

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003273.D
 Acq On : 14 Jun 2018 23:59
 Operator : VA/AP
 Sample : J3444-01
 Misc : 5.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44(0-5)

Quant Time: Jun 15 06:48:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	276214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	245462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79363	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	7.88	113	70122	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
50) Toluene-d8	10.33	98	212711	31.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.52%	
62) 4-Bromofluorobenzene	12.63	95	75022	31.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.30%	

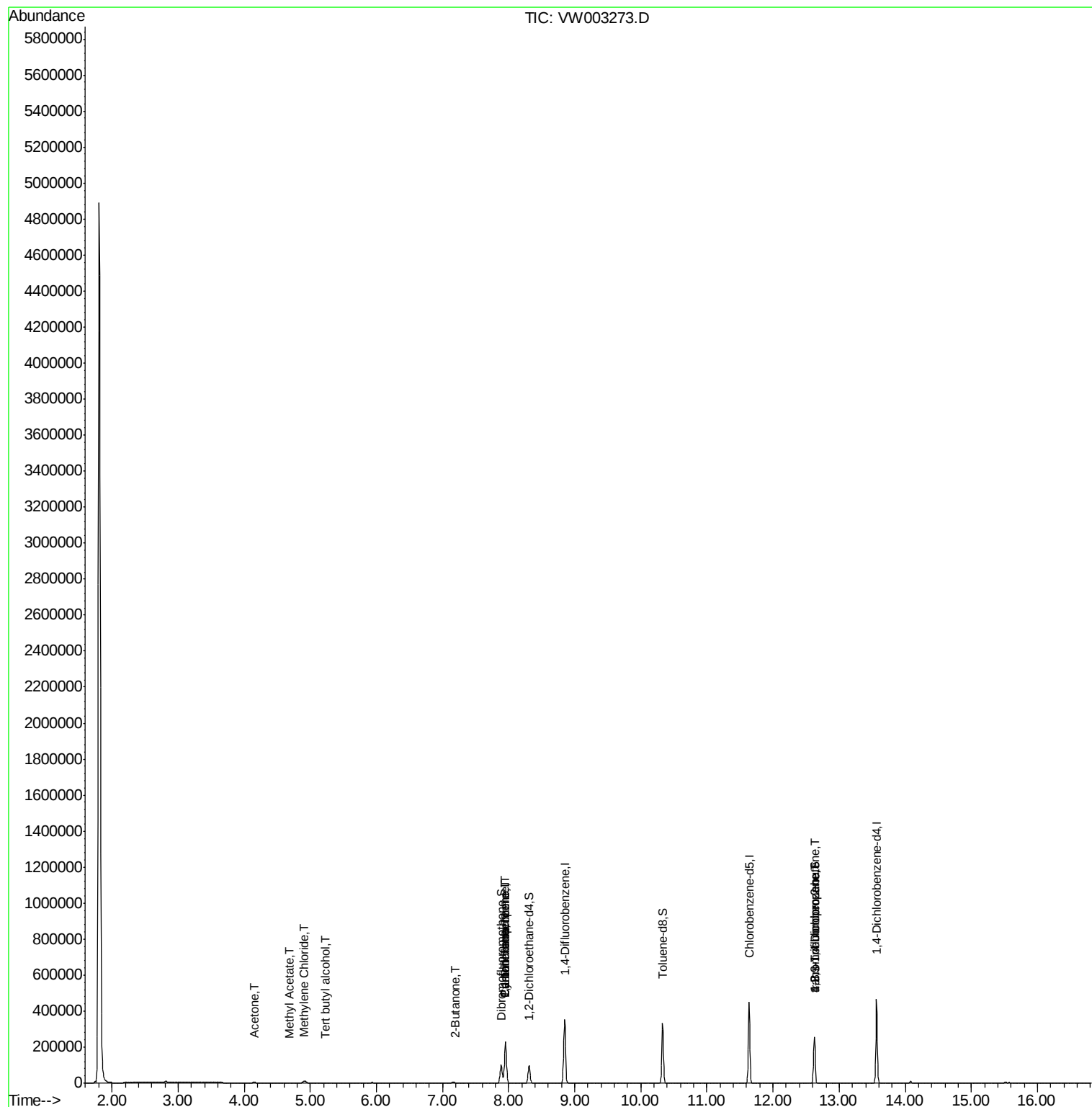
Target Compounds					Qvalue
11) Tert butyl alcohol	5.22	59	121	1.249 ug/l #	84
16) Acetone	4.15	43	9108	24.038 ug/l	98
18) Methyl Acetate	4.67	43	929	1.034 ug/l #	70
20) Methylene Chloride	4.92	84	8554	1.774 ug/l	96
25) 2-Butanone	7.20	43	475	1.008 ug/l #	50
31) Cyclohexane	7.95	56	4246	1.454 ug/l #	29
36) 1,1-Dichloropropene	7.95	75	13855	5.194 ug/l #	49
38) Carbon Tetrachloride	7.95	117	16687	6.377 ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	41420	42.069 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41420	96.804 ug/l #	9

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
Data File : VW003273.D
Acq On : 14 Jun 2018 23:59
Operator : VA/AP
Sample : J3444-01
Misc : 5.83G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-44(0-5)

Quant Time: Jun 15 06:48:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

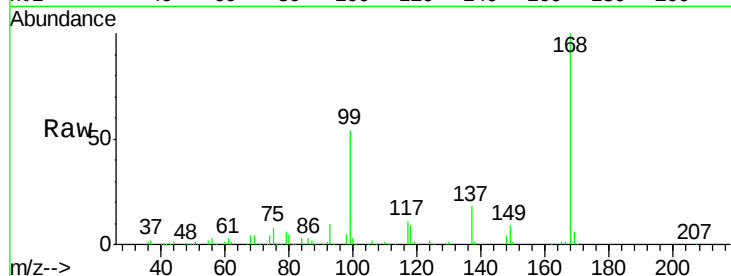
SB-44(0-5)

Tgt Ion:168 Resp: 166789

Ion Ratio Lower Upper

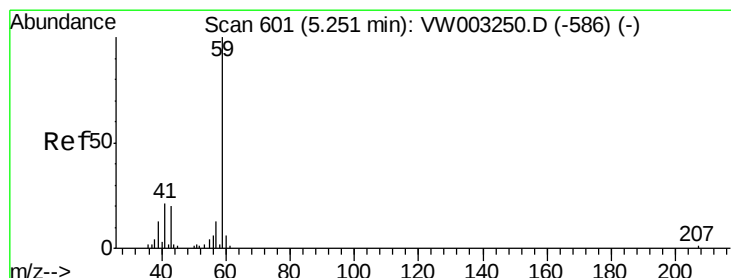
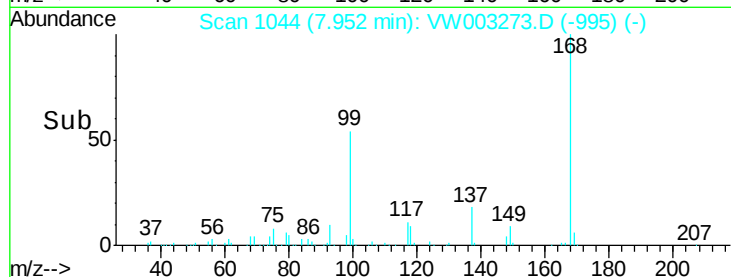
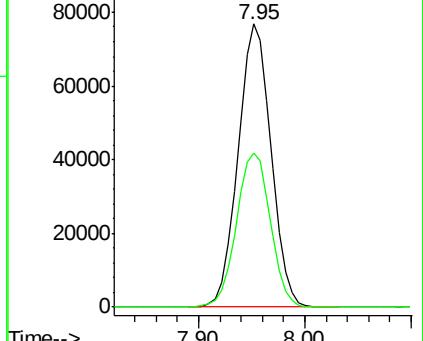
168 100

99 54.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.249 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.03 min

Lab File: VW003273.D

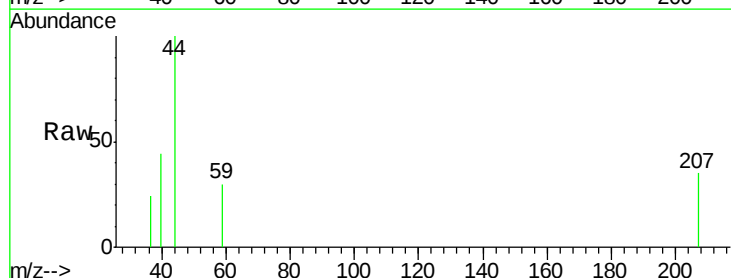
Acq: 14 Jun 2018 23:59

Tgt Ion: 59 Resp: 121

Ion Ratio Lower Upper

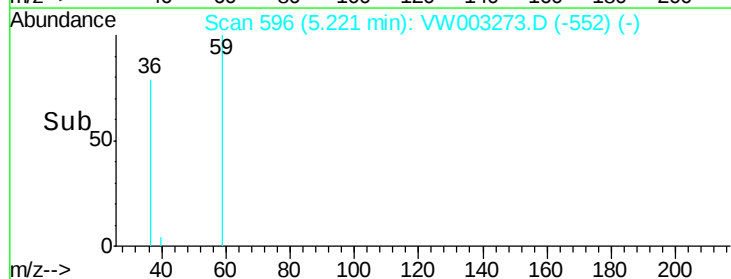
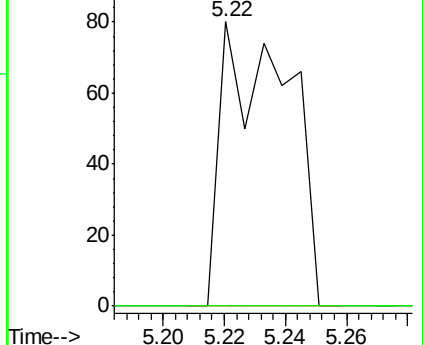
59 100

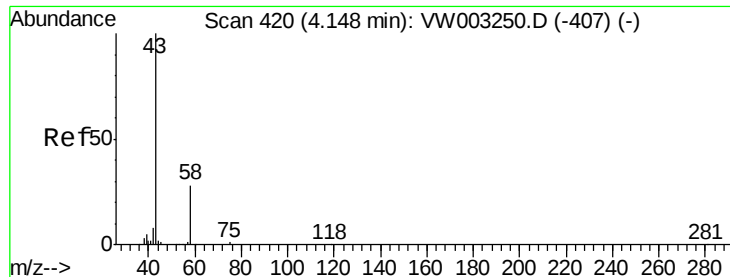
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 24.038 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

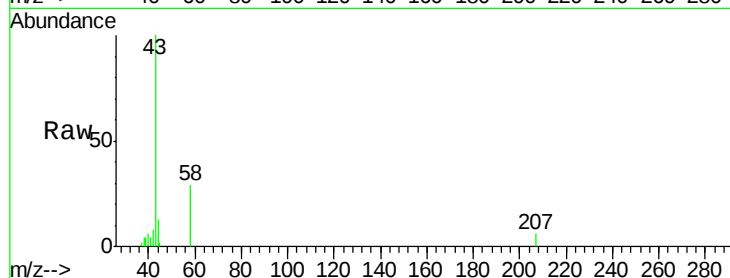
SB-44(0-5)

Tgt Ion: 43 Resp: 9108

Ion Ratio Lower Upper

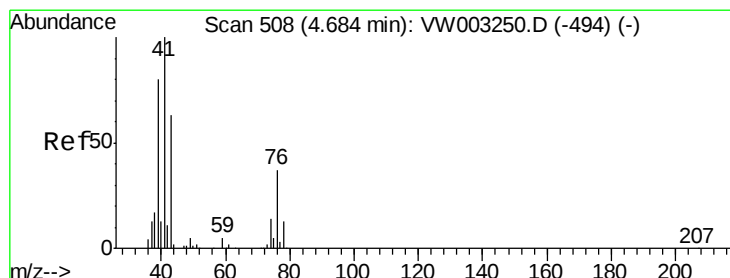
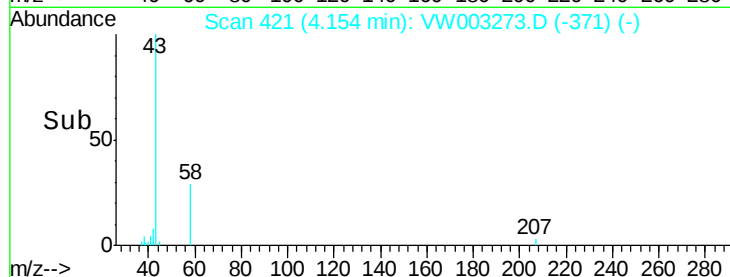
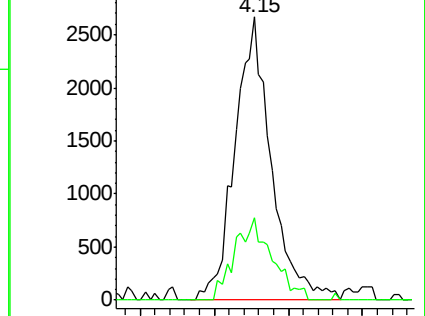
43 100

58 29.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003273.D

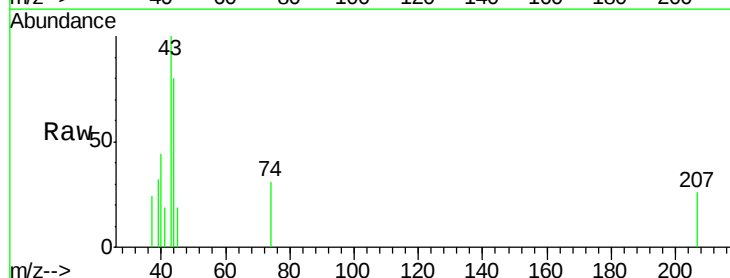
Acq: 14 Jun 2018 23:59

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

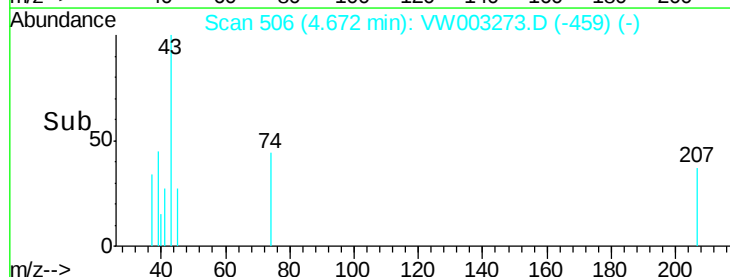
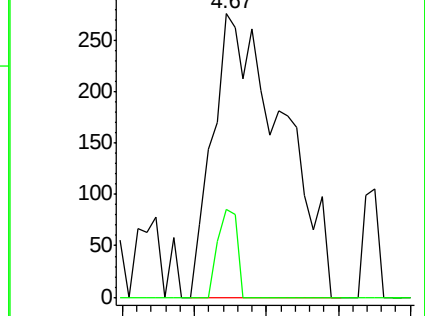
43 100

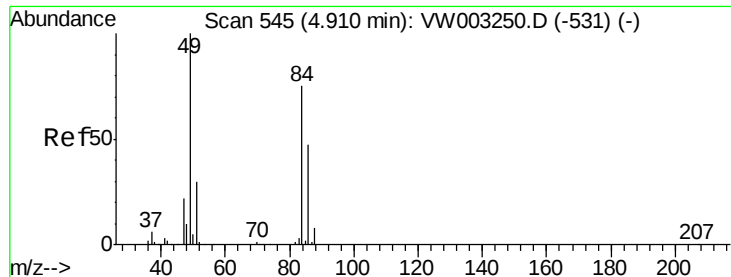
74 8.6 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 1.774 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

SB-44(0-5)

Tgt Ion: 84 Resp: 8554

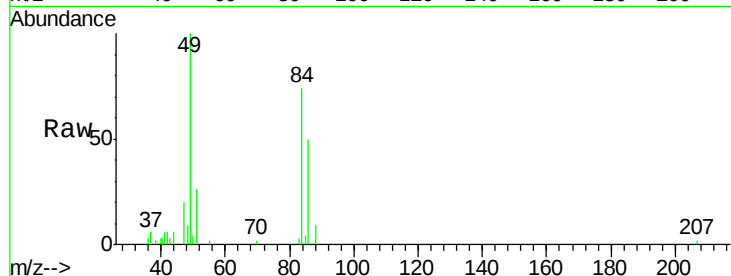
Ion Ratio Lower Upper

84 100

49 134.8 106.3 159.5

51 35.6 32.0 48.0

86 66.9 49.9 74.9

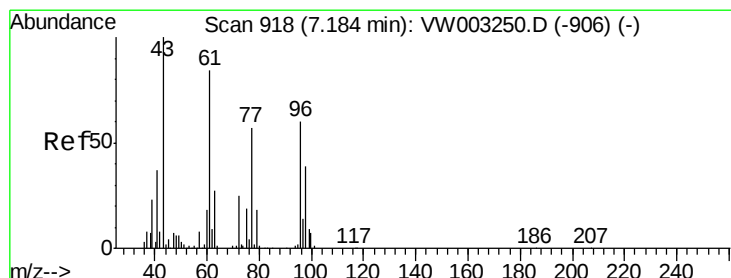
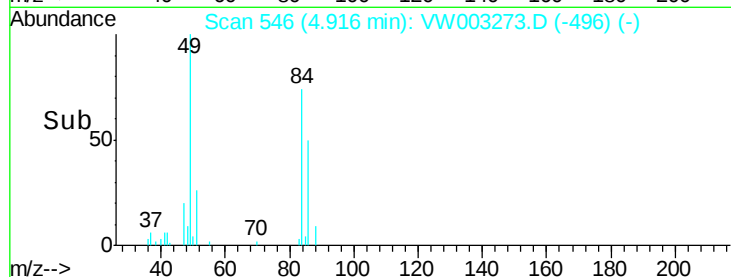
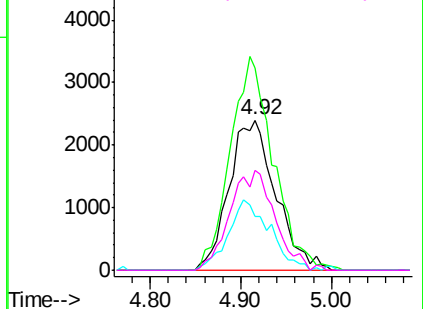


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.008 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003273.D

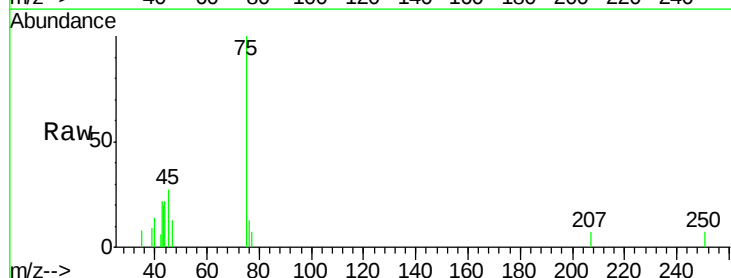
Acq: 14 Jun 2018 23:59

Tgt Ion: 43 Resp: 475

Ion Ratio Lower Upper

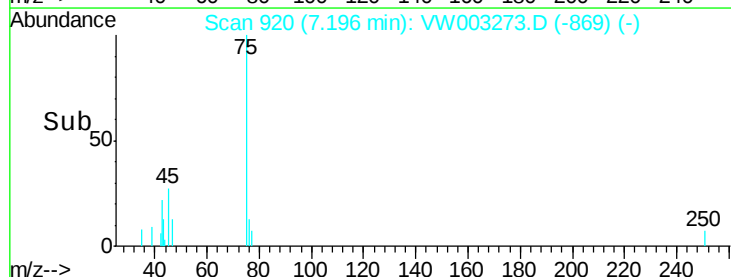
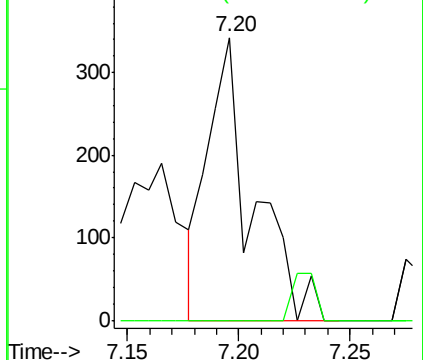
43 100

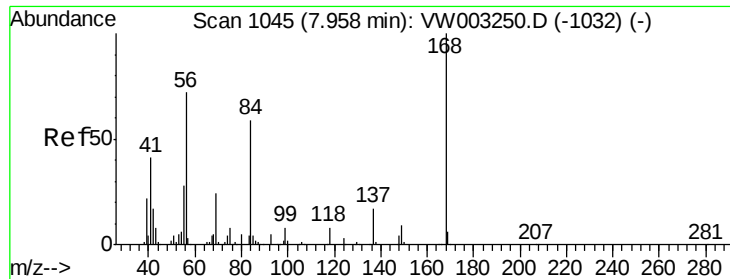
72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

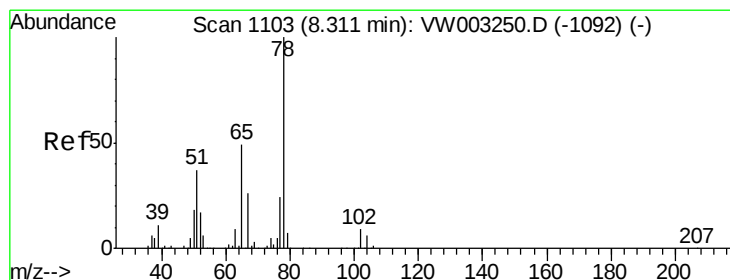
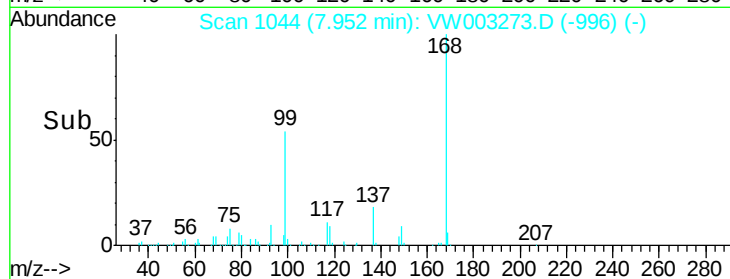
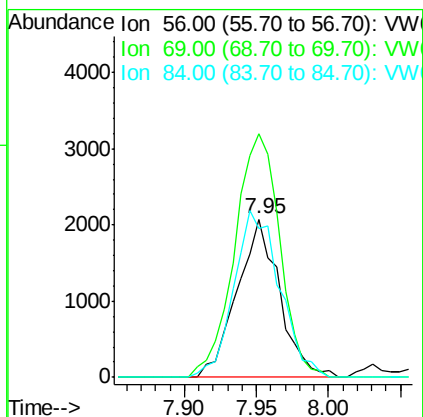
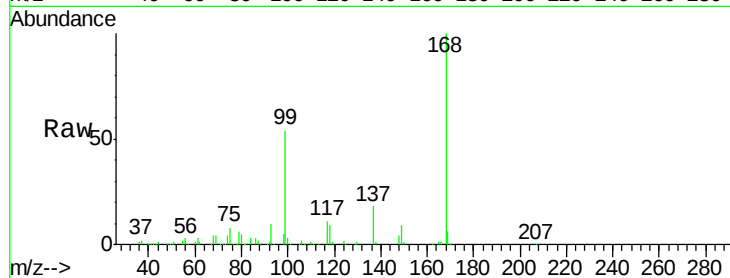




#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003273.D
Acq: 14 Jun 2018 23:59

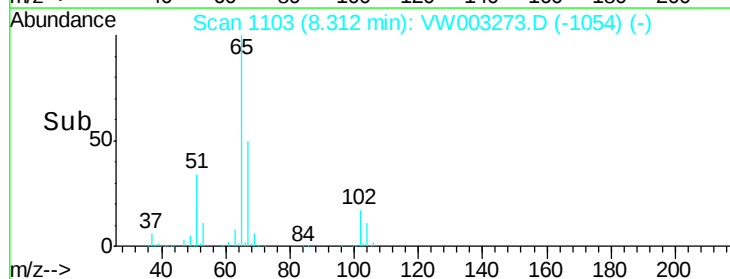
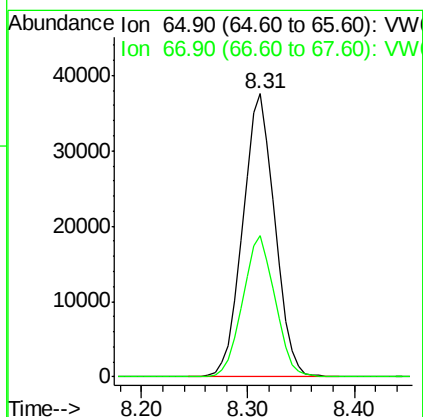
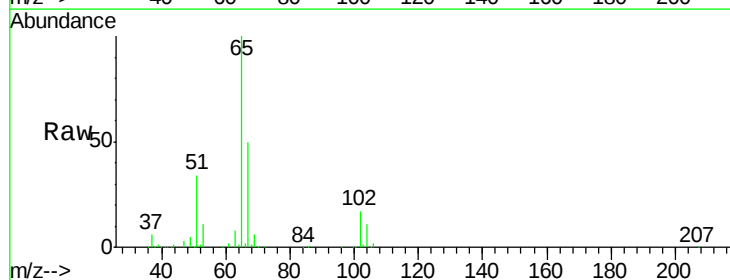
Instrument :
MSVOA_W
ClientSampleId :
SB-44(0-5)

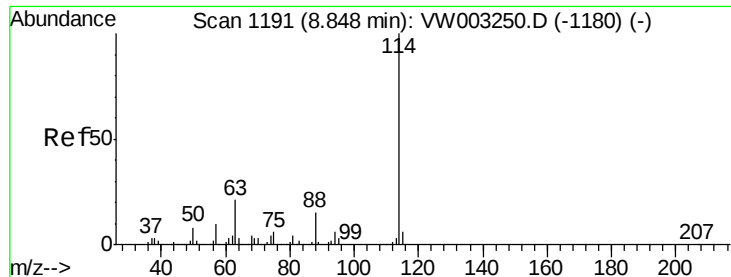
Tgt Ion: 56 Resp: 4246
Ion Ratio Lower Upper
56 100
69 153.8 26.3 39.5#
84 94.0 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 43.930 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003273.D
Acq: 14 Jun 2018 23:59

Tgt Ion: 65 Resp: 79363
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.2

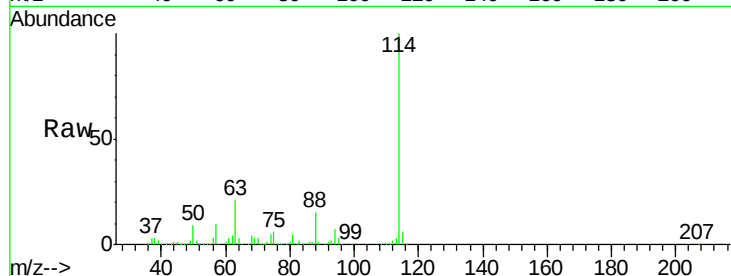




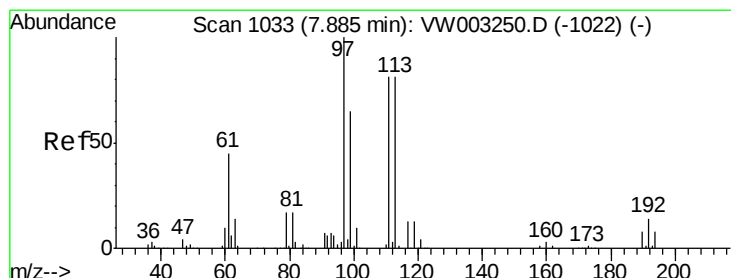
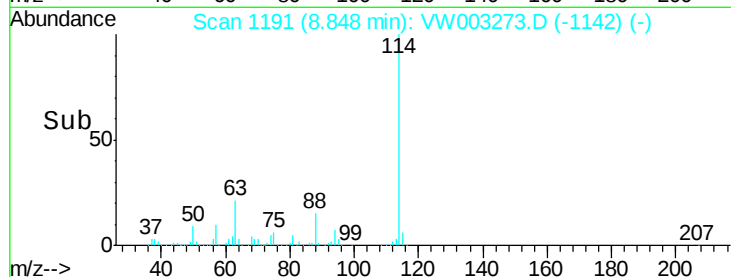
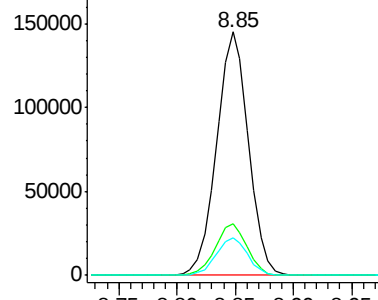
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003273.D
 Acq: 14 Jun 2018 23:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44(0-5)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.0
88	15.2	0.0	29.6

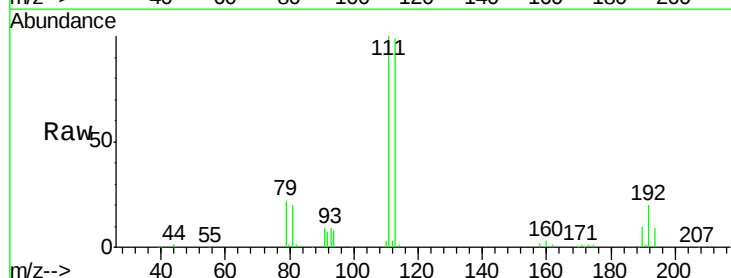


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

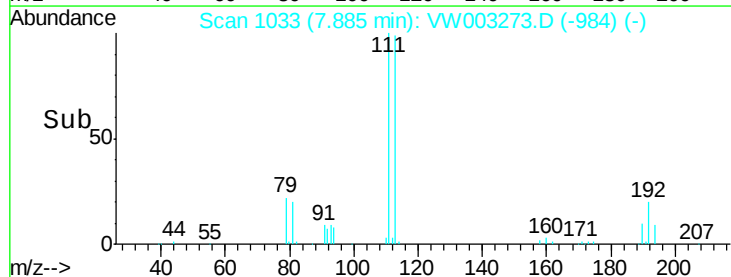
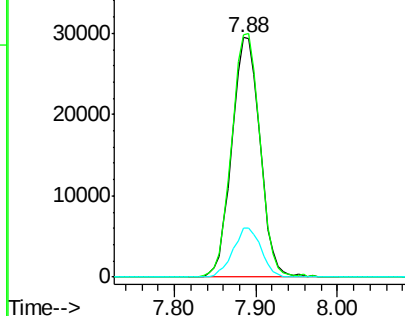


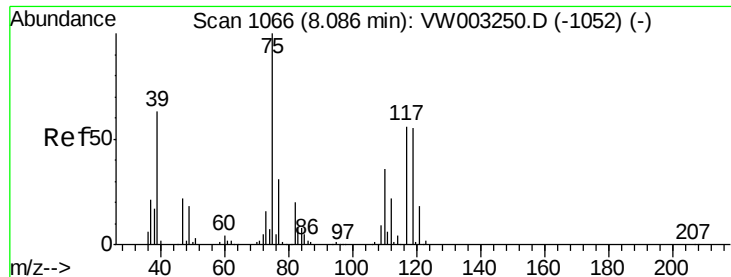
#35
 Dibromofluoromethane
 Concen: 40.856 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003273.D
 Acq: 14 Jun 2018 23:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.4	16.2	24.2



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

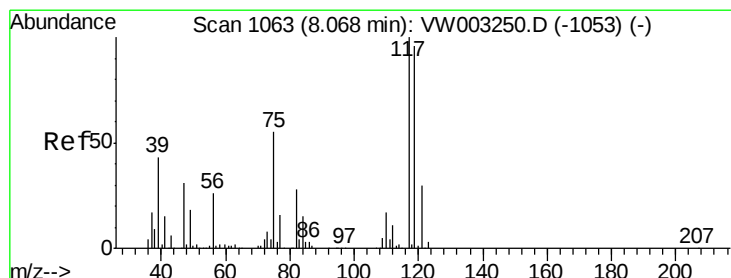
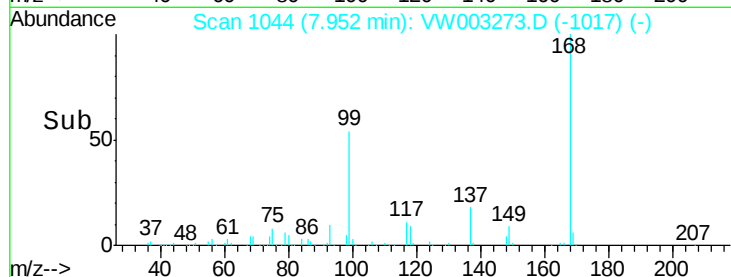
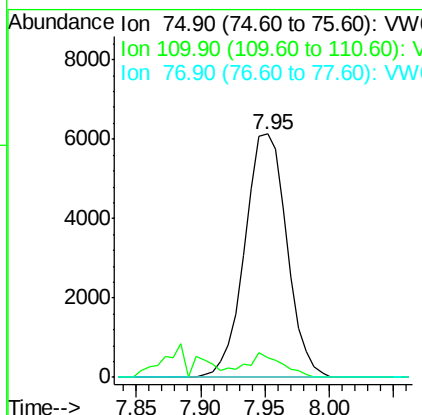
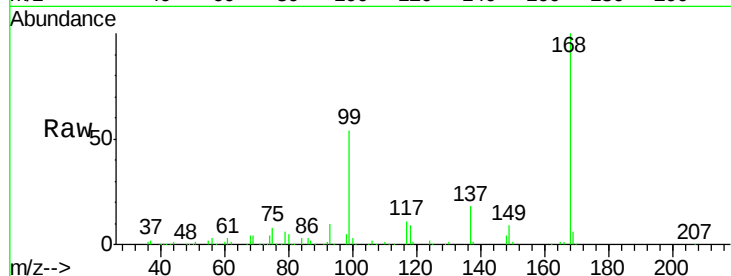




#36
 1,1-Dichloropropene
 Concen: 5.194 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003273.D
 Acq: 14 Jun 2018 23:59

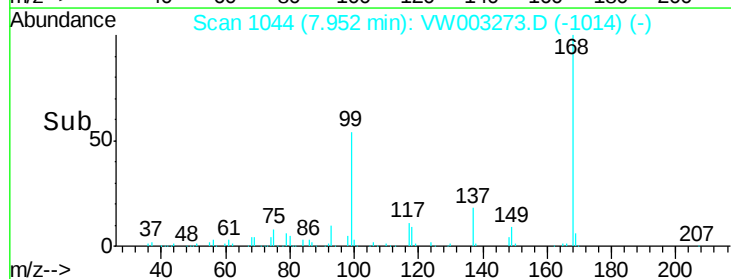
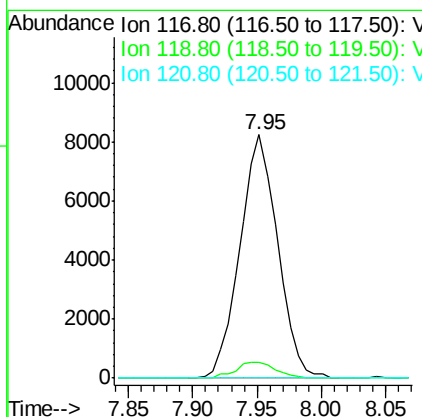
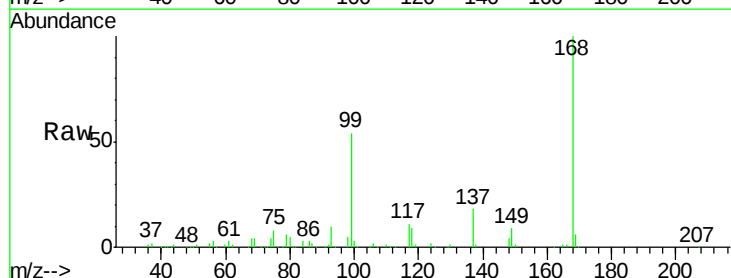
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44(0-5)

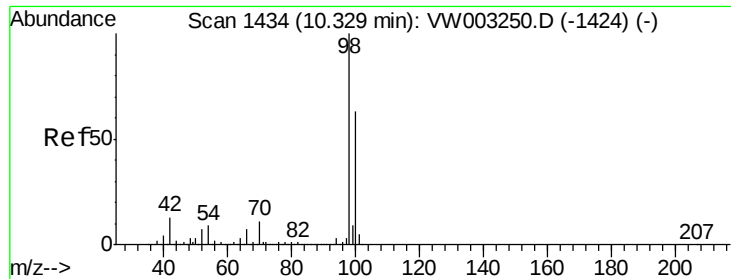
Tgt Ion: 75 Resp: 13855
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003273.D
 Acq: 14 Jun 2018 23:59

Tgt Ion: 117 Resp: 16687
 Ion Ratio Lower Upper
 117 100
 119 6.6 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 31.256 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Instrument :

MSVOA_W

ClientSampled :

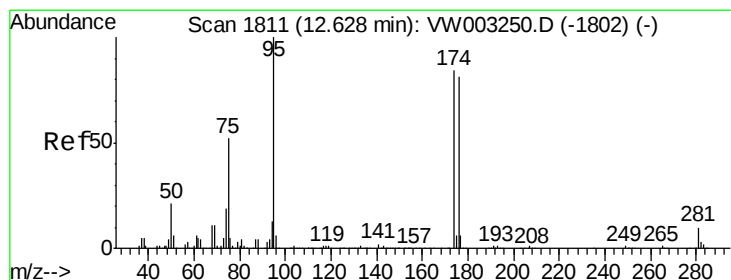
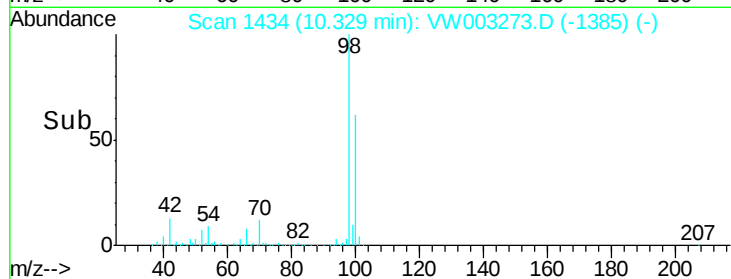
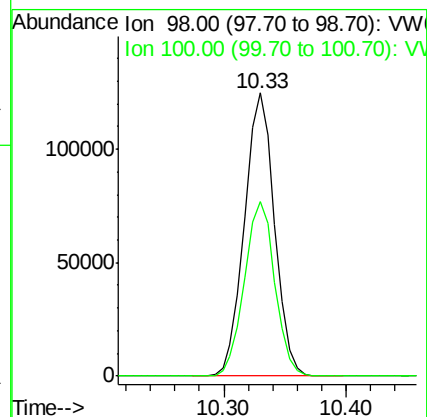
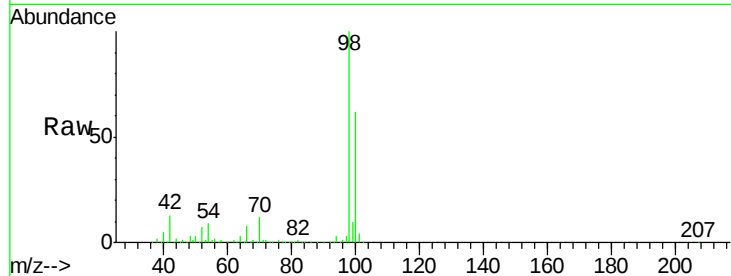
SB-44(0-5)

Tgt Ion: 98 Resp: 212711

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 31.150 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

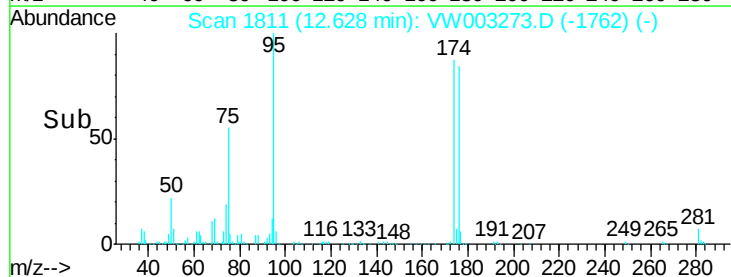
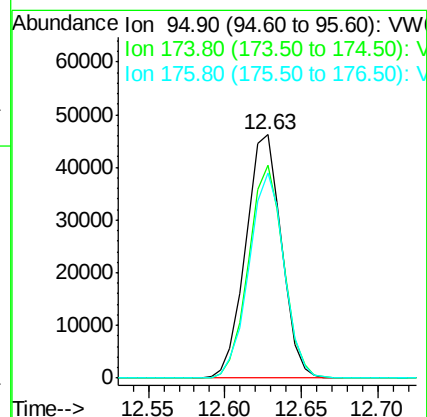
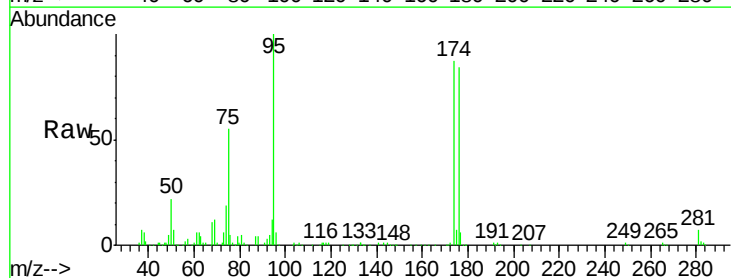
Tgt Ion: 95 Resp: 75022

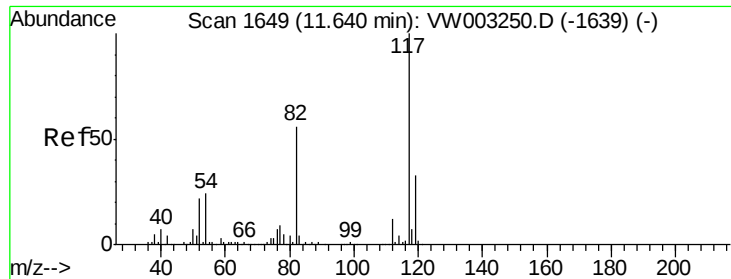
Ion Ratio Lower Upper

95 100

174 85.7 0.0 166.4

176 82.6 0.0 162.0

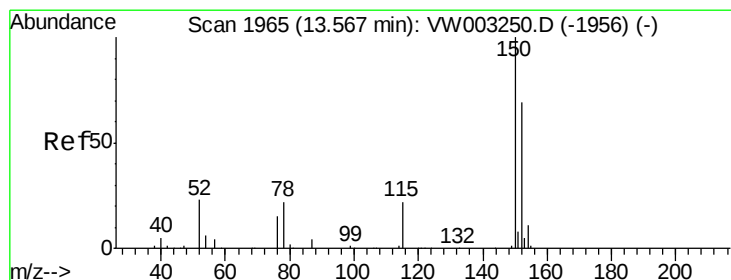
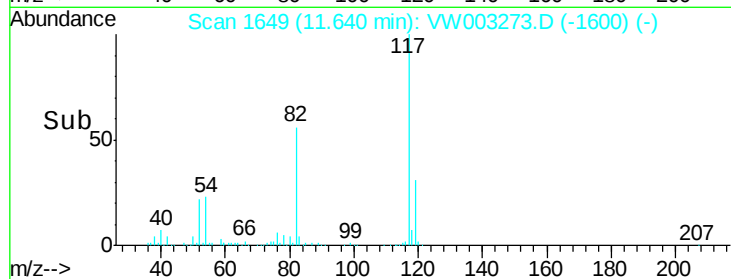
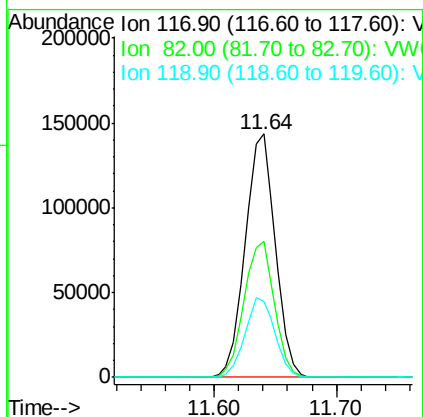
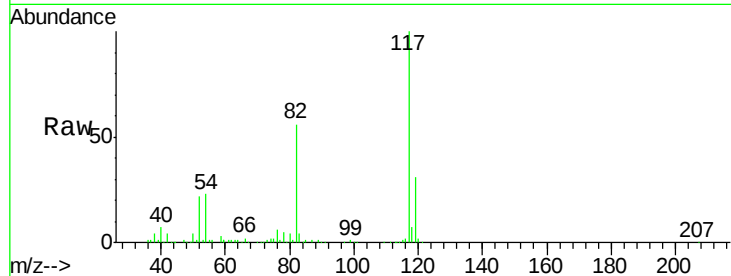




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003273.D
Acq: 14 Jun 2018 23:59

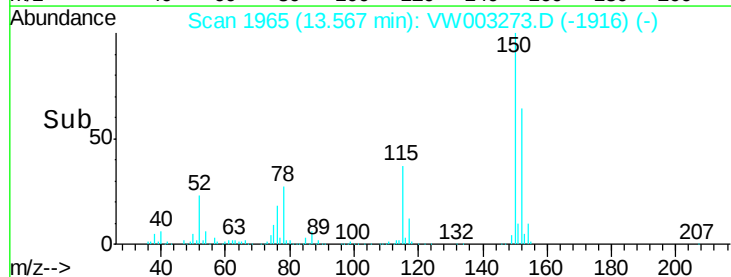
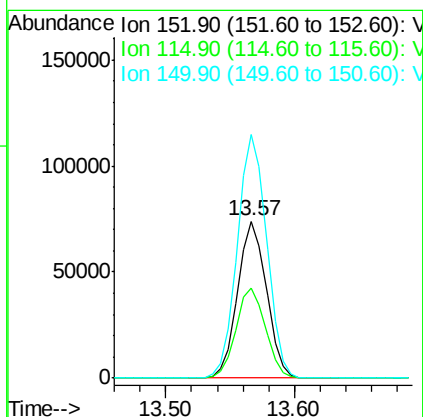
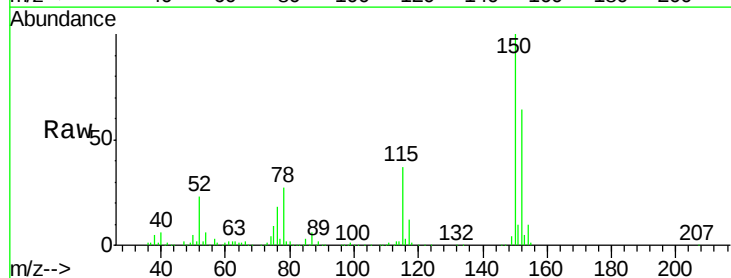
Instrument :
MSVOA_W
ClientSampleId :
SB-44(0-5)

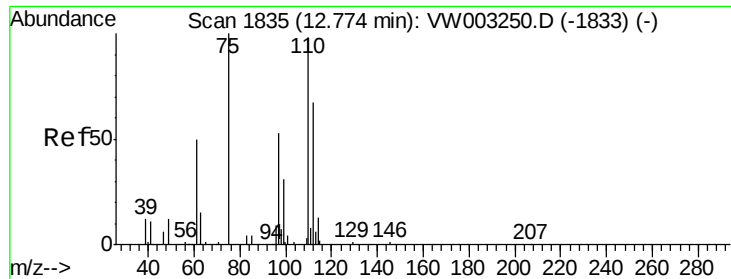
Tgt Ion:117 Resp: 245462
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003273.D
Acq: 14 Jun 2018 23:59

Tgt Ion:152 Resp: 115169
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 156.9 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 42.069 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

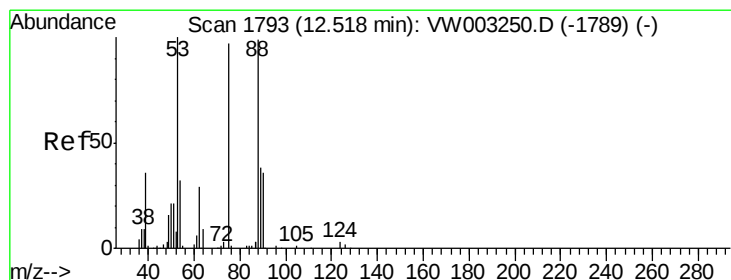
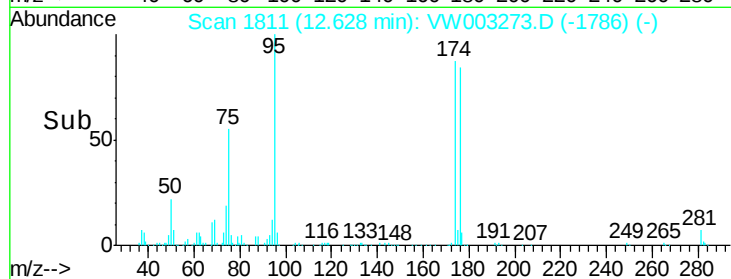
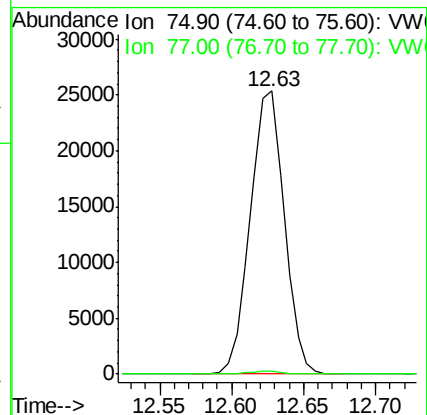
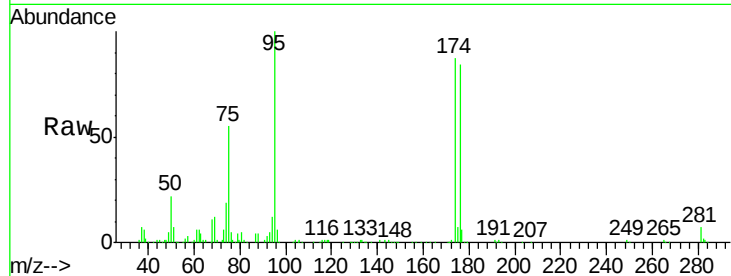
SB-44(0-5)

Tgt Ion: 75 Resp: 41420

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.804 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003273.D

Acq: 14 Jun 2018 23:59

Tgt Ion: 75 Resp: 41420

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.1 36.7 55.1#

