

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002323.D
 Acq On : 09 May 2018 04:59
 Operator : JC/SY
 Sample : J2759-07
 Misc : 6.680G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2B-COMP

Quant Time: May 09 08:34:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	161639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	138276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	61380	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
35) Dibromofluoromethane	7.88	113	50297	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	10.33	98	95321	24.13	ug/l	0.00
Spiked Amount			Recovery	=	48.26%	
62) 4-Bromofluorobenzene	12.63	95	65699	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	

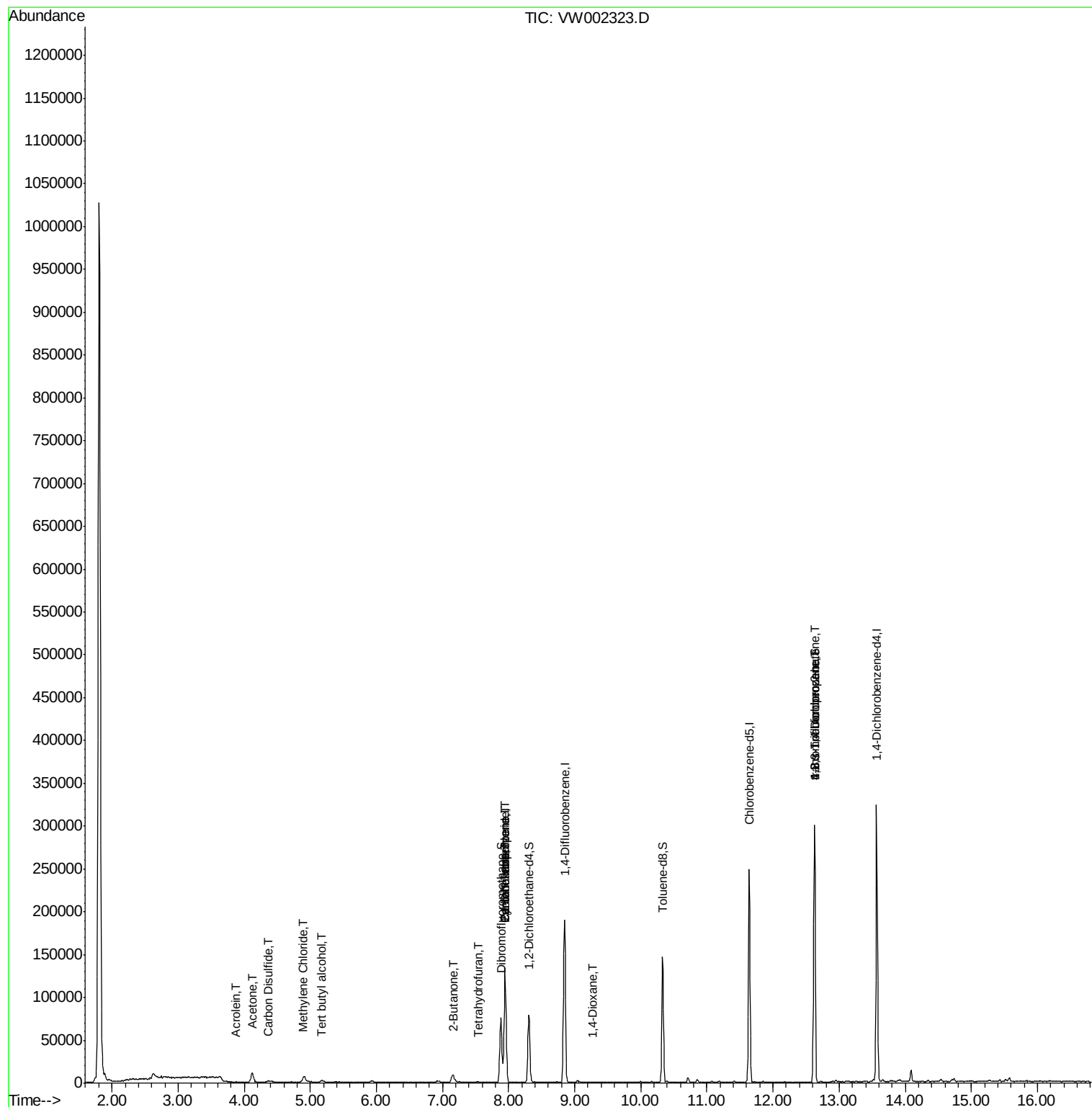
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	3429	42.80	ug/l	99
13) Acrolein	3.88	56	109	1.63	ug/l #	64
16) Acetone	4.12	43	18182	84.47	ug/l	97
17) Carbon Disulfide	4.37	76	2948	1.08	ug/l	95
20) Methylene Chloride	4.90	84	5017	4.83	ug/l #	94
25) 2-Butanone	7.17	43	3574	11.18	ug/l	93
29) Tetrahydrofuran	7.54	42	600	2.86	ug/l #	78
31) Cyclohexane	7.94	56	2332	1.42	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7516	5.14	ug/l #	48
38) Carbon Tetrachloride	7.95	117	9846	6.96	ug/l #	16
49) 1,4-Dioxane	9.27	88	20	2.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	34457	45.16	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	34457	118.95	ug/l #	10

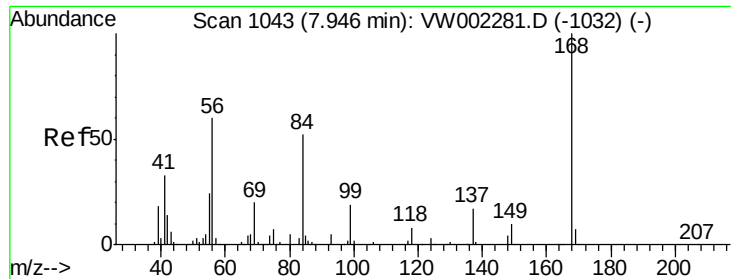
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Instrument :

MSVOA_W

ClientSampled :

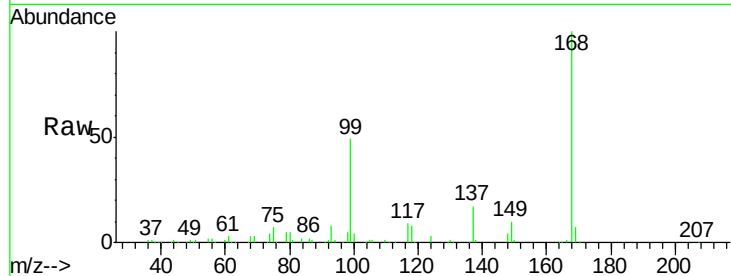
TP-2B-COMP

Tgt Ion: 168 Resp: 103789

Ion Ratio Lower Upper

168 100

99 49.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

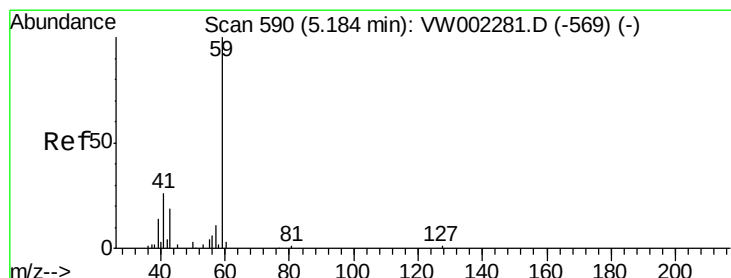
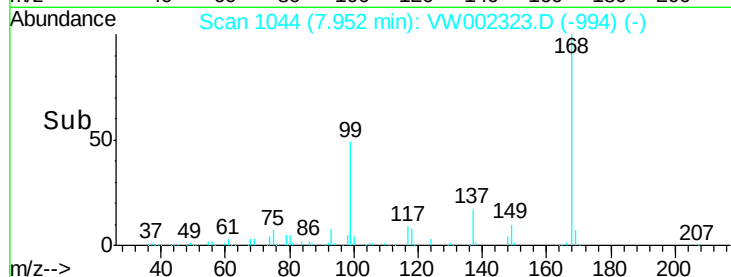
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 42.80 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.02 min

Lab File: VW002323.D

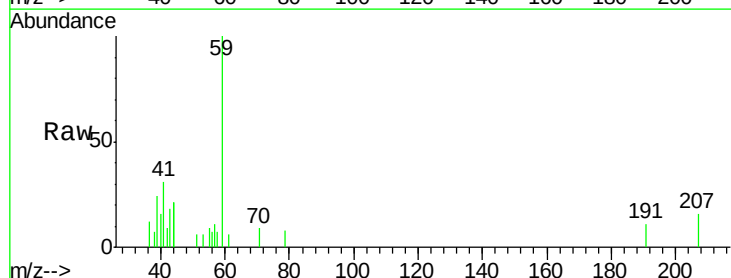
Acq: 09 May 2018 04:59

Tgt Ion: 59 Resp: 3429

Ion Ratio Lower Upper

59 100

57 5.3 3.9 5.9



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

1000

800

600

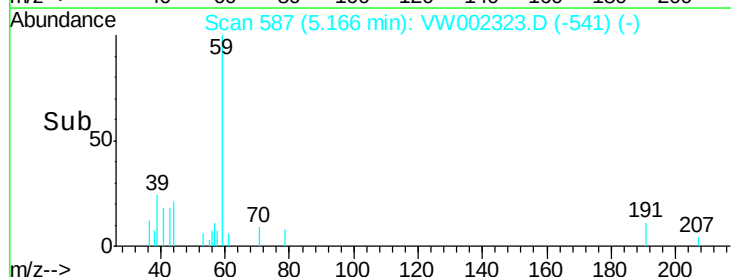
400

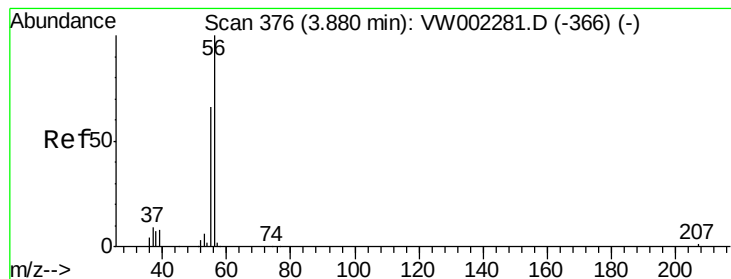
200

0

5.10 5.15 5.20 5.25 5.30

Time-->





#13

Acrolein

Concen: 1.63 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

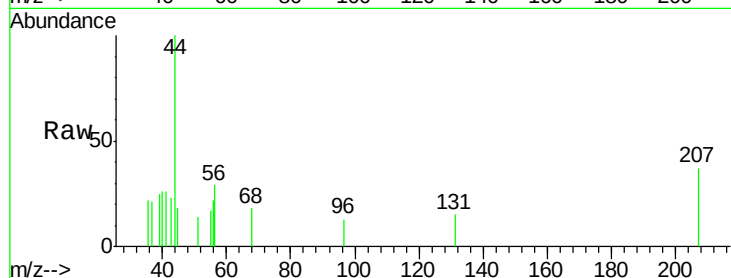
TP-2B-COMP

Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

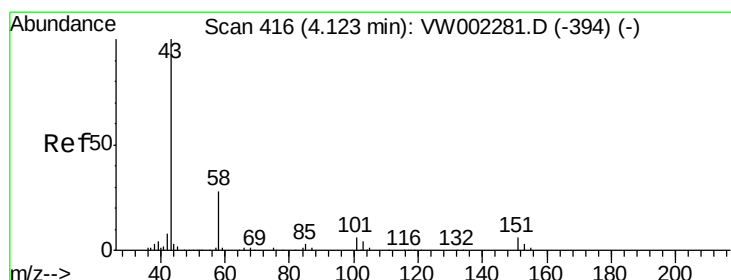
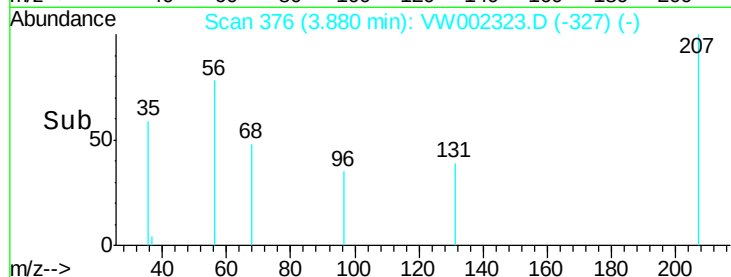
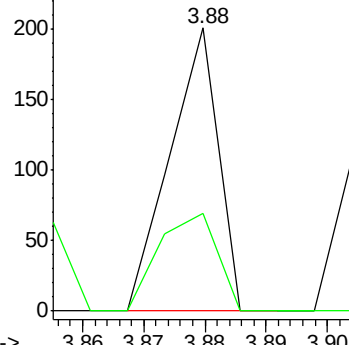
56 100

55 41.3 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 84.47 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002323.D

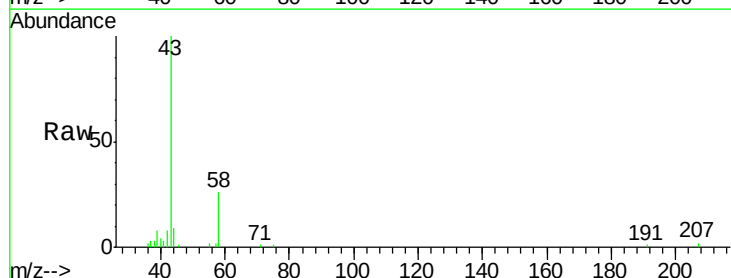
Acq: 09 May 2018 04:59

Tgt Ion: 43 Resp: 18182

Ion Ratio Lower Upper

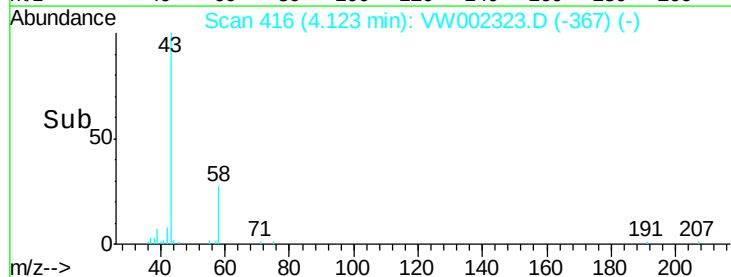
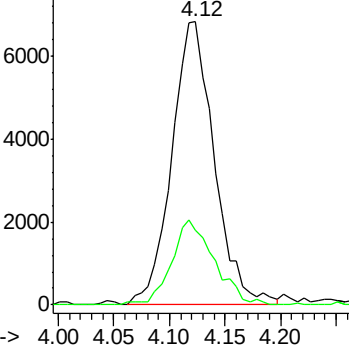
43 100

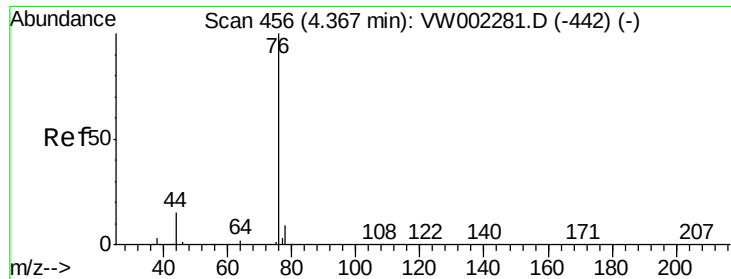
58 26.4 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.08 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

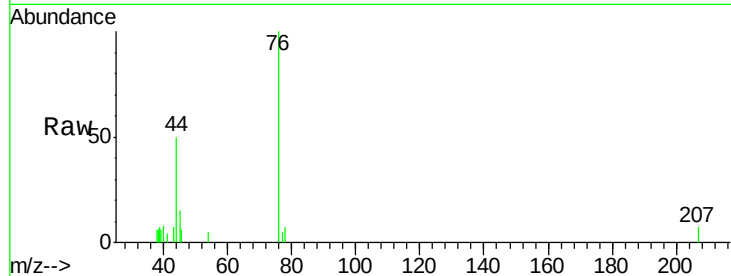
TP-2B-COMP

Tgt Ion: 76 Resp: 2948

Ion Ratio Lower Upper

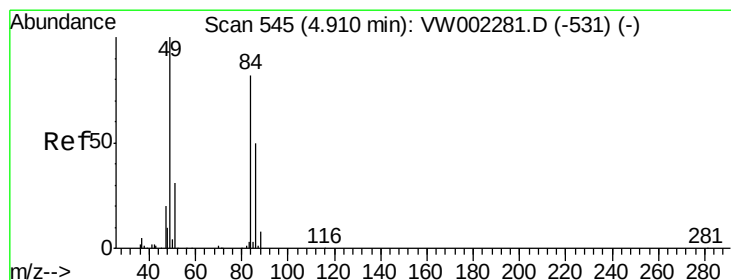
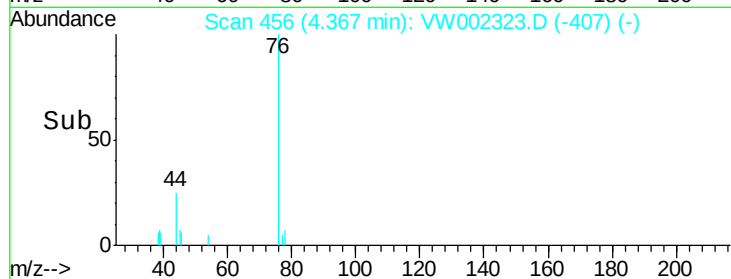
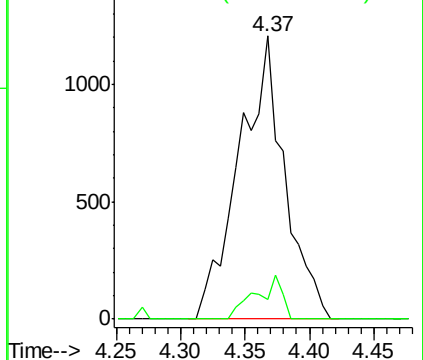
76 100

78 7.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 4.83 ug/l

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Tgt Ion: 84 Resp: 5017

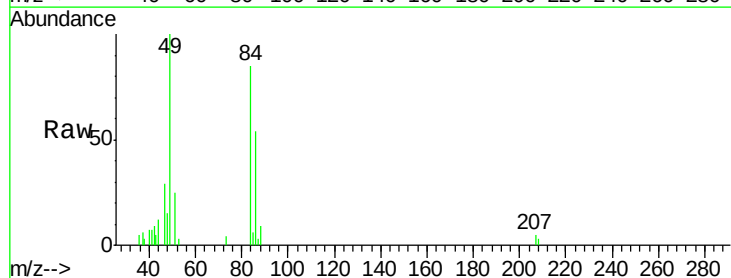
Ion Ratio Lower Upper

84 100

49 117.4 97.7 146.5

51 29.1 30.2 45.4#

86 63.2 48.9 73.3

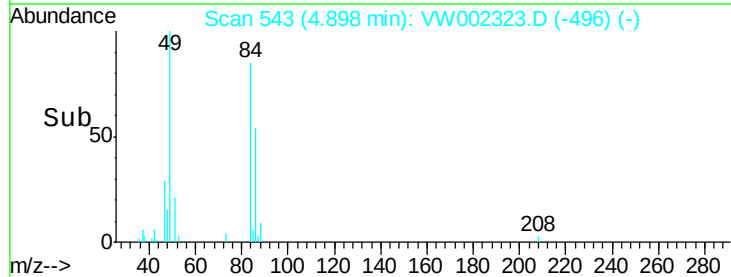
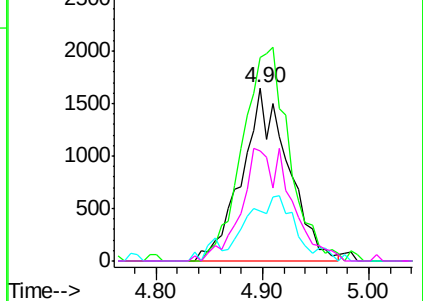


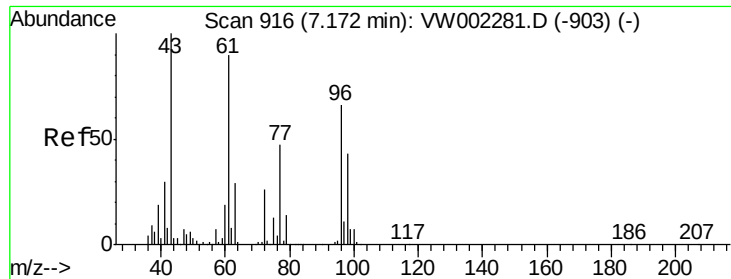
Abundance Ion 83.90 (83.60 to 84.60): VW

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

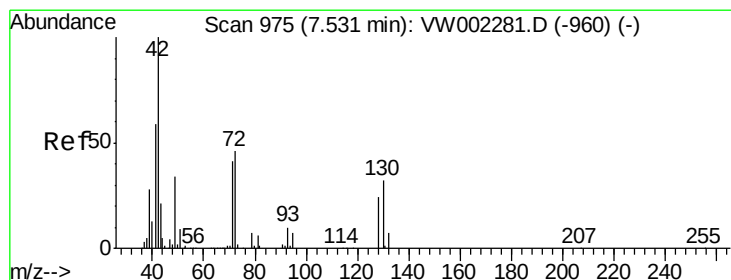
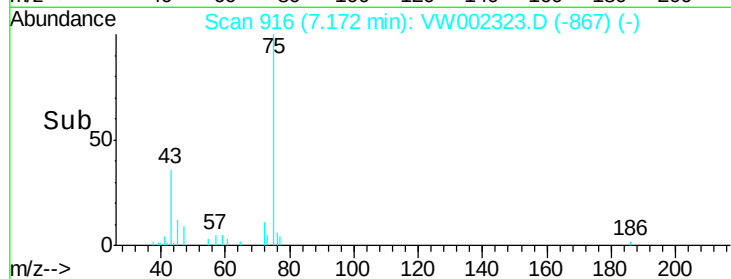
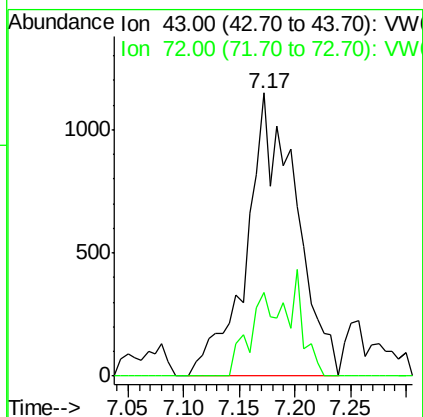
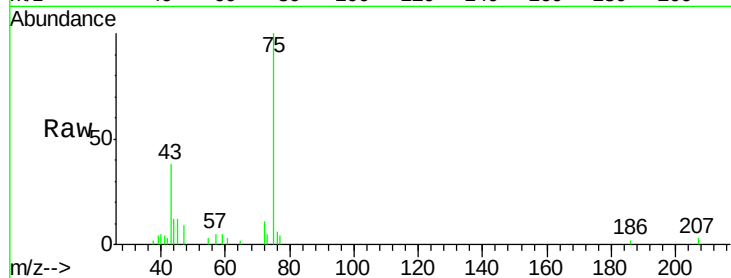




#25
2-Butanone
Concen: 11.18 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

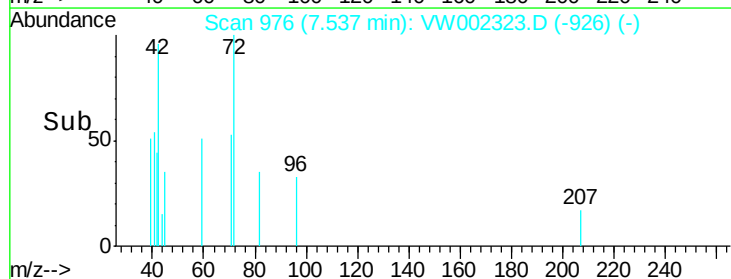
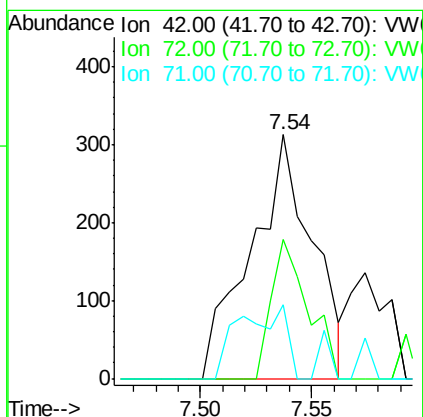
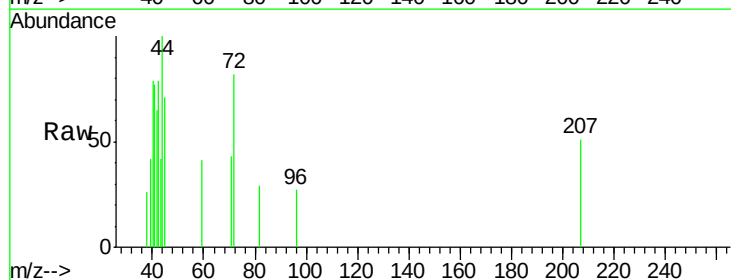
Instrument :
MSVOA_W
ClientSampled :
TP-2B-COMP

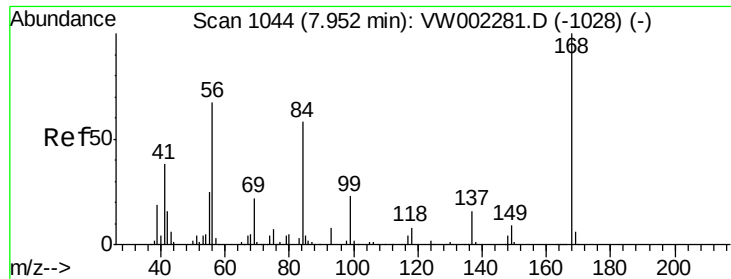
Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
72 29.6 20.6 31.0



#29
Tetrahydrofuran
Concen: 2.86 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

Tgt Ion: 42 Resp: 600
Ion Ratio Lower Upper
42 100
72 34.0 34.5 51.7#
71 23.0 33.0 49.6#

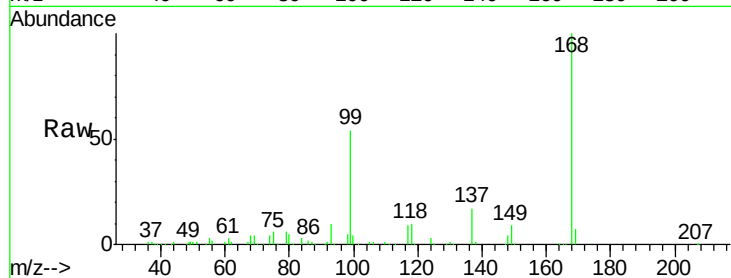




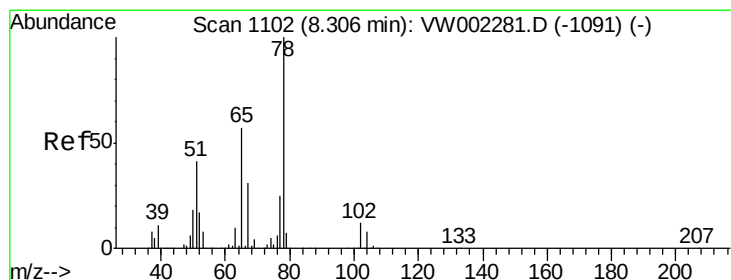
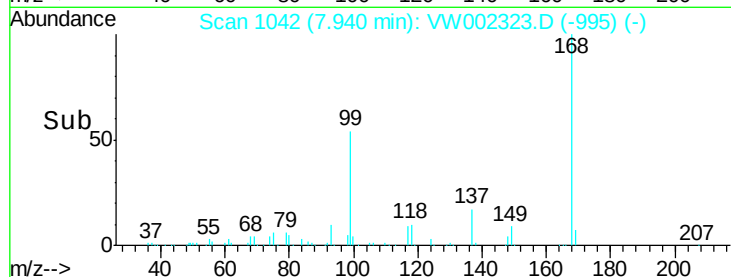
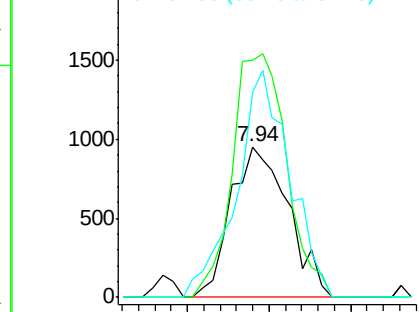
#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

Instrument :
MSVOA_W
ClientSampleId :
TP-2B-COMP

Tgt Ion: 56 Resp: 2332
Ion Ratio Lower Upper
56 100
69 157.5 26.2 39.4#
84 136.4 69.2 103.8#

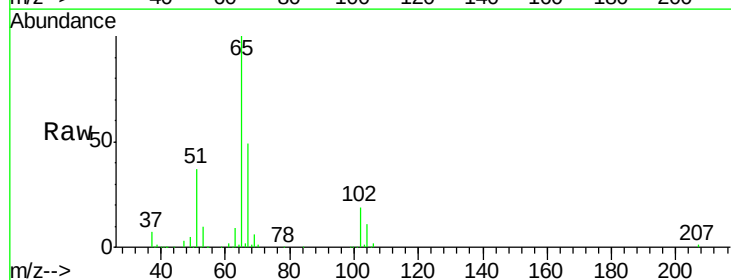


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

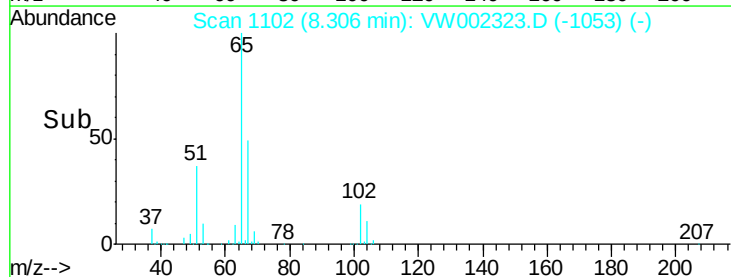
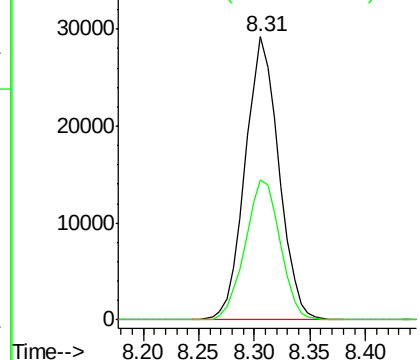


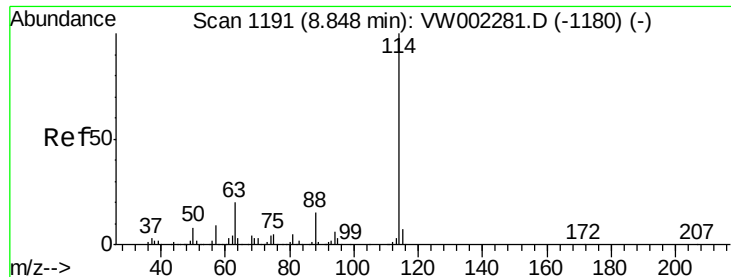
#33
1,2-Dichloroethane-d4
Concen: 55.69 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

Tgt Ion: 65 Resp: 61380
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2



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

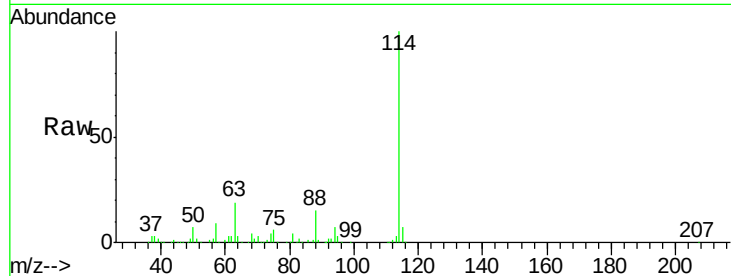




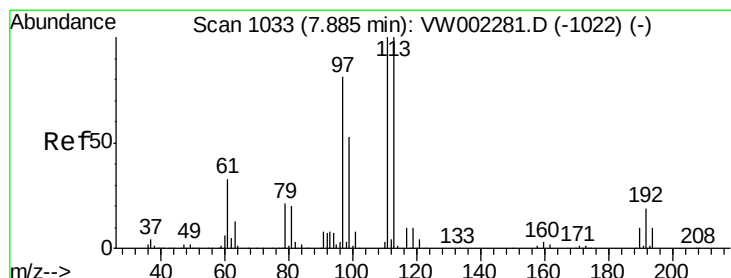
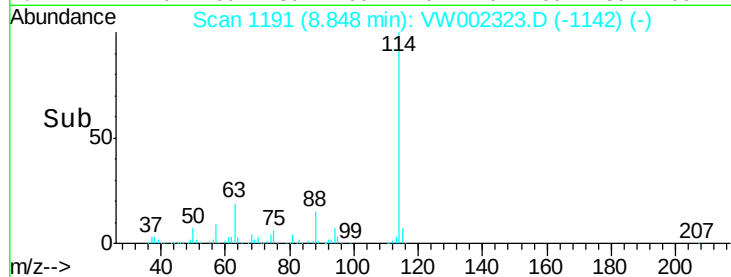
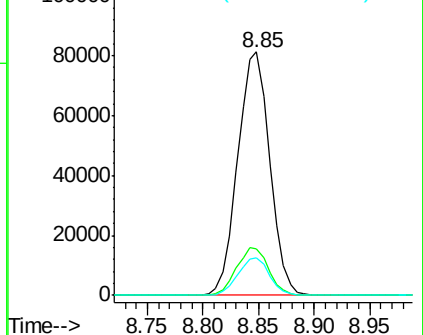
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002323.D
 Acq: 09 May 2018 04:59

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2B-COMP

Tgt Ion:114 Resp: 161639
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.3 0.0 29.6

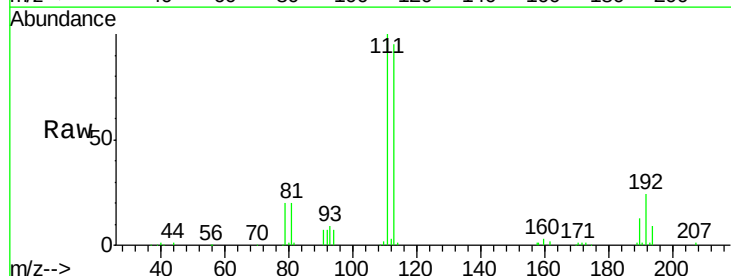


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

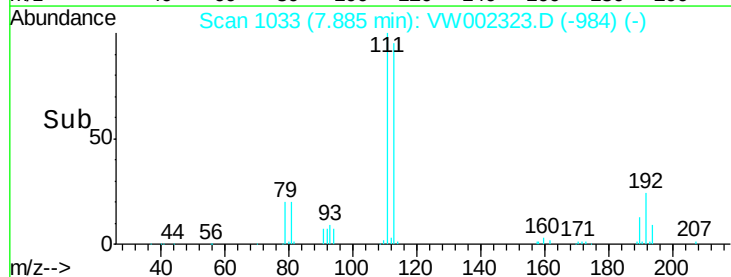
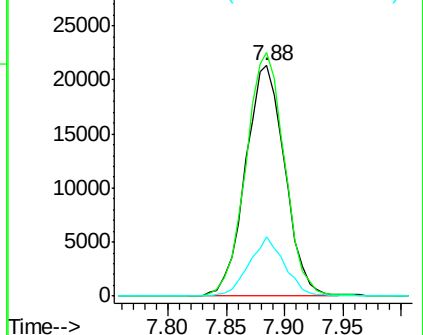


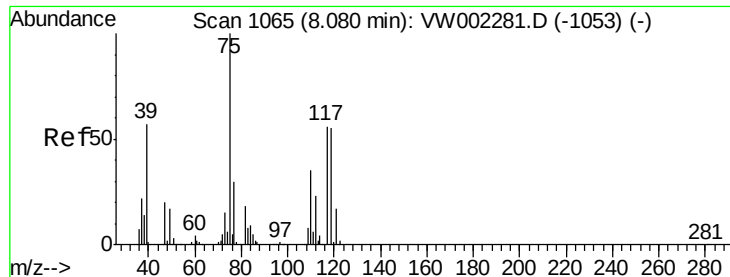
#35
 Dibromofluoromethane
 Concen: 48.55 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002323.D
 Acq: 09 May 2018 04:59

Tgt Ion:113 Resp: 50297
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.5 122.3
 192 23.1 16.4 24.6



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

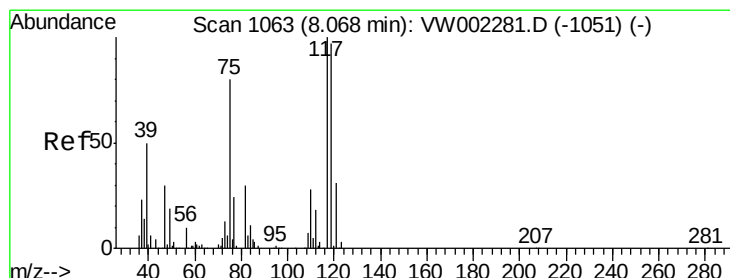
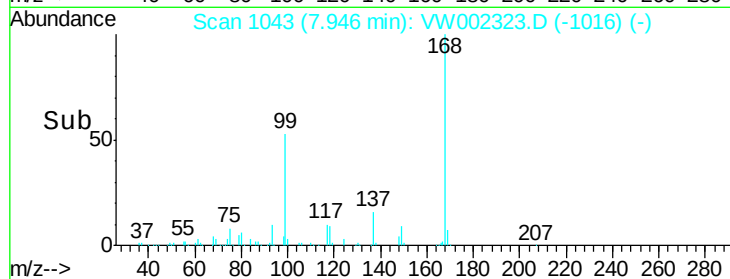
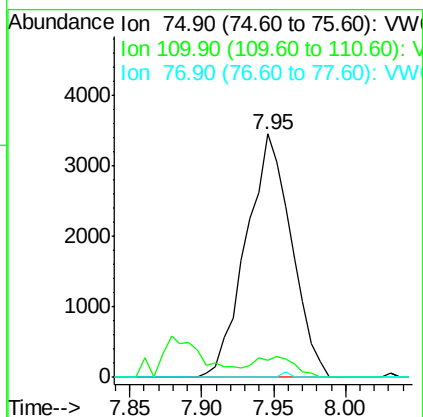
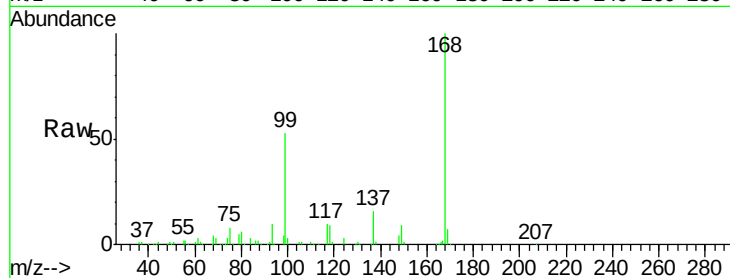




#36
 1,1-Dichloropropene
 Concen: 5.14 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002323.D
 Acq: 09 May 2018 04:59

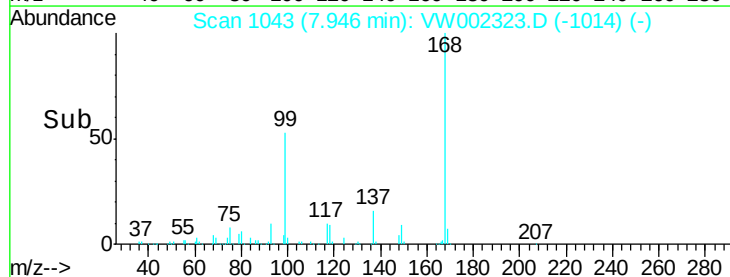
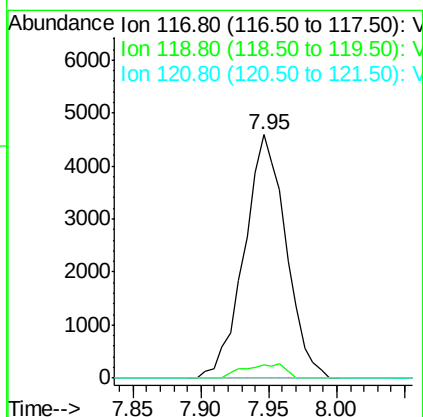
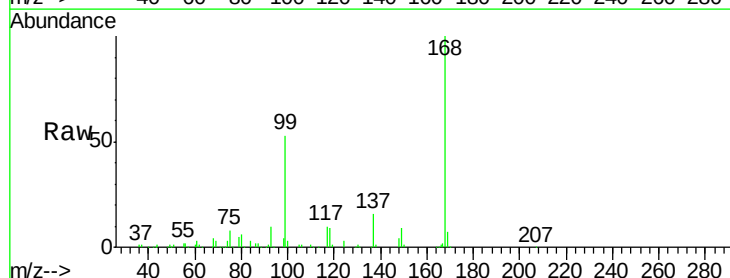
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2B-COMP

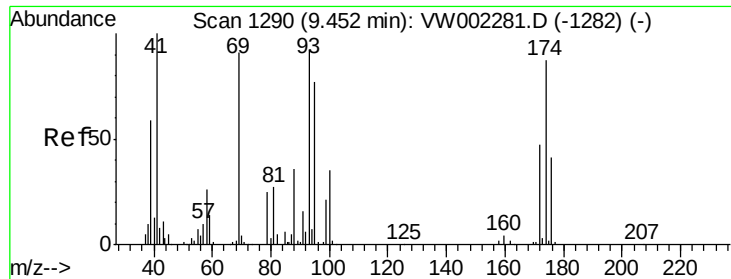
Tgt Ion: 75 Resp: 7516
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.1 54.1#
 77 0.3 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.96 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002323.D
 Acq: 09 May 2018 04:59

Tgt Ion: 117 Resp: 9846
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.5 116.3#
 121 0.0 24.4 36.6#

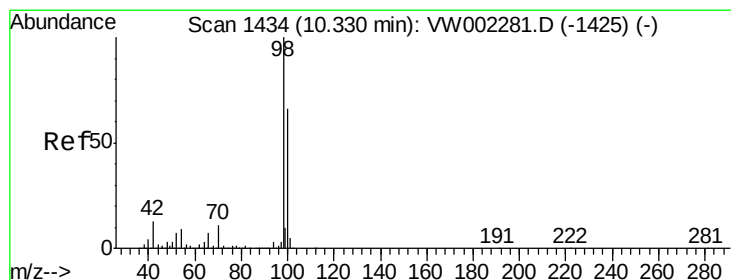
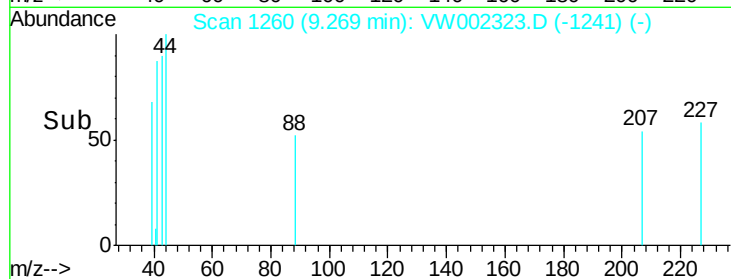
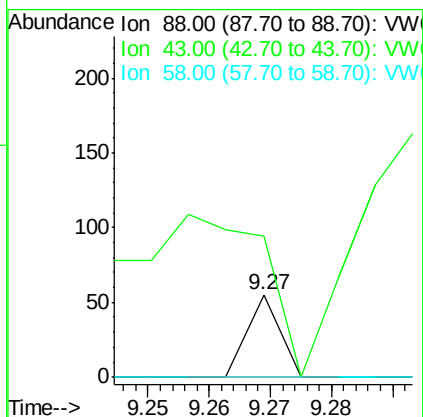
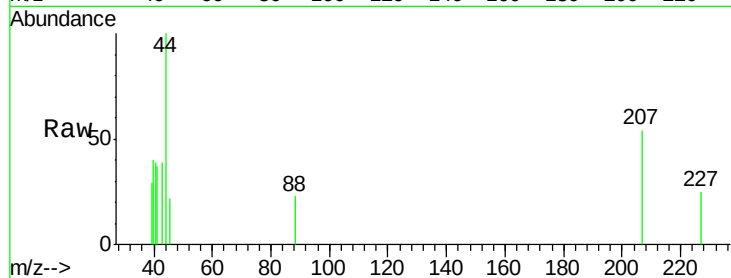




#49
1,4-Dioxane
Concen: 2.10 ug/l
RT: 9.27 min Scan# 1260
Delta R.T. -0.18 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

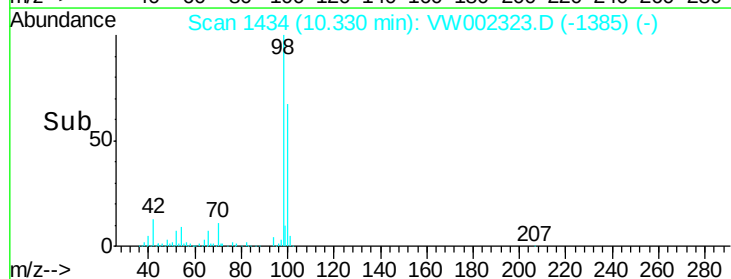
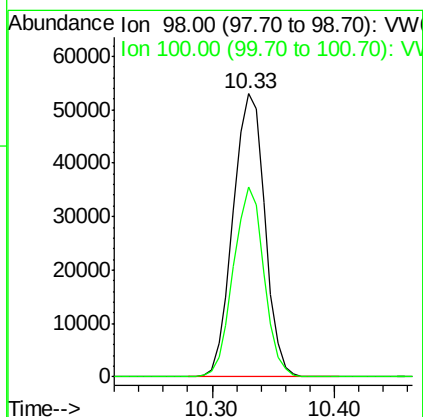
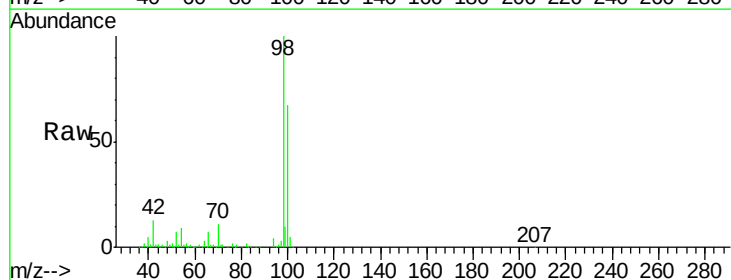
Instrument :
MSVOA_W
ClientSampleId :
TP-2B-COMP

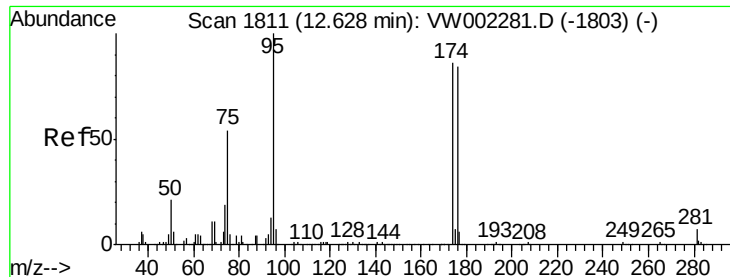
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 550.0 26.3 39.5#
58 0.0 56.0 84.0#



#50
Toluene-d8
Concen: 24.13 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

Tgt Ion: 98 Resp: 95321
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

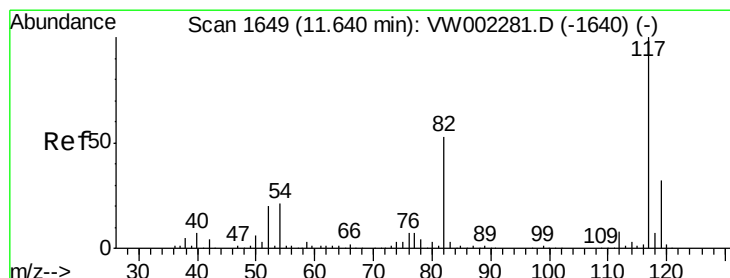
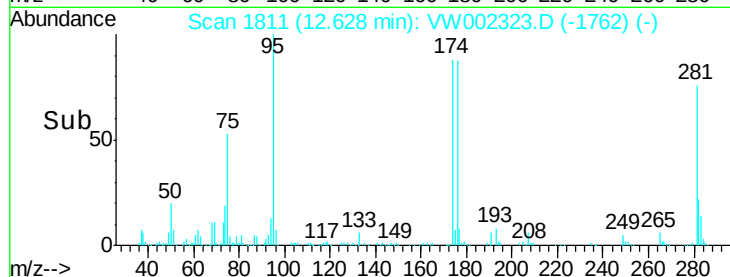
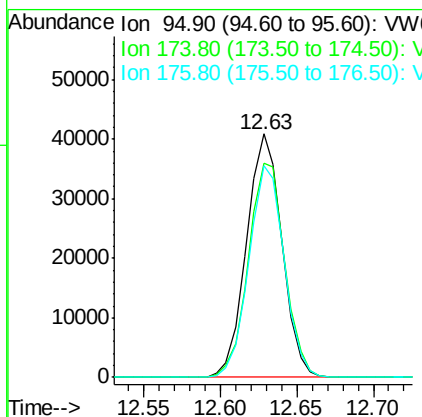
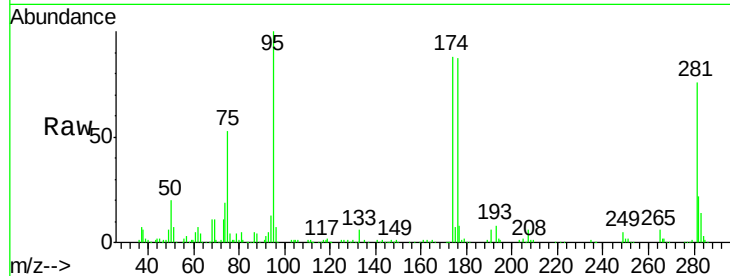




#62
4-Bromofluorobenzene
Concen: 46.02 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

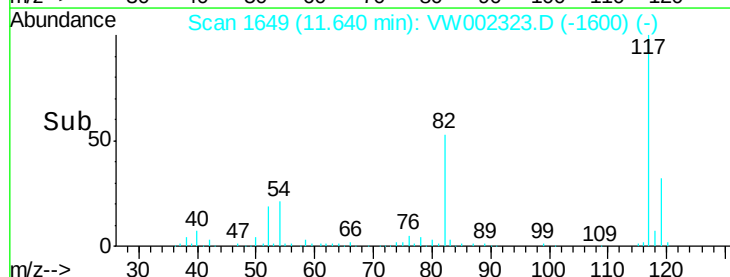
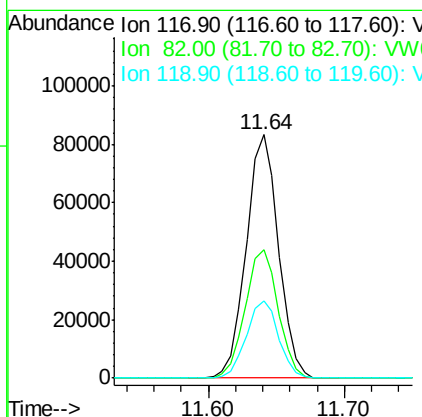
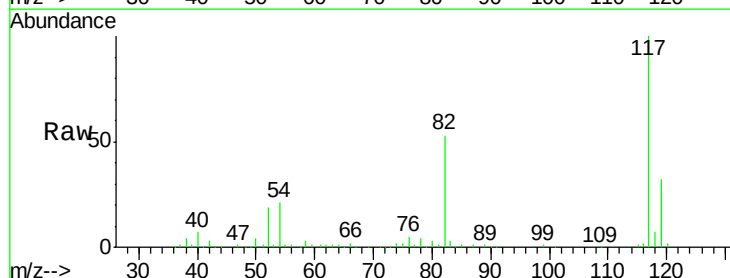
Instrument :
MSVOA_W
ClientSampleId :
TP-2B-COMP

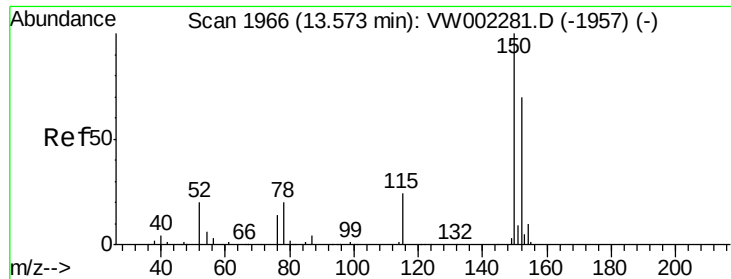
Tgt Ion: 95 Resp: 65699
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.8
176 86.7 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002323.D
Acq: 09 May 2018 04:59

Tgt Ion: 117 Resp: 138276
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Instrument :

MSVOA_W

ClientSampled :

TP-2B-COMP

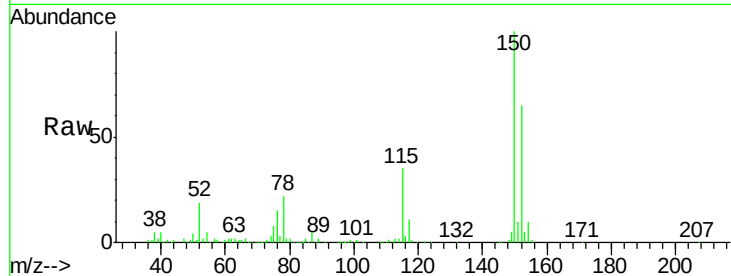
Tgt Ion:152 Resp: 86048

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

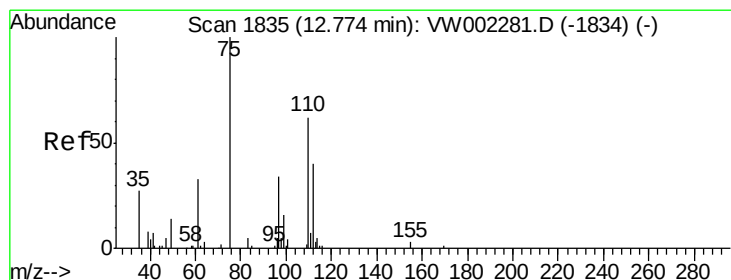
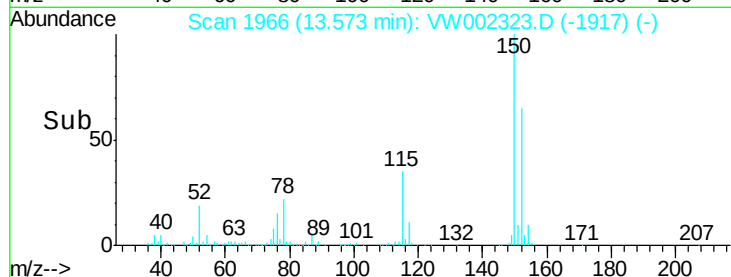
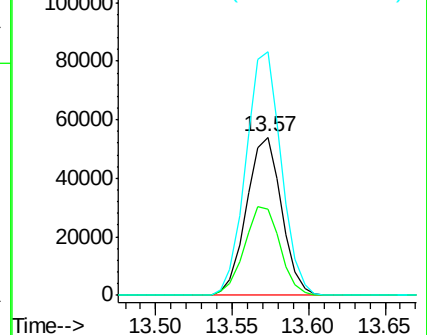
150 155.3 0.0 342.6



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: 45.16 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002323.D

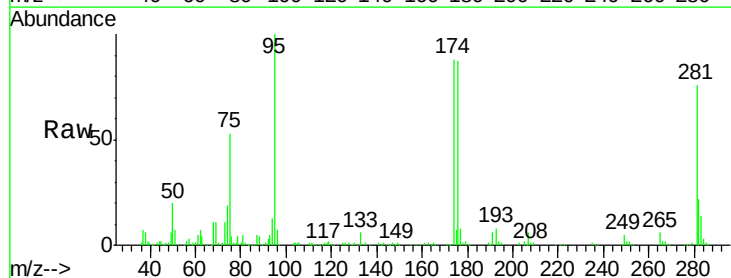
Acq: 09 May 2018 04:59

Tgt Ion: 75 Resp: 34457

Ion Ratio Lower Upper

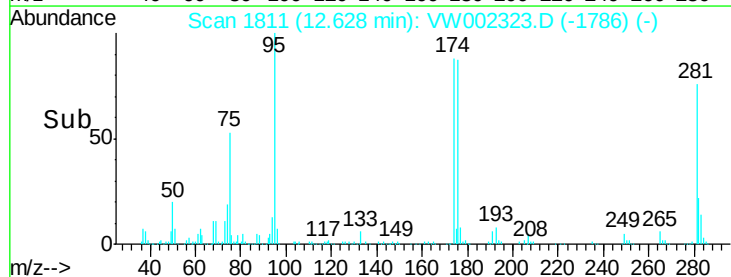
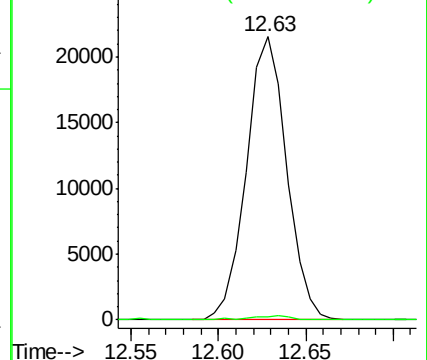
75 100

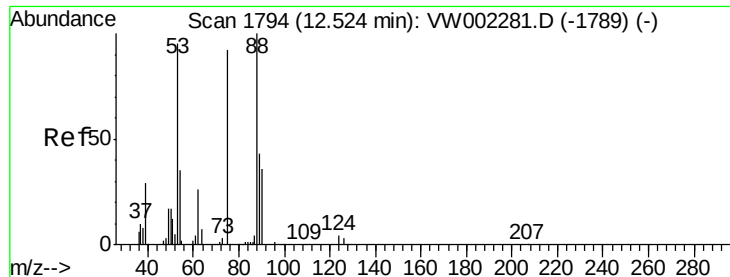
77 1.4 187.5 562.6#



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: 118.95 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002323.D

Acq: 09 May 2018 04:59

Instrument :

MSVOA_W

ClientSampleId :

TP-2B-COMP

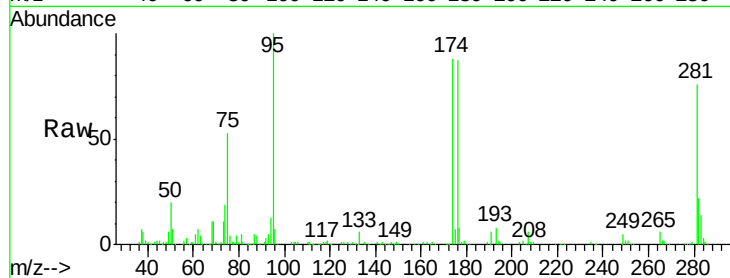
Tgt Ion: 75 Resp: 34457

Ion Ratio Lower Upper

75 100

53 0.0 79.9 119.9#

89 0.9 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

