

Data File : VW008801.D
Acq On : 25 Feb 2019 12:32
Operator : SY/VA
Sample : VW0225SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBL01

Quant Time: Feb 26 03:40:44 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	371713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	567280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	499289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	234002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	193187	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	7.88	113	175479	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.32	98	665695	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	226761	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds

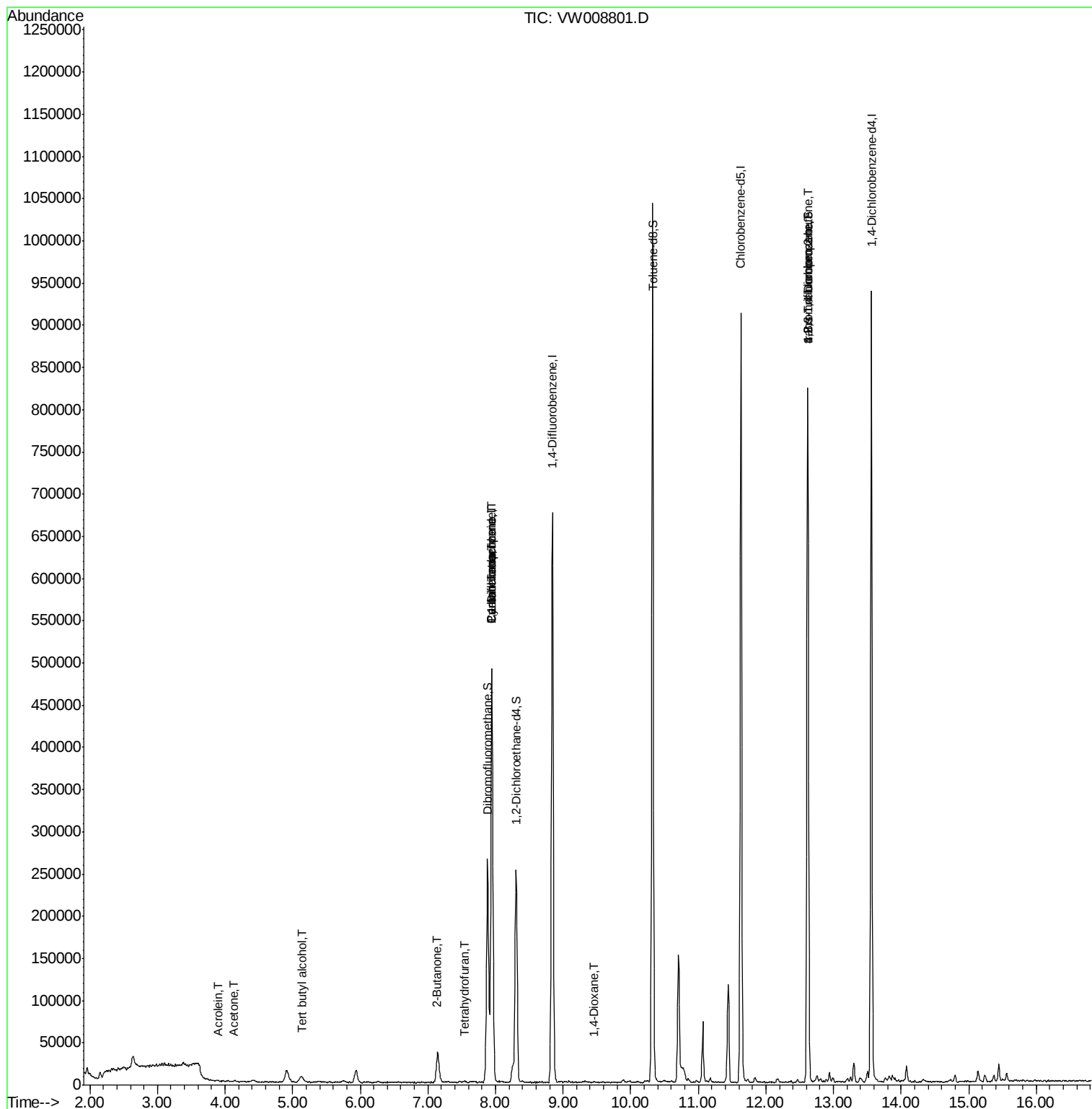
						Qvalue
11) Tert butyl alcohol	5.13	59	7277	23.446	ug/l #	71
13) Acrolein	3.90	56	337	20.728	ug/l #	1
16) Acetone	4.12	43	2829	3.501	ug/l	96
20) Methylene Chloride	4.90	84	9511	Below Cal		94
25) 2-Butanone	7.15	43	3016	2.670	ug/l #	64
29) Tetrahydrofuran	7.54	42	977	1.357	ug/l #	89
31) Cyclohexane	7.95	56	8543	1.300	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	27598	4.998	ug/l #	53
38) Carbon Tetrachloride	7.95	117	35139	6.034	ug/l #	17
49) 1,4-Dioxane	9.44	88	50	1.507	ug/l #	67
76) 1,2,3-Trichloropropane	12.62	75	122794	63.558	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	122794	154.514	ug/l #	6

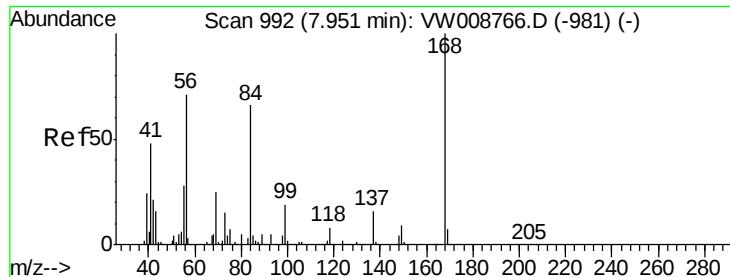
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

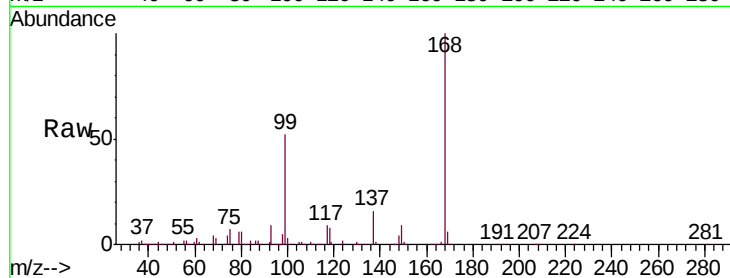
VW0225SBL01

Tgt Ion:168 Resp: 371713

Ion Ratio Lower Upper

168 100

99 52.5 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

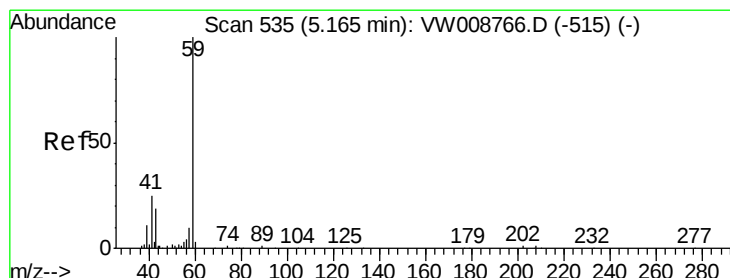
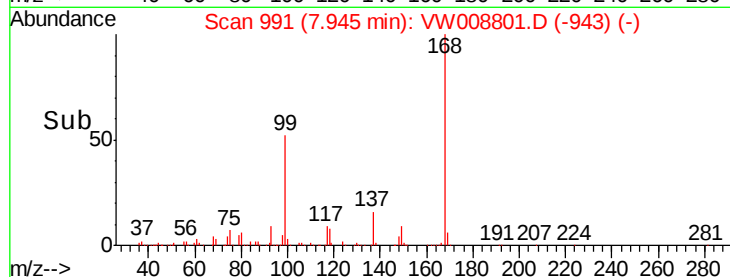
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 23.446 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW008801.D

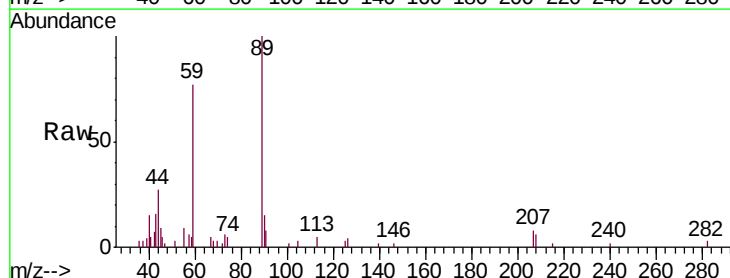
Acq: 25 Feb 2019 12:32

Tgt Ion: 59 Resp: 7277

Ion Ratio Lower Upper

59 100

57 0.5 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

2000

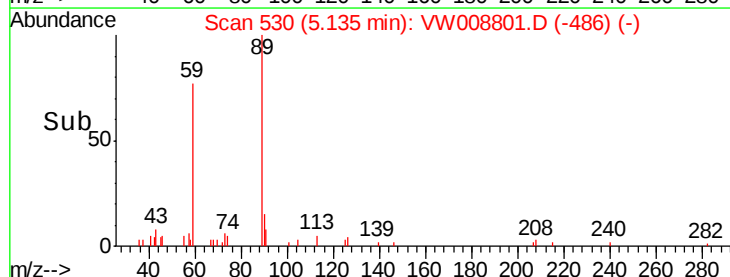
1500

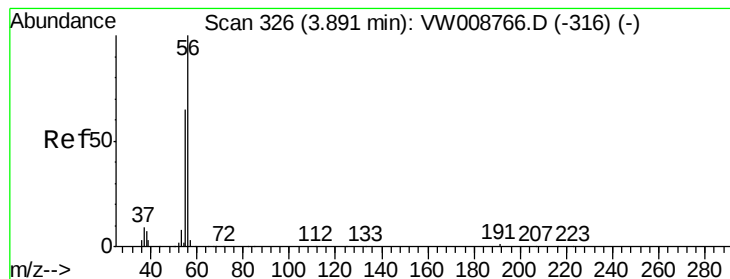
1000

500

0

Time-->





#13

Acrolein

Concen: 20.728 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

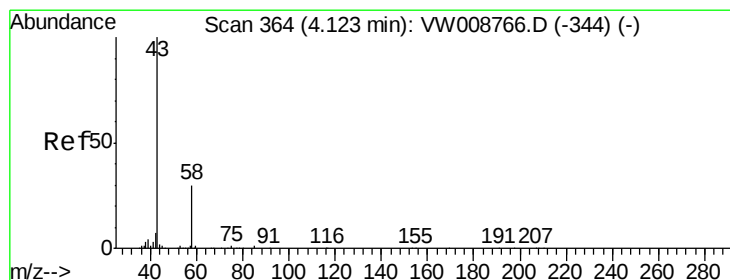
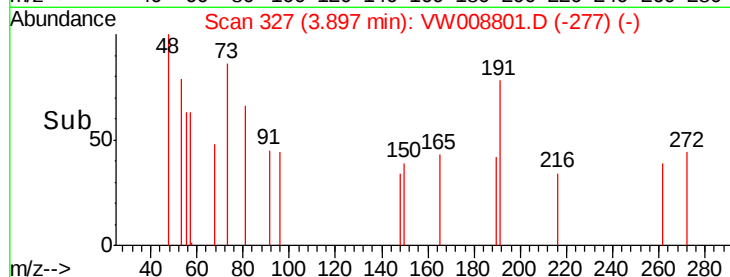
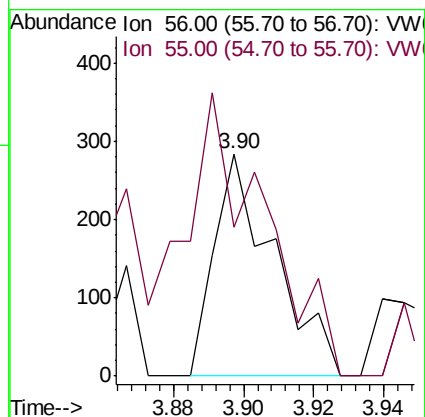
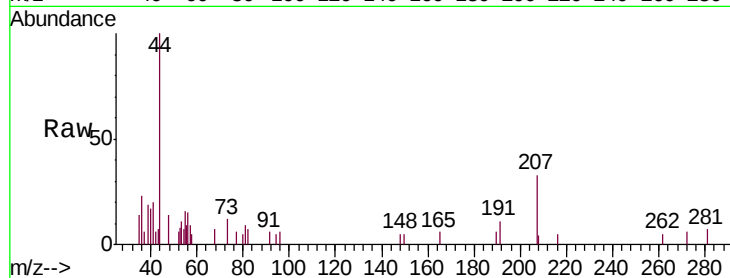
VW0225SBL01

Tgt Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

55 167.1 56.9 85.3#



#16

Acetone

Concen: 3.501 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW008801.D

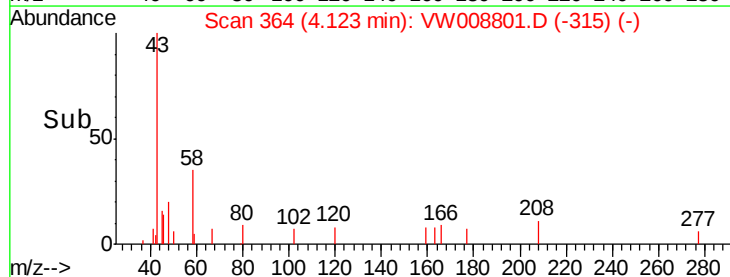
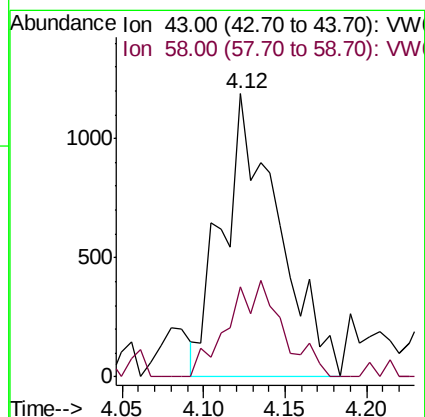
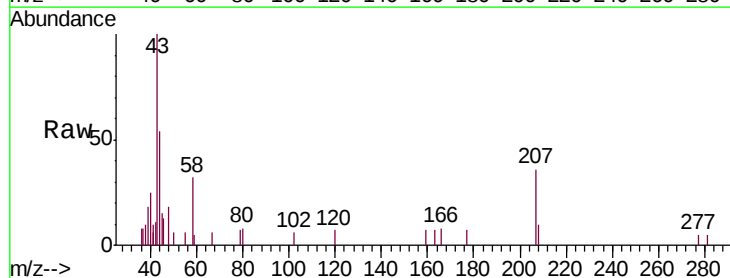
Acq: 25 Feb 2019 12:32

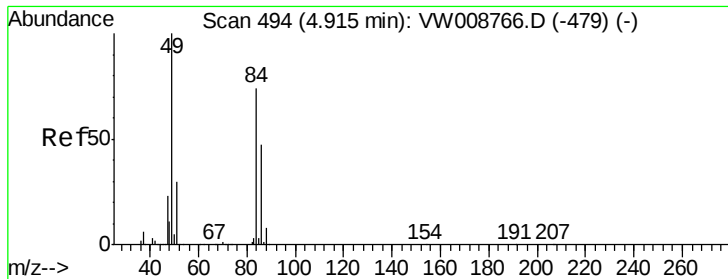
Tgt Ion: 43 Resp: 2829

Ion Ratio Lower Upper

43 100

58 31.6 23.8 35.6

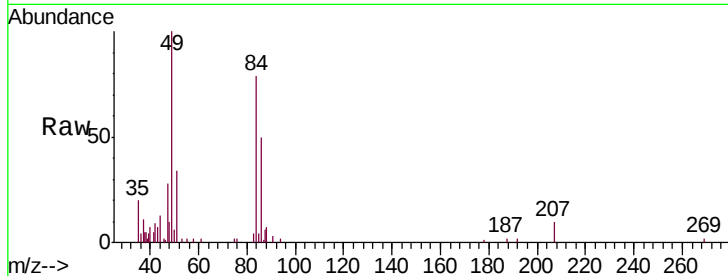




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0225SBL01

Tgt Ion:	84	Resp:	9511
Ion	Ratio	Lower	Upper
84	100		
49	123.9	108.2	162.2
51	42.6	32.7	49.1
86	63.3	50.3	75.5



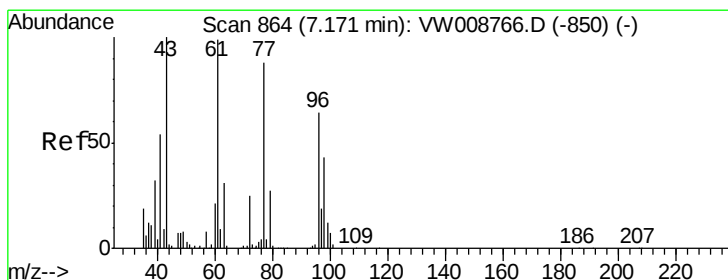
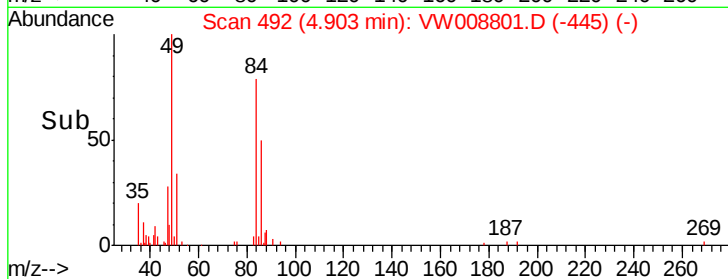
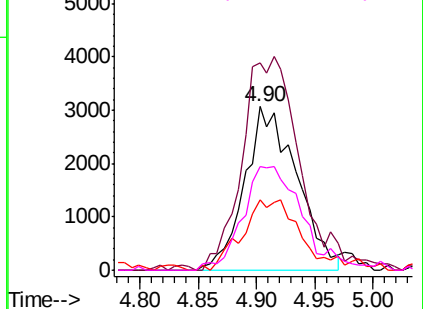
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

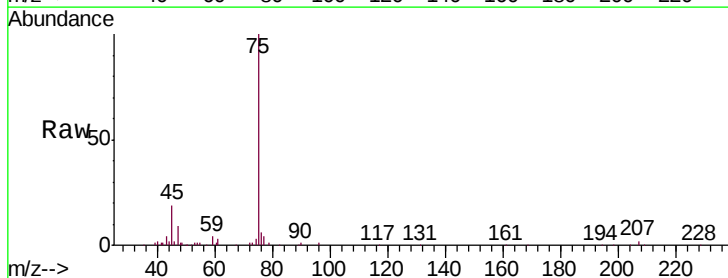
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.670 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

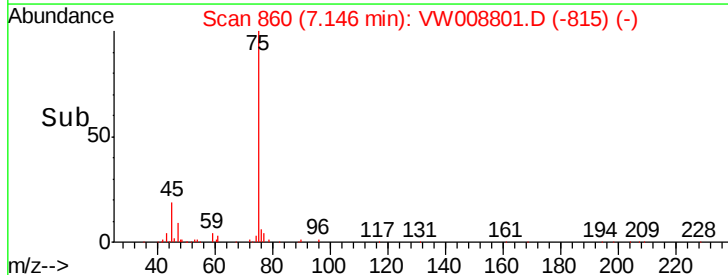
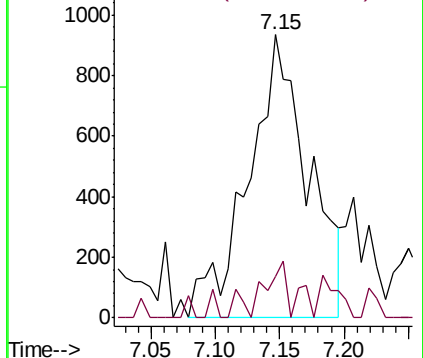
Tgt Ion:	43	Resp:	3016
Ion	Ratio	Lower	Upper
43	100		
72	6.5	19.7	29.5#

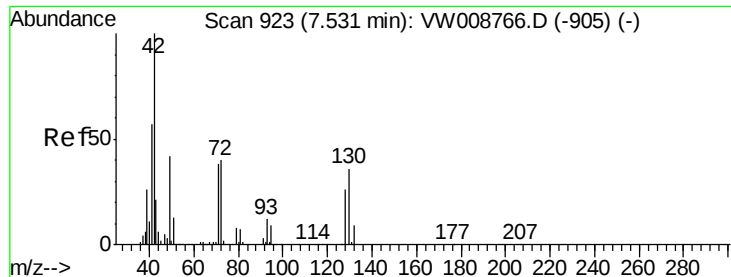


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

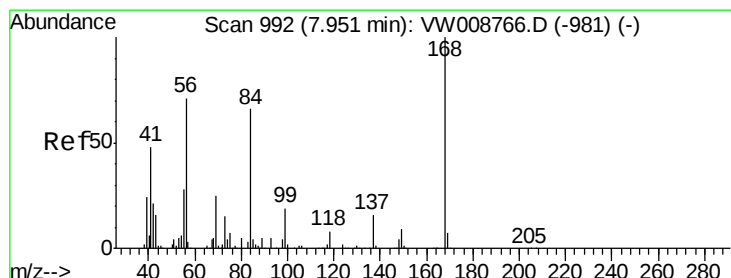
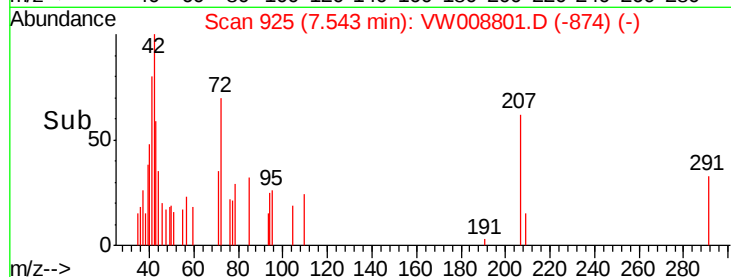
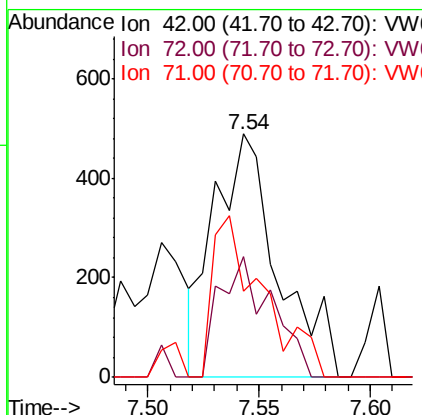
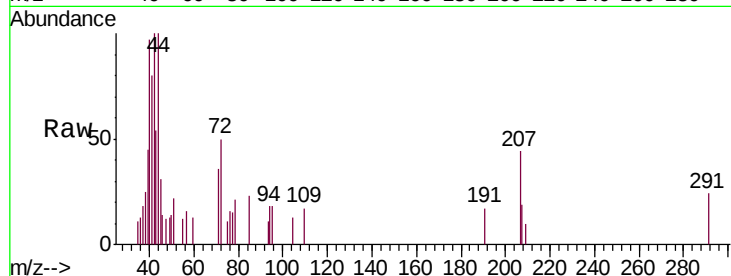




#29
Tetrahydrofuran
Concen: 1.357 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

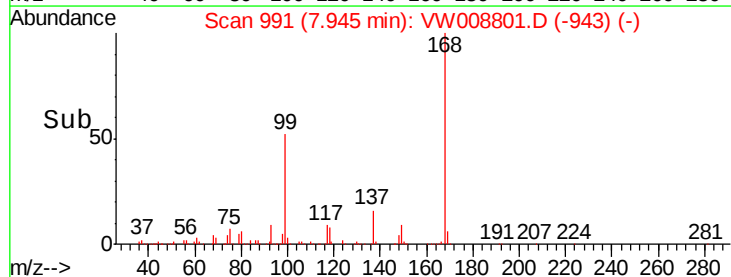
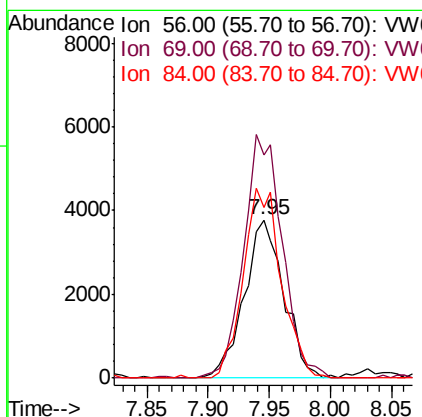
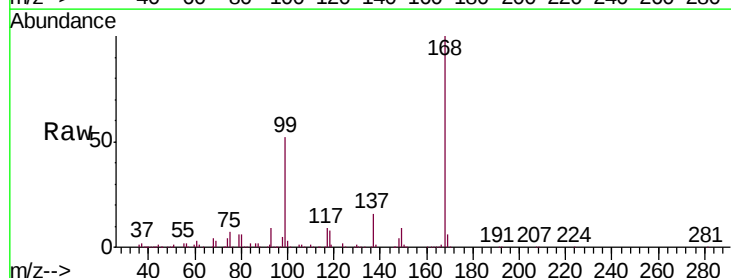
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBL01

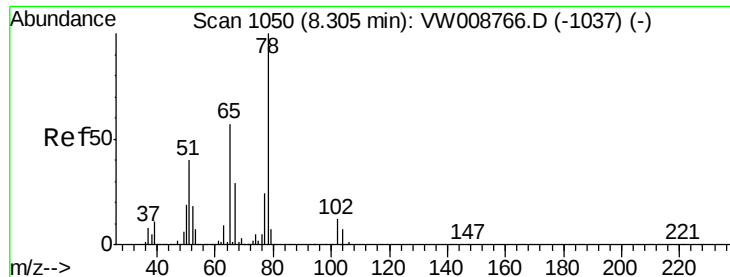
Tgt Ion: 42 Resp: 977
Ion Ratio Lower Upper
42 100
72 40.3 32.7 49.1
71 51.9 31.3 46.9#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

Tgt Ion: 56 Resp: 8543
Ion Ratio Lower Upper
56 100
69 141.1 28.2 42.4#
84 108.1 74.1 111.1

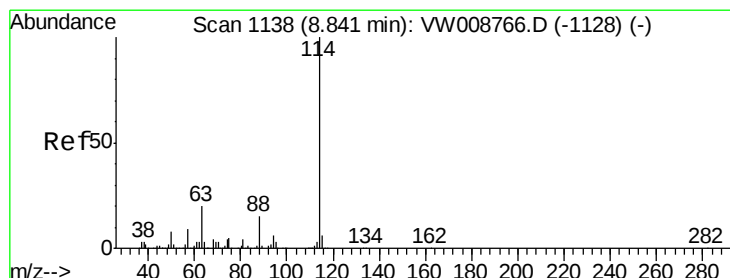
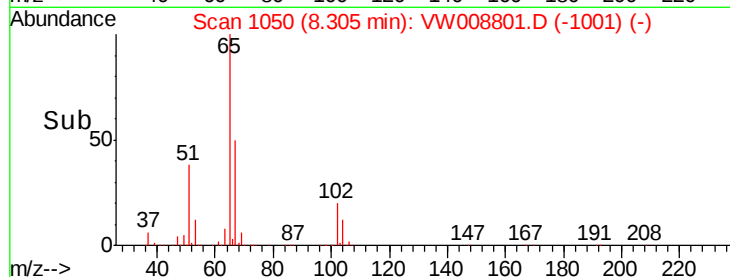
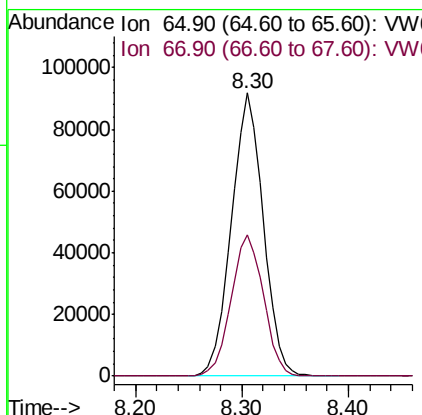
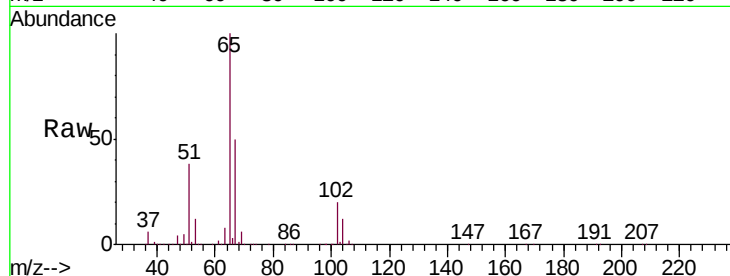




#33
 1,2-Dichloroethane-d4
 Concen: 55.413 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008801.D
 Acq: 25 Feb 2019 12:32

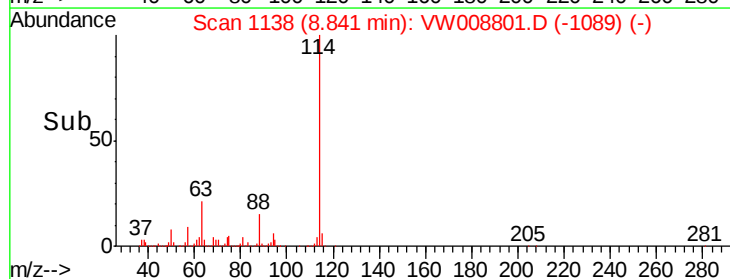
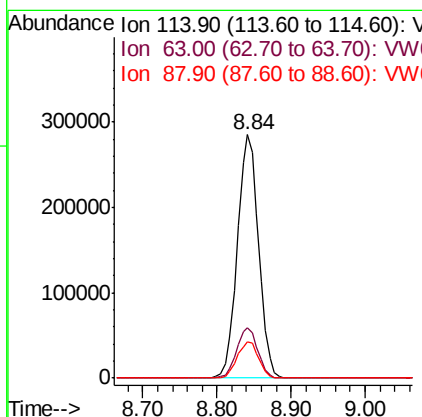
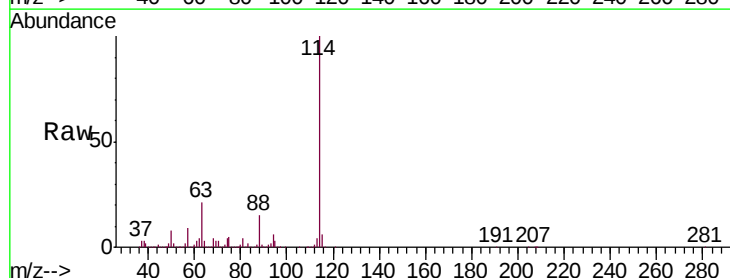
Instrument :
 MSVOA_W
 ClientSampled :
 VW0225SBL01

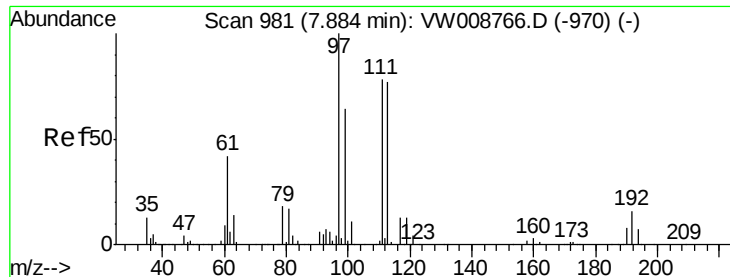
Tgt Ion: 65 Resp: 193187
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008801.D
 Acq: 25 Feb 2019 12:32

Tgt Ion: 114 Resp: 567280
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBL01

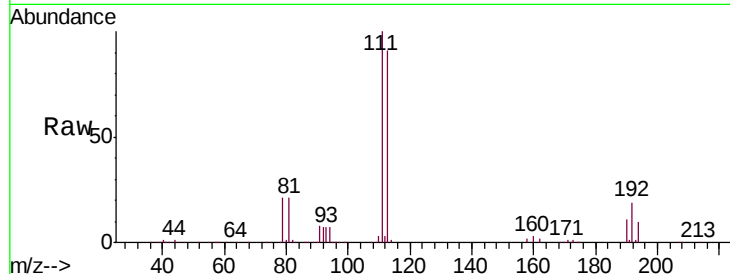
Tgt Ion:113 Resp: 175479

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

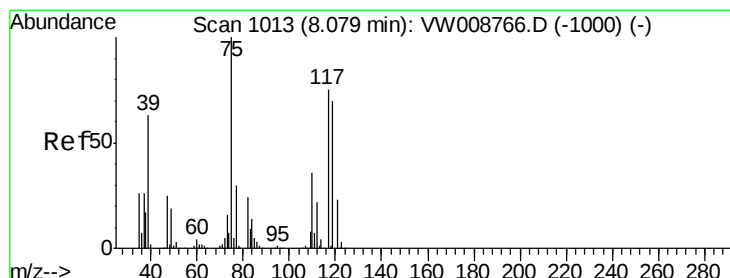
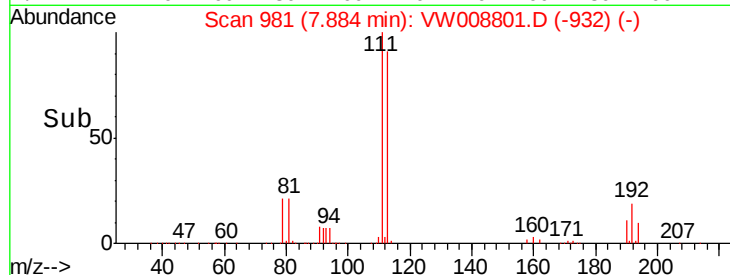
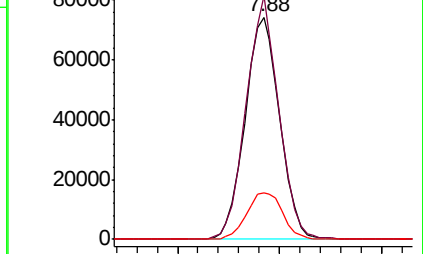
192 21.8 17.1 25.7



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: 4.998 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

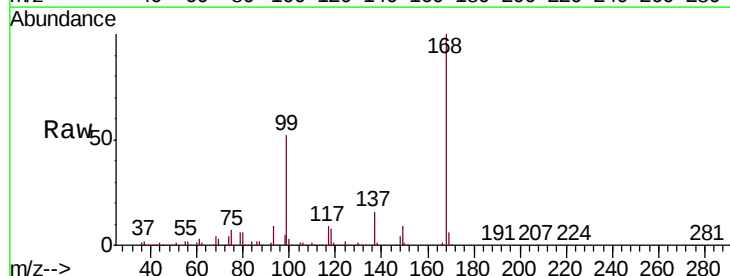
Tgt Ion: 75 Resp: 27598

Ion Ratio Lower Upper

75 100

110 12.0 17.5 52.6#

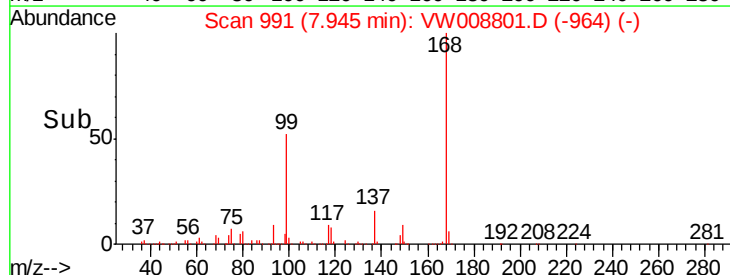
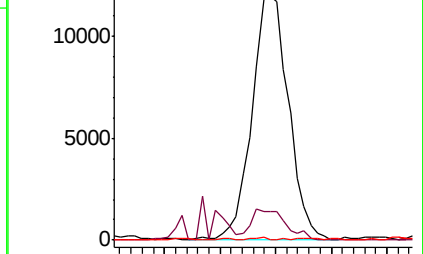
77 0.4 24.5 36.7#

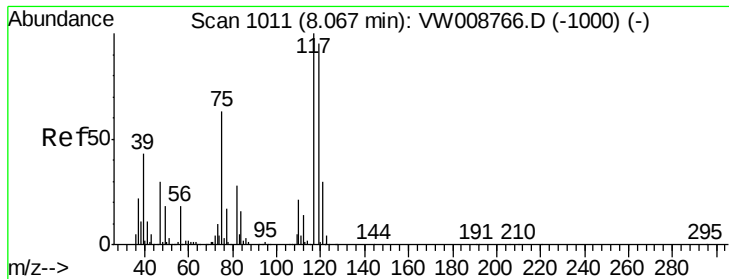


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.034 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0225SBL01

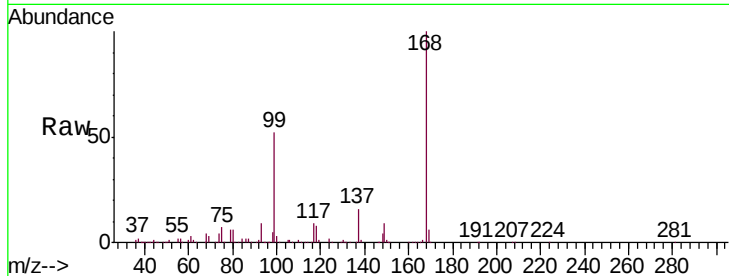
Tgt Ion:117 Resp: 35139

Ion Ratio Lower Upper

117 100

119 6.0 76.1 114.1#

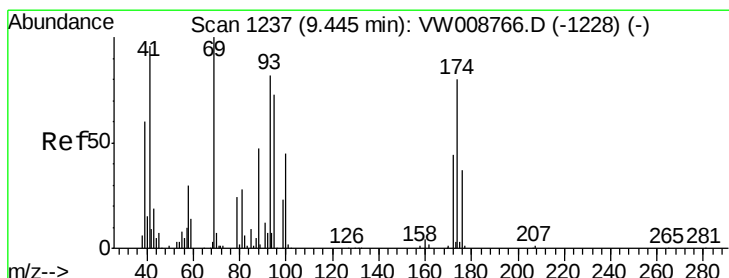
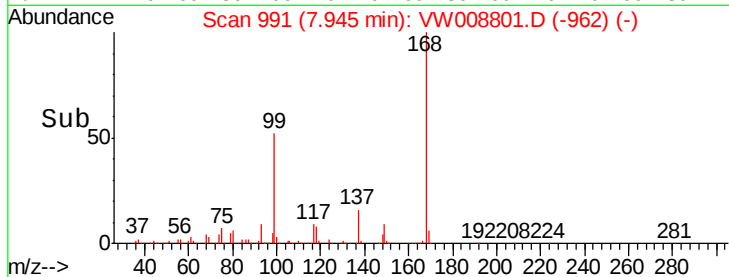
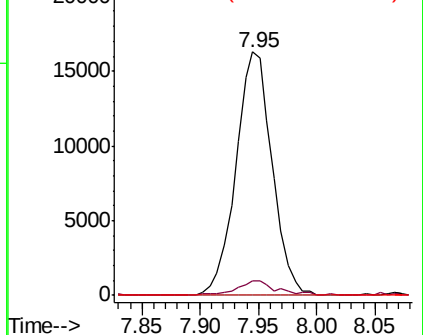
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: 1.507 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

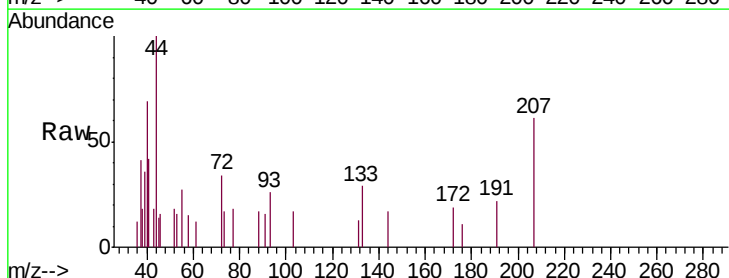
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

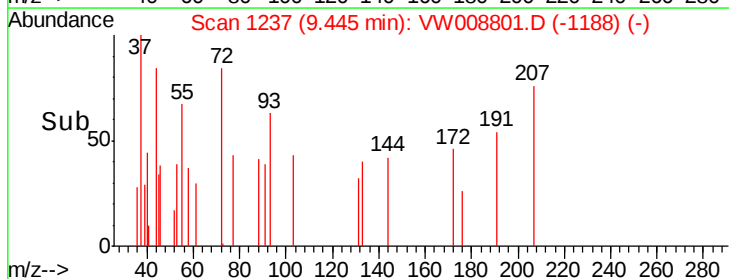
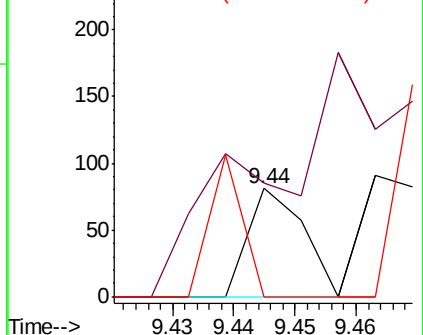
58 78.0 52.0 78.0

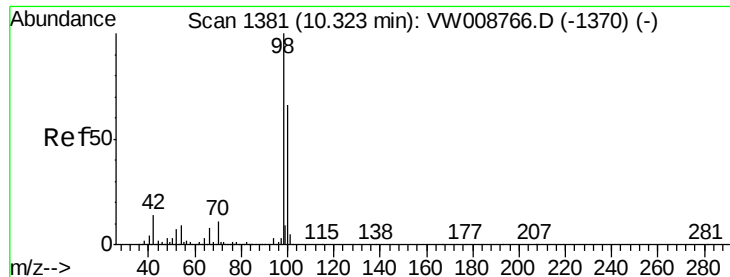


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.630 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

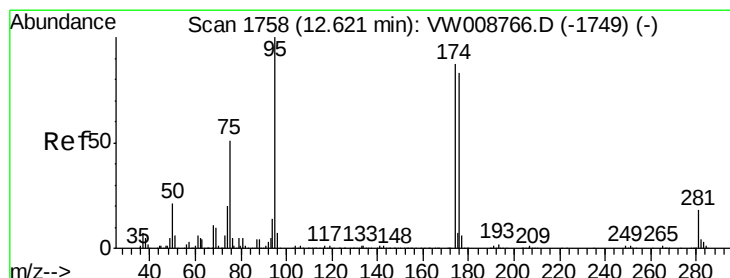
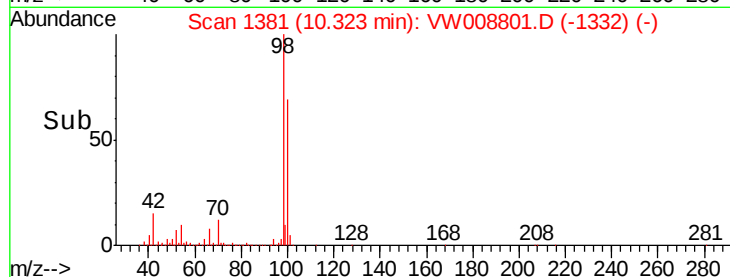
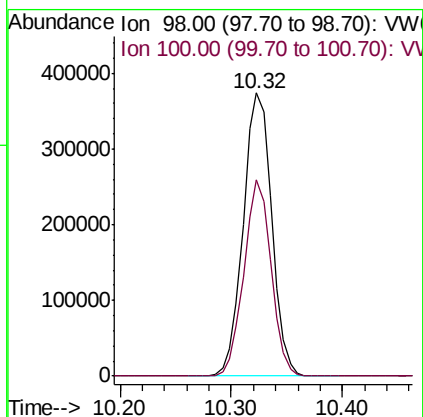
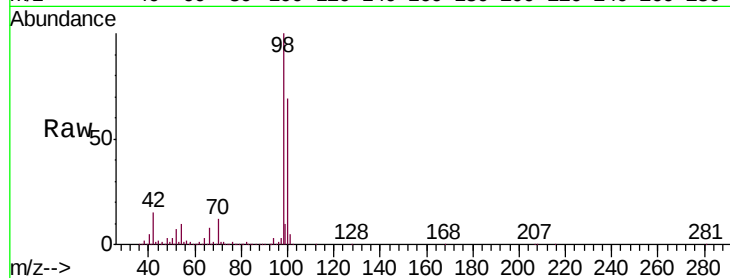
VW0225SBL01

Tgt Ion: 98 Resp: 665695

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.048 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008801.D

Acq: 25 Feb 2019 12:32

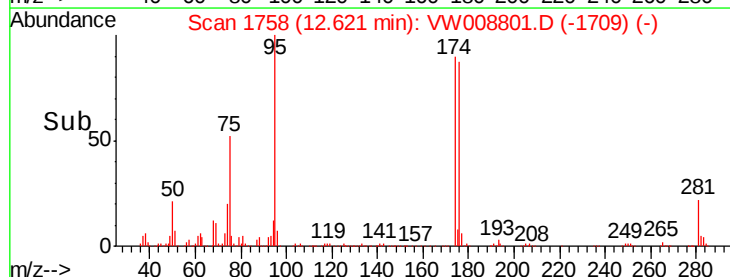
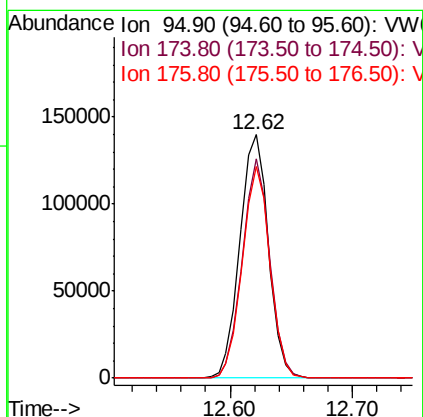
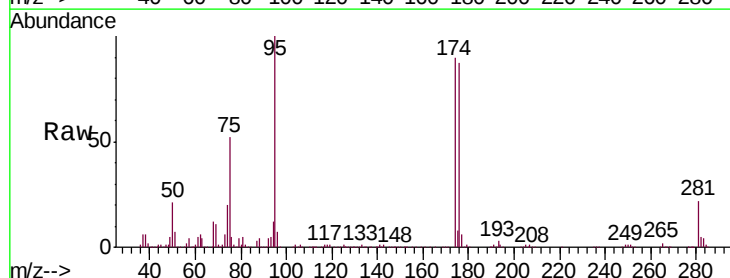
Tgt Ion: 95 Resp: 226761

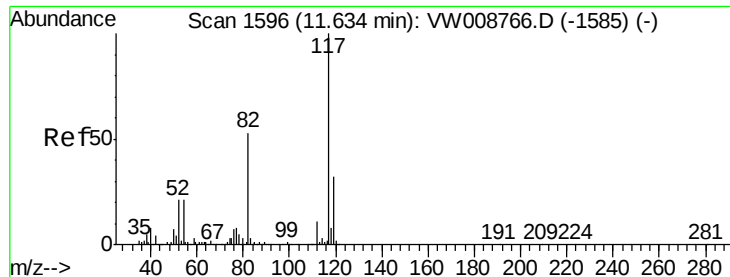
Ion Ratio Lower Upper

95 100

174 87.0 0.0 169.2

176 84.2 0.0 163.6

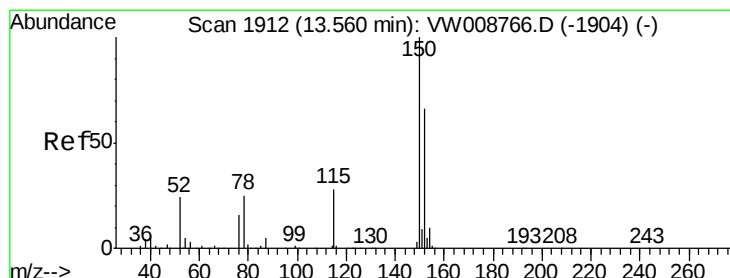
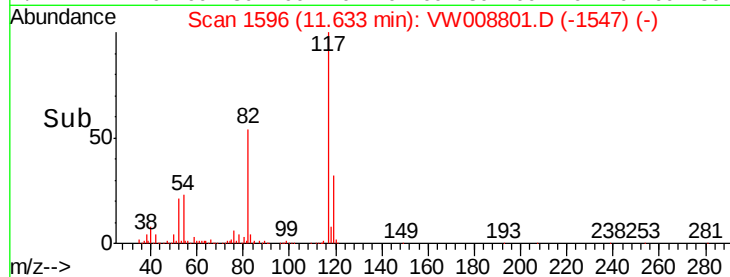
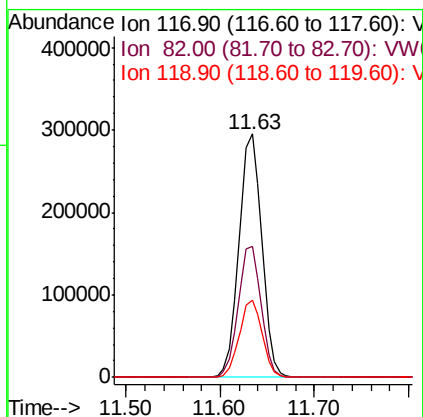
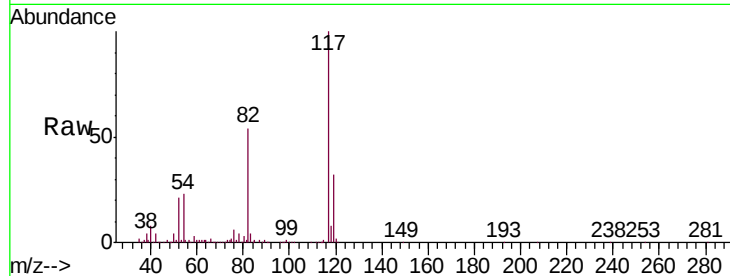




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

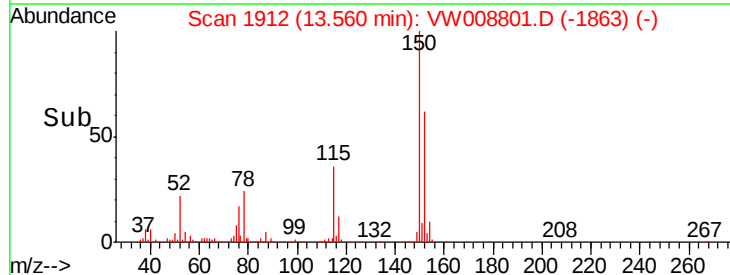
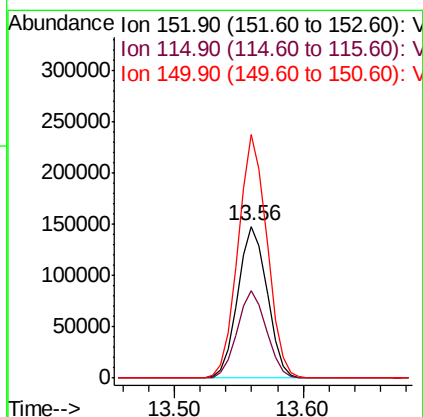
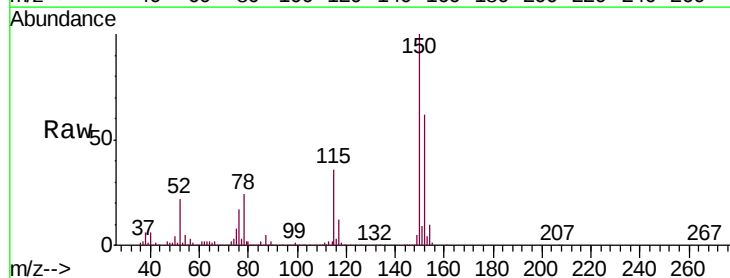
Instrument :
MSVOA_W
ClientSampleId :
VW0225SBL01

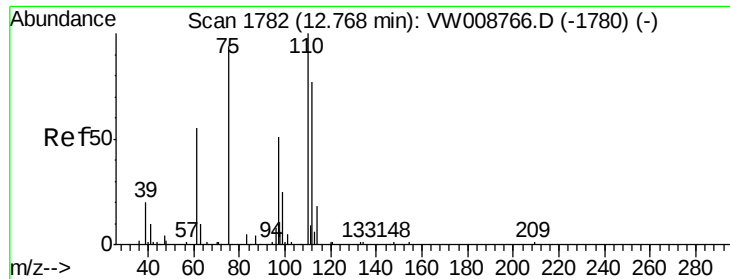
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	31.8	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008801.D
Acq: 25 Feb 2019 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.6	85.8
150	157.8	0.0	348.0

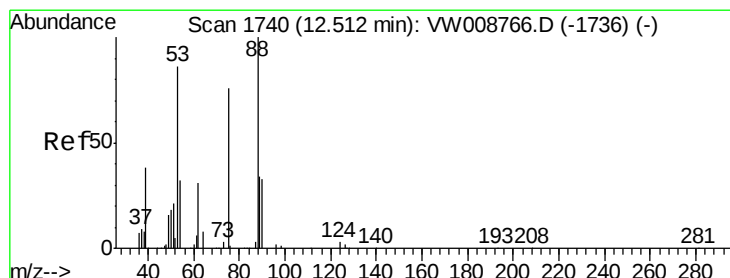
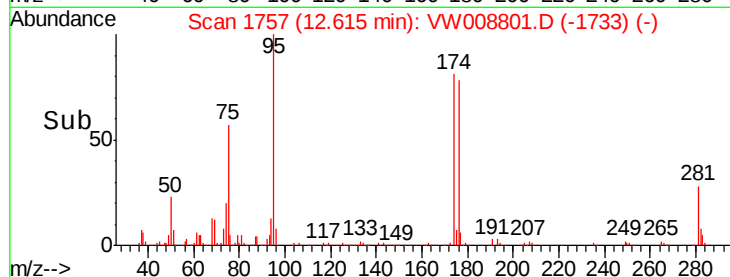
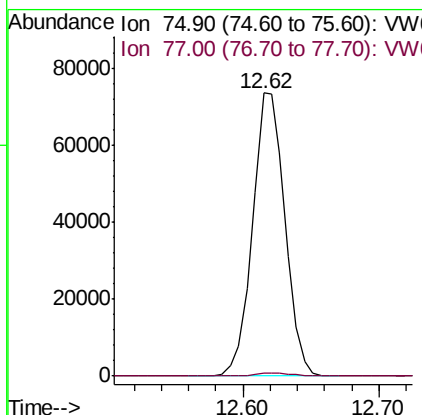
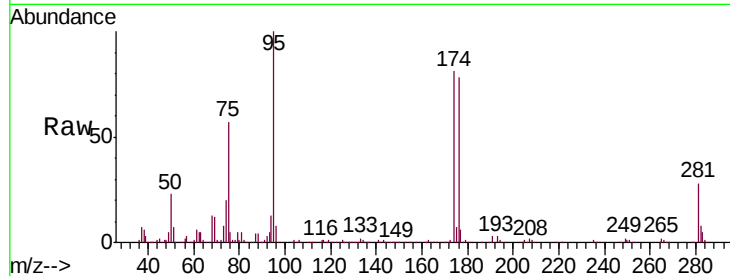




#76
 1,2,3-Trichloropropane
 Concen: 63.558 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008801.D
 Acq: 25 Feb 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBL01

Tgt Ion: 75 Resp: 122794
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.514 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008801.D
 Acq: 25 Feb 2019 12:32

Tgt Ion: 75 Resp: 122794
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.2 132.2#
 89 0.4 39.5 59.3#

