

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002575.D
 Acq On : 16 May 2018 03:28
 Operator : JC/SY
 Sample : J2785-01
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-1A

Quant Time: May 16 05:54:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	84792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51611	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.88	113	40091	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	
50) Toluene-d8	10.33	98	77796	21.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.76%	
62) 4-Bromofluorobenzene	12.63	95	29239	22.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.98%	

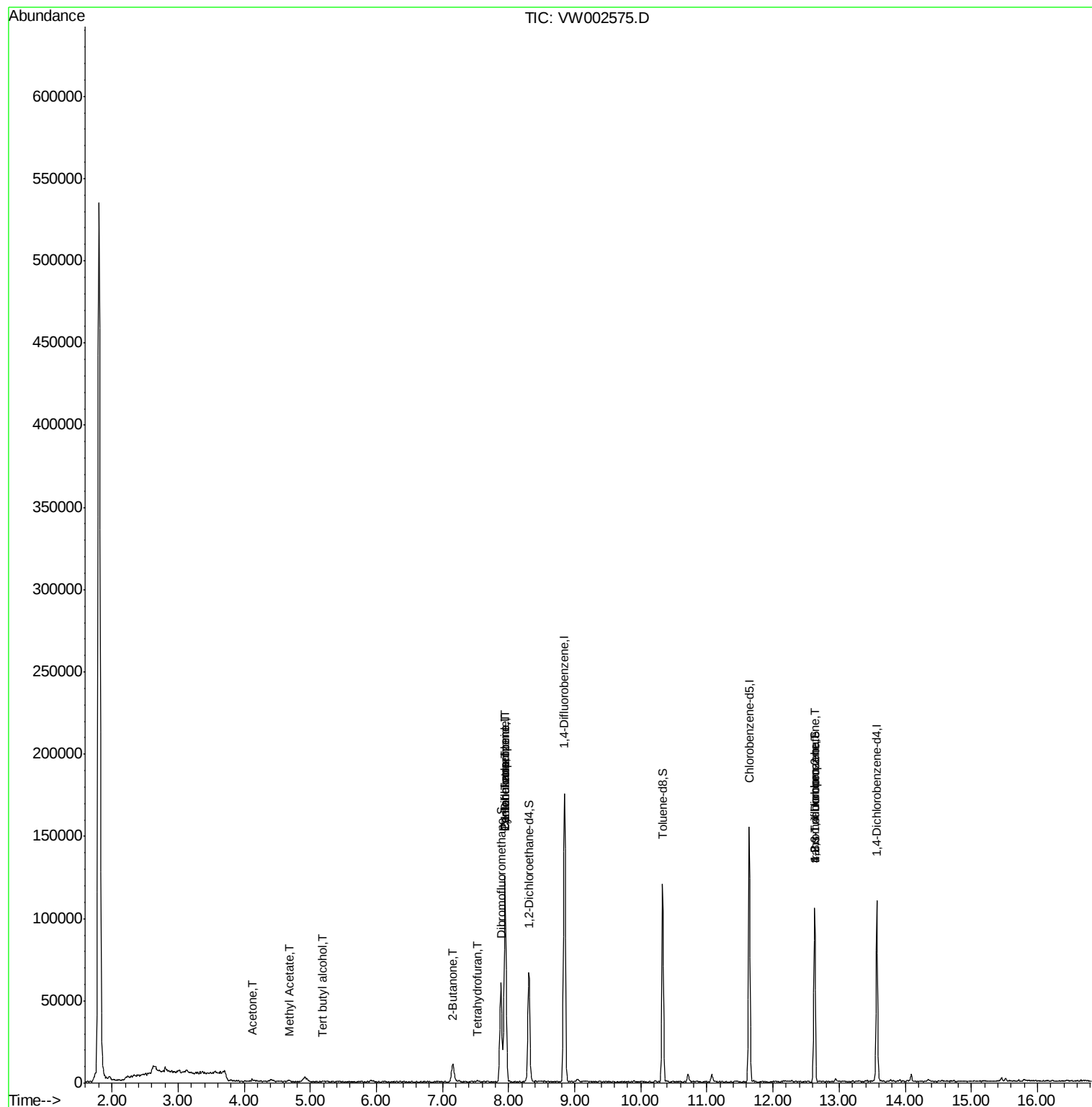
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	486	6.38	ug/l	97
16) Acetone	4.13	43	1882	8.99	ug/l #	86
18) Methyl Acetate	4.68	43	1575	2.58	ug/l #	72
25) 2-Butanone	7.15	43	359	1.21	ug/l #	49
29) Tetrahydrofuran	7.52	42	242	1.31	ug/l #	42
31) Cyclohexane	7.95	56	2328	1.65	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	7424	5.71	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9421	7.40	ug/l #	20
76) 1,2,3-Trichloropropane	12.63	75	14743	50.82	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	14743	138.56	ug/l #	9

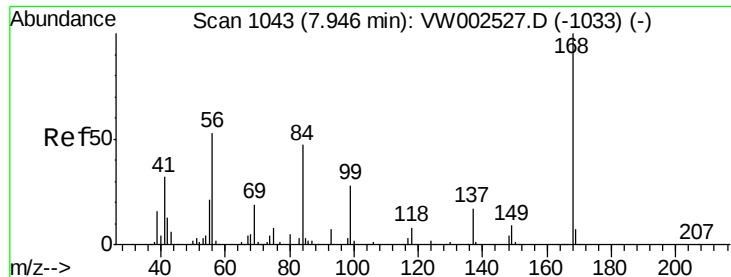
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

Instrument :

MSVOA_W

ClientSampled :

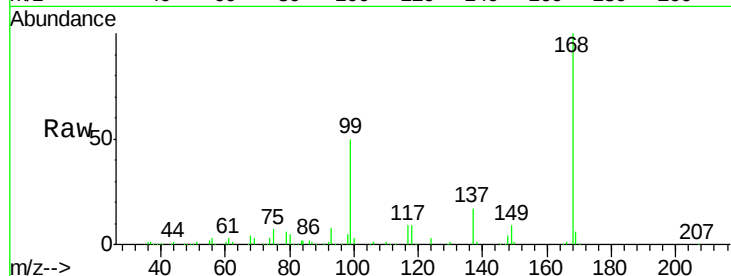
BP-1A

Tgt Ion:168 Resp: 95926

Ion Ratio Lower Upper

168 100

99 50.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

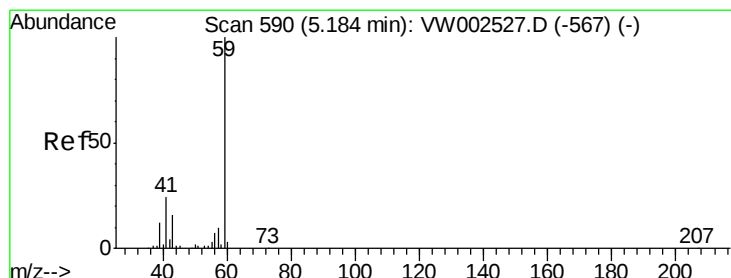
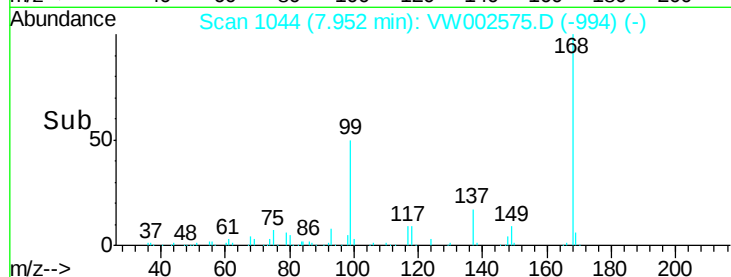
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.38 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002575.D

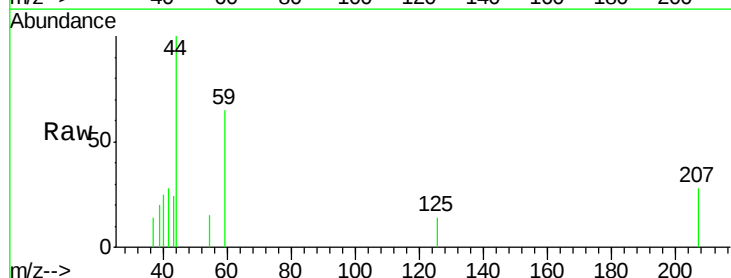
Acq: 16 May 2018 03:28

Tgt Ion: 59 Resp: 486

Ion Ratio Lower Upper

59 100

57 9.1 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

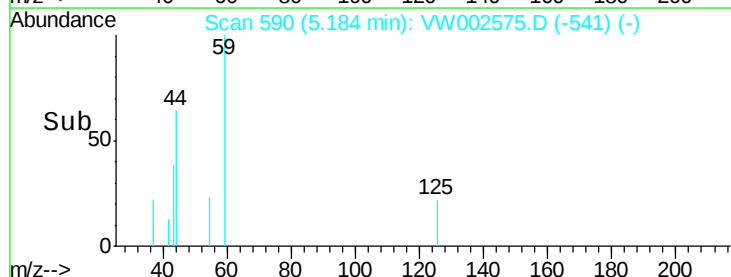
150

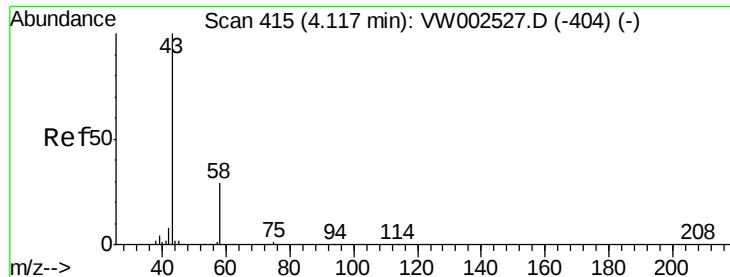
100

50

0

Time-->





#16

Acetone

Concen: 8.99 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

Instrument :

MSVOA_W

ClientSampled :

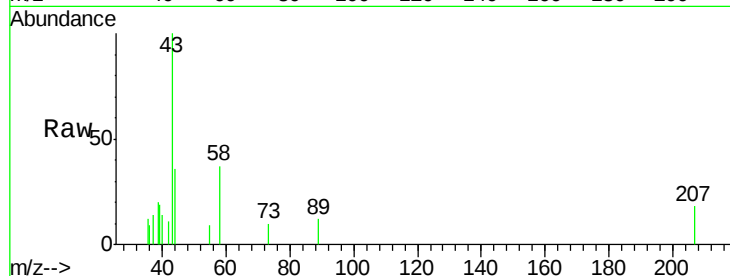
BP-1A

Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

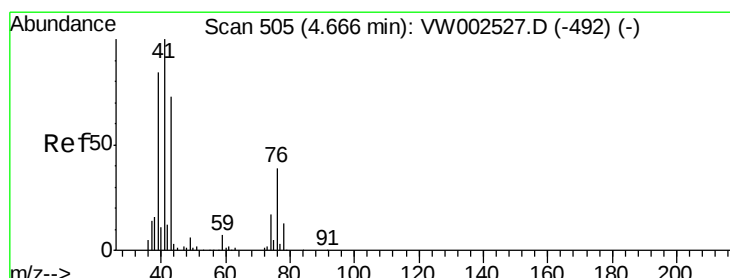
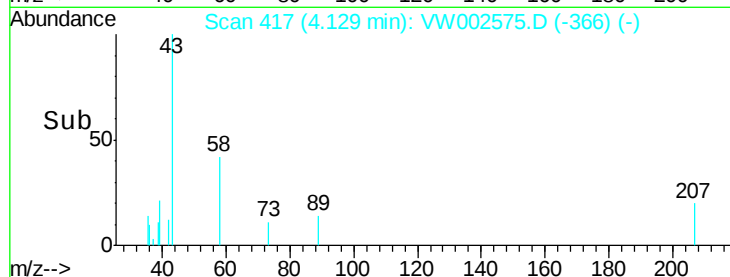
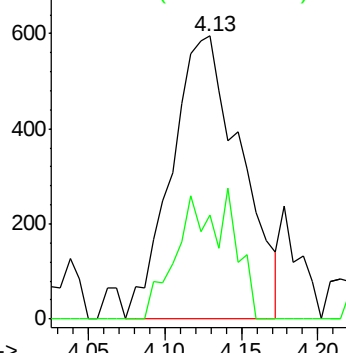
43 100

58 36.8 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.58 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.02 min

Lab File: VW002575.D

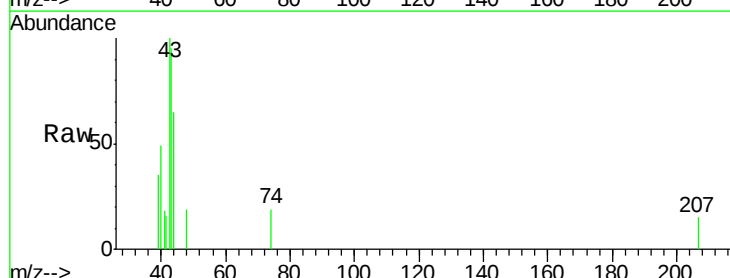
Acq: 16 May 2018 03:28

Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

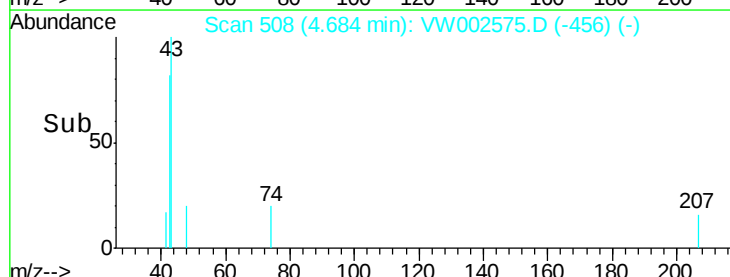
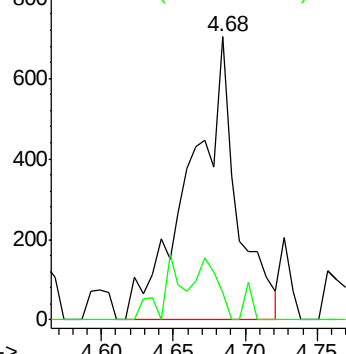
43 100

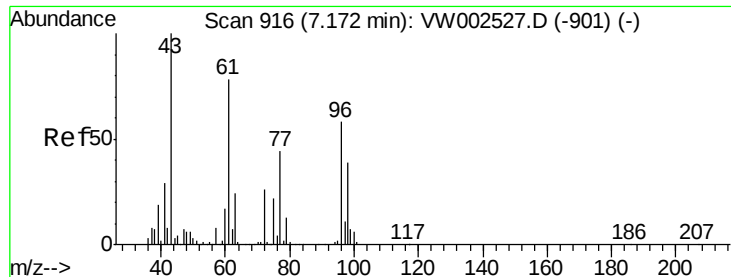
74 10.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

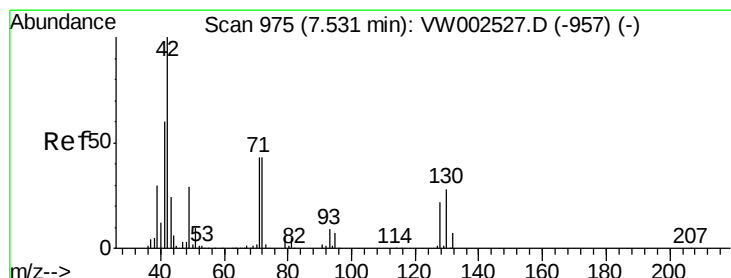
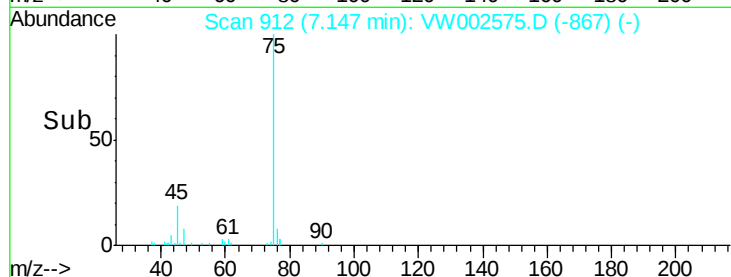
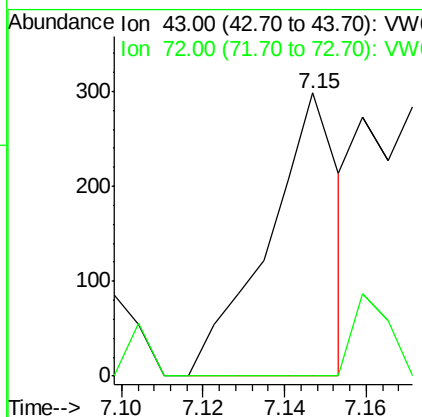
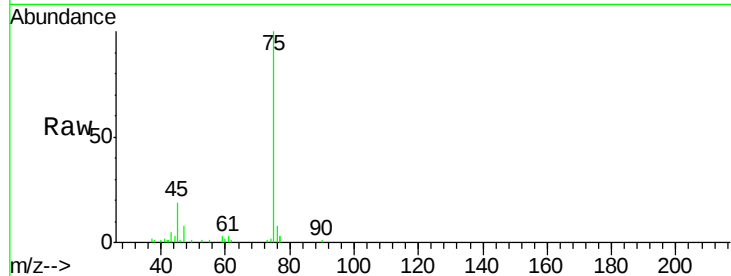




#25
 2-Butanone
 Concen: 1.21 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

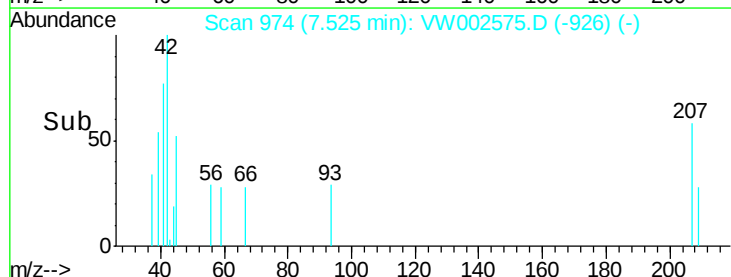
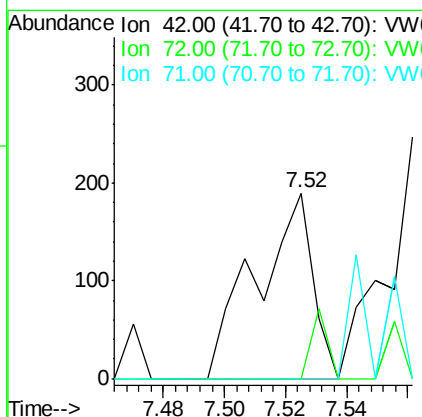
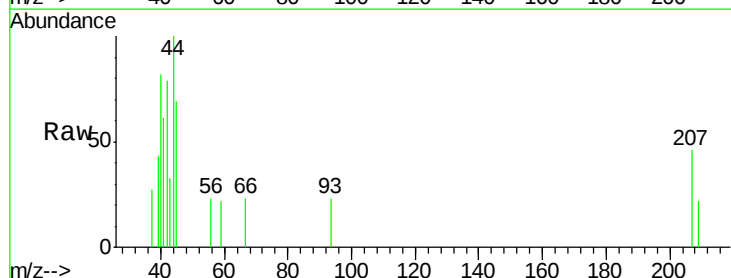
Instrument :
 MSVOA_W
 ClientSampleId :
 BP-1A

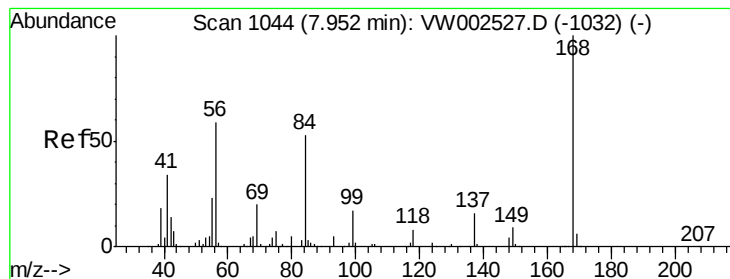
Tgt Ion: 43 Resp: 359
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.9 31.3#



#29
 Tetrahydrofuran
 Concen: 1.31 ug/l
 RT: 7.52 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

Tgt Ion: 42 Resp: 242
 Ion Ratio Lower Upper
 42 100
 72 10.7 35.0 52.4#
 71 0.0 33.0 49.6#





#31

Cyclohexane

Concen: 1.65 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

Instrument :

MSVOA_W

ClientSampled :

BP-1A

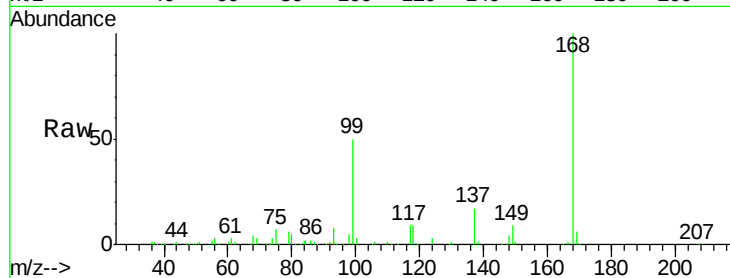
Tgt Ion: 56 Resp: 2328

Ion Ratio Lower Upper

56 100

69 113.4 27.0 40.4#

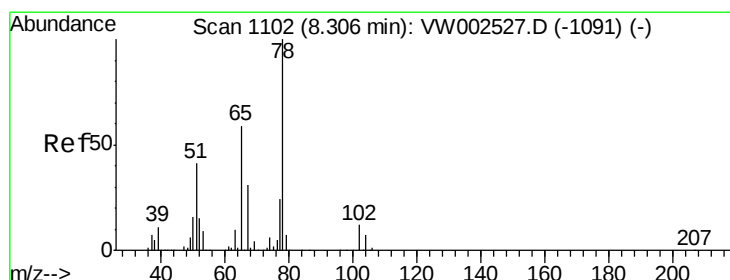
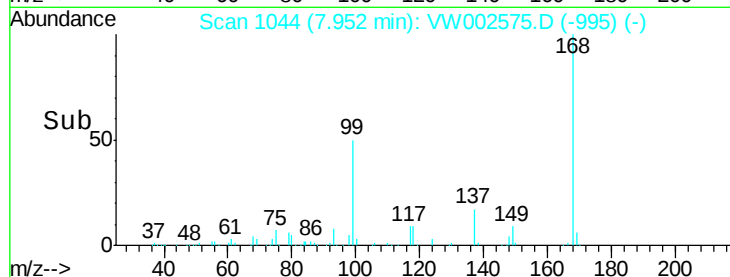
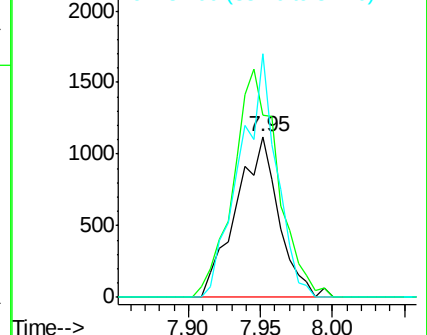
84 151.5 72.2 108.2#



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: 52.07 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002575.D

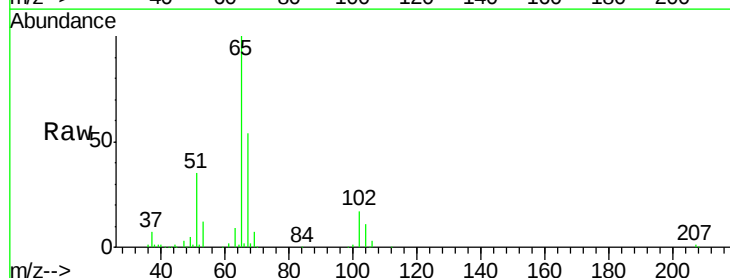
Acq: 16 May 2018 03:28

Tgt Ion: 65 Resp: 51611

Ion Ratio Lower Upper

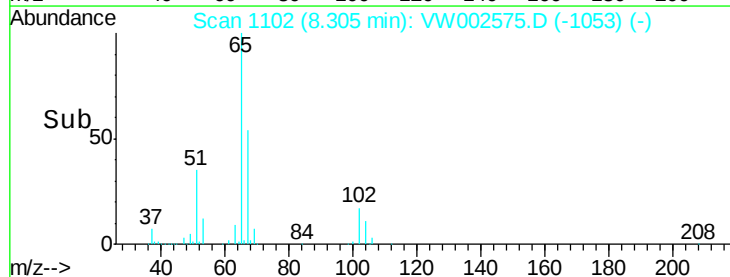
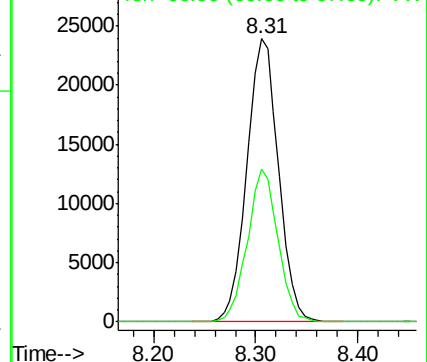
65 100

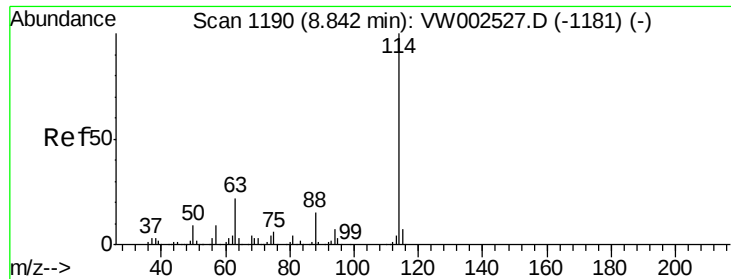
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

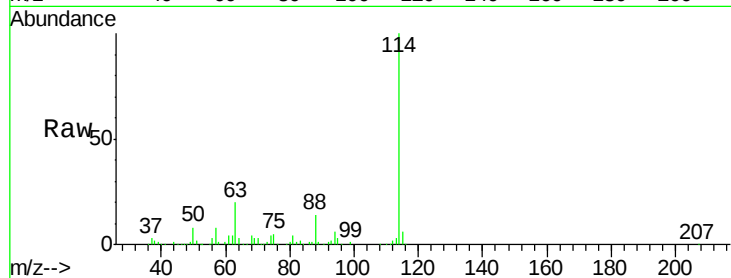




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-1A

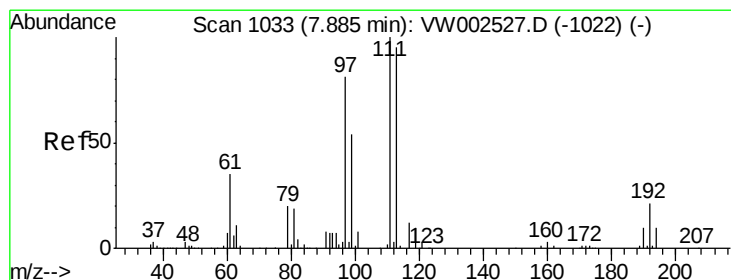
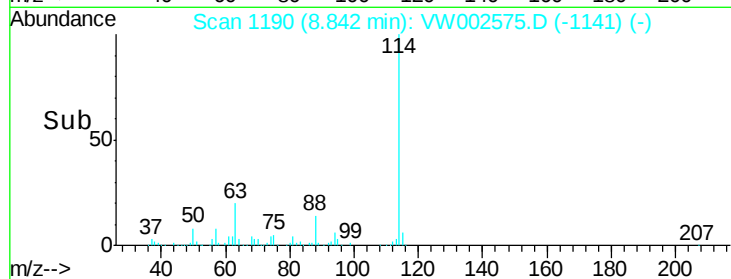
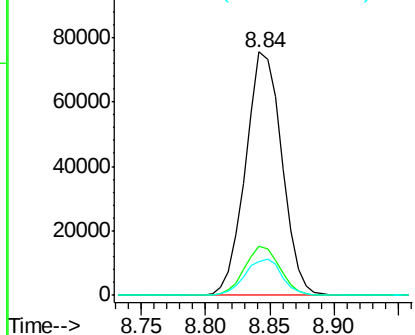
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	13.9	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

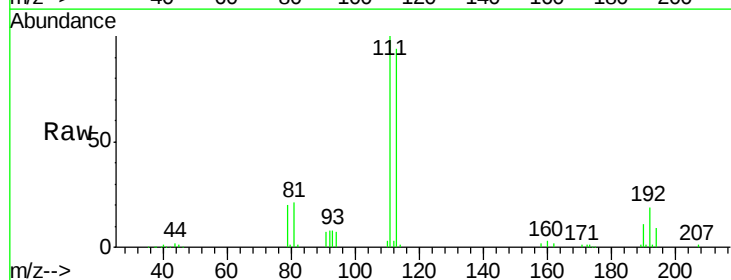
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 42.89 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

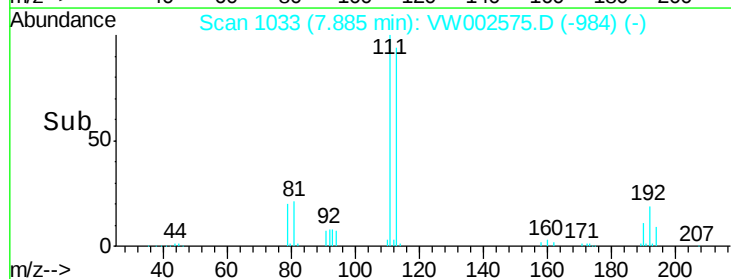
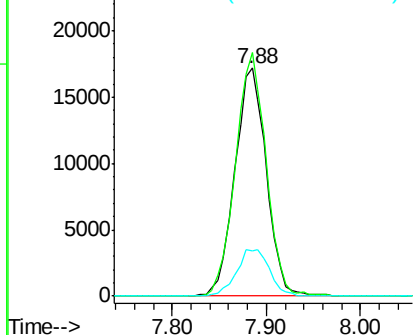
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	21.4	17.5	26.3

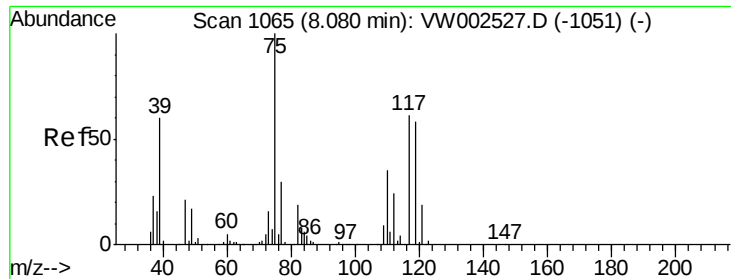


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

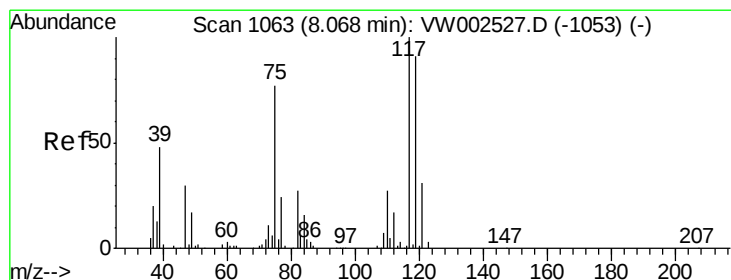
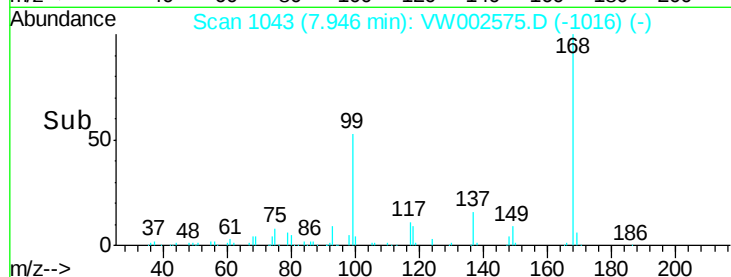
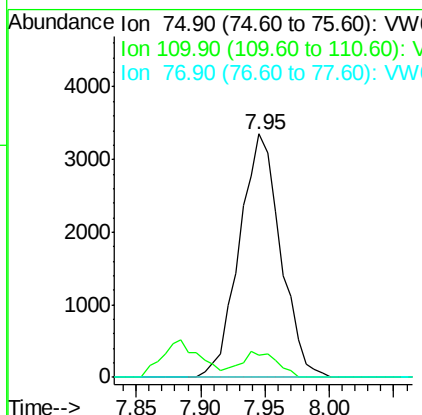
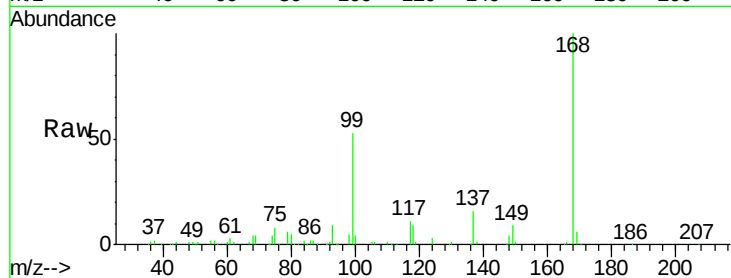




#36
 1,1-Dichloropropene
 Concen: 5.71 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

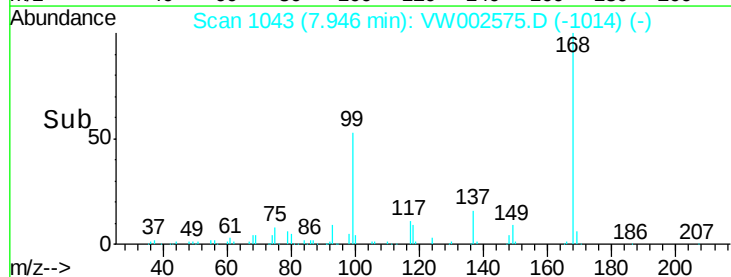
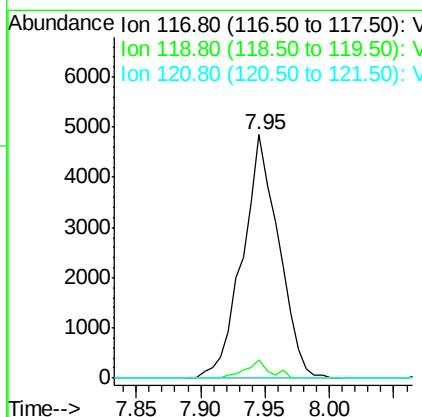
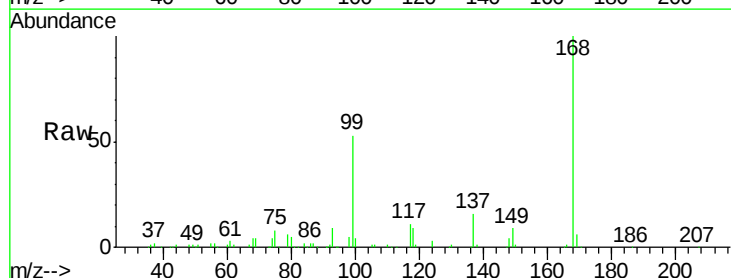
Instrument :
 MSVOA_W
 ClientSampleId :
 BP-1A

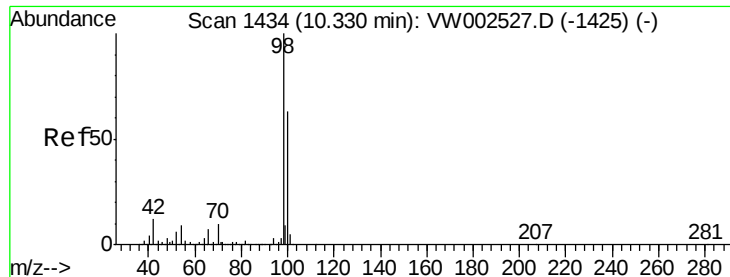
Tgt Ion: 75 Resp: 7424
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.40 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002575.D
 Acq: 16 May 2018 03:28

Tgt Ion: 117 Resp: 9421
 Ion Ratio Lower Upper
 117 100
 119 7.6 73.1 109.7#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 21.88 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

Instrument :

MSVOA_W

ClientSampled :

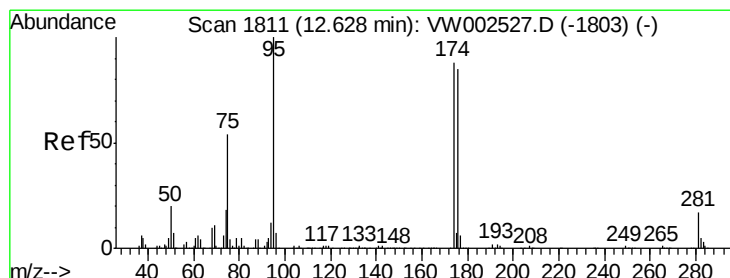
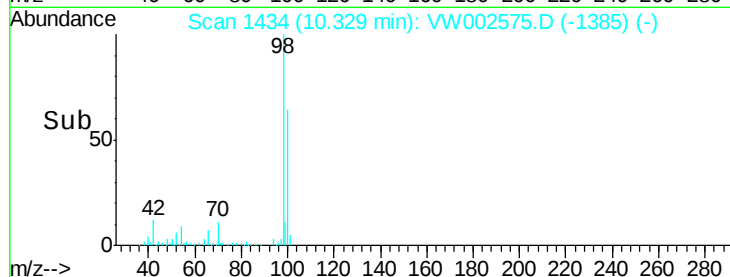
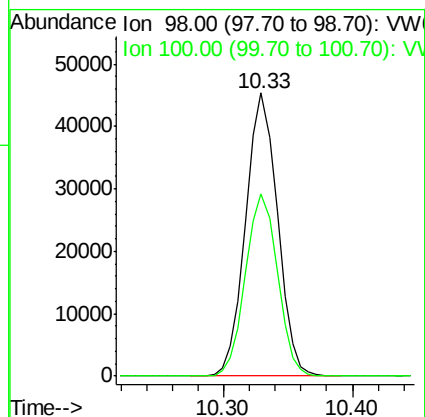
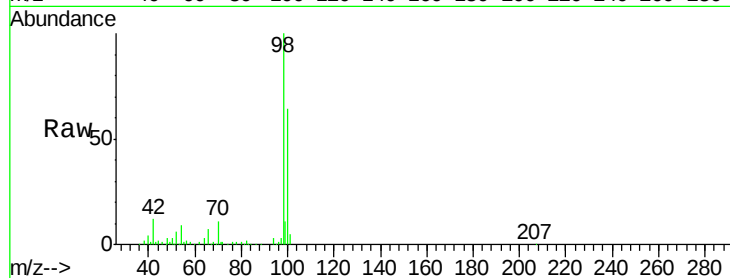
BP-1A

Tgt Ion: 98 Resp: 77796

Ion Ratio Lower Upper

98 100

100 64.7 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 22.49 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

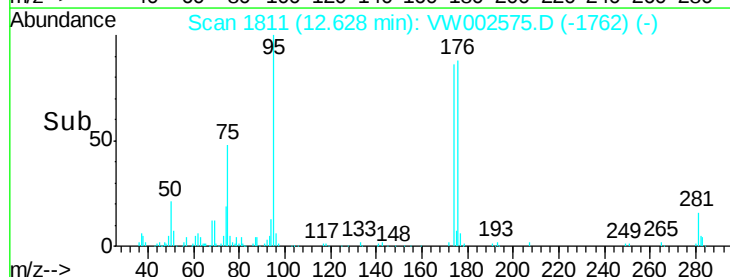
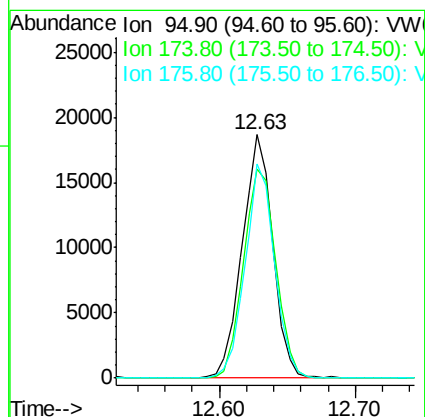
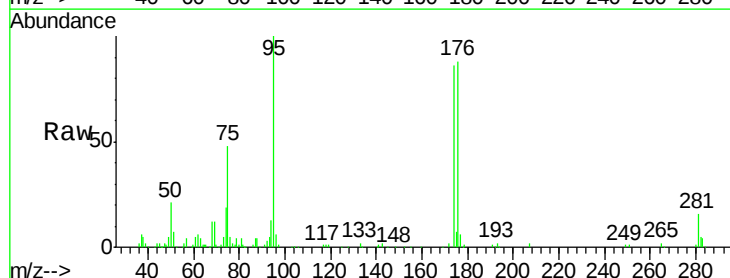
Tgt Ion: 95 Resp: 29239

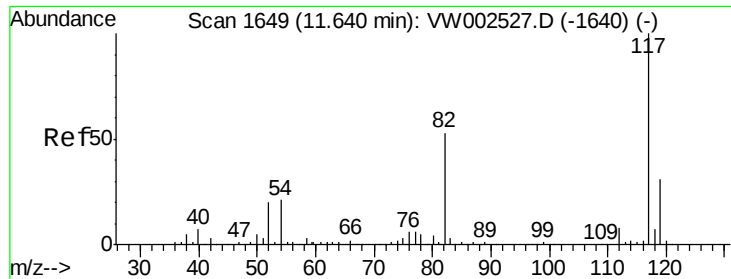
Ion Ratio Lower Upper

95 100

174 91.1 0.0 176.6

176 85.1 0.0 172.2

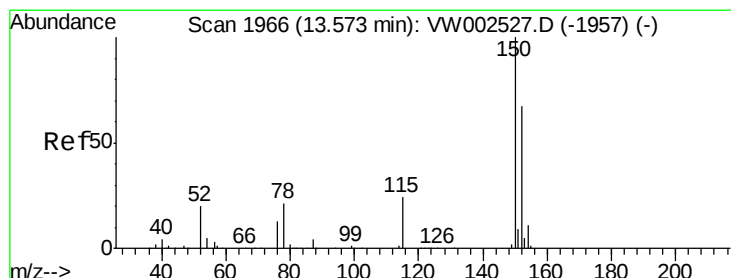
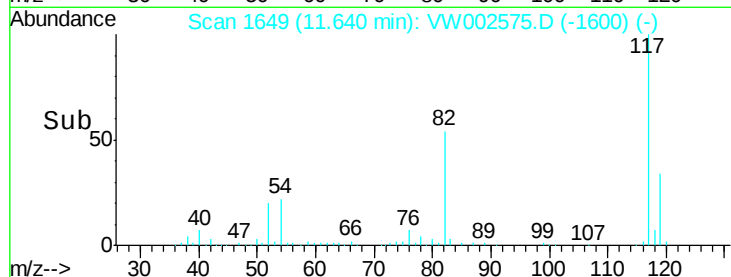
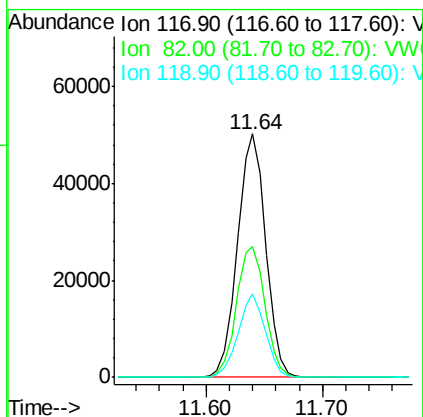
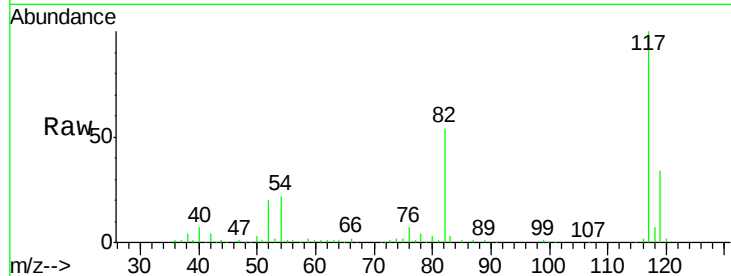




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002575.D
Acq: 16 May 2018 03:28

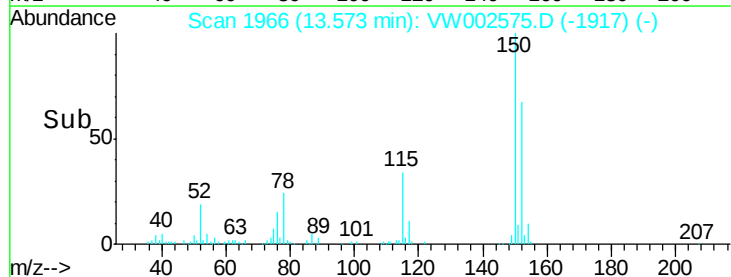
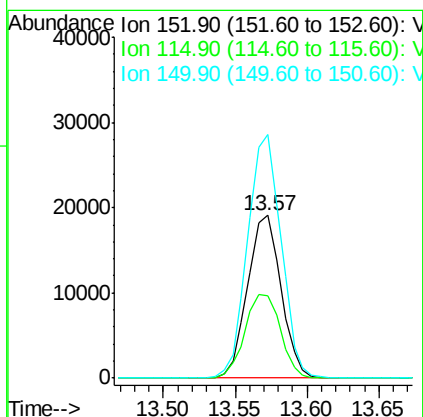
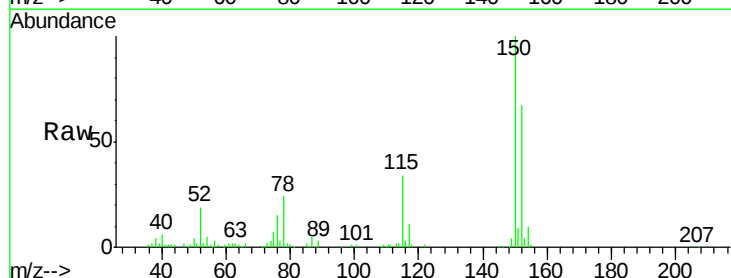
Instrument :
MSVOA_W
ClientSampleId :
BP-1A

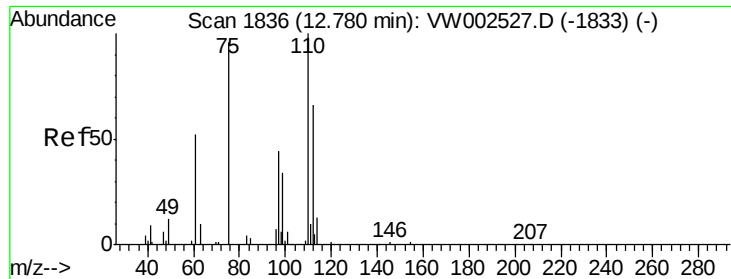
Tgt Ion:117 Resp: 84792
Ion Ratio Lower Upper
117 100
82 54.1 42.6 64.0
119 34.3 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002575.D
Acq: 16 May 2018 03:28

Tgt Ion:152 Resp: 30690
Ion Ratio Lower Upper
152 100
115 54.6 28.0 84.0
150 149.9 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 50.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

Instrument :

MSVOA_W

ClientSampleId :

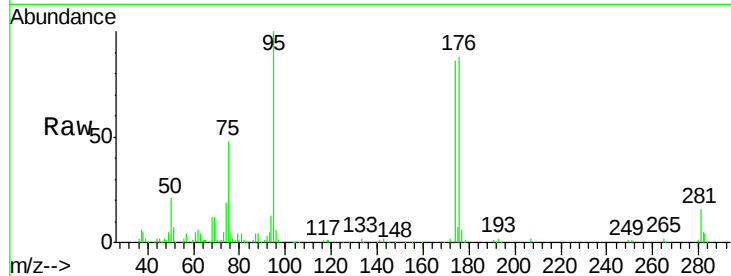
BP-1A

Tgt Ion: 75 Resp: 14743

Ion Ratio Lower Upper

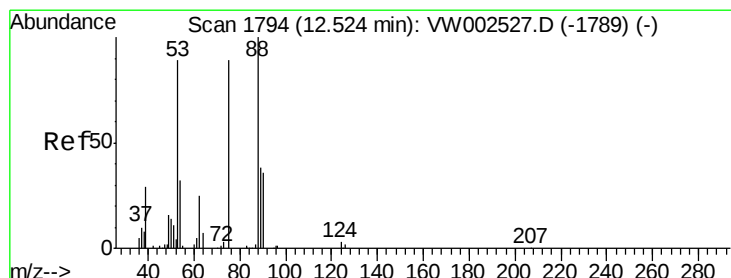
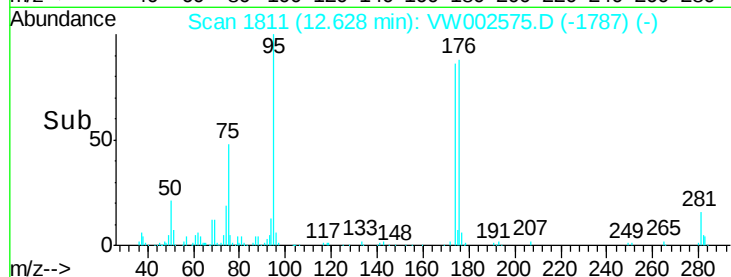
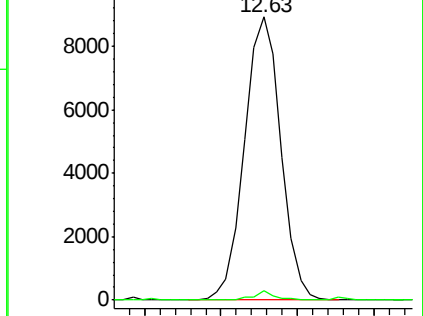
75 100

77 1.8 0.0 0.0#



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: 138.56 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002575.D

Acq: 16 May 2018 03:28

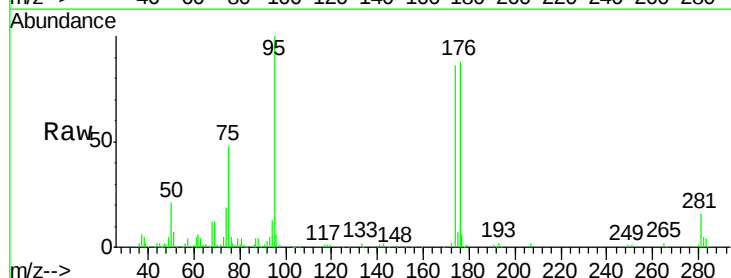
Tgt Ion: 75 Resp: 14743

Ion Ratio Lower Upper

75 100

53 0.3 82.6 124.0#

89 0.4 39.2 58.8#



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

