

Data File : VW008522.D
Acq On : 06 Feb 2019 12:47
Operator : SY/VA
Sample : K1383-02
Misc : 6.06G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-4.5-5.0

Quant Time: Feb 07 01:47:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	559980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	897928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	428448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	314867	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
35) Dibromofluoromethane	7.88	113	283423	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	10.32	98	1066662	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.62	95	416939	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

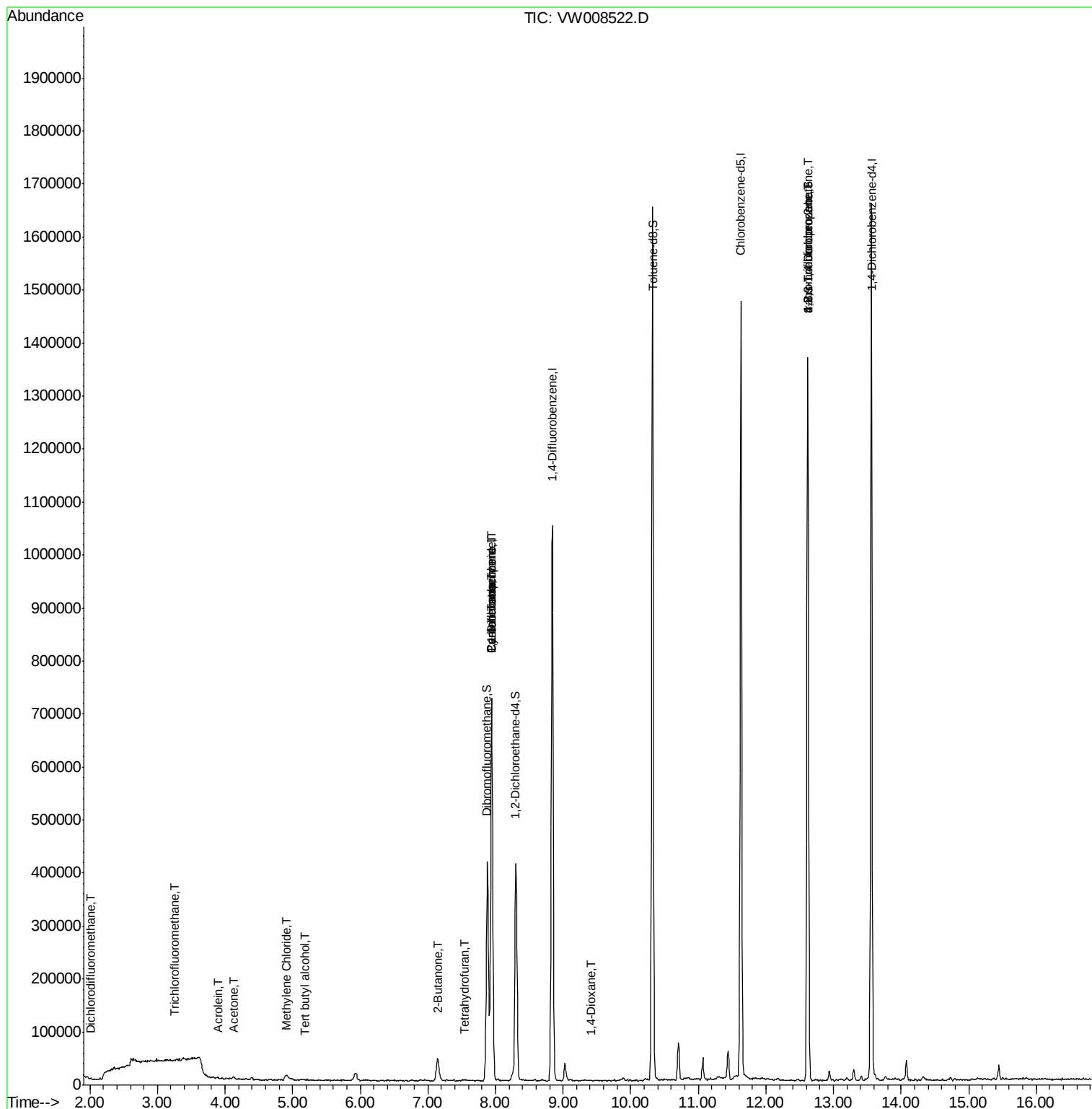
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.02	85	1275	3.621	ug/l #	68
7) Trichlorofluoromethane	3.24	101	89	4.741	ug/l #	17
11) Tert butyl alcohol	5.18	59	583	1.316	ug/l #	1
13) Acrolein	3.88	56	694	5.932	ug/l #	14
16) Acetone	4.12	43	8011	6.485	ug/l	97
20) Methylene Chloride	4.90	84	8585	1.508	ug/l #	90
25) 2-Butanone	7.14	43	4413	2.572	ug/l #	60
29) Tetrahydrofuran	7.54	42	2376	2.185	ug/l #	91
31) Cyclohexane	7.94	56	11316	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	40539	4.779	ug/l #	51
38) Carbon Tetrachloride	7.95	117	52497	6.151	ug/l #	16
49) 1,4-Dioxane	9.41	88	85	1.666	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	210394	56.481	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	210394	111.554	ug/l #	12

(#) = 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# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

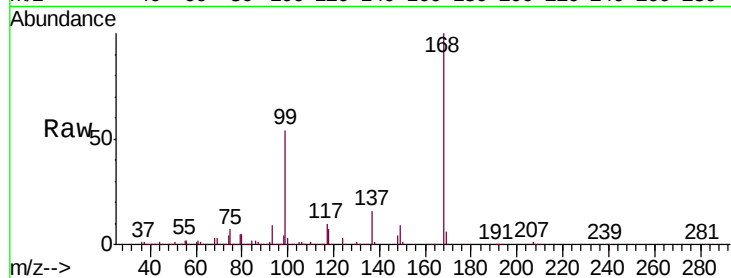
A0C5B-SS1-4.5-5.0

Tgt Ion:168 Resp: 559980

Ion Ratio Lower Upper

168 100

99 53.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

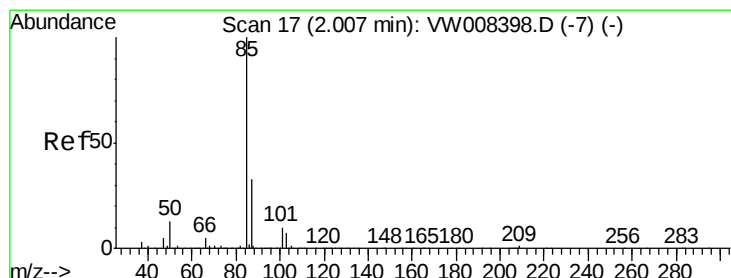
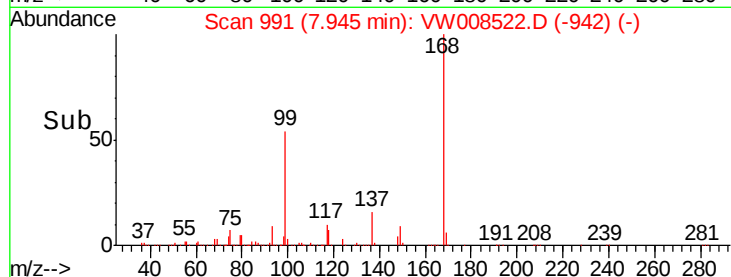
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.621 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008522.D

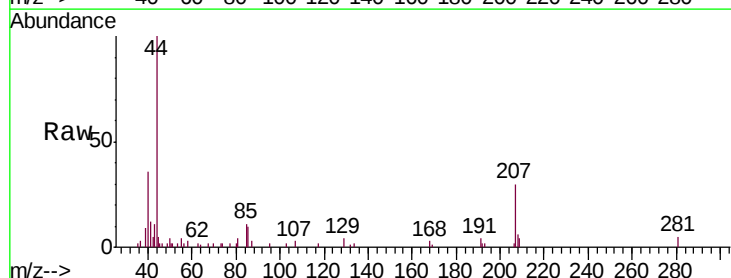
Acq: 06 Feb 2019 12:47

Tgt Ion: 85 Resp: 1275

Ion Ratio Lower Upper

85 100

87 15.4 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

1000

800

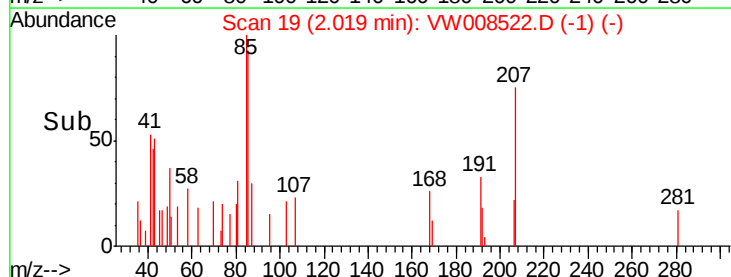
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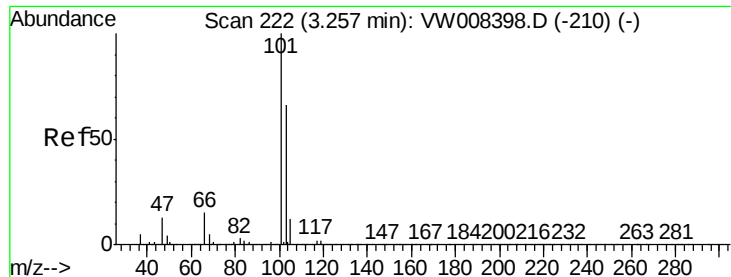
400

200

0

Time-->



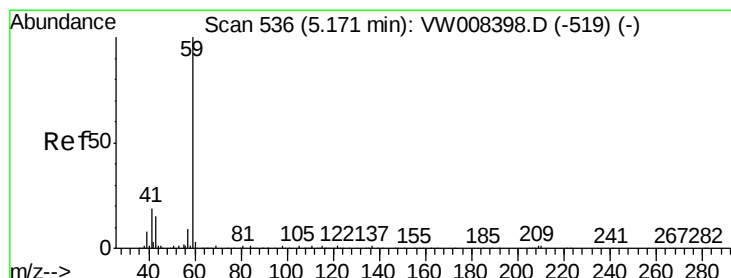
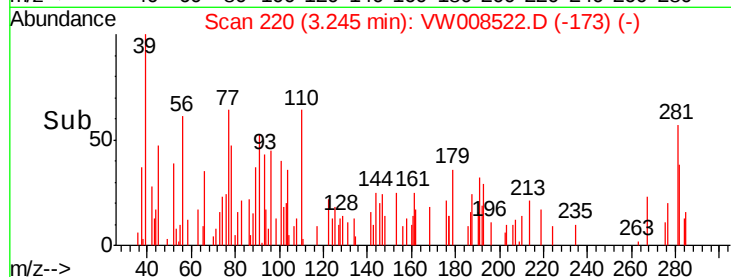
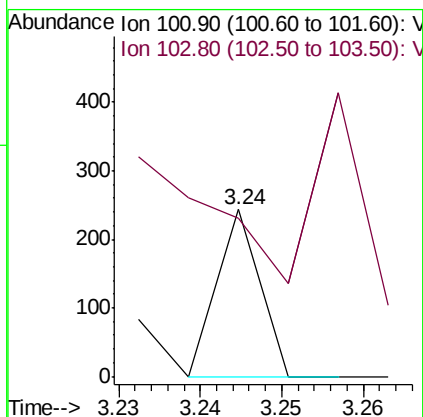
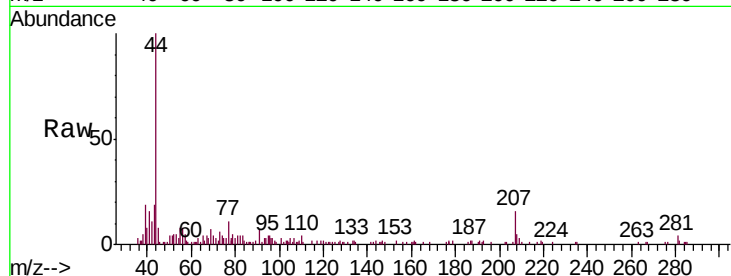


#7

Trichlorofluoromethane
 Concen: 4.741 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW008522.D
 Acq: 06 Feb 2019 12:47

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C5B-SS1-4.5-5.0

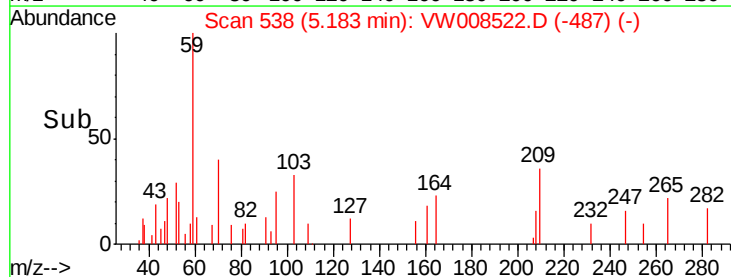
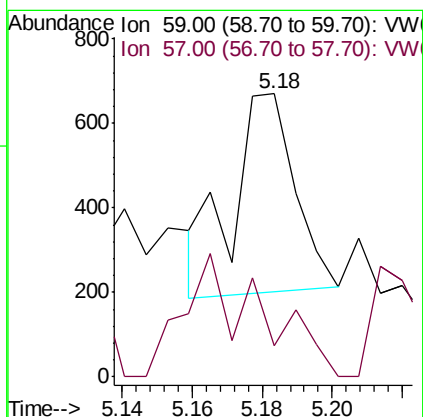
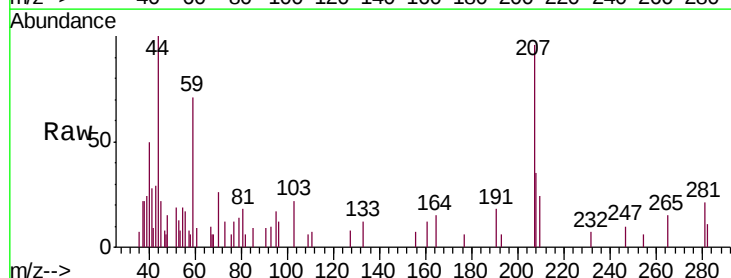
Tgt Ion:101 Resp: 89
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

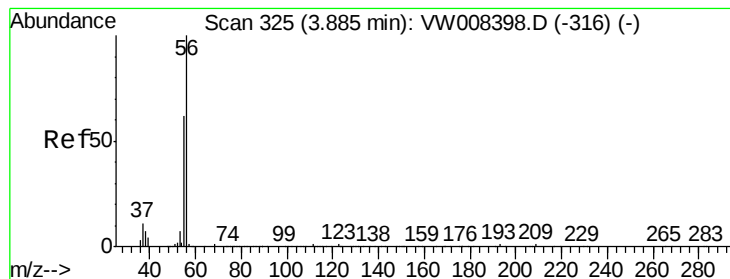


#11

Tert butyl alcohol
 Concen: 1.316 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008522.D
 Acq: 06 Feb 2019 12:47

Tgt Ion: 59 Resp: 583
 Ion Ratio Lower Upper
 59 100
 57 75.6 9.3 13.9#





#13

Acrolein

Concen: 5.932 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

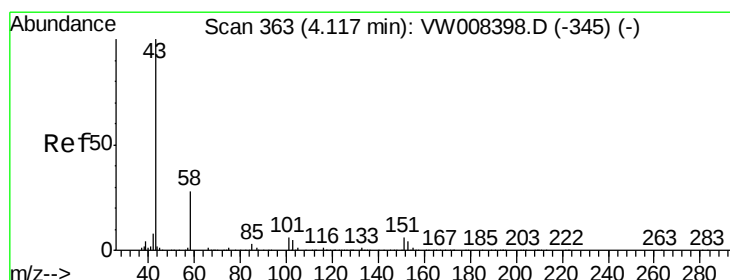
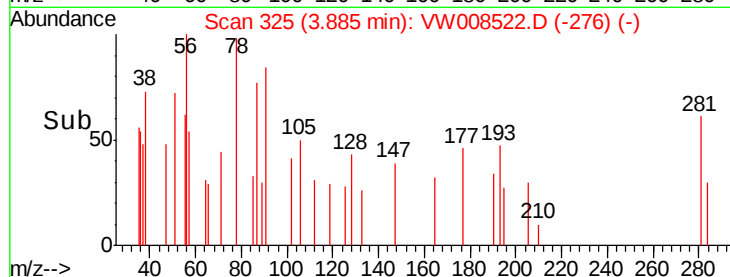
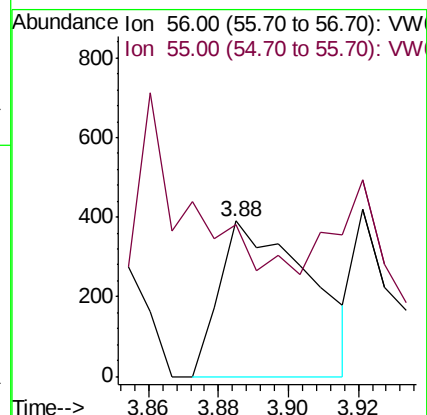
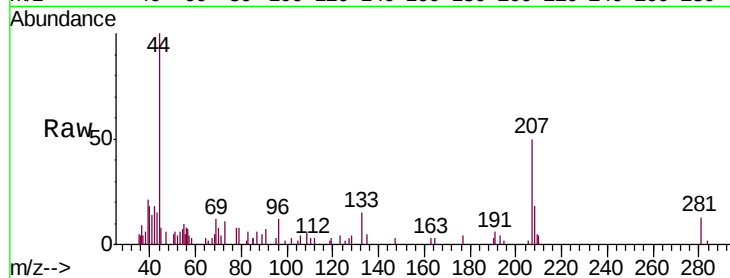
A0C5B-SS1-4.5-5.0

Tgt Ion: 56 Resp: 694

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 6.485 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008522.D

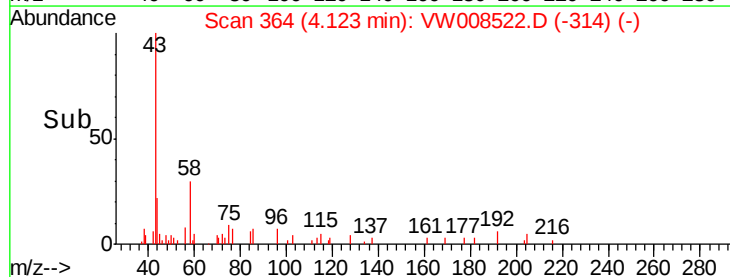
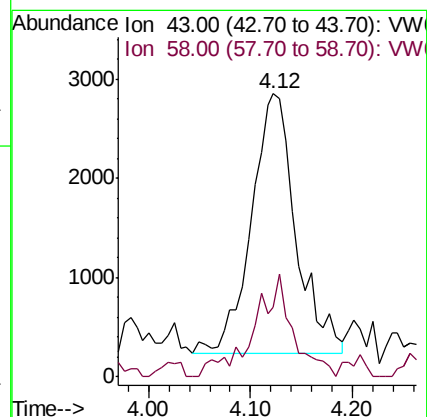
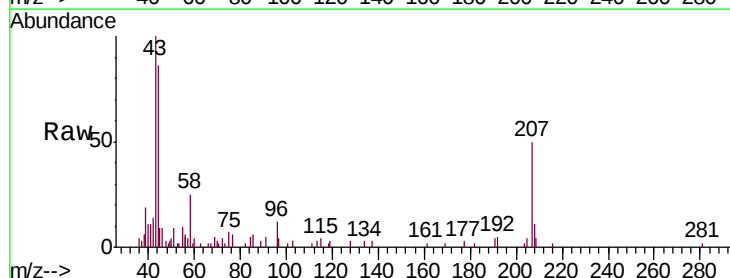
Acq: 06 Feb 2019 12:47

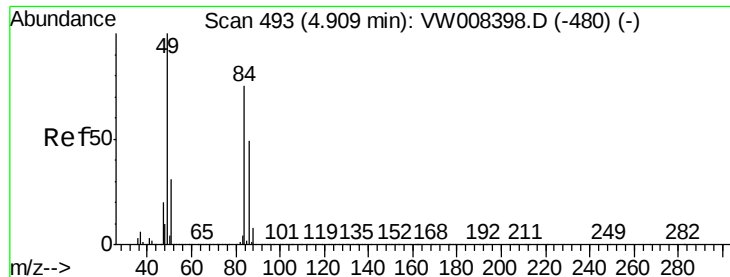
Tgt Ion: 43 Resp: 8011

Ion Ratio Lower Upper

43 100

58 26.8 22.6 34.0

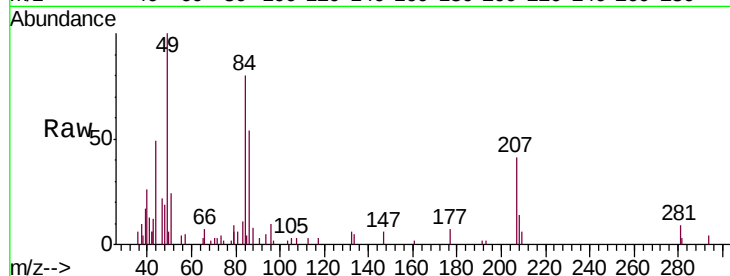




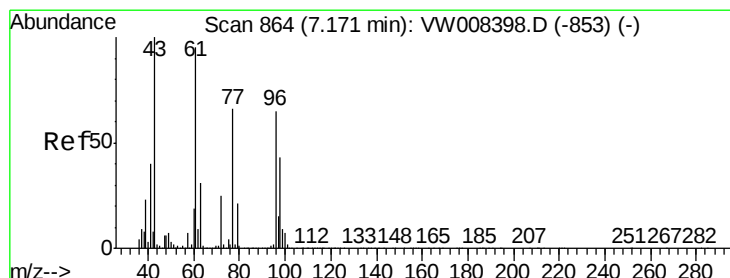
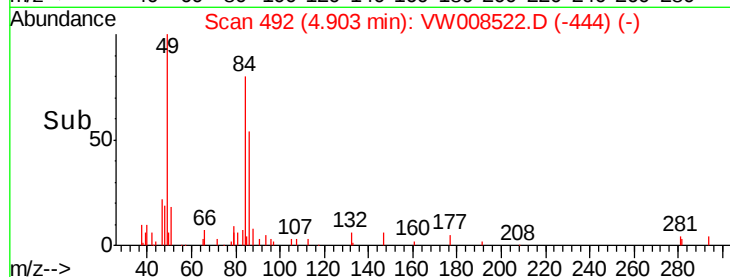
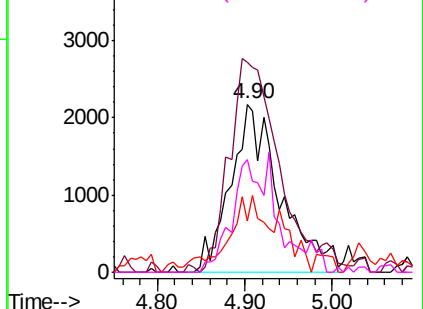
#20
Methylene Chloride
Concen: 1.508 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008522.D
Acq: 06 Feb 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-4.5-5.0

Tgt Ion: 84 Resp: 8585
Ion Ratio Lower Upper
84 100
49 120.8 106.8 160.2
51 30.4 32.9 49.3#
86 67.5 52.2 78.2

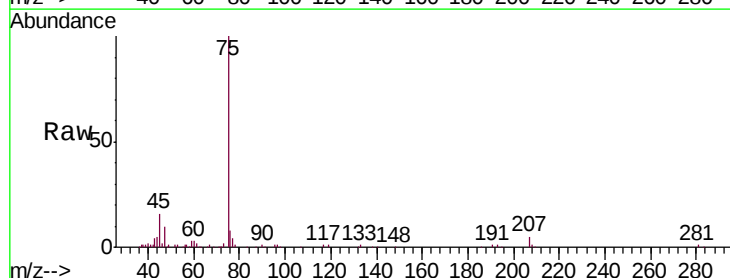


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

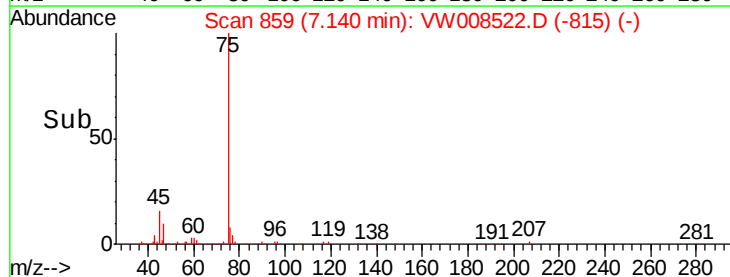
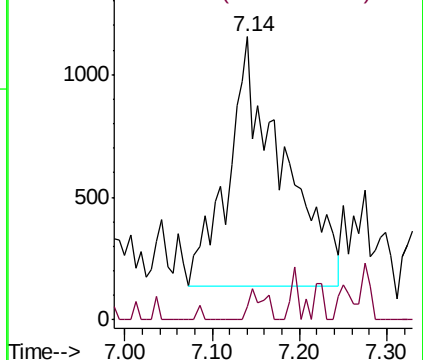


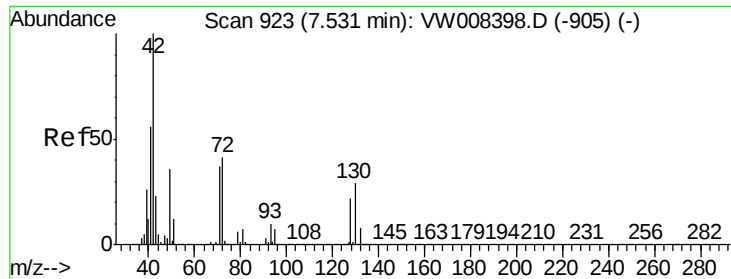
#25
2-Butanone
Concen: 2.572 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW008522.D
Acq: 06 Feb 2019 12:47

Tgt Ion: 43 Resp: 4413
Ion Ratio Lower Upper
43 100
72 5.1 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

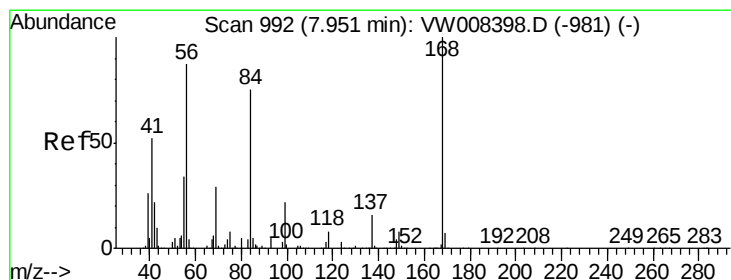
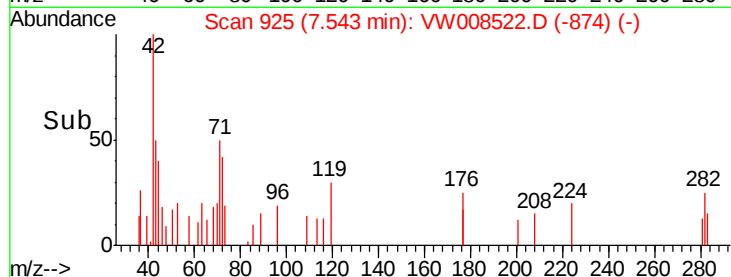
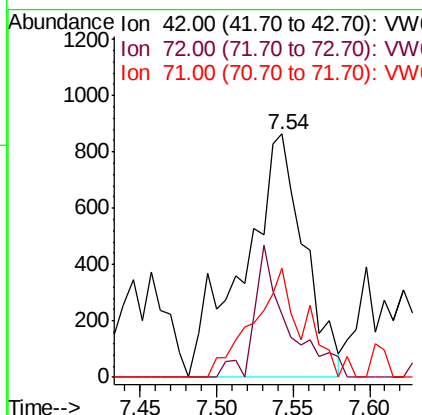
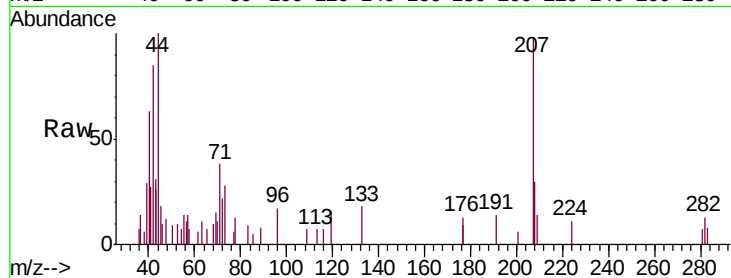




#29
Tetrahydrofuran
Concen: 2.185 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008522.D
Acq: 06 Feb 2019 12:47

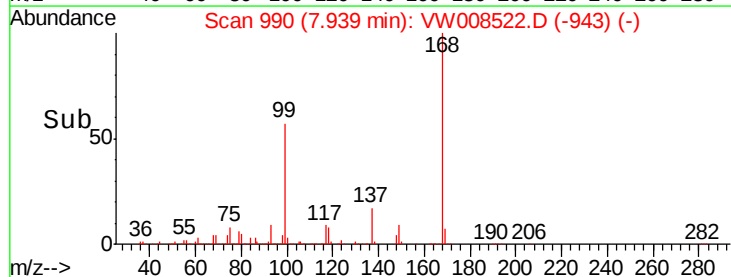
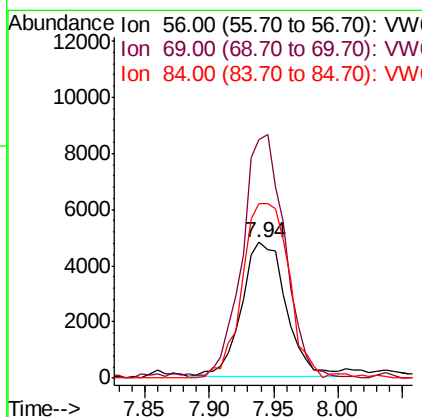
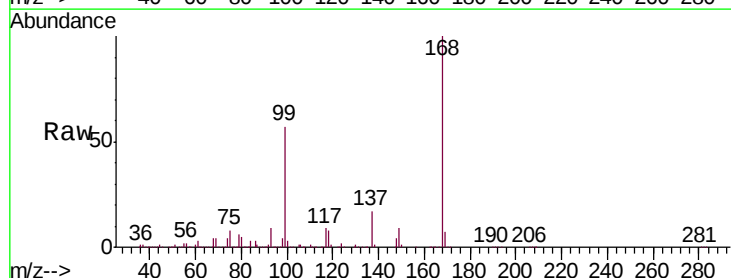
Instrument :
MSVOA_W
ClientSampleId :
A0C5B-SS1-4.5-5.0

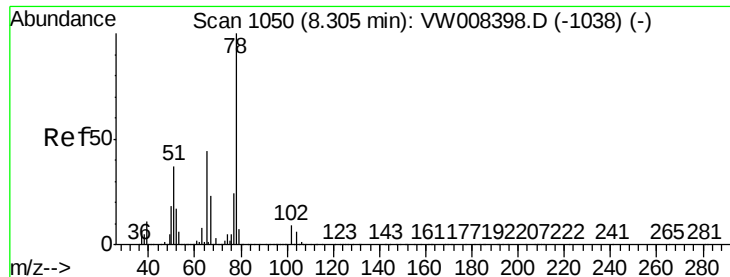
Tgt Ion: 42 Resp: 2376
Ion Ratio Lower Upper
42 100
72 30.1 31.9 47.9#
71 37.9 29.9 44.9



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008522.D
Acq: 06 Feb 2019 12:47

Tgt Ion: 56 Resp: 11316
Ion Ratio Lower Upper
56 100
69 177.1 26.4 39.6#
84 130.2 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 57.235 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

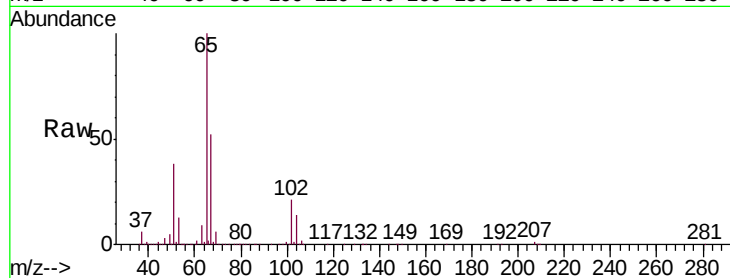
A0C5B-SS1-4.5-5.0

Tgt Ion: 65 Resp: 314867

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

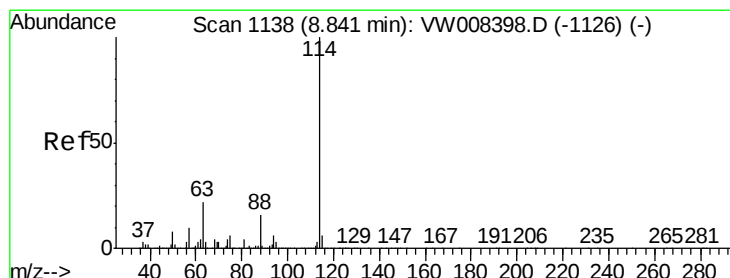
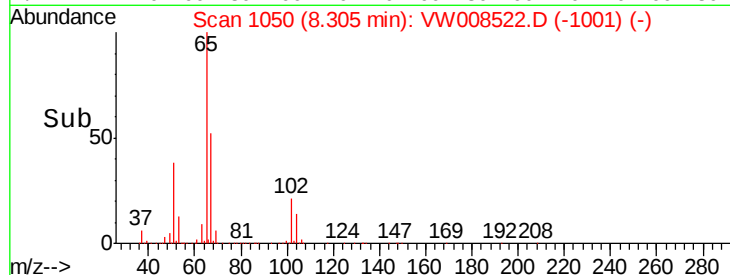
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

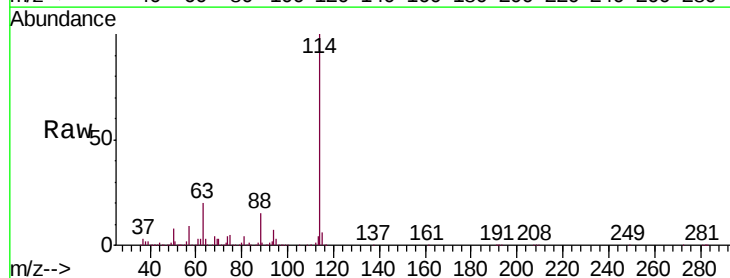
Tgt Ion: 114 Resp: 897928

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.6

88 15.5 0.0 31.8



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

8.84

600000

500000

400000

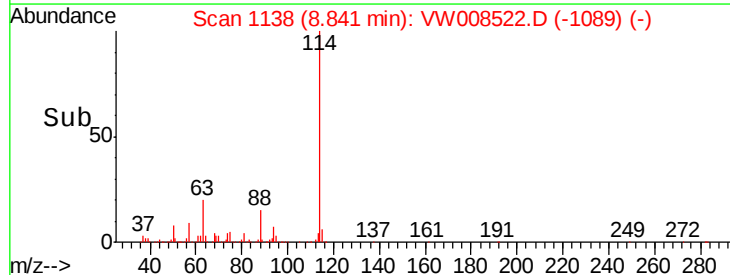
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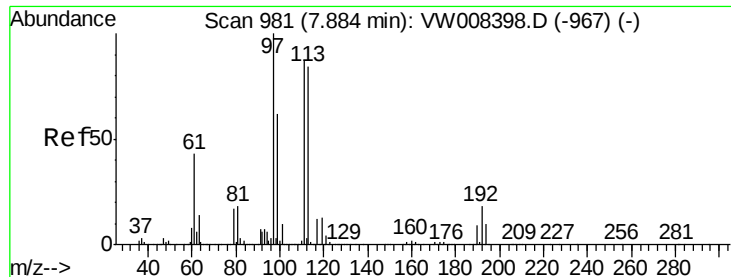
200000

100000

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Time-->





#35

Dibromofluoromethane

Concen: 53.980 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

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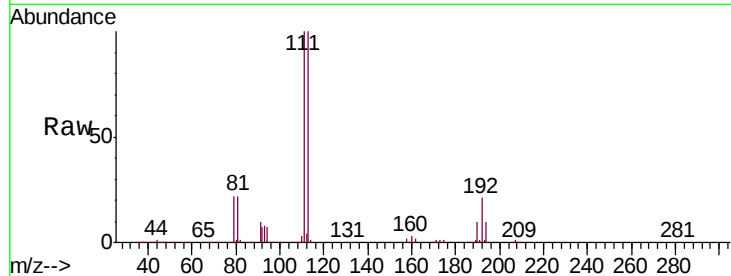
Tgt Ion:113 Resp: 283423

Ion Ratio Lower Upper

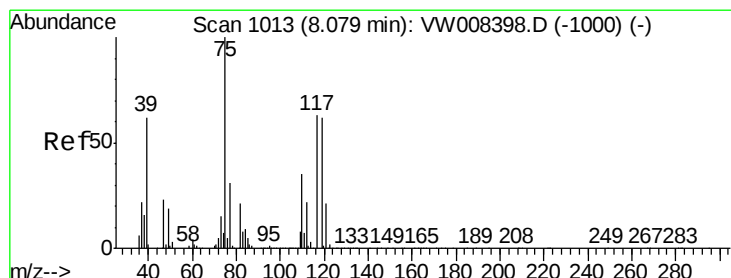
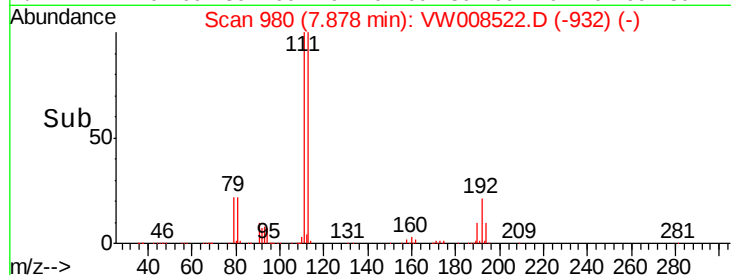
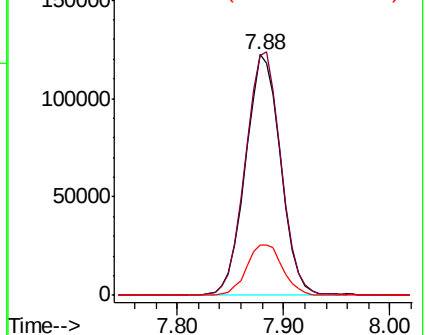
113 100

111 102.9 81.0 121.4

192 21.8 16.8 25.2



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: 4.779 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

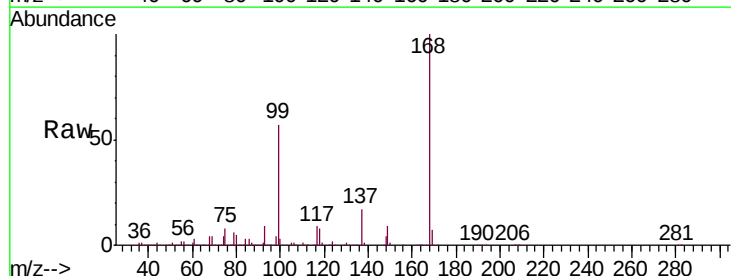
Tgt Ion: 75 Resp: 40539

Ion Ratio Lower Upper

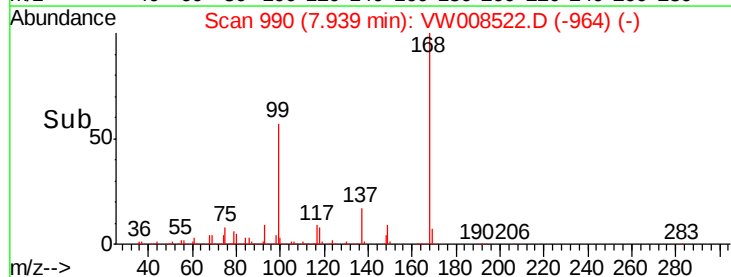
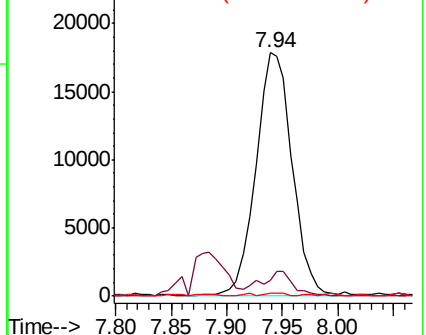
75 100

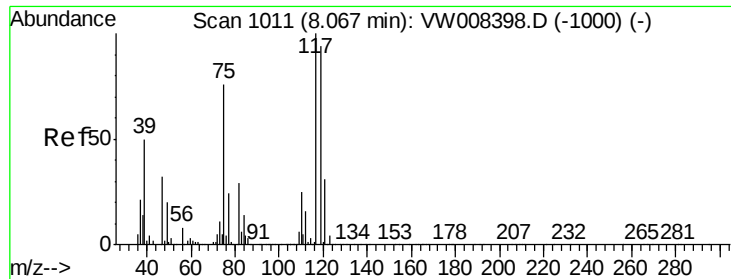
110 9.1 17.3 52.0#

77 0.7 24.7 37.1#



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: 6.151 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

Instrument :

MSVOA_W

ClientSampleId :

A0C5B-SS1-4.5-5.0

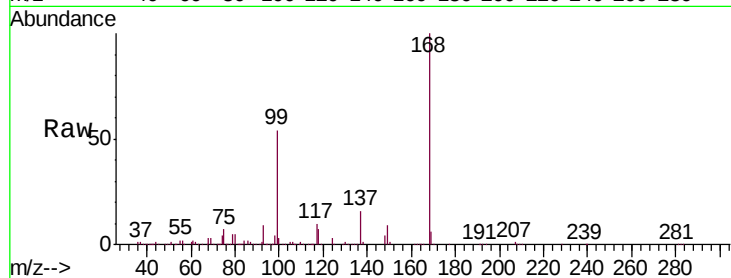
Tgt Ion:117 Resp: 52497

Ion Ratio Lower Upper

117 100

119 4.3 75.0 112.4#

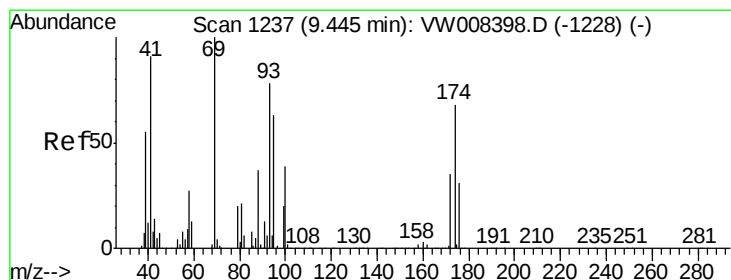
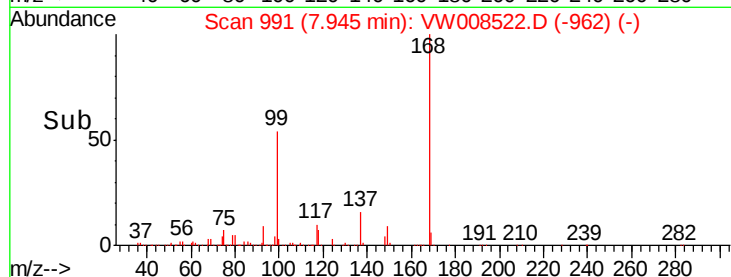
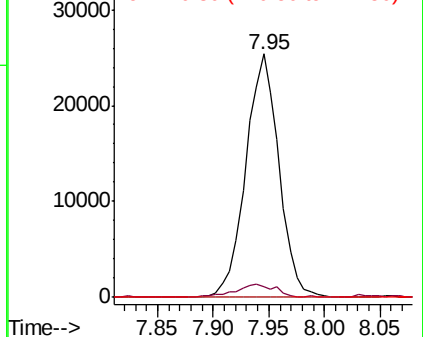
121 0.0 24.9 37.3#



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: 1.666 ug/l

RT: 9.41 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VW008522.D

Acq: 06 Feb 2019 12:47

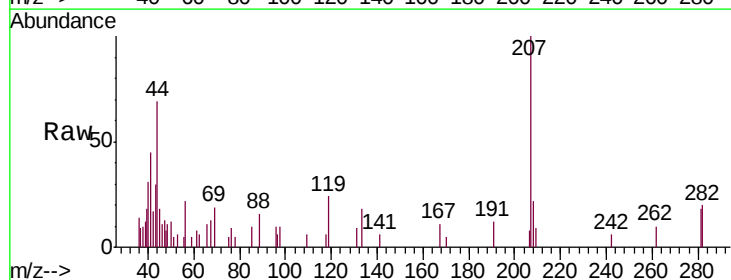
Tgt Ion: 88 Resp: 85

Ion Ratio Lower Upper

88 100

43 182.4 29.0 43.4#

58 104.7 56.4 84.6#



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

