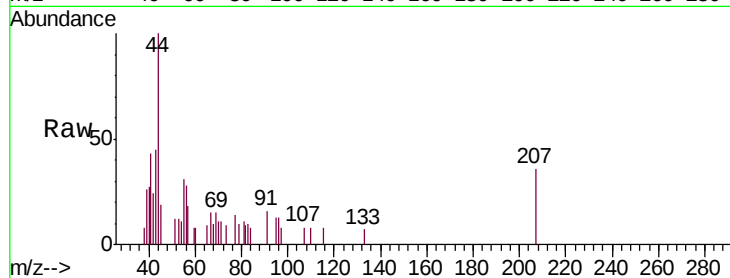
HP-SUB

Tgt Ion: 56 Resp: 324

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



#16

Acetone

Concen: 2.792 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005902.D

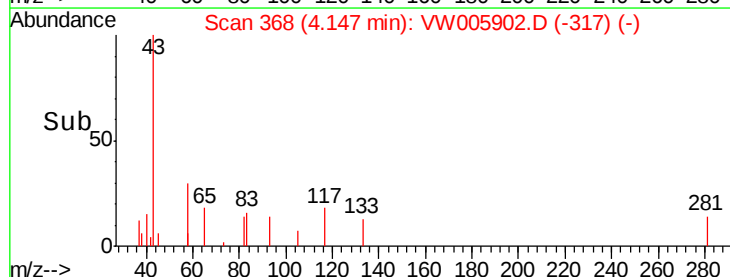
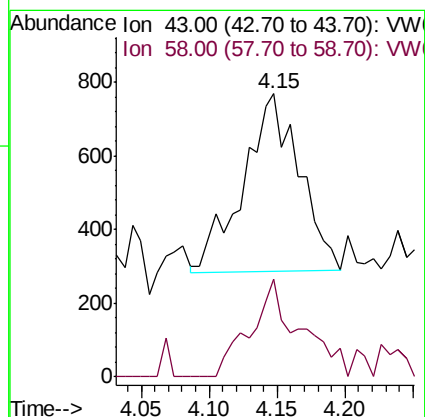
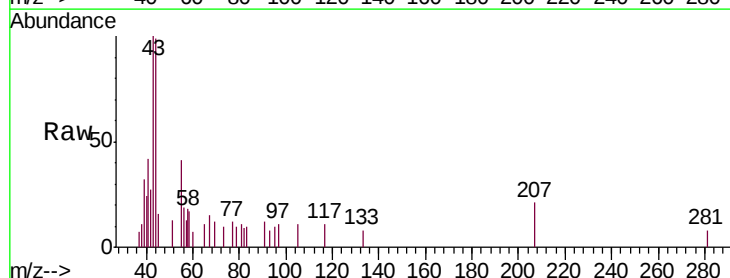
Acq: 08 Oct 2018 18:09

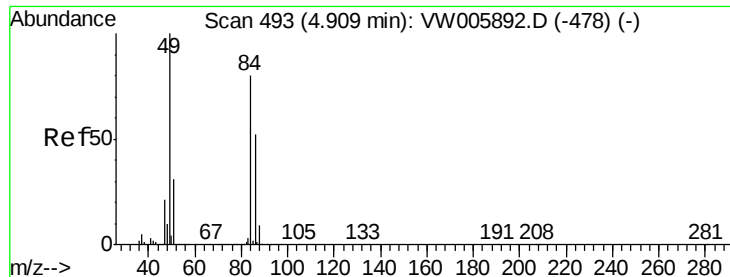
Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

58 55.8 24.7 37.1#

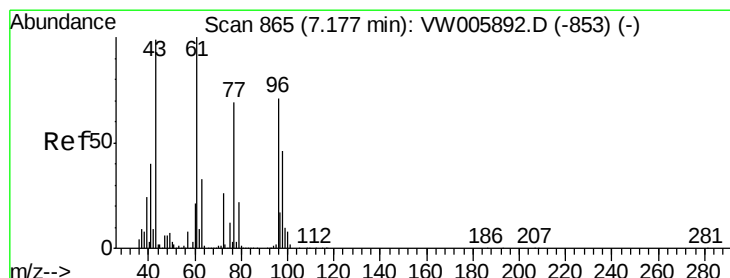
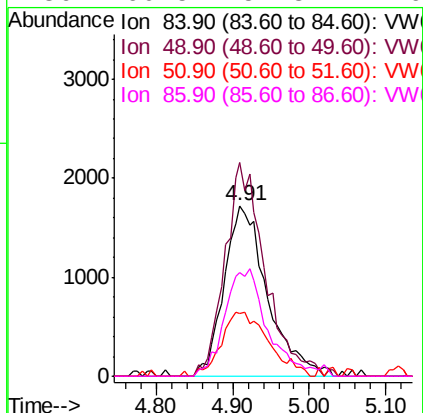
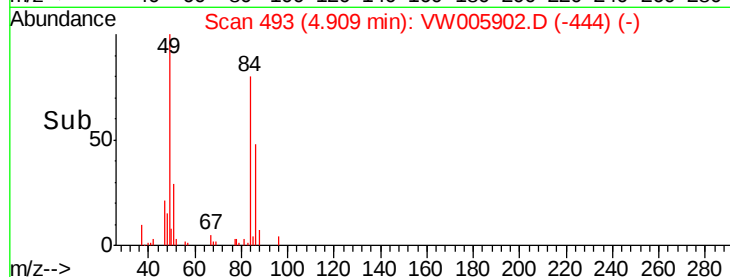
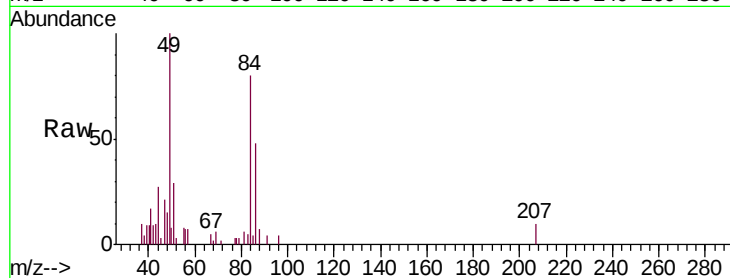




#20
Methylene Chloride
Concen: 2.710 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

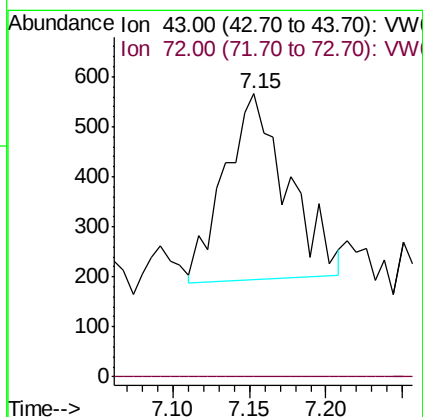
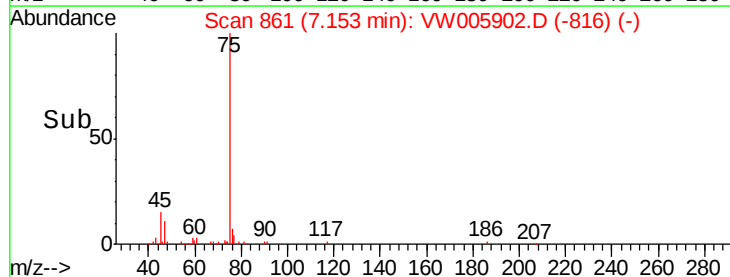
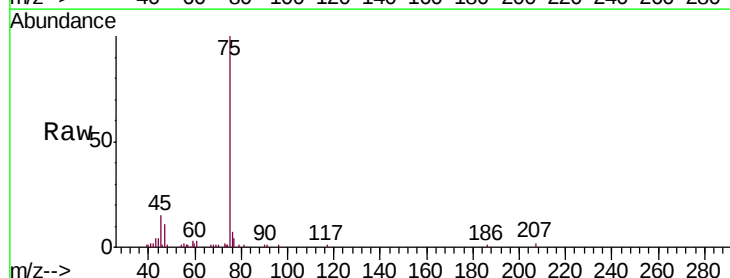
Instrument :
MSVOA_W
ClientSampleId :
HP-SUB

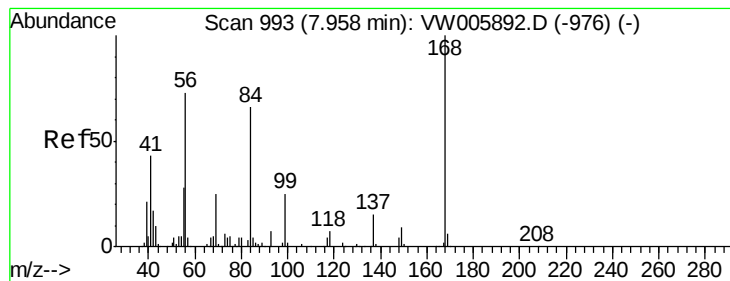
Tgt Ion: 84 Resp: 6758
Ion Ratio Lower Upper
84 100
49 125.0 99.9 149.9
51 36.8 31.1 46.7
86 60.5 51.8 77.6



#25
2-Butanone
Concen: 1.489 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#





#31

Cyclohexane

Concen: 1.168 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

HP-SUB

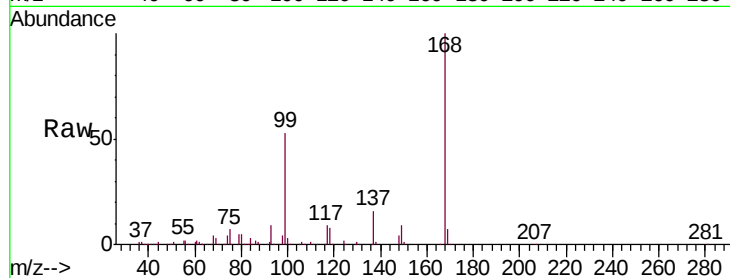
Tgt Ion: 56 Resp: 5095

Ion Ratio Lower Upper

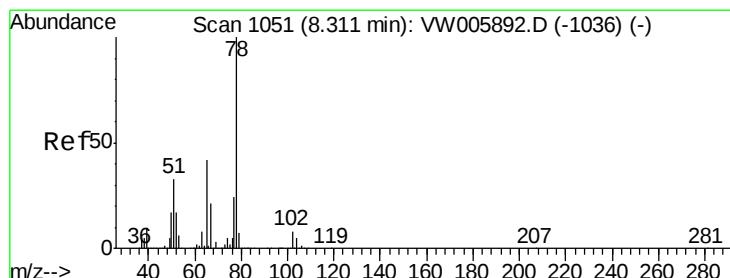
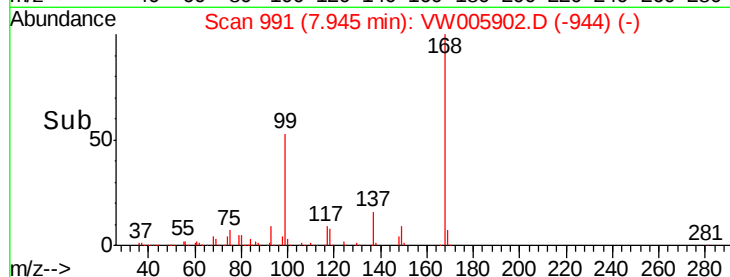
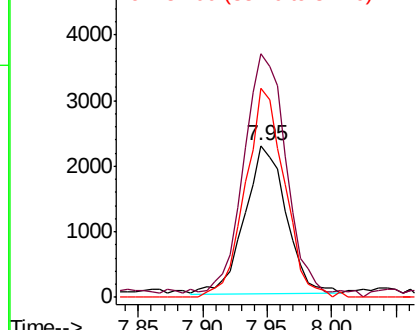
56 100

69 159.9 27.9 41.9#

84 145.6 72.3 108.5#



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: 34.369 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005902.D

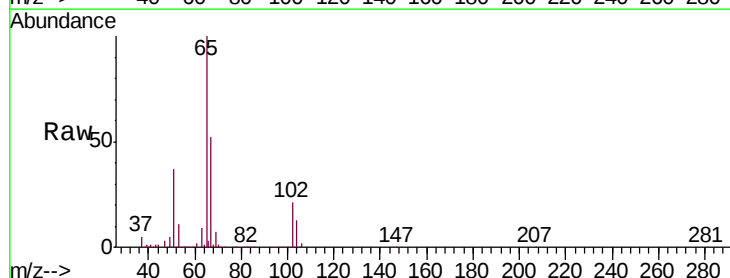
Acq: 08 Oct 2018 18:09

Tgt Ion: 65 Resp: 85660

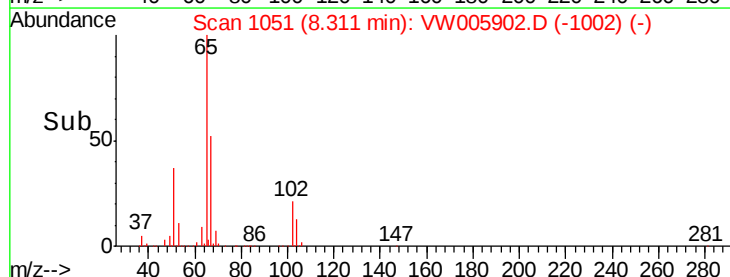
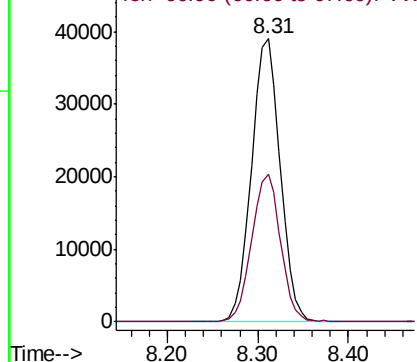
Ion Ratio Lower Upper

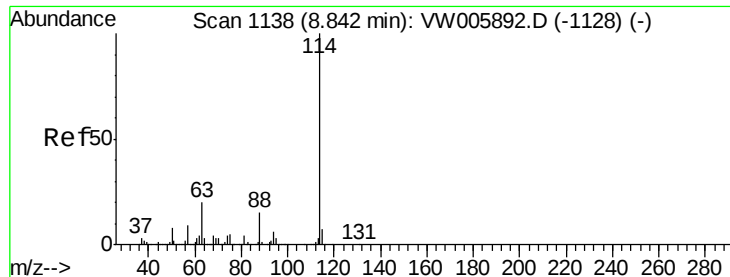
65 100

67 52.6 0.0 104.6



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

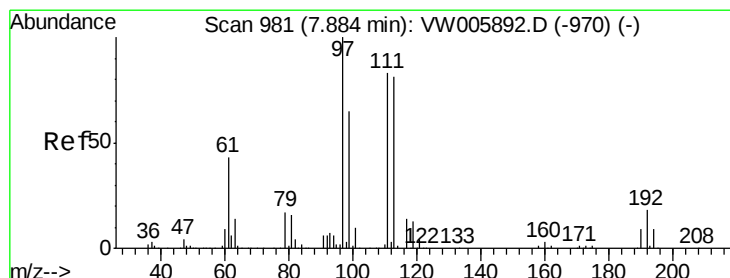
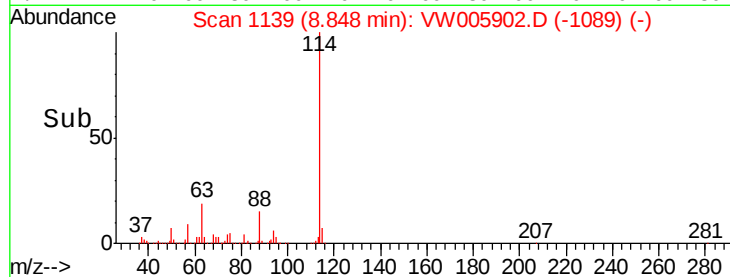
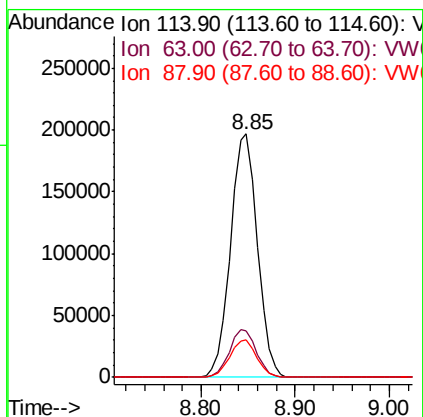
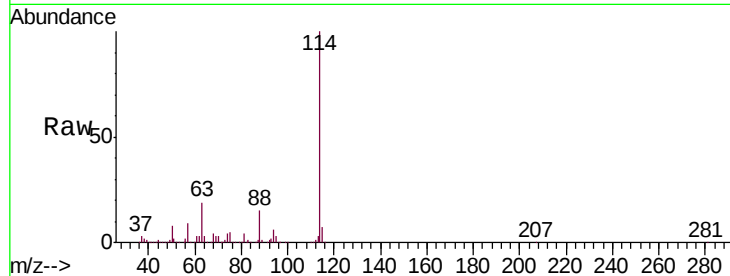




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

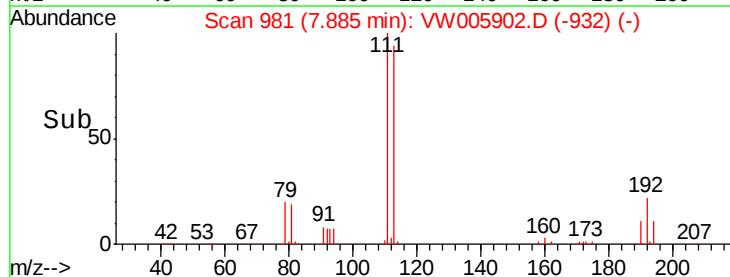
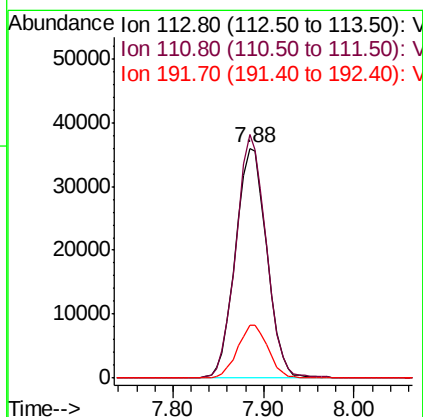
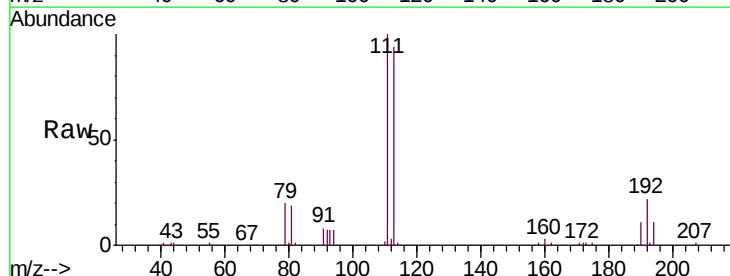
Instrument :
 MSVOA_W
 ClientSampled :
 HP-SUB

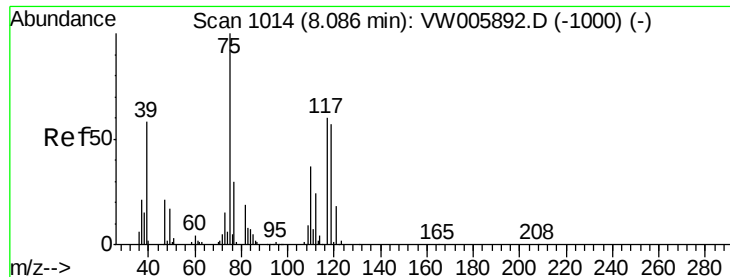
Tgt Ion:114 Resp: 388947
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.4 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 34.768 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

Tgt Ion:113 Resp: 86339
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 22.4 18.3 27.5

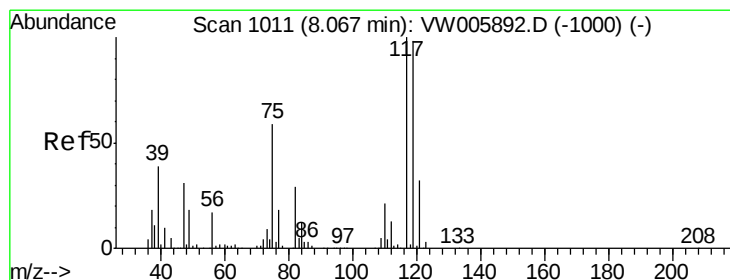
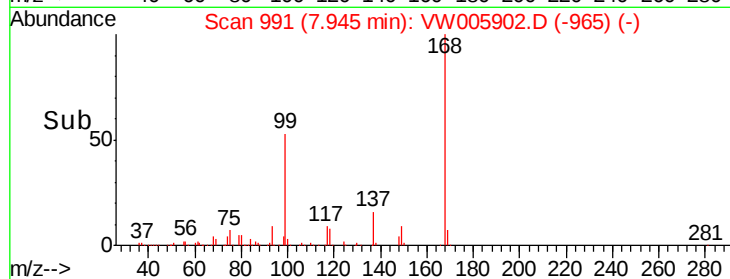
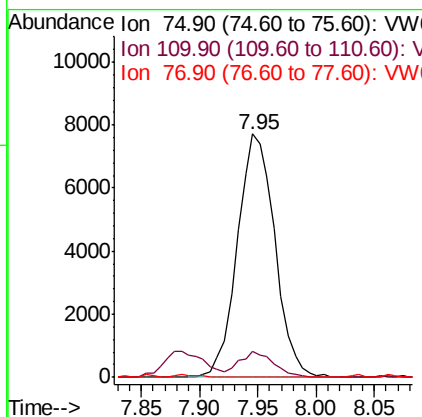
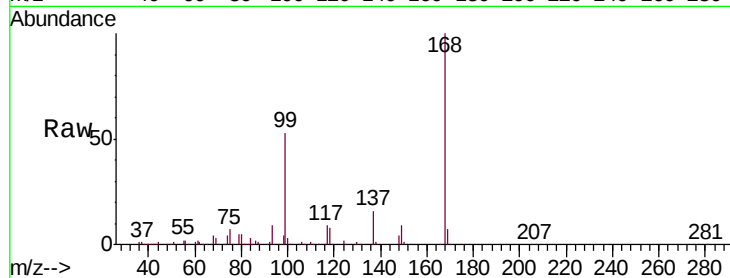




#36
 1,1-Dichloropropene
 Concen: 4.636 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

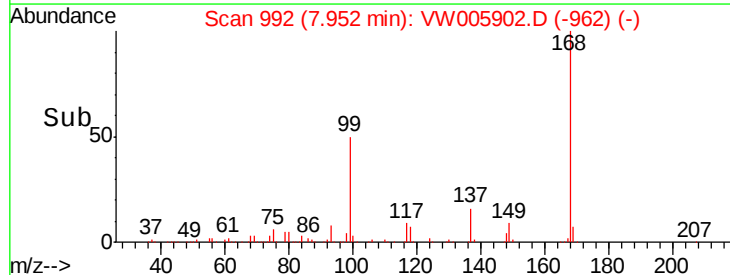
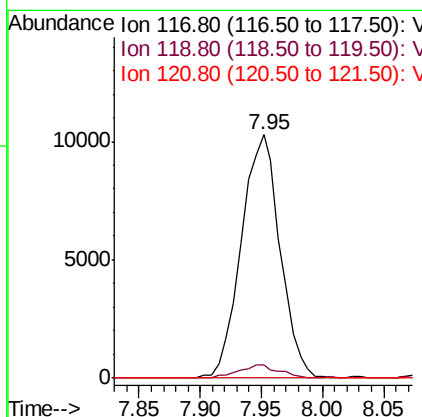
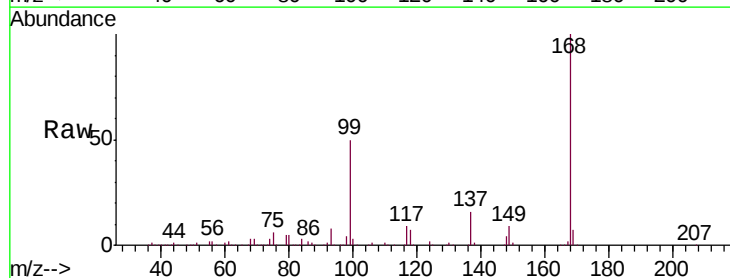
Instrument :
 MSVOA_W
 ClientSampled :
 HP-SUB

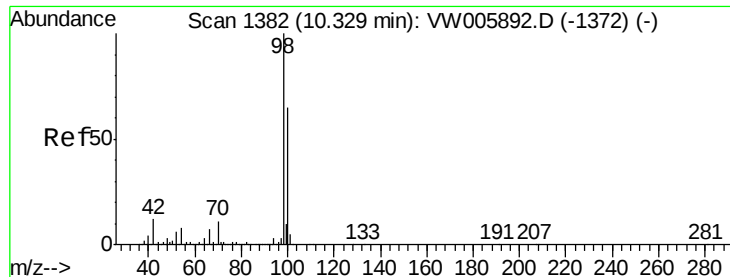
Tgt Ion: 75 Resp: 17277
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.648 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005902.D
 Acq: 08 Oct 2018 18:09

Tgt Ion: 117 Resp: 22616
 Ion Ratio Lower Upper
 117 100
 119 5.5 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 27.946 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

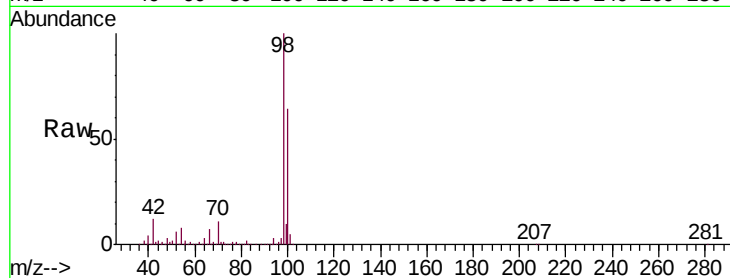
HP-SUB

Tgt Ion: 98 Resp: 266997

Ion Ratio Lower Upper

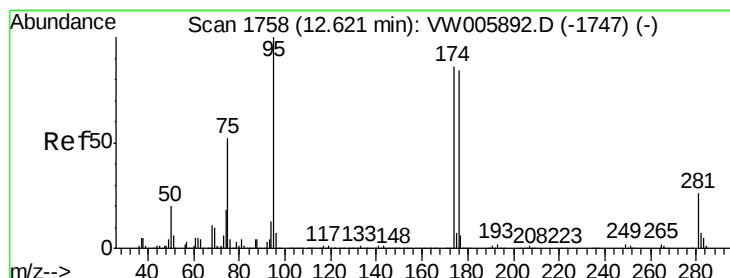
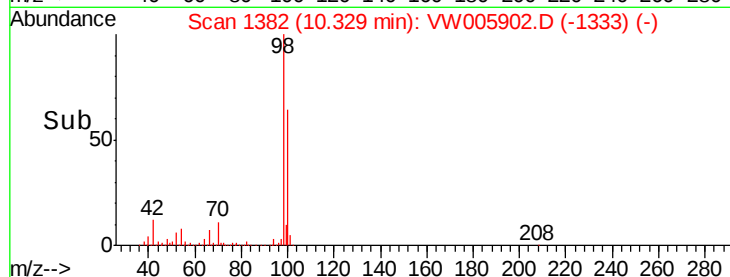
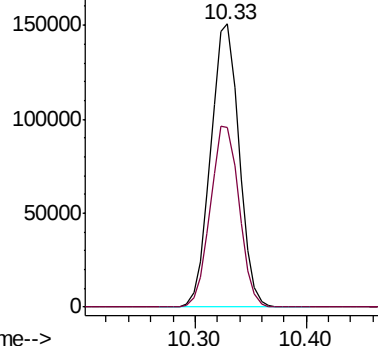
98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 21.906 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

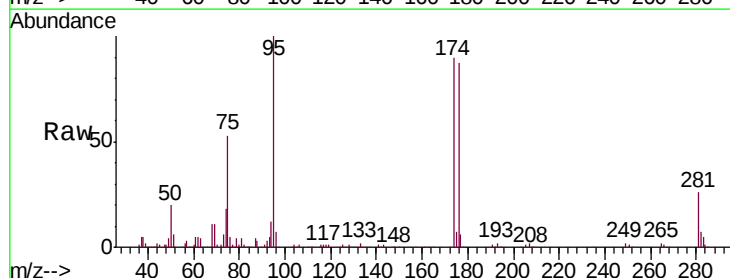
Tgt Ion: 95 Resp: 79629

Ion Ratio Lower Upper

95 100

174 92.5 0.0 176.4

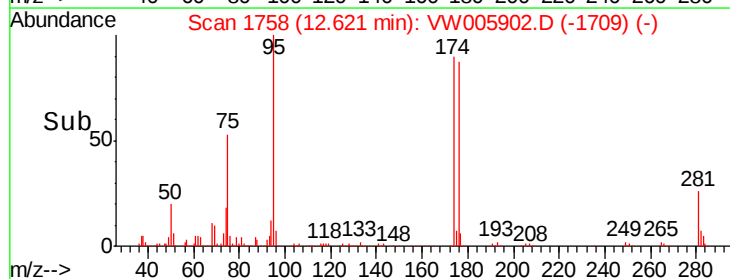
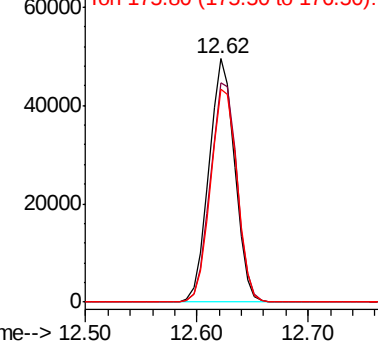
176 90.2 0.0 173.0

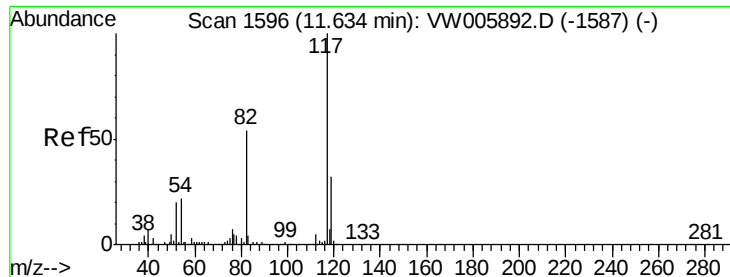


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

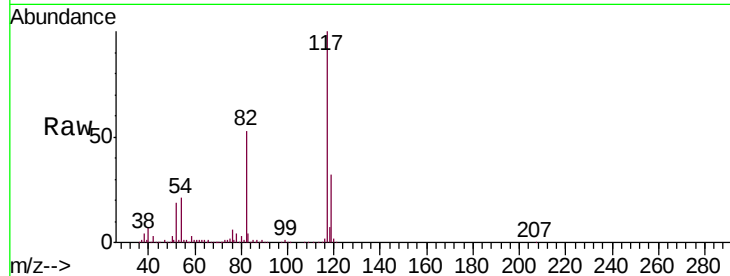




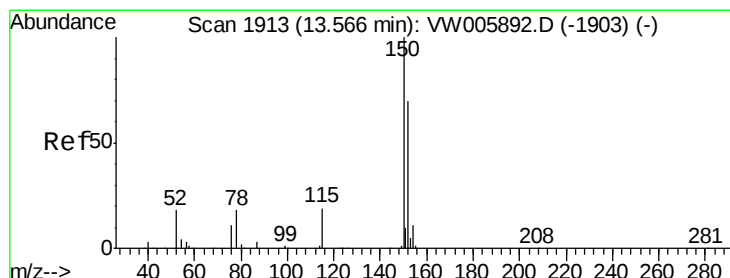
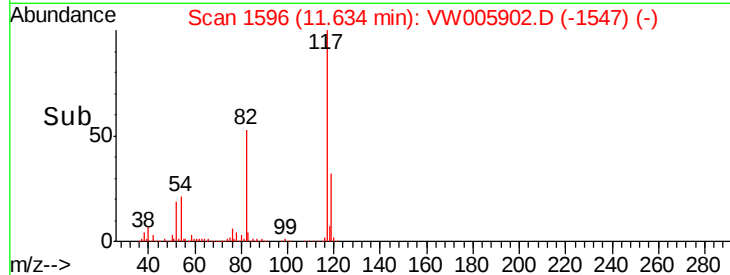
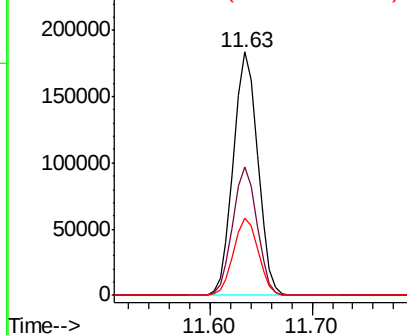
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

Instrument :
MSVOA_W
ClientSampleId :
HP-SUB

Tgt Ion:117 Resp: 303910
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 31.8 25.4 38.2

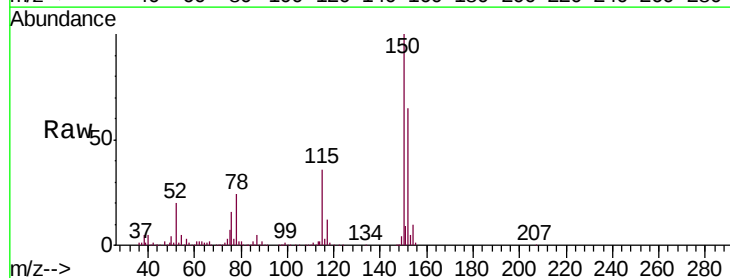


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

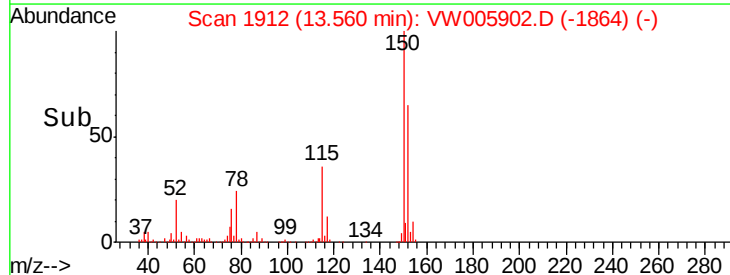
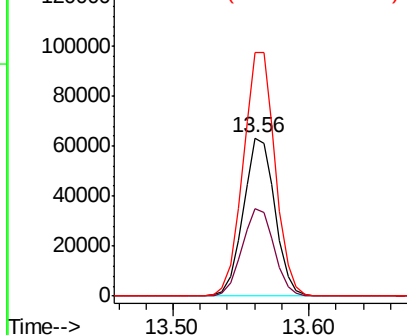


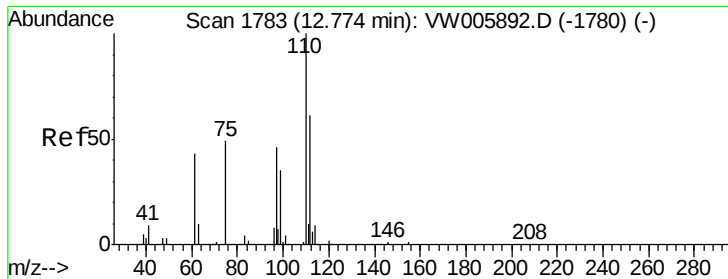
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005902.D
Acq: 08 Oct 2018 18:09

Tgt Ion:152 Resp: 102591
Ion Ratio Lower Upper
152 100
115 55.6 28.3 85.0
150 155.7 0.0 349.2



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: 44.821 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

Instrument :

MSVOA_W

ClientSampleId :

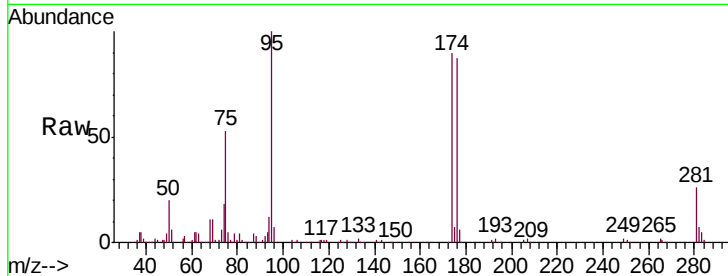
HP-SUB

Tgt Ion: 75 Resp: 41075

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

12.62

25000

20000

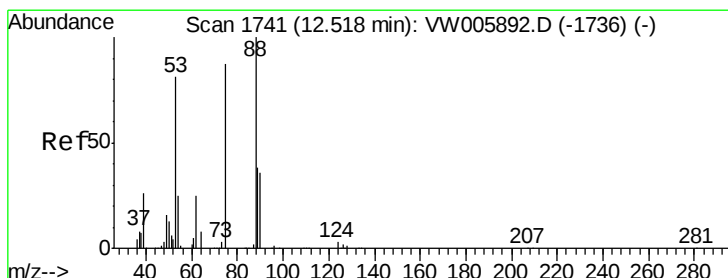
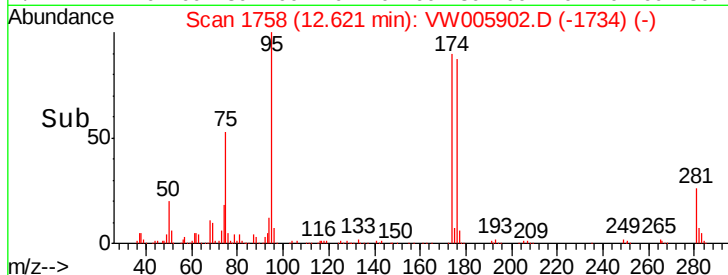
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 94.622 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005902.D

Acq: 08 Oct 2018 18:09

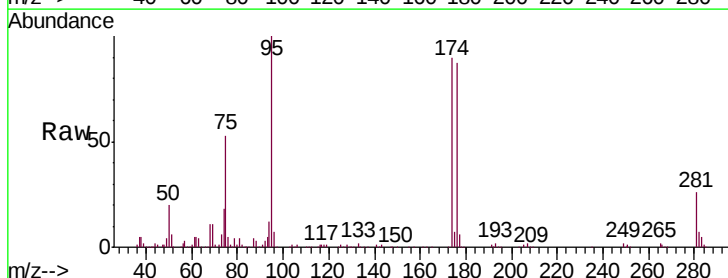
Tgt Ion: 75 Resp: 41075

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.2 37.6 56.4#



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

12.62

30000

20000

10000

0

Time-->

