

Data File : VW008770.D
Acq On : 21 Feb 2019 15:21
Operator : SY/VA
Sample : VW0221SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

Quant Time: Feb 22 00:46:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	391278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	583644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	512021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	241796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	200619	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	7.88	113	169862	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.32	98	696490	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	235117	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	

Target Compounds

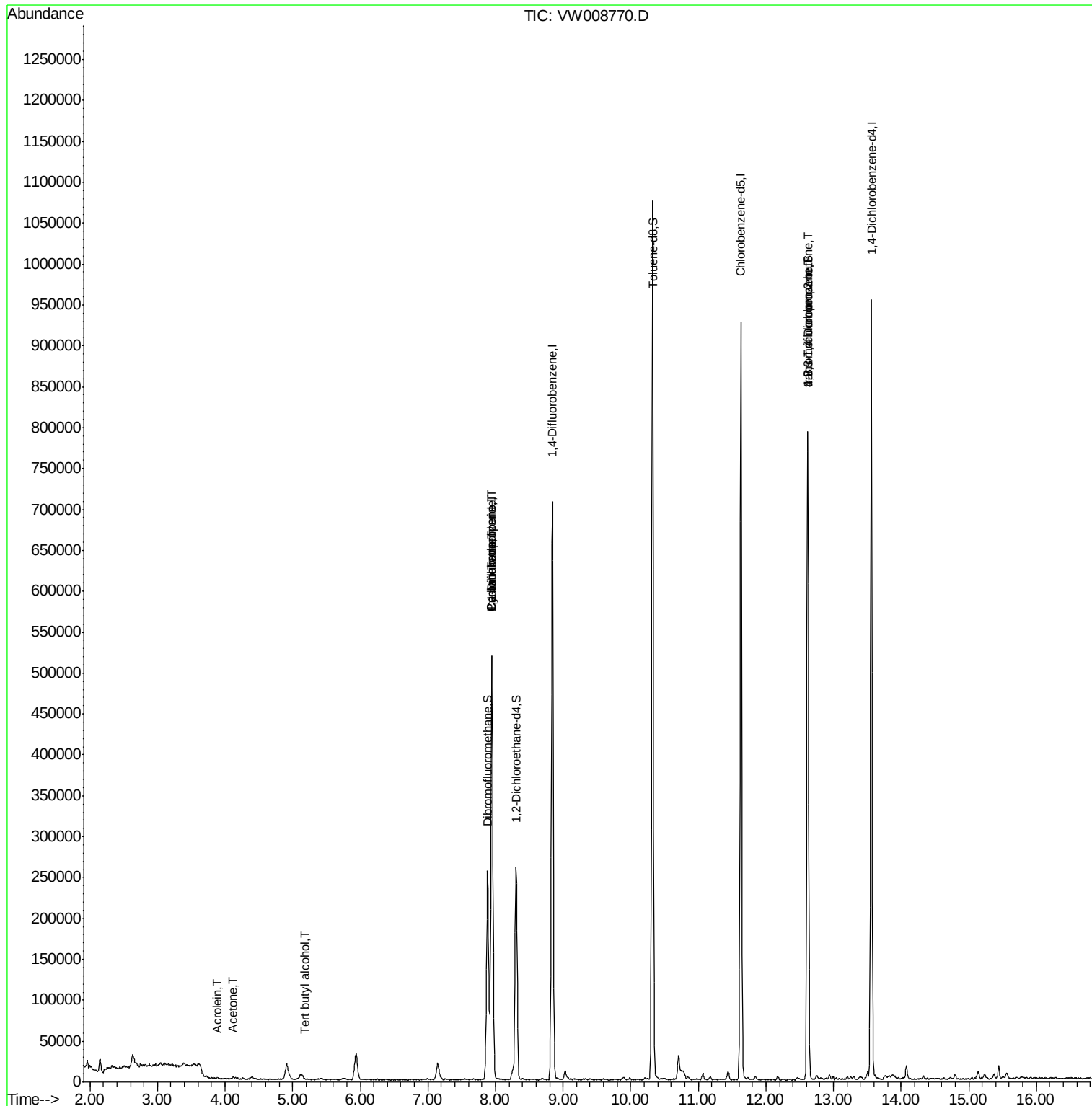
						Qvalue
11) Tert butyl alcohol	5.18	59	680	2.081	ug/l #	70
13) Acrolein	3.88	56	179	20.258	ug/l #	14
16) Acetone	4.12	43	3701	4.351	ug/l #	76
20) Methylene Chloride	4.92	84	12556	Below Cal		90
31) Cyclohexane	7.95	56	8437	1.219	ug/l #	15
36) 1,1-Dichloropropene	7.94	75	27805	4.894	ug/l #	51
38) Carbon Tetrachloride	7.95	117	37527	6.263	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	124532	62.380	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	124532	151.650	ug/l #	6

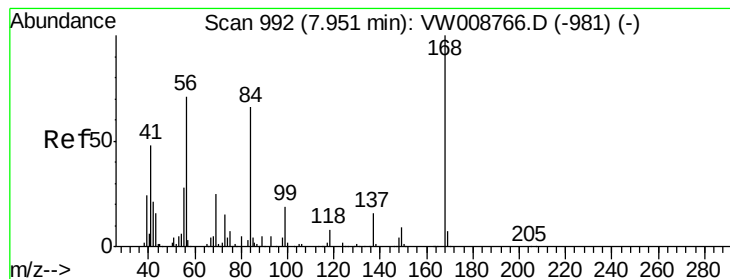
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008770.D
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Sample : VW0221SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
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Instrument :
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ClientSampleId :
VW0221SBL01

Quant Time: Feb 22 00:46:04 2019
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Quant Title : SW846 8260
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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: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

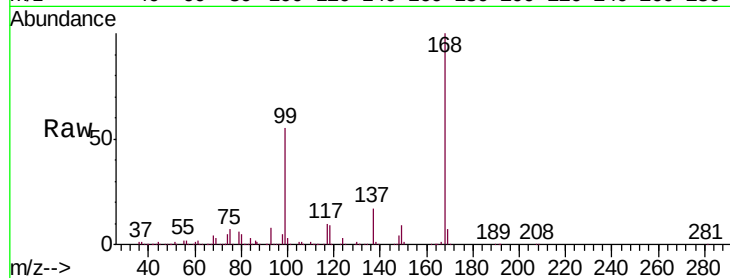
VW0221SBL01

Tgt Ion:168 Resp: 391278

Ion Ratio Lower Upper

168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

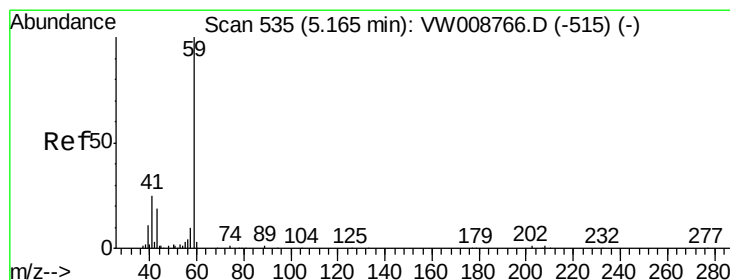
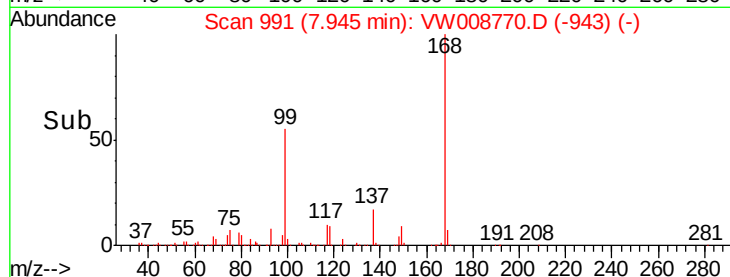
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.081 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW008770.D

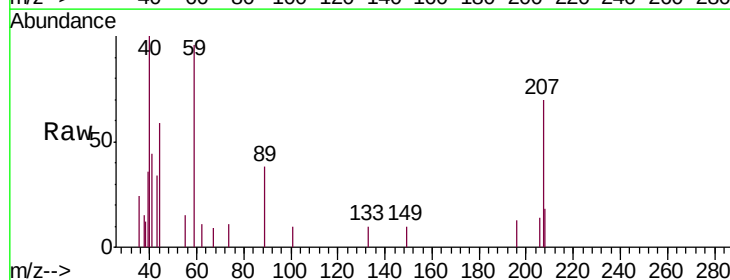
Acq: 21 Feb 2019 15:21

Tgt Ion: 59 Resp: 680

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

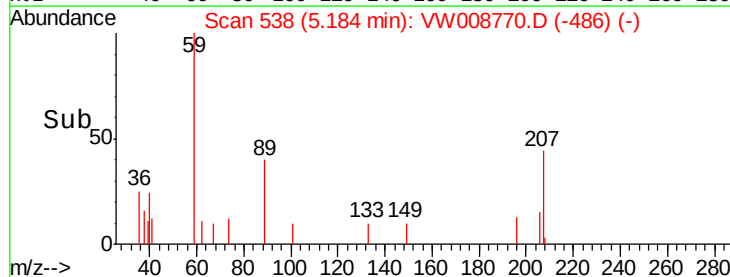
1500

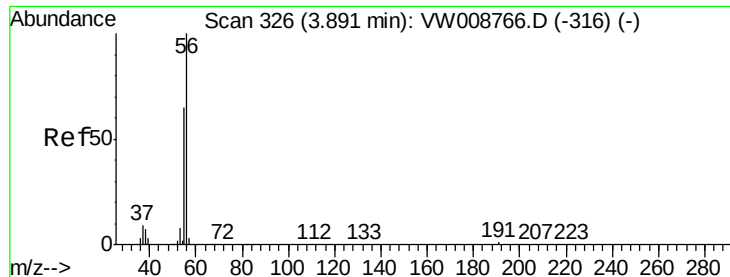
1000

500

0

Time-->





#13

Acrolein

Concen: 20.258 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

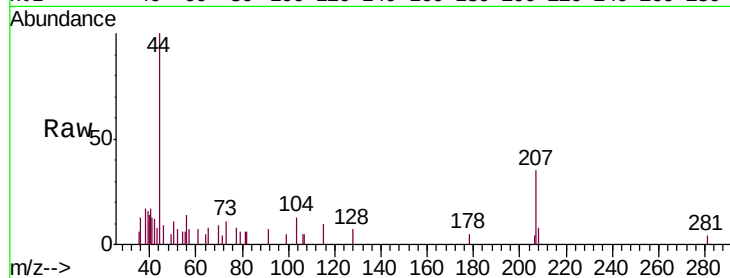
VW0221SBL01

Tgt Ion: 56 Resp: 179

Ion Ratio Lower Upper

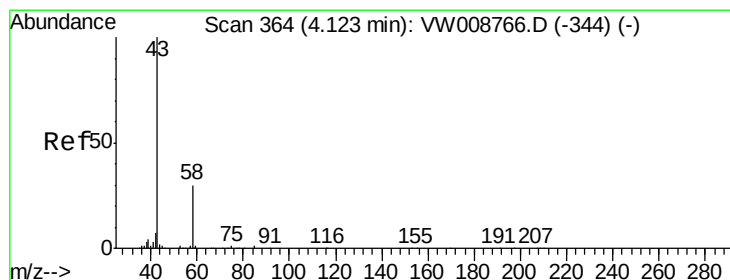
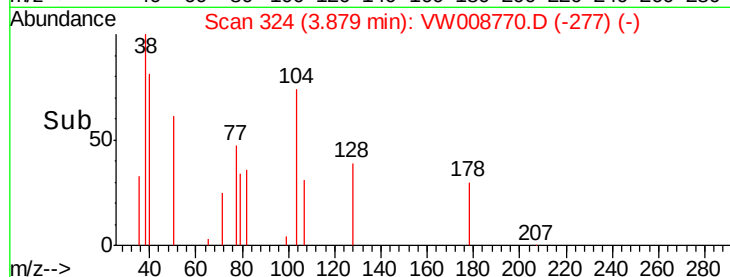
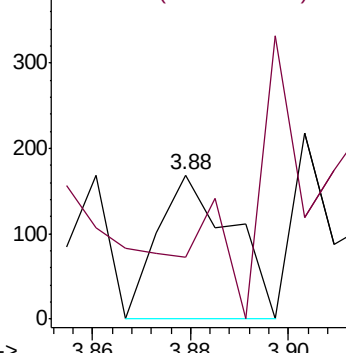
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 4.351 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008770.D

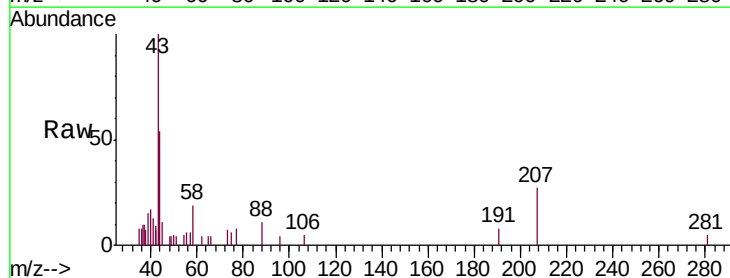
Acq: 21 Feb 2019 15:21

Tgt Ion: 43 Resp: 3701

Ion Ratio Lower Upper

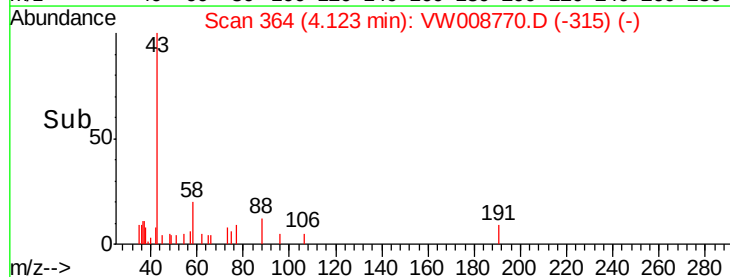
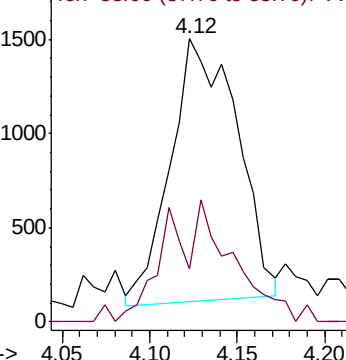
43 100

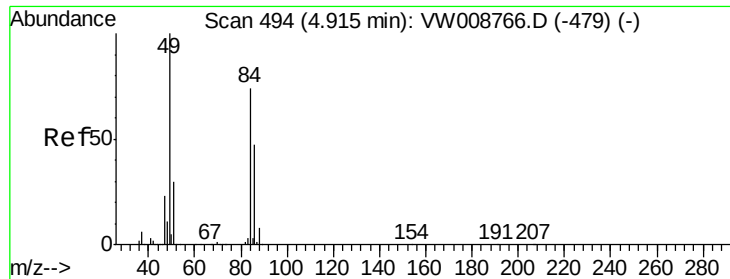
58 16.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

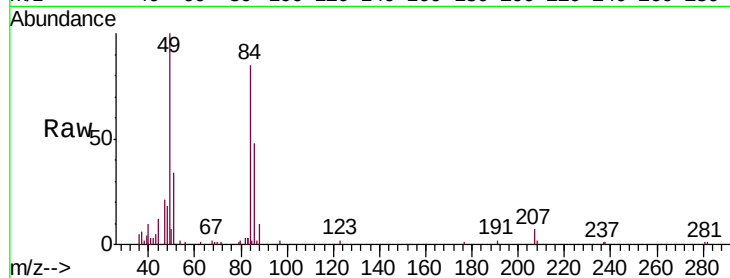




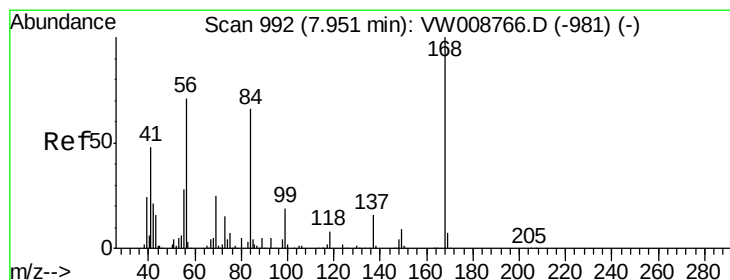
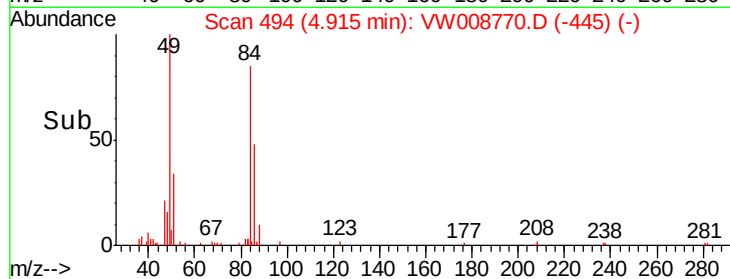
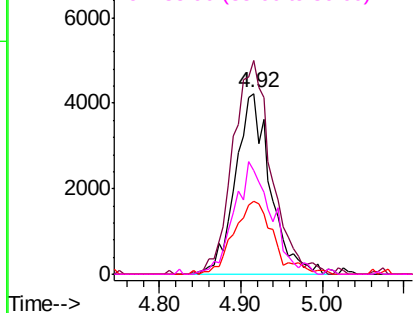
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

Tgt Ion:	84	Resp:	12556
Ion	Ratio	Lower	Upper
84	100		
49	118.2	108.2	162.2
51	40.6	32.7	49.1
86	57.3	50.3	75.5

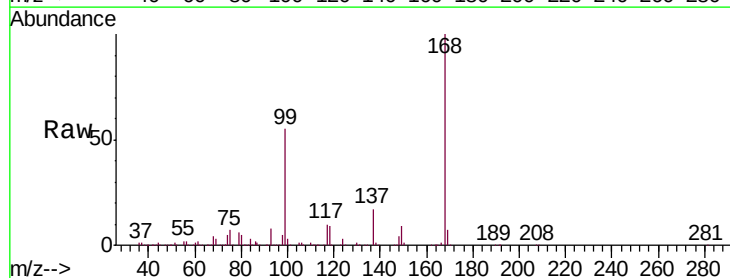


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

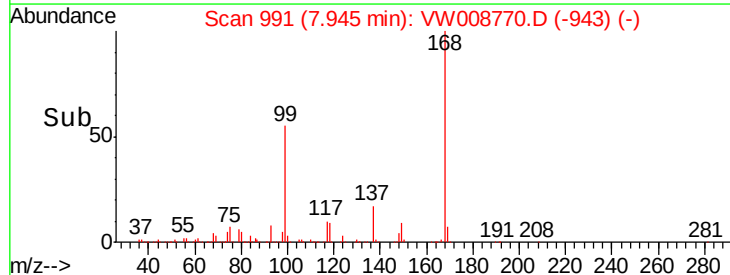
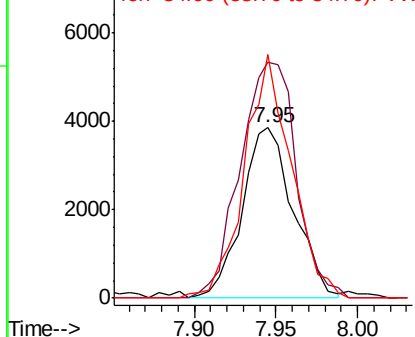


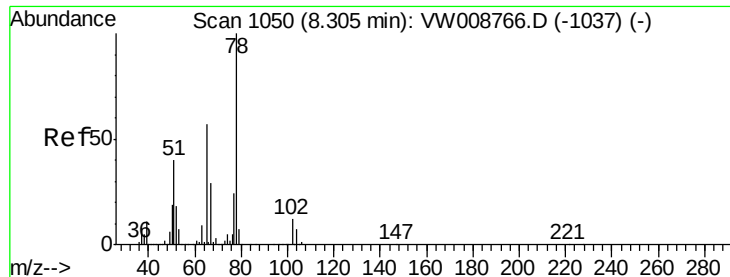
#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion:	56	Resp:	8437
Ion	Ratio	Lower	Upper
56	100		
69	138.9	28.2	42.4#
84	140.5	74.1	111.1#



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

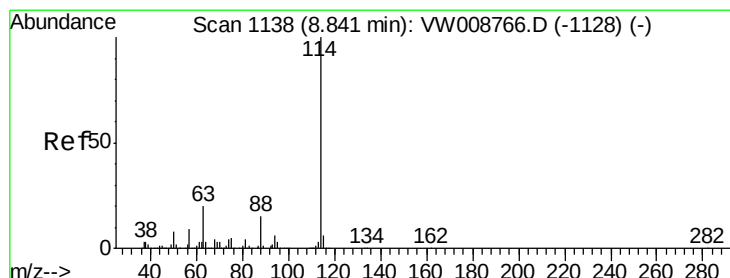
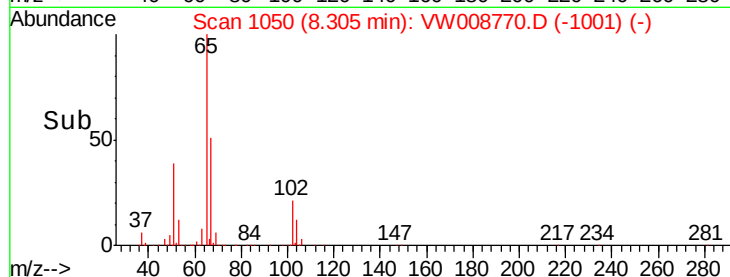
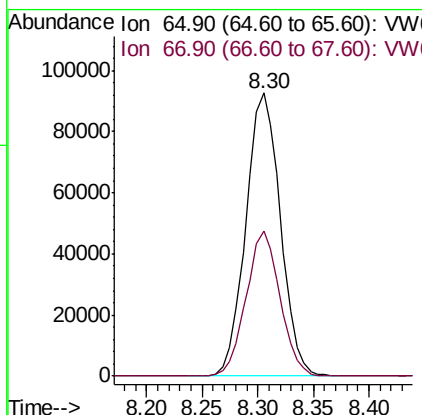
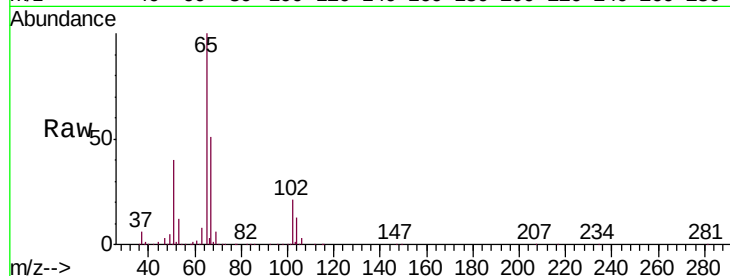




#33
 1,2-Dichloroethane-d4
 Concen: 54.667 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

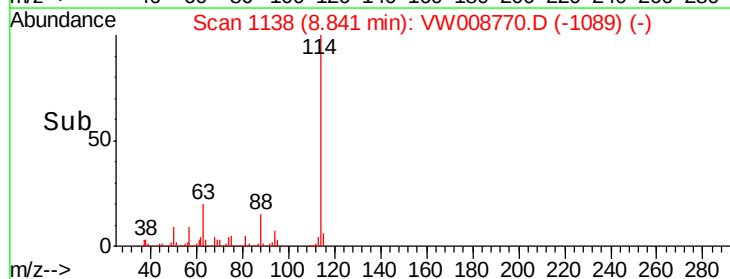
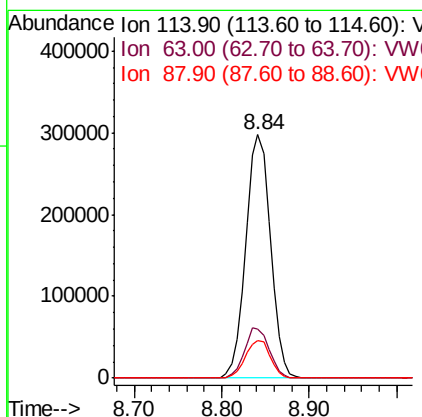
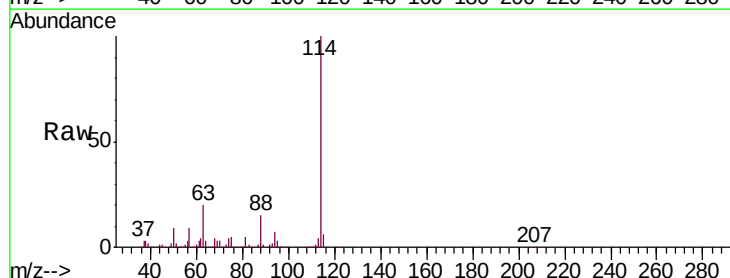
Instrument :
 MSVOA_W
 ClientSampled :
 VW0221SBL01

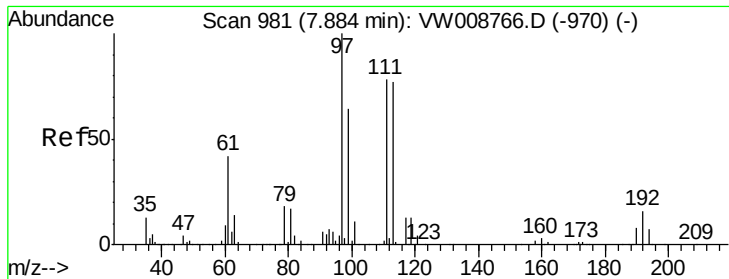
Tgt Ion: 65 Resp: 200619
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008770.D
 Acq: 21 Feb 2019 15:21

Tgt Ion: 114 Resp: 583644
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

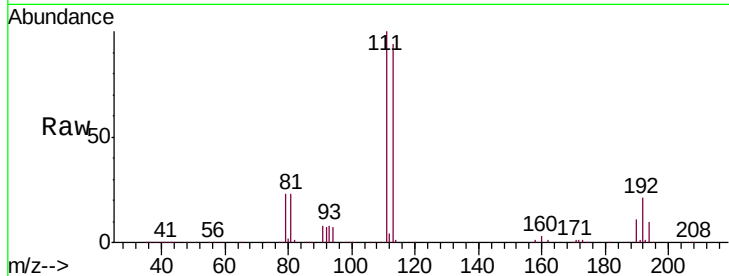
Tgt Ion:113 Resp: 169862

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

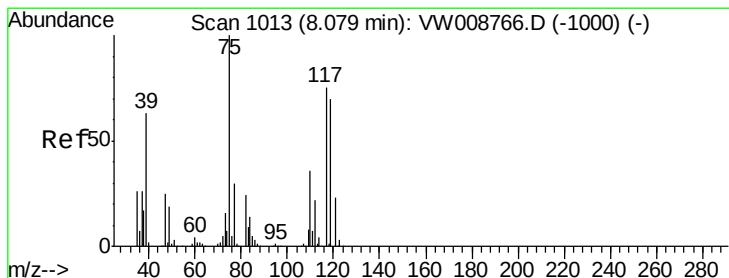
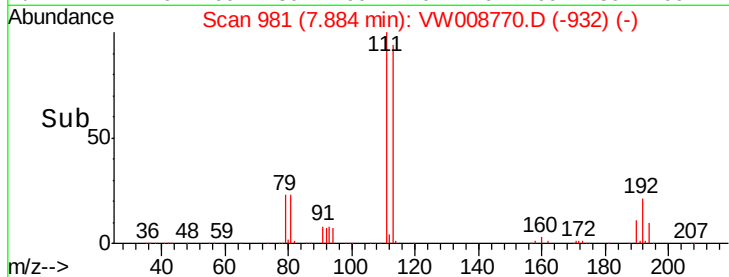
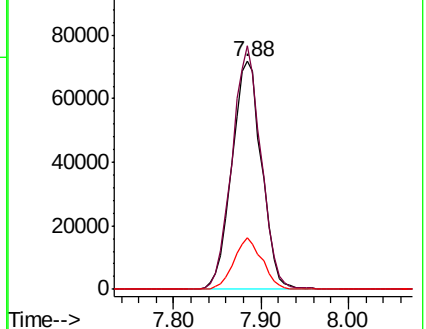
192 21.6 17.1 25.7



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: 4.894 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

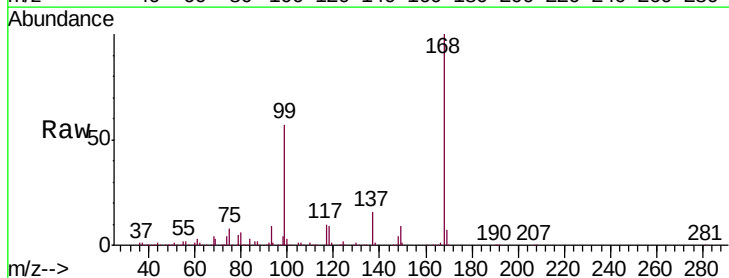
Tgt Ion: 75 Resp: 27805

Ion Ratio Lower Upper

75 100

110 10.4 17.5 52.6#

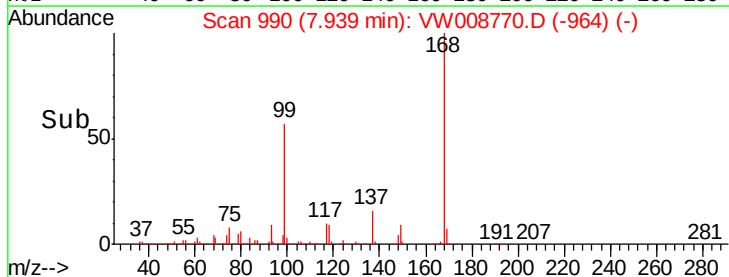
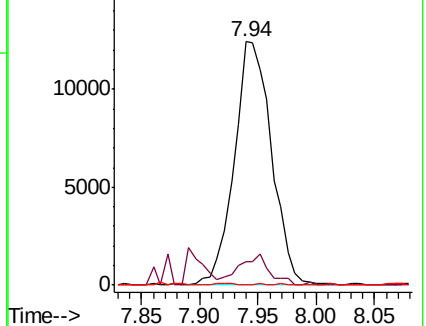
77 0.1 24.5 36.7#

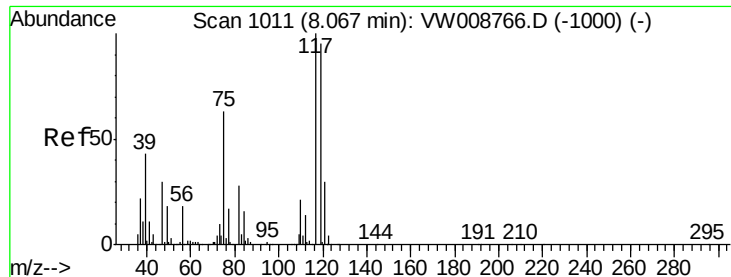


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

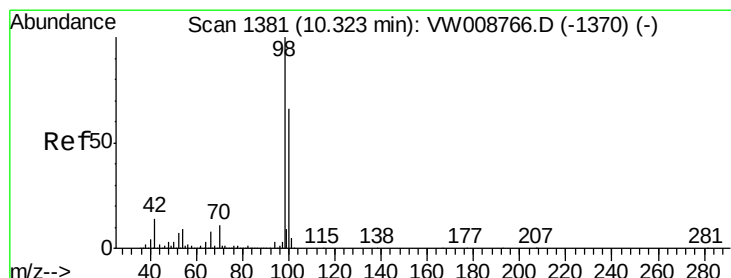
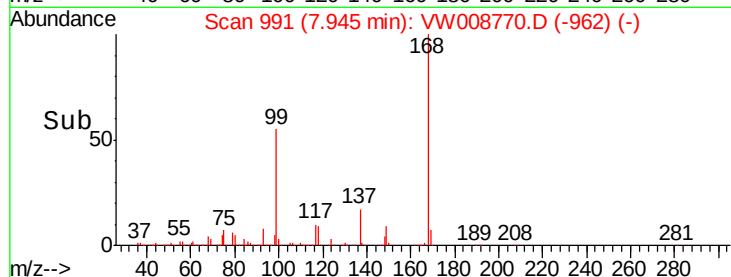
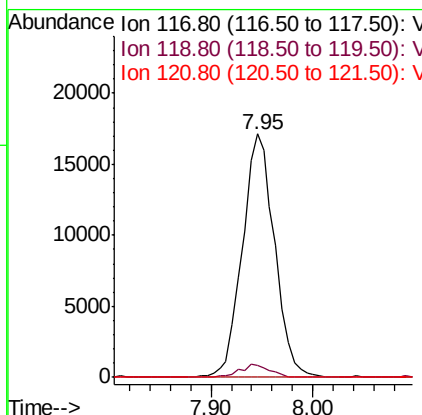
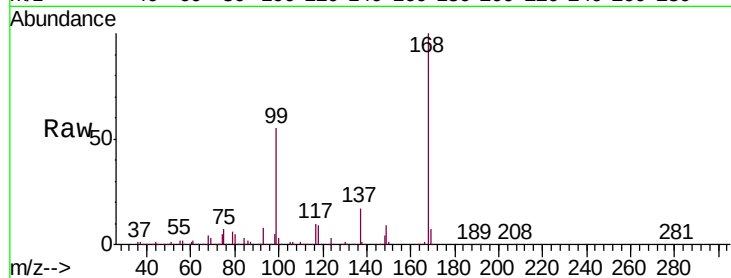




#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

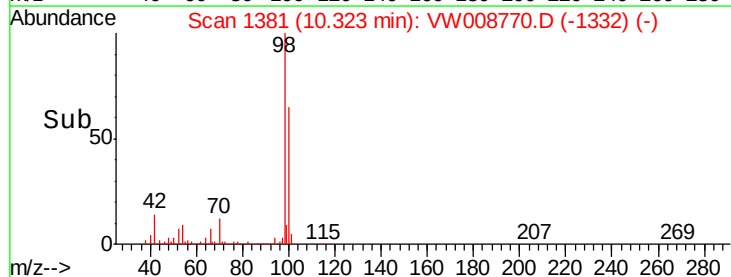
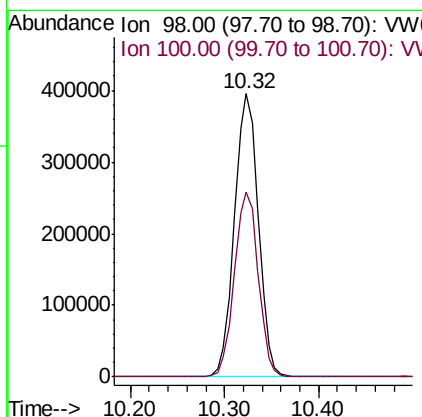
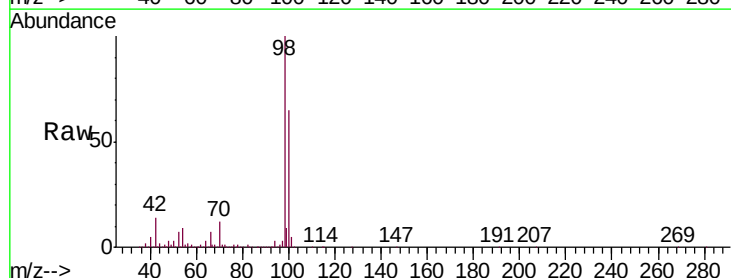
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

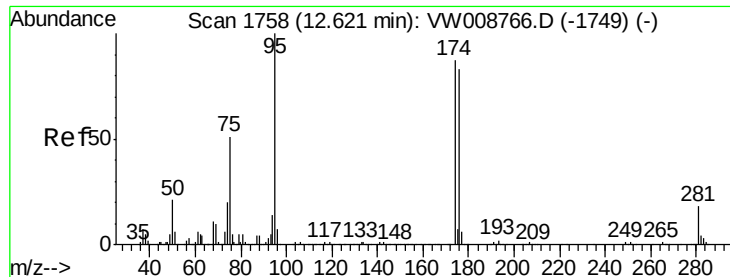
Tgt Ion: 117 Resp: 37527
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.487 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion: 98 Resp: 696490
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 44.390 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

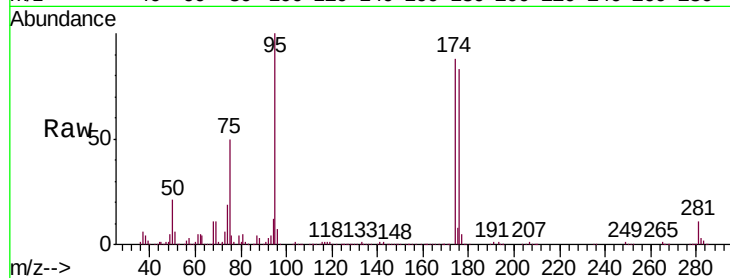
Tgt Ion: 95 Resp: 235117

Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.2

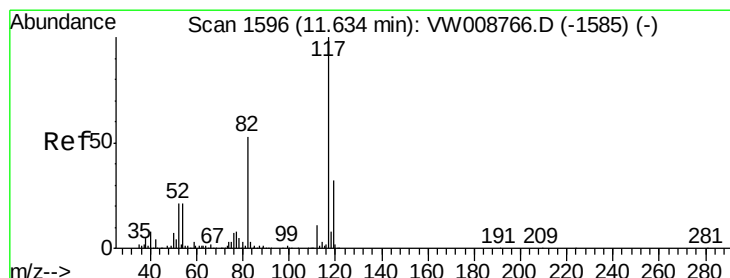
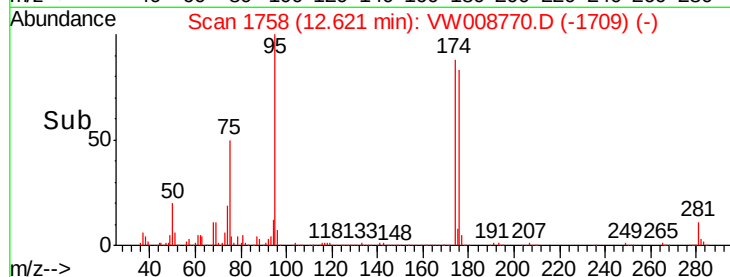
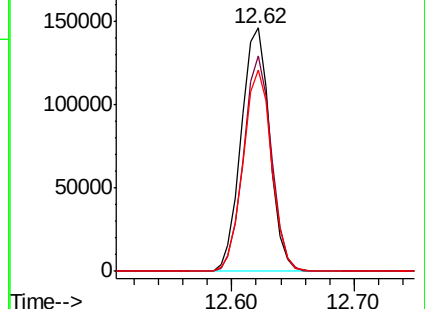
176 82.9 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

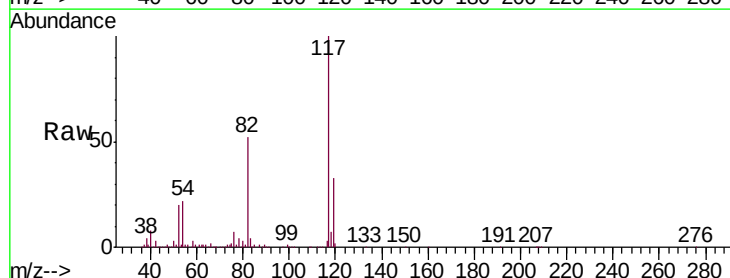
Tgt Ion: 117 Resp: 512021

Ion Ratio Lower Upper

117 100

82 51.7 42.2 63.4

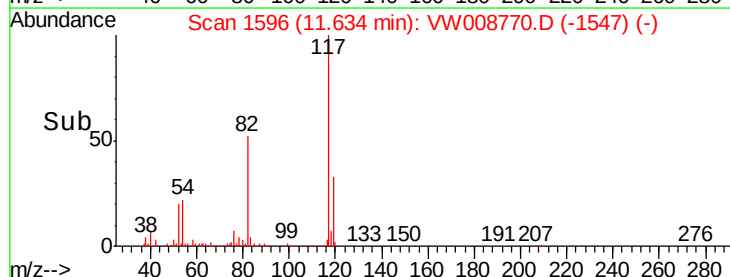
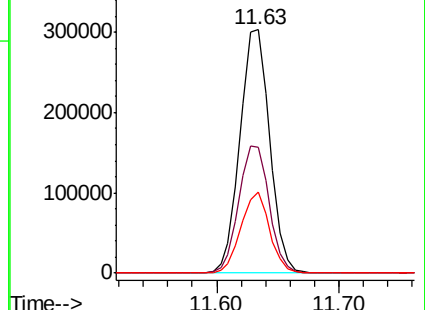
119 33.1 25.9 38.9

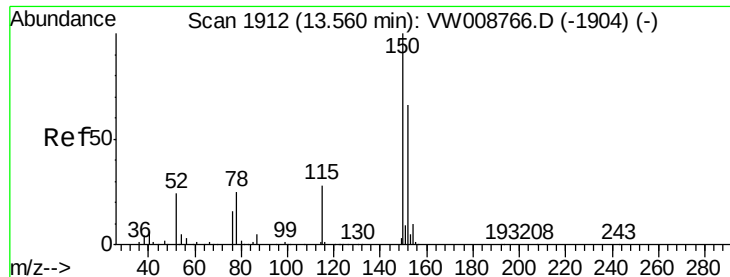


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



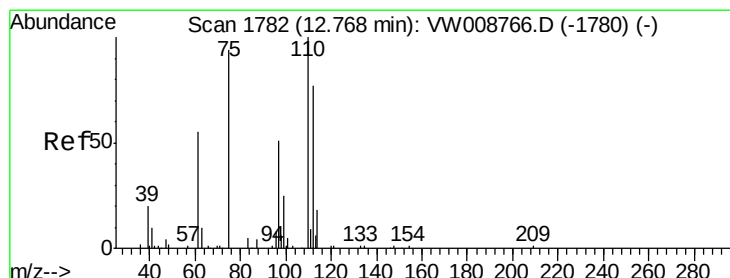
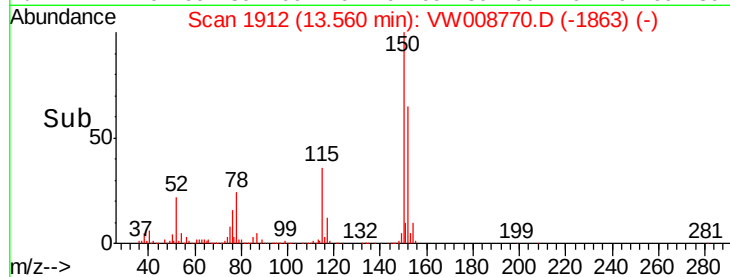
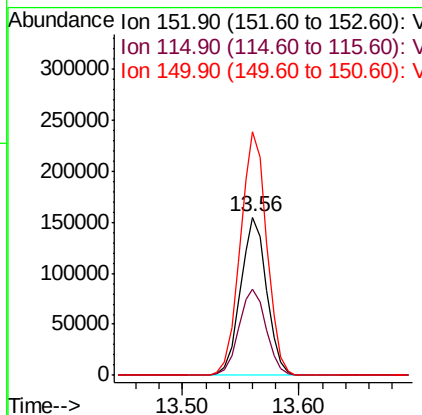
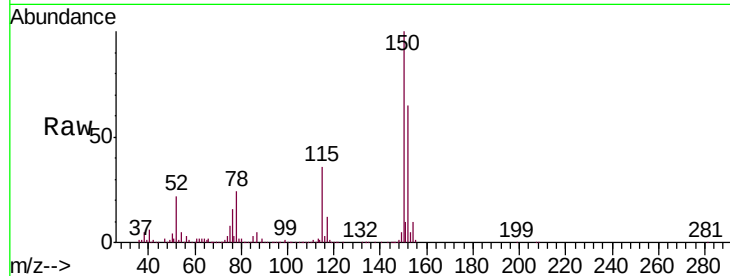


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBL01

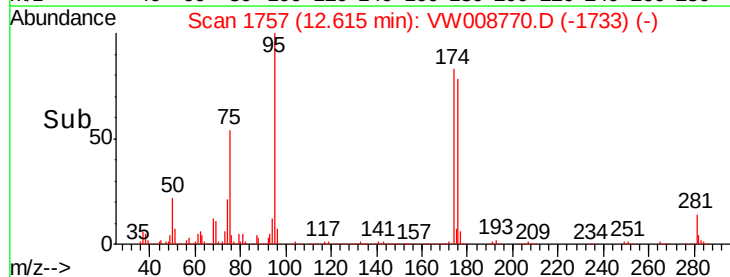
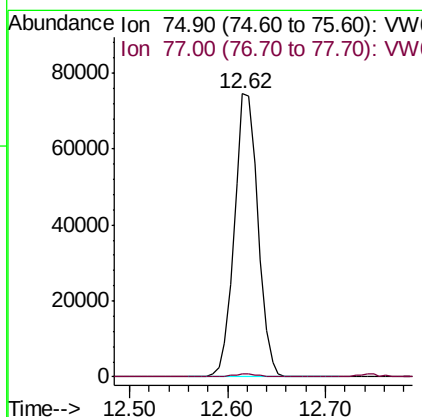
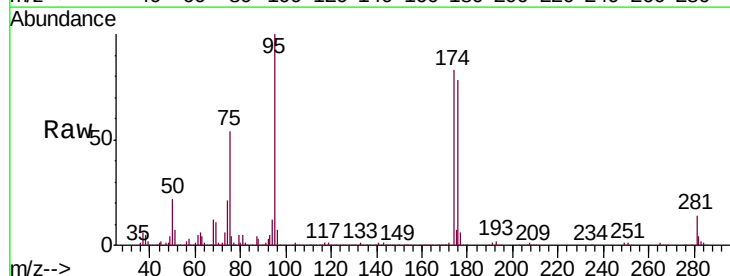
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.6	85.8
150	155.5	0.0	348.0

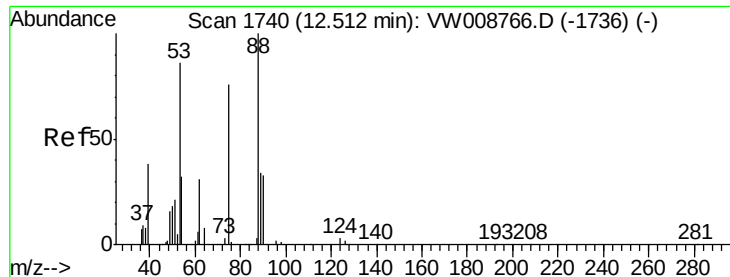


#76

1,2,3-Trichloropropane
Concen: 62.380 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008770.D
Acq: 21 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 151.650 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008770.D

Acq: 21 Feb 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBL01

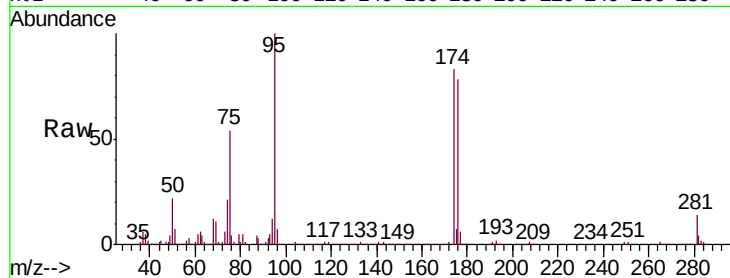
Tgt Ion: 75 Resp: 124532

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.2 39.5 59.3#



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

