

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003622.D
 Acq On : 27 Jun 2018 18:58
 Operator : SY/AP
 Sample : J3048-06
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:34:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

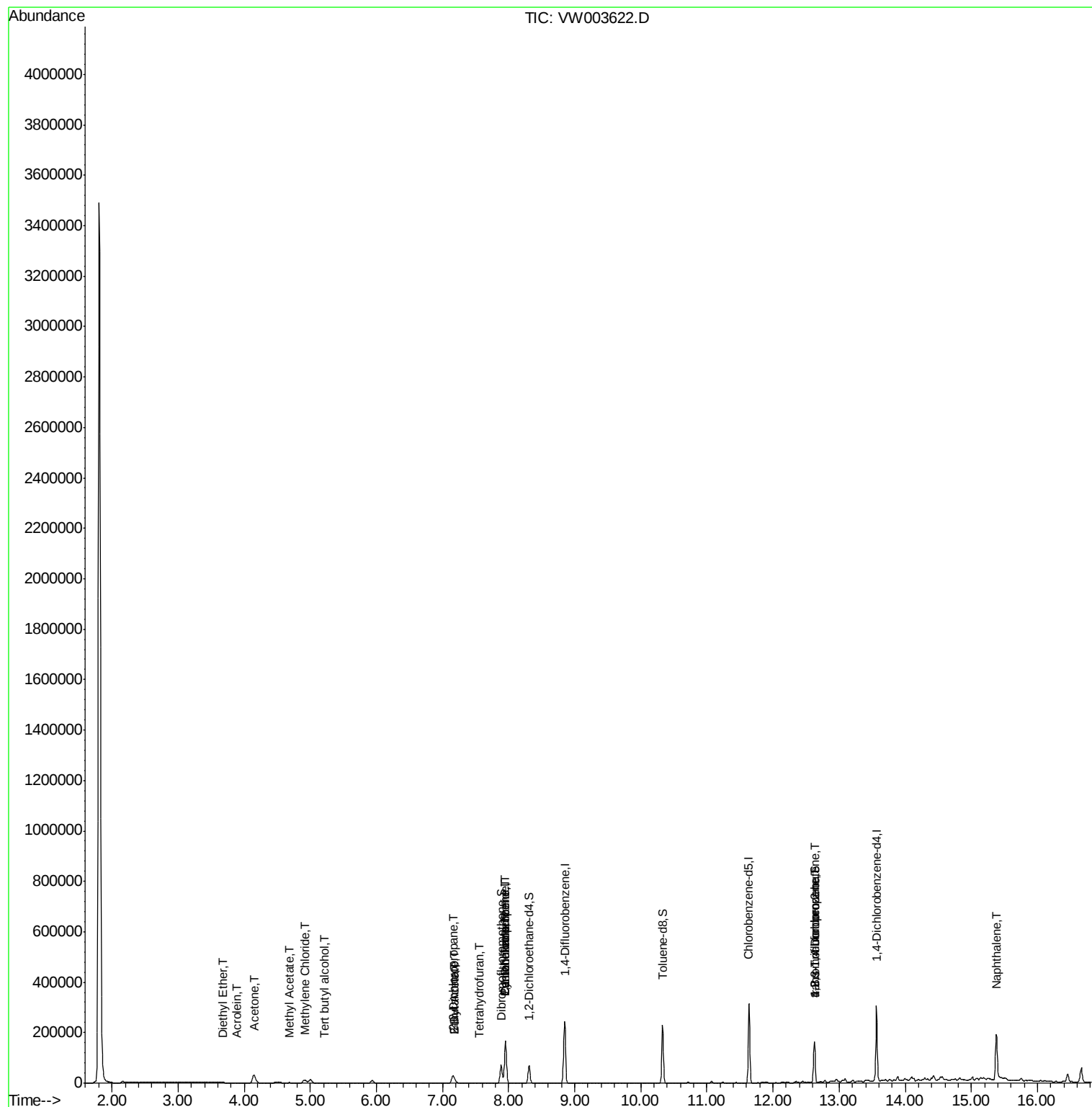
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	169041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56046	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
35) Dibromofluoromethane	7.88	113	50159	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
50) Toluene-d8	10.33	98	148262	30.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.62%	
62) 4-Bromofluorobenzene	12.63	95	48249	28.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.66%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	772	1.315	ug/l	64
11) Tert butyl alcohol	5.21	59	476	6.839	ug/l #	80
13) Acrolein	3.90	56	109	1.095	ug/l #	15
16) Acetone	4.15	43	70400	258.632	ug/l	98
18) Methyl Acetate	4.68	43	3502	5.423	ug/l	94
20) Methylene Chloride	4.92	84	9259	4.680	ug/l	96
25) 2-Butanone	7.19	43	7033	20.778	ug/l #	89
26) 2,2-Dichloropropane	7.15	77	2126	1.419	ug/l #	53
29) Tetrahydrofuran	7.56	42	410	1.982	ug/l #	40
31) Cyclohexane	7.95	56	3484	1.661	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	10384	5.505	ug/l #	49
37) Ethyl Acetate	7.19	43	7033	8.999	ug/l #	69
38) Carbon Tetrachloride	7.95	117	12529	6.771	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	25894	40.981	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25894	94.300	ug/l #	9
95) Naphthalene	15.38	128	156546	61.019	ug/l	99

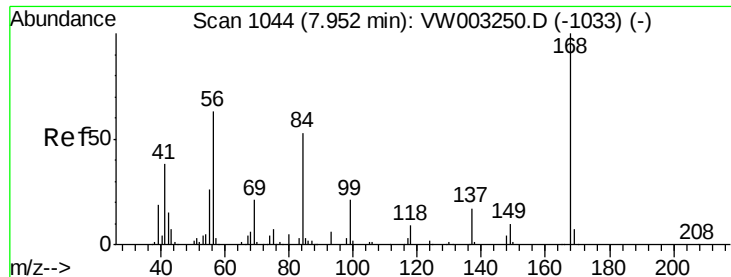
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

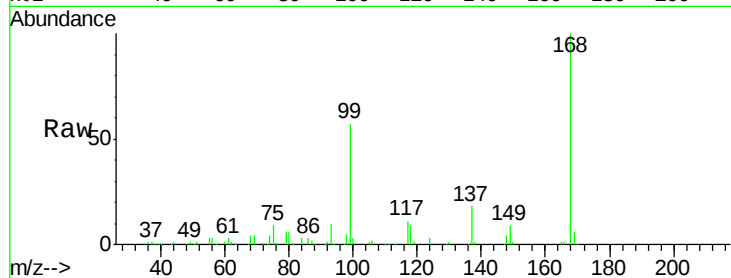
ClientSampled :

Tot Ion:168 Resp: 119823

Ion Ratio Lower Upper

168 100

99 57.2 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

60000

50000

40000

30000

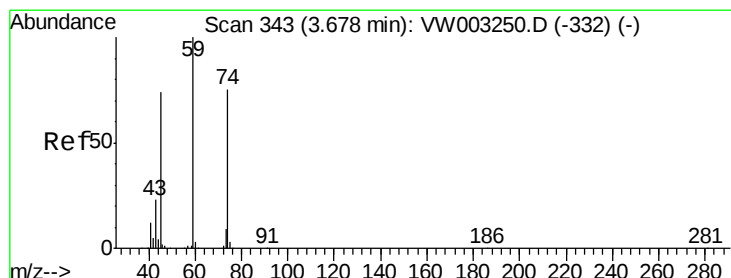
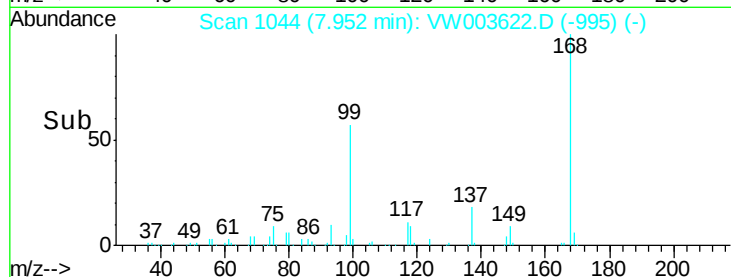
20000

10000

0

Time-->

7.90 8.00



#8

Diethyl Ether

Concen: 1.315 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003622.D

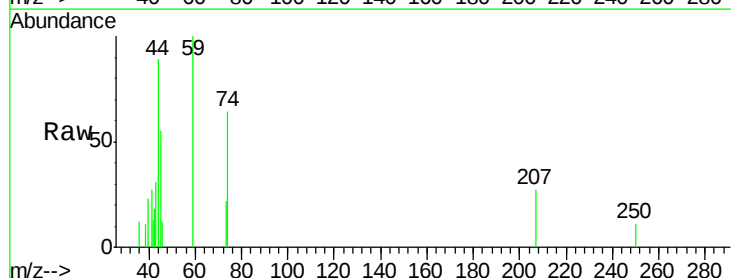
Acq: 27 Jun 2018 18:58

Tgt Ion: 74 Resp: 772

Ion Ratio Lower Upper

74 100

45 139.6 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

500

400

300

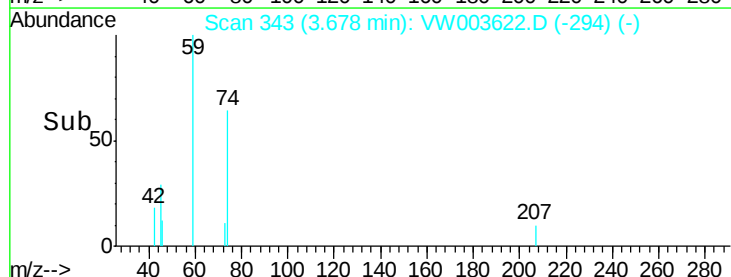
200

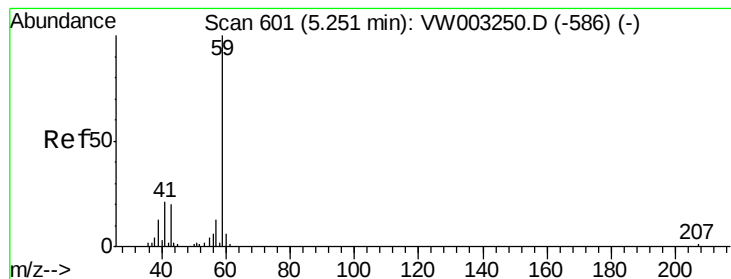
100

0

Time-->

3.65 3.70



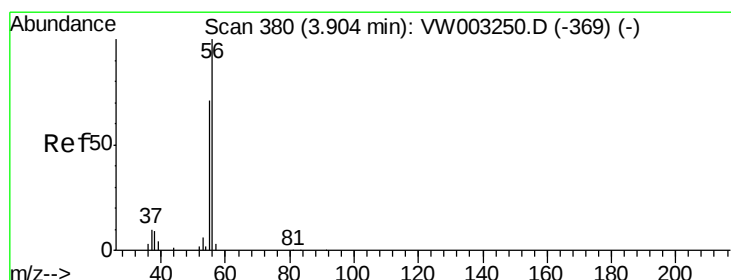
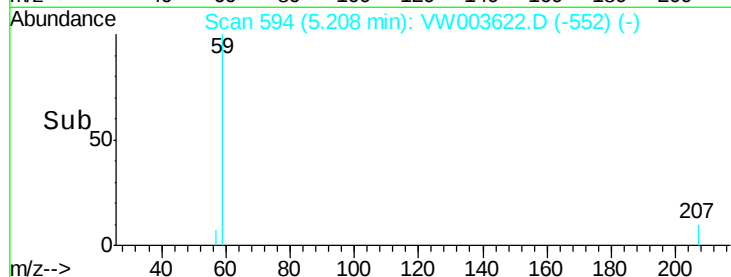
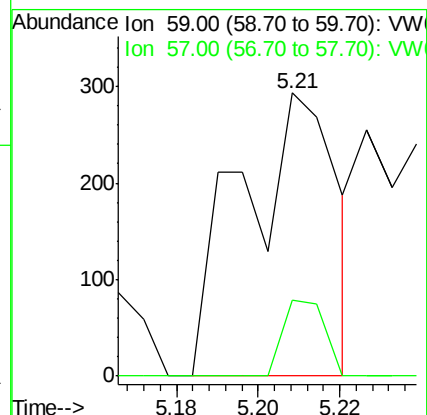
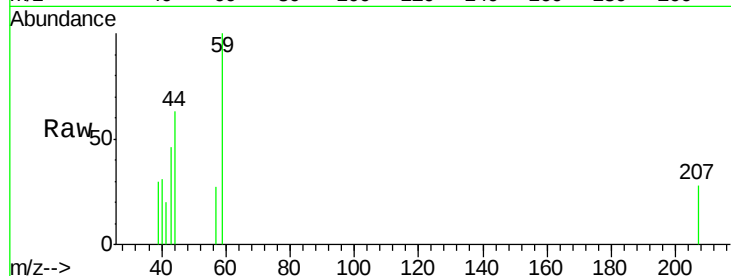


#11

Tert butyl alcohol
Concen: 6.839 ug/l
RT: 5.21 min Scan# 594
Delta R.T. -0.04 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Instrument :
MSVOA_W
ClientSampled :

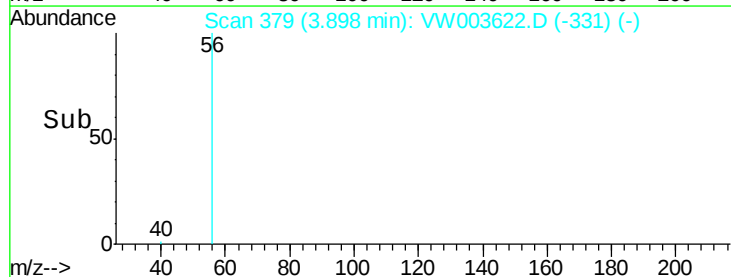
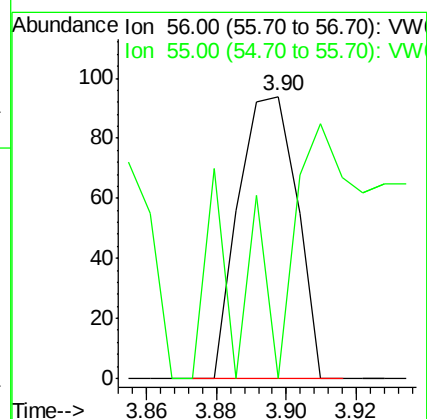
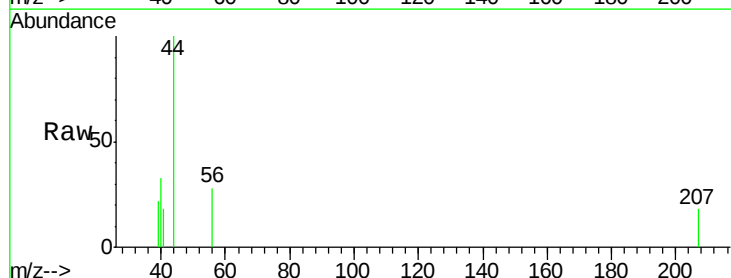
Tot Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 11.8 4.2 6.2#

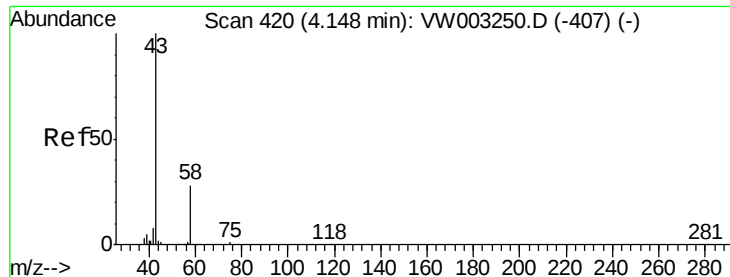


#13

Acrolein
Concen: 1.095 ug/l
RT: 3.90 min Scan# 379
Delta R.T. -0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 138.5 55.4 83.2#





#16

Acetone

Concen: 258.632 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

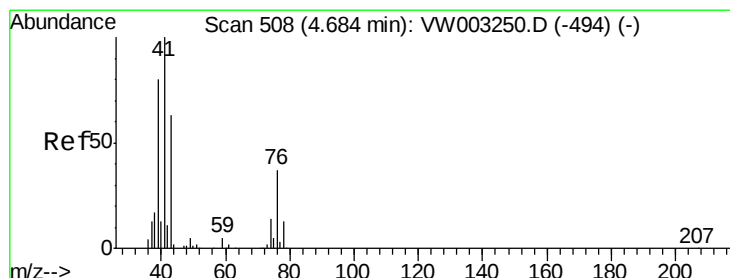
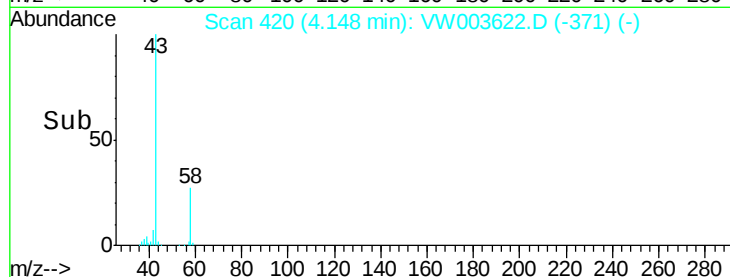
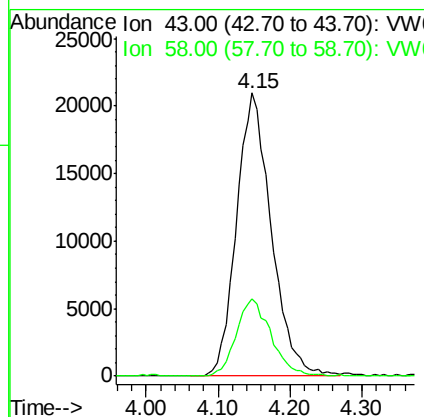
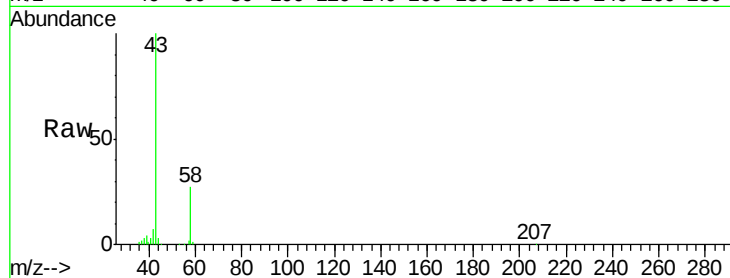
ClientSampleId :

Tot Ion: 43 Resp: 70400

Ion Ratio Lower Upper

43 100

58 27.5 22.6 34.0



#18

Methyl Acetate

Concen: 5.423 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003622.D

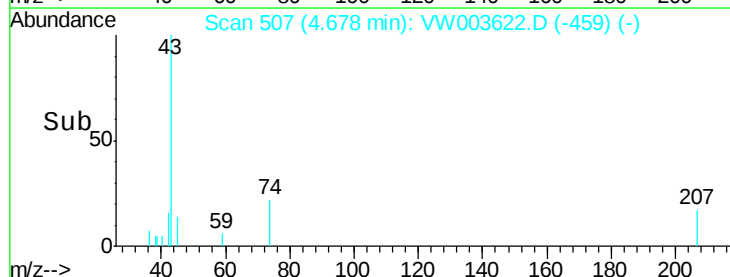
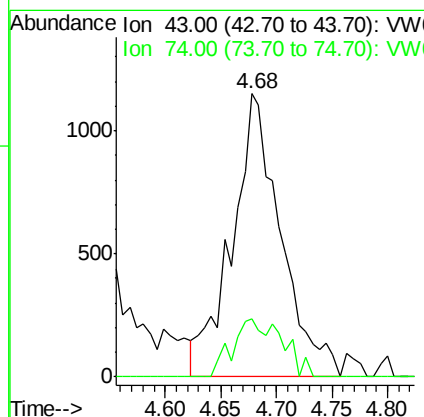
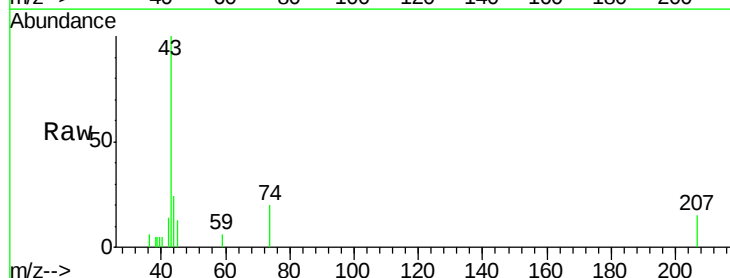
Acq: 27 Jun 2018 18:58

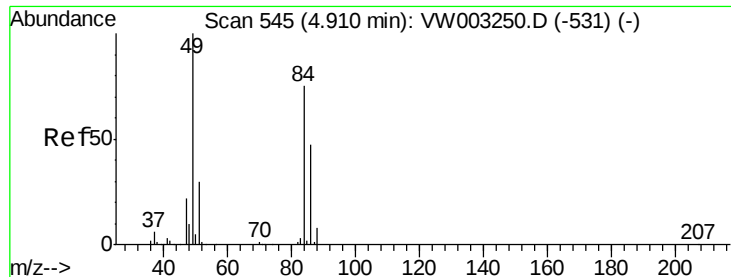
Tgt Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

74 20.6 18.7 28.1

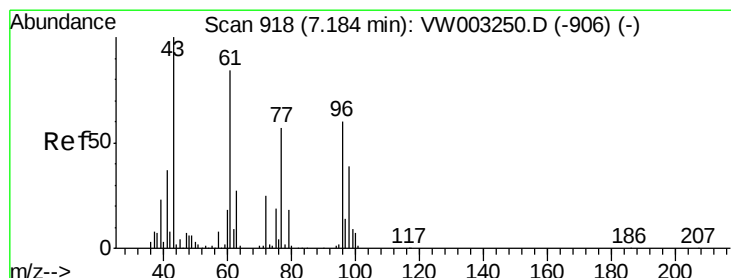
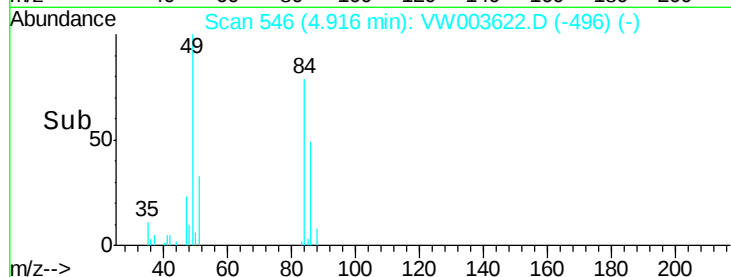
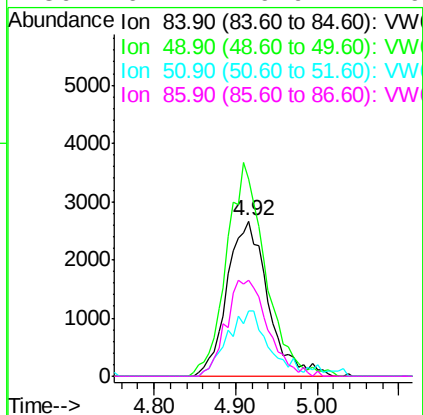
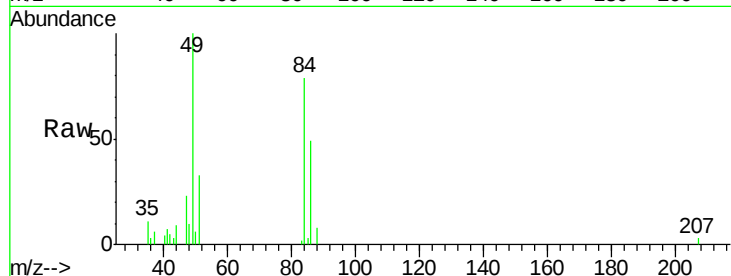




#20
Methylene Chloride
Concen: 4.680 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

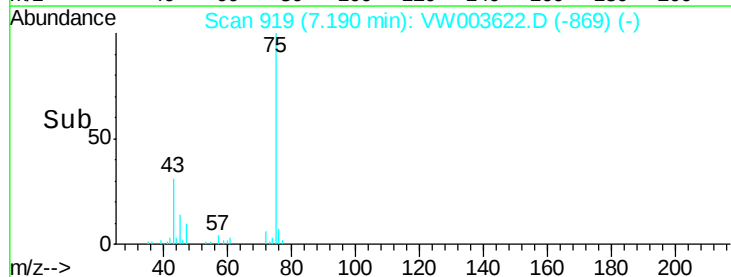
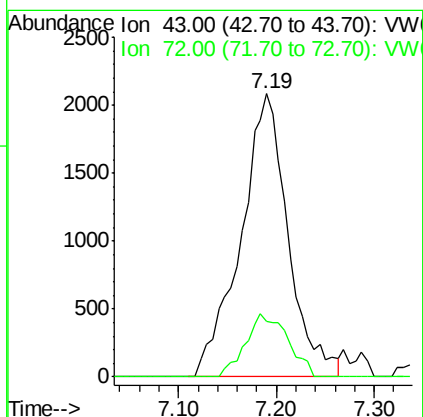
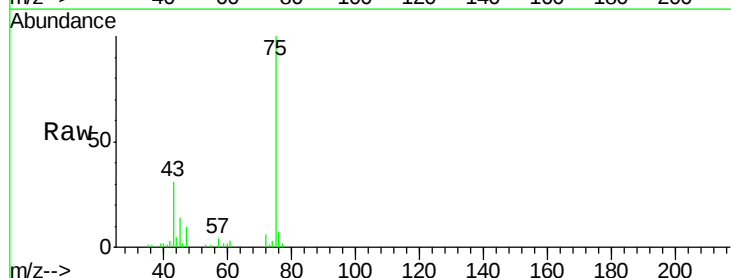
Instrument :
MSVOA_W
ClientSampled :

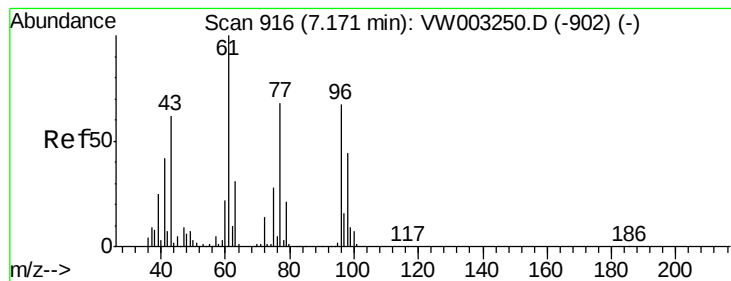
Tot Ion: 84 Resp: 9259
Ion Ratio Lower Upper
84 100
49 126.7 106.3 159.5
51 42.3 32.0 48.0
86 61.7 49.9 74.9



#25
2-Butanone
Concen: 20.778 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion: 43 Resp: 7033
Ion Ratio Lower Upper
43 100
72 19.8 20.3 30.5#





#26

2,2-Dichloropropane

Concen: 1.419 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

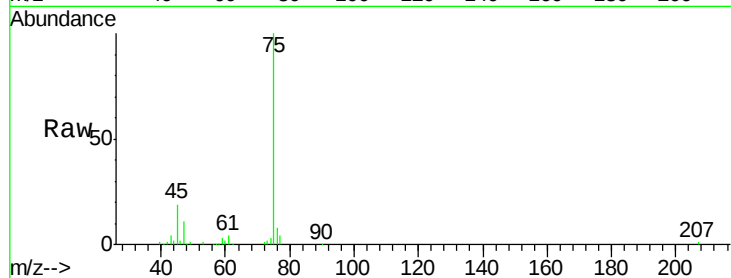
ClientSampled :

Tot Ion: 77 Resp: 2126

Ion Ratio Lower Upper

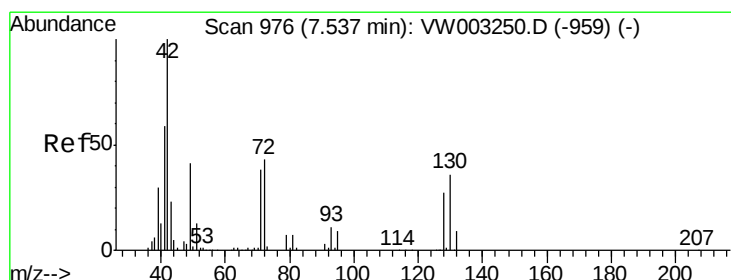
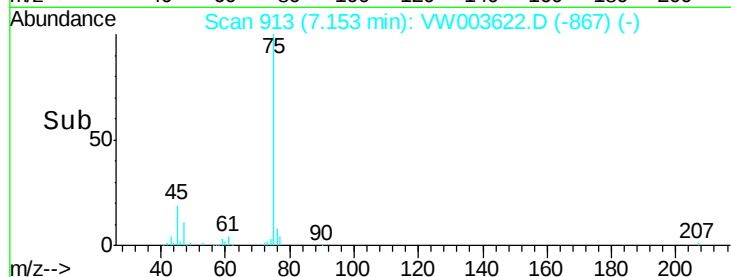
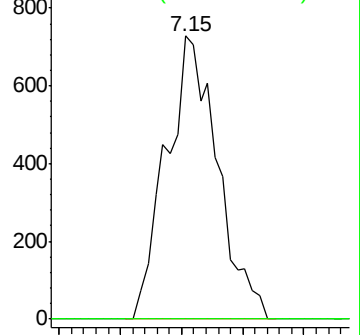
77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 1.982 ug/l

RT: 7.56 min Scan# 979

Delta R.T. 0.02 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

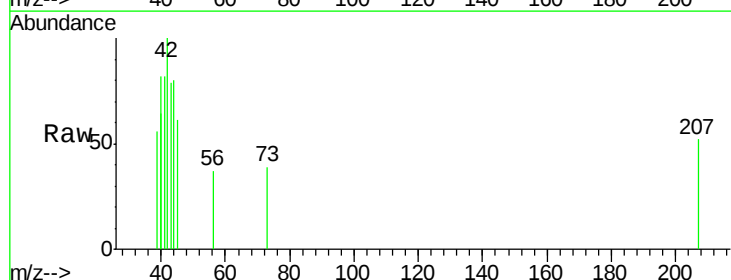
Tgt Ion: 42 Resp: 410

Ion Ratio Lower Upper

42 100

72 5.1 32.4 48.6#

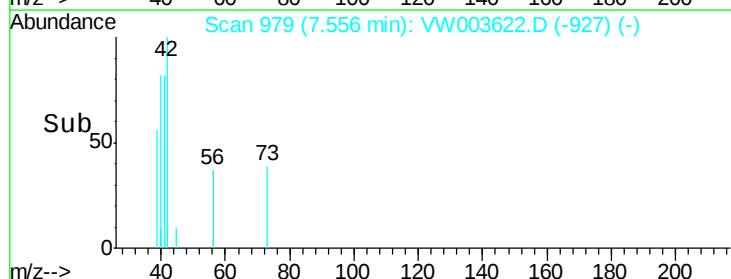
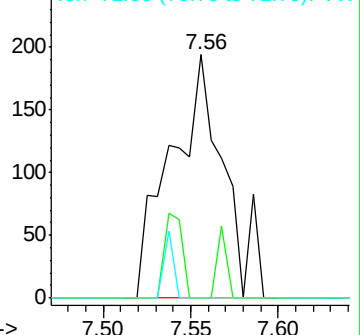
71 0.0 31.2 46.8#

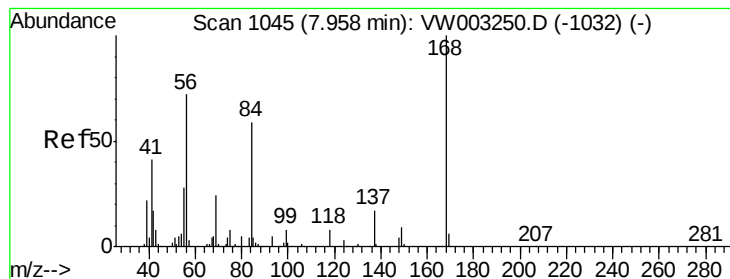


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.661 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

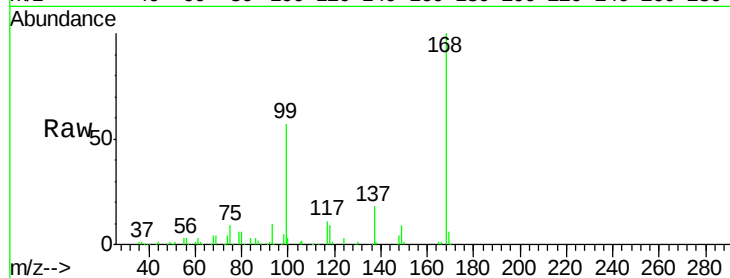
Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 3484

Ion	Ratio	Lower	Upper
56	100		
69	144.7	26.3	39.5#
84	100.5	65.7	98.5#

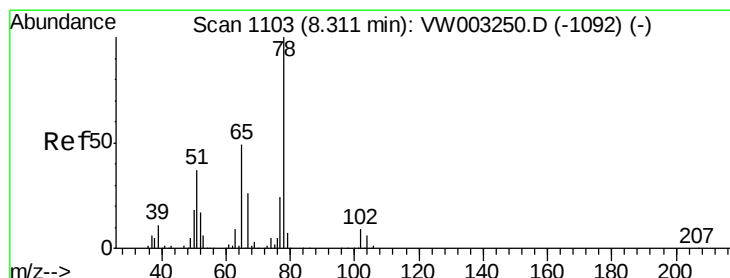
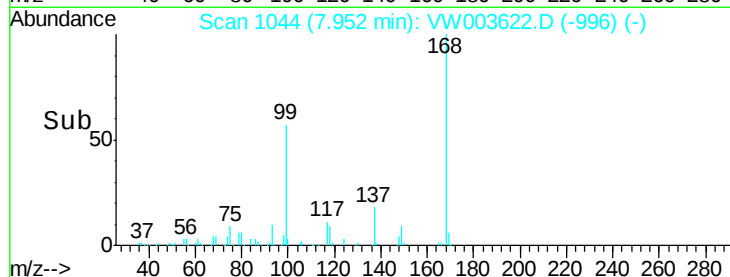
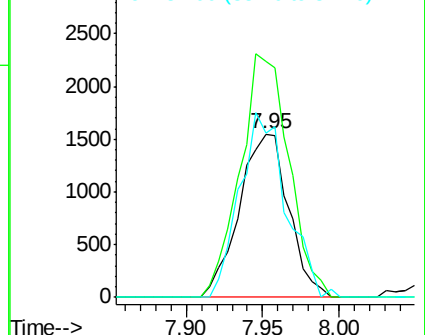


Abundance

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: 43.183 ug/l

RT: 8.31 min Scan# 1103

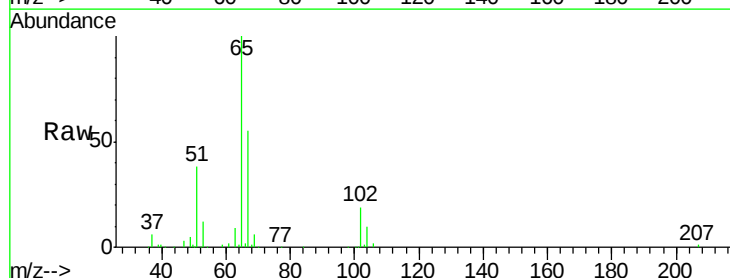
Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Tgt Ion: 65 Resp: 56046

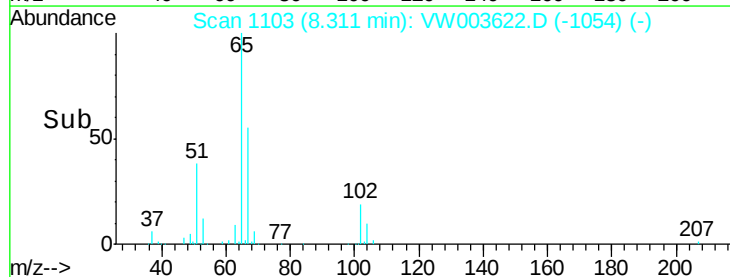
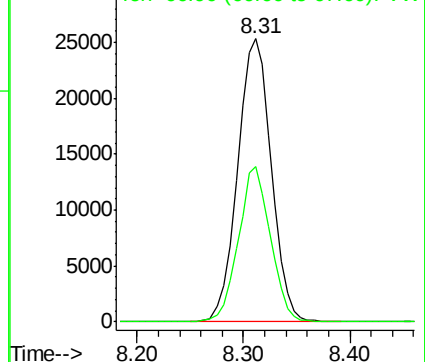
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.2

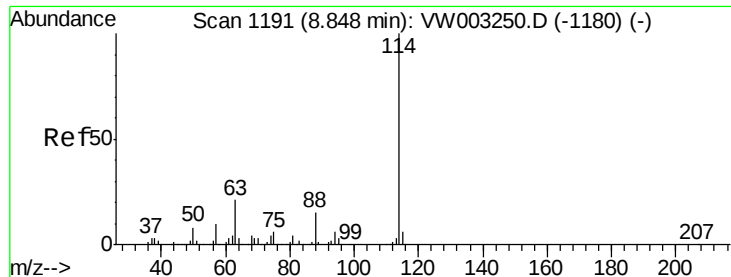


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

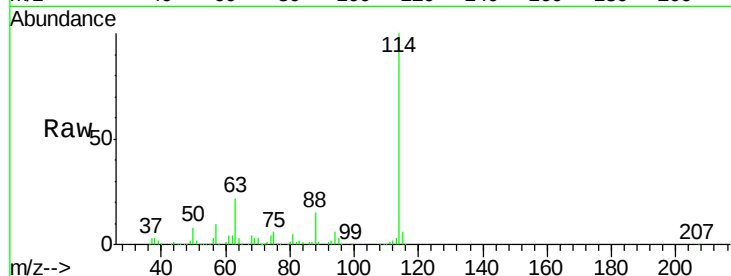




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003622.D
 Acq: 27 Jun 2018 18:58

Instrument :
 MSVOA_W
 ClientSampled :

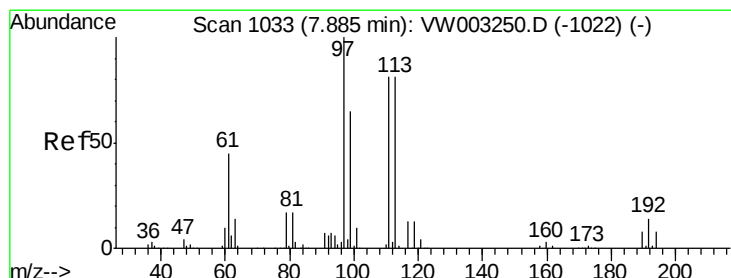
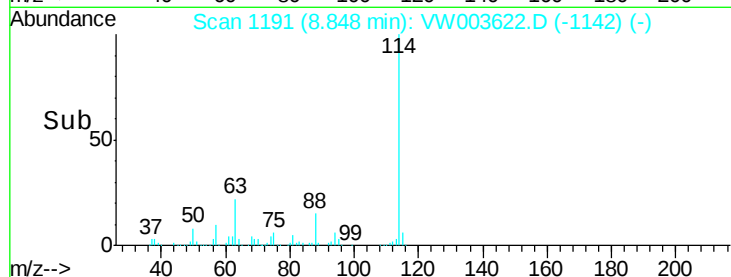
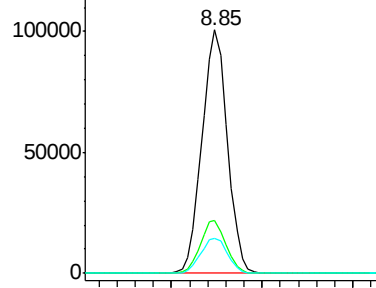
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	14.5	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

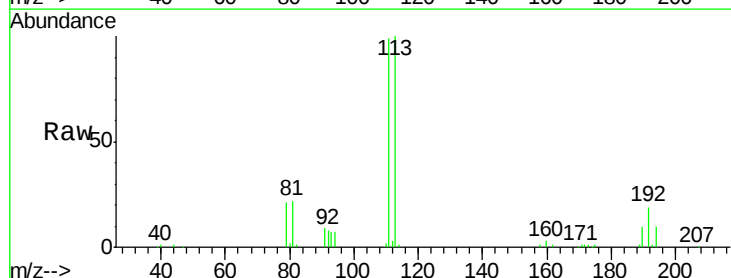
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 41.325 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003622.D
 Acq: 27 Jun 2018 18:58

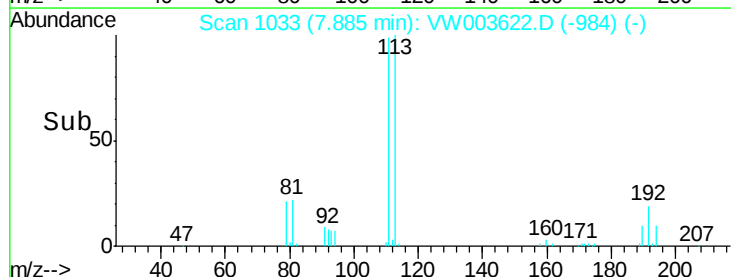
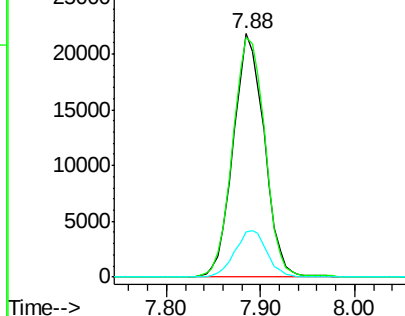
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	19.8	16.2	24.2

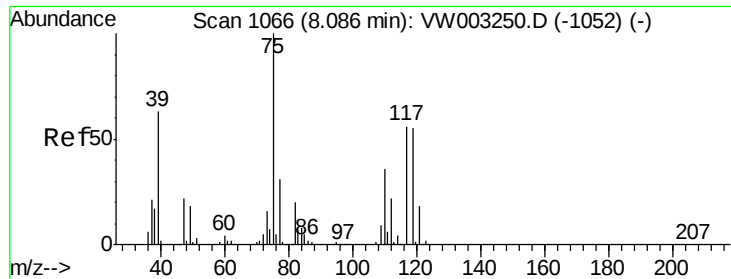


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

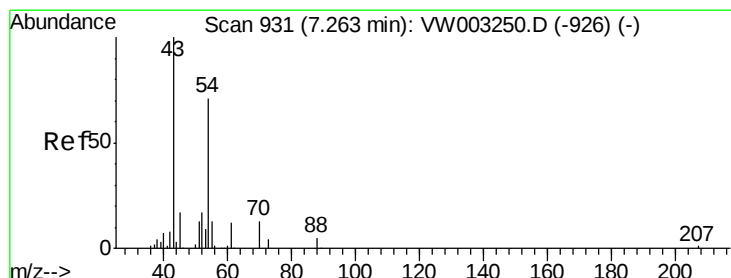
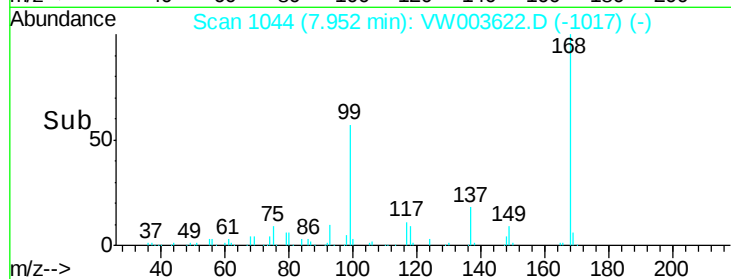
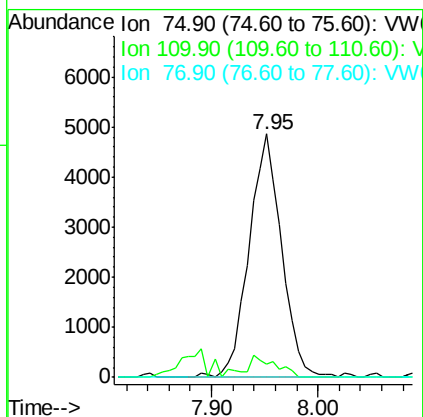
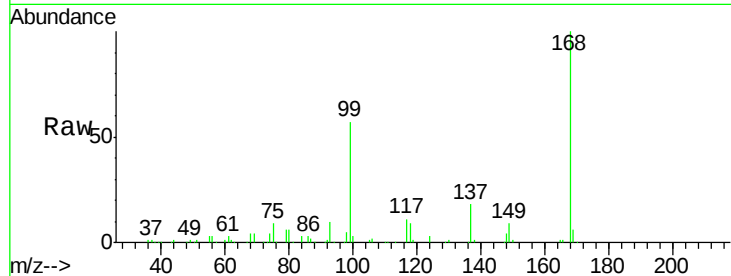




#36
 1,1-Dichloropropene
 Concen: 5.505 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003622.D
 Acq: 27 Jun 2018 18:58

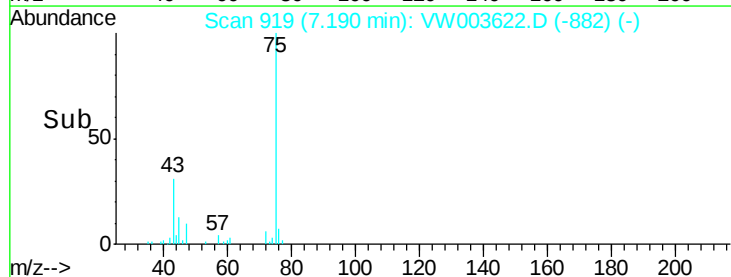
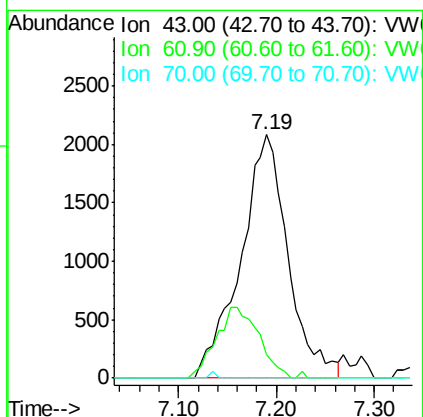
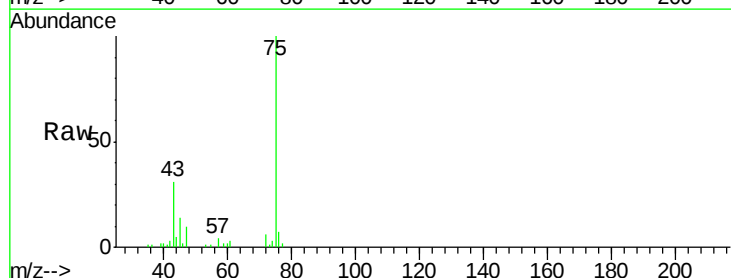
Instrument :
 MSVOA_W
 ClientSampled :

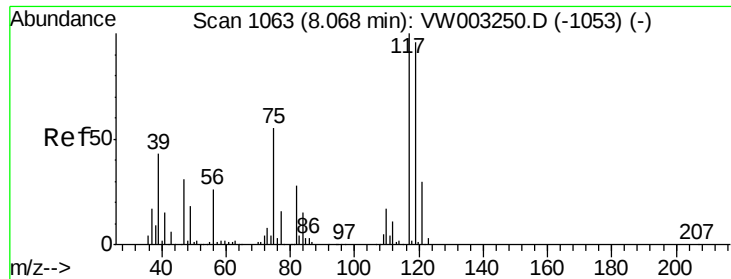
Tot Ion: 75 Resp: 10384
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.1 51.3#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 8.999 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003622.D
 Acq: 27 Jun 2018 18:58

Tgt Ion: 43 Resp: 7033
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.771 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

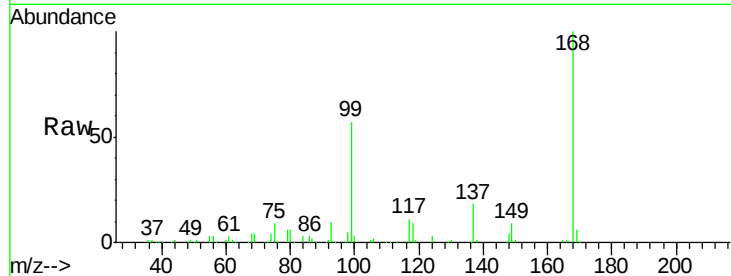
Tot Ion:117 Resp: 12529

Ion Ratio Lower Upper

117 100

119 7.8 76.6 115.0#

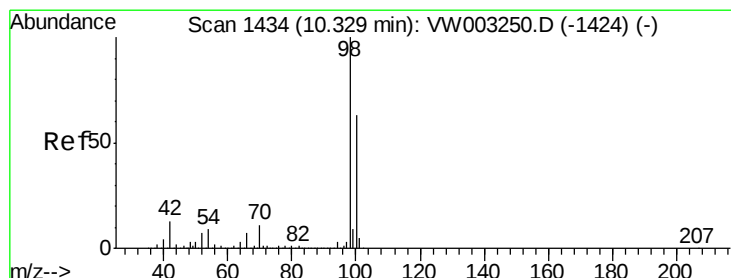
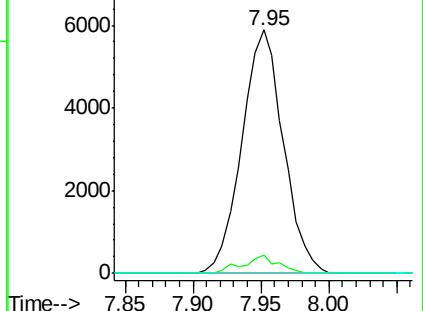
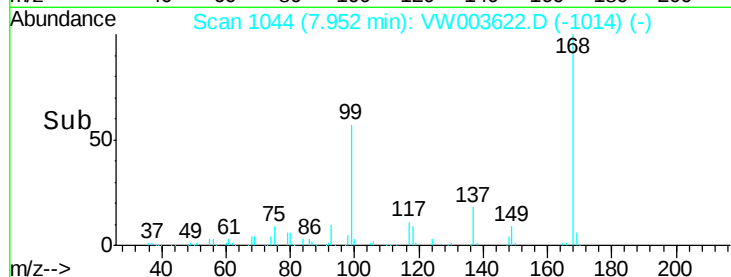
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 30.805 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003622.D

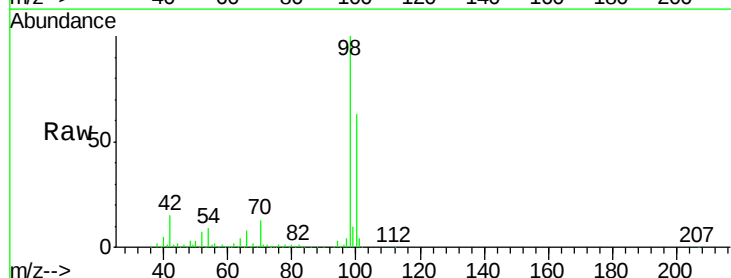
Acq: 27 Jun 2018 18:58

Tgt Ion: 98 Resp: 148262

Ion Ratio Lower Upper

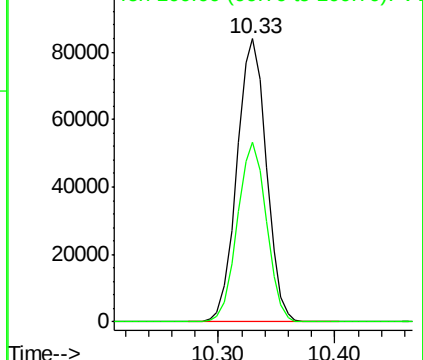
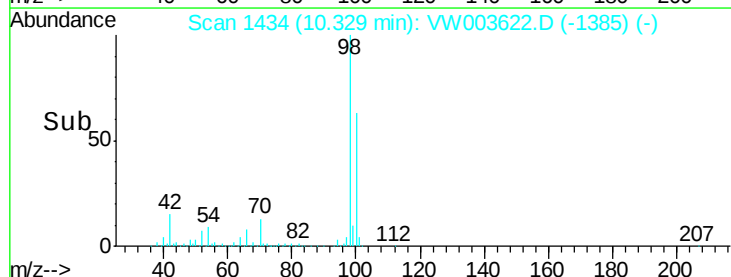
98 100

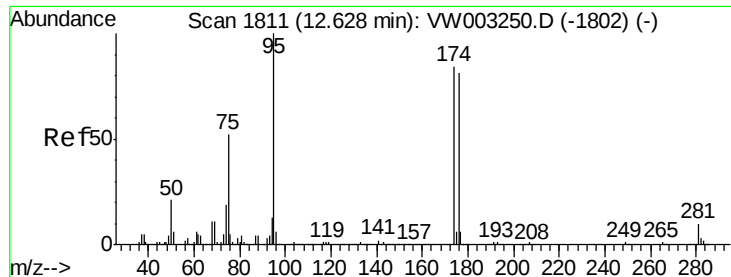
100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

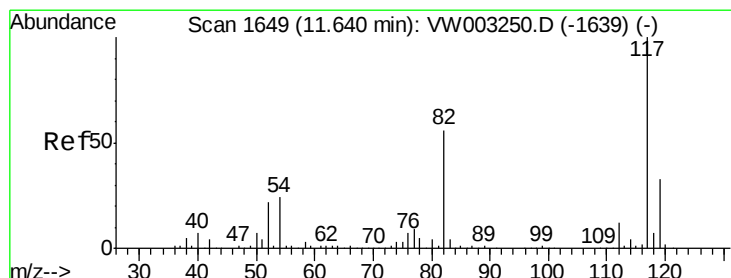
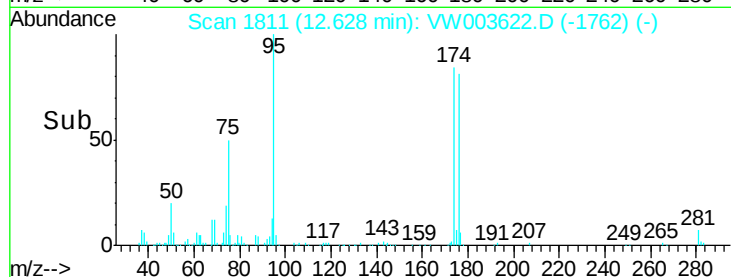
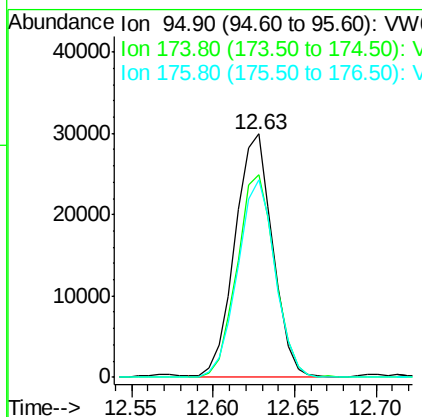
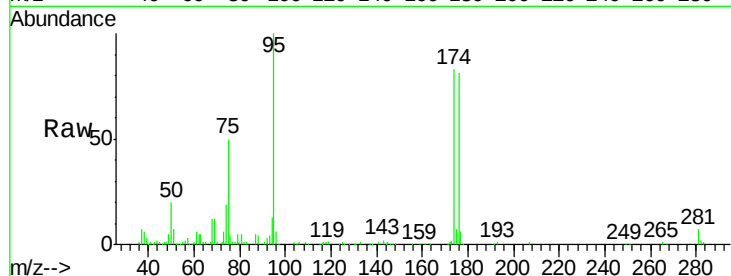




#62
4-Bromofluorobenzene
Concen: 28.328 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

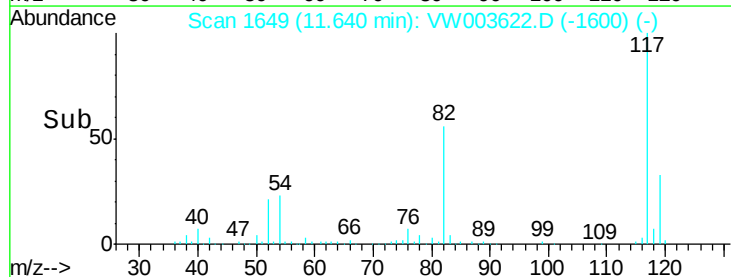
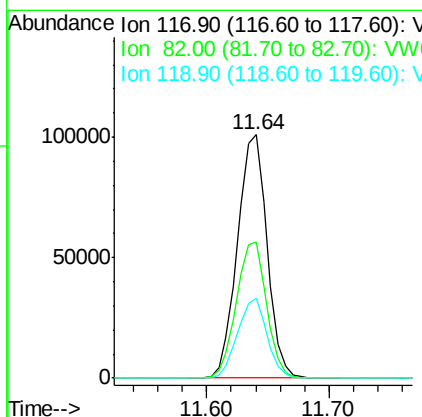
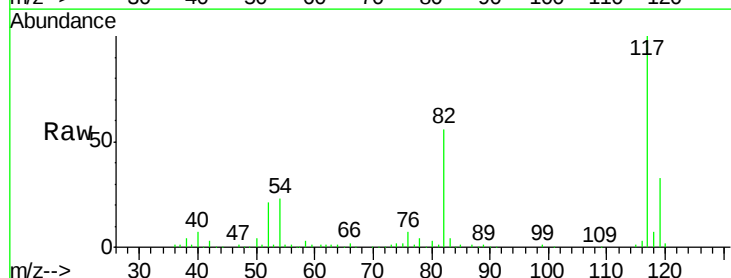
Instrument :
MSVOA_W
ClientSampleId :

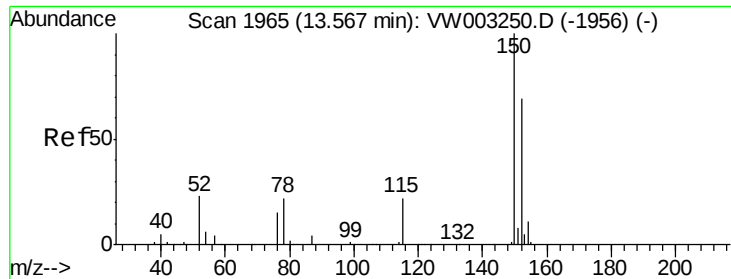
Tot Ion: 95 Resp: 48249
Ion Ratio Lower Upper
95 100
174 83.8 0.0 166.4
176 80.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion: 117 Resp: 169041
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.7 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: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

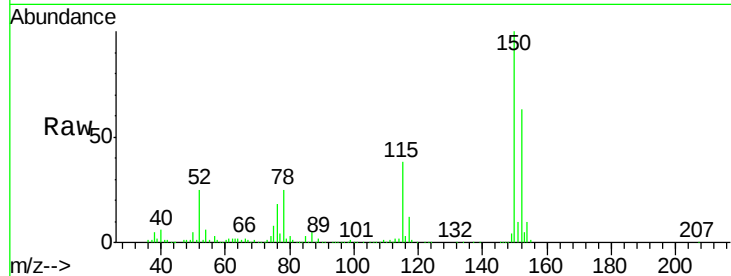
Tot Ion:152 Resp: 73911

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

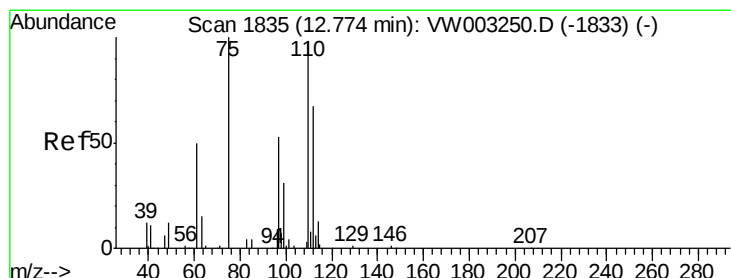
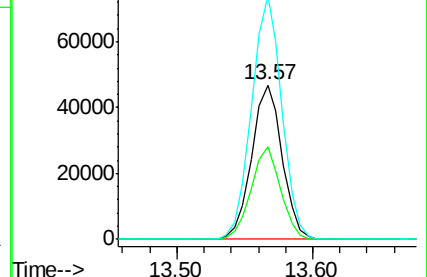
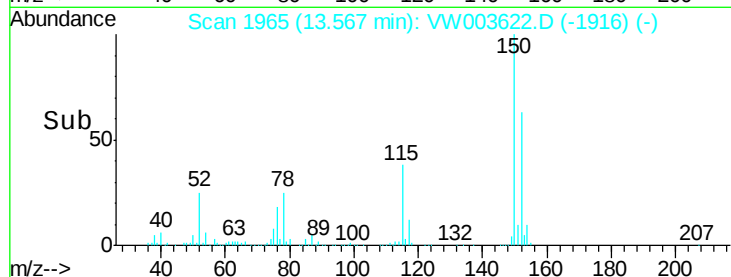
150 155.7 0.0 349.6



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: 40.981 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003622.D

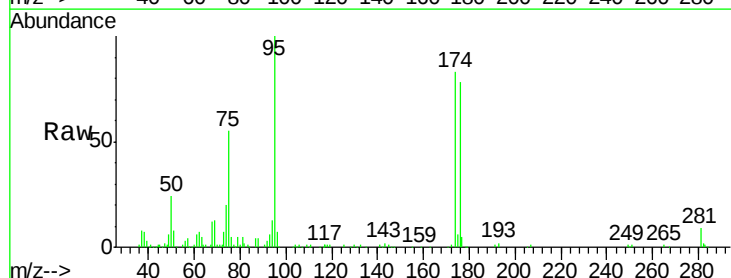
Acq: 27 Jun 2018 18:58

Tgt Ion: 75 Resp: 25894

Ion Ratio Lower Upper

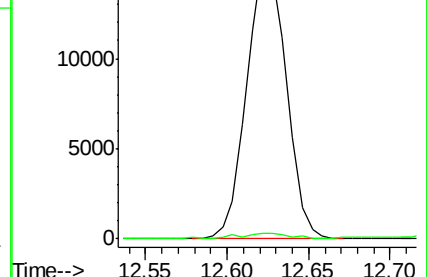
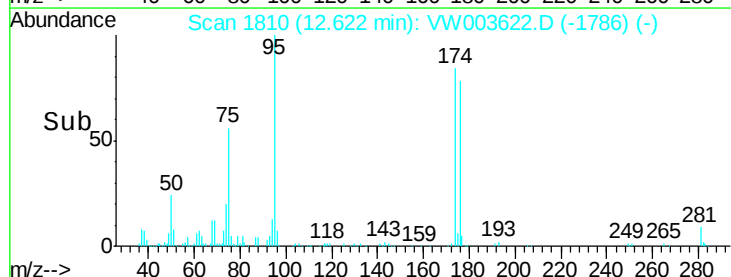
75 100

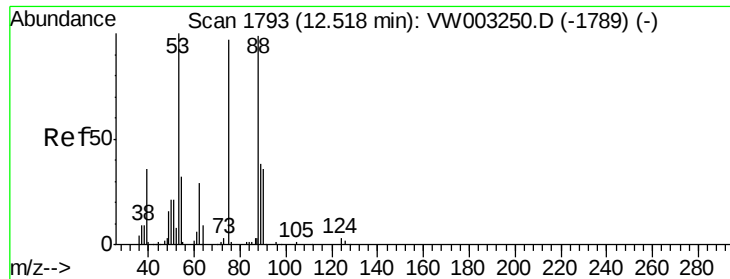
77 2.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

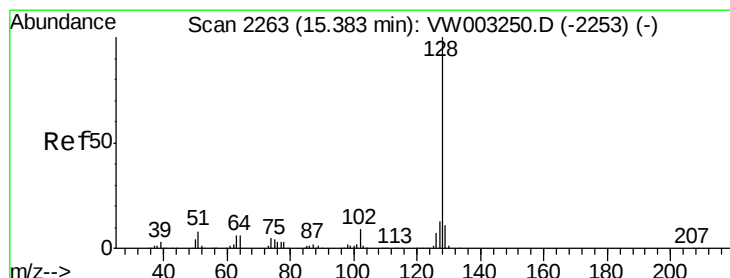
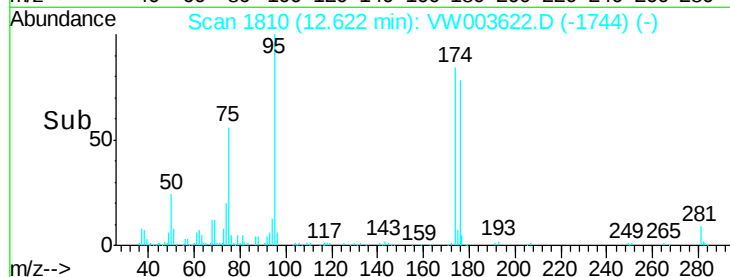
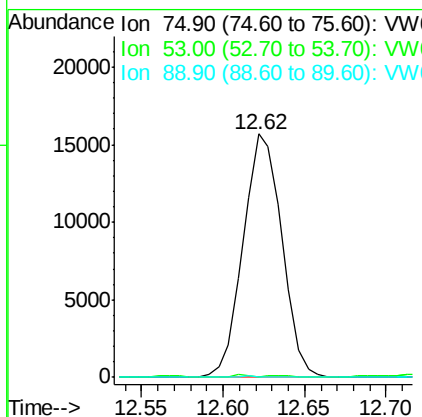
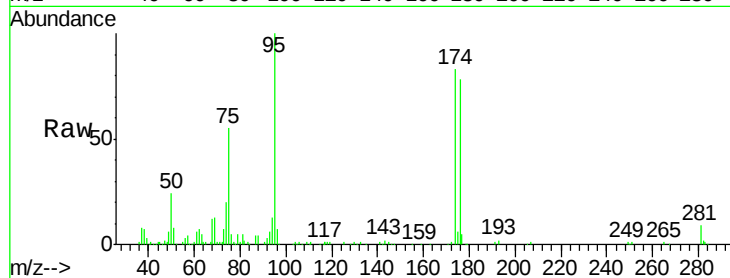




#81
trans-1,4-Dichloro-2-butene
Concen: 94.300 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 25894
Ion Ratio Lower Upper
75 100
53 0.4 82.9 124.3#
89 0.1 36.7 55.1#



#95
Naphthalene
Concen: 61.019 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion: 128 Resp: 156546
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.4 8.9 13.3

