

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003674.D
 Acq On : 29 Jun 2018 21:09
 Operator : SY/AP
 Sample : J3774-05RE
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:43:41 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	119776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	97757	75.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.70%	
35) Dibromofluoromethane	7.88	113	84203	68.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.62%	
50) Toluene-d8	10.33	98	284176	58.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.12%	
62) 4-Bromofluorobenzene	12.63	95	99311	57.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.66%	

Target Compounds

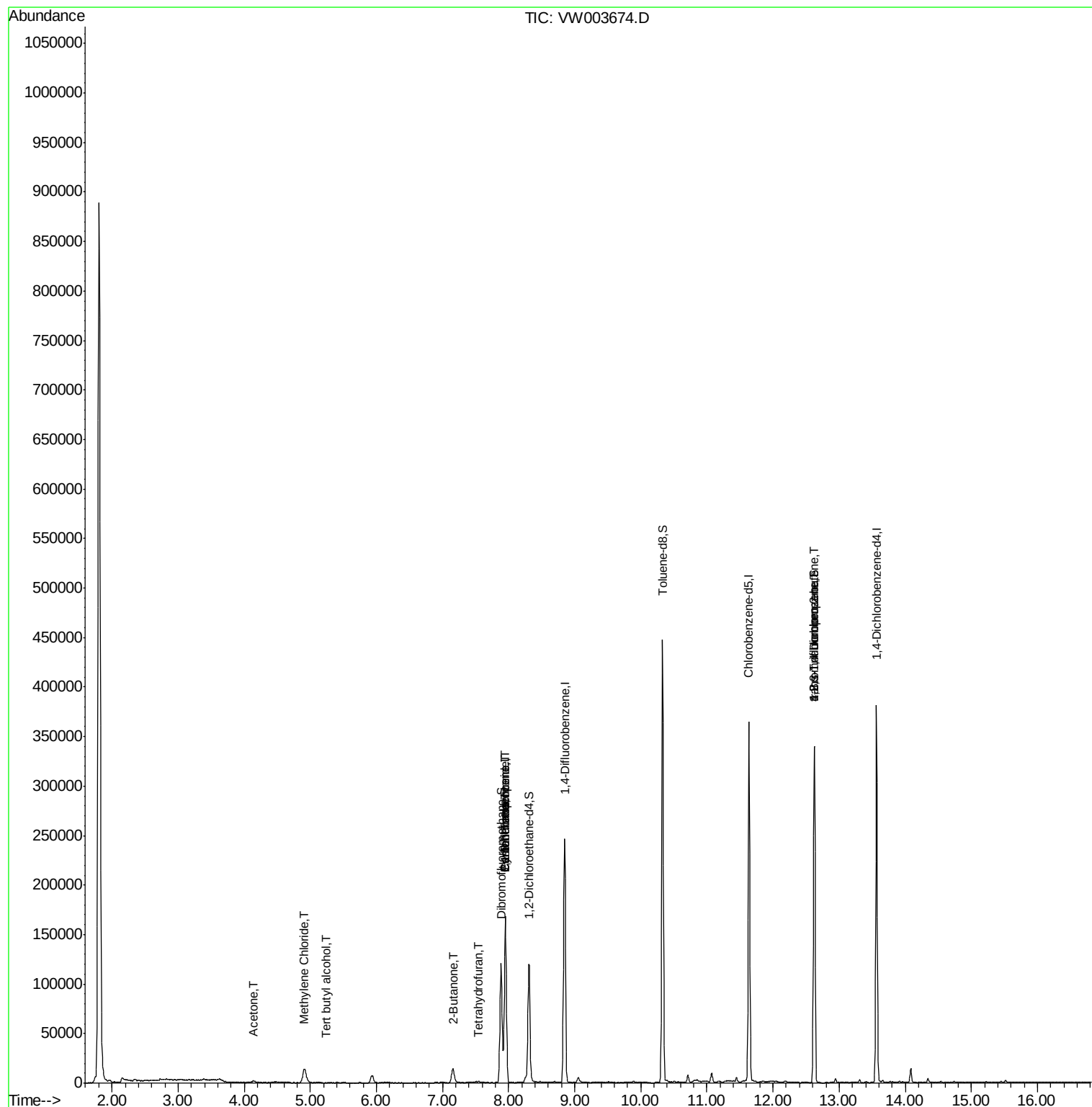
					Qvalue	
11) Tert butyl alcohol	5.24	59	126	1.811	ug/l #	84
16) Acetone	4.14	43	3285	12.073	ug/l	91
20) Methylene Chloride	4.91	84	12097	7.334	ug/l	97
25) 2-Butanone	7.15	43	1043	3.083	ug/l #	50
29) Tetrahydrofuran	7.54	42	552	2.669	ug/l #	61
31) Cyclohexane	7.96	56	3196	1.525	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	10293	5.412	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12543	6.723	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	53438	66.459	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53438	152.925	ug/l #	9

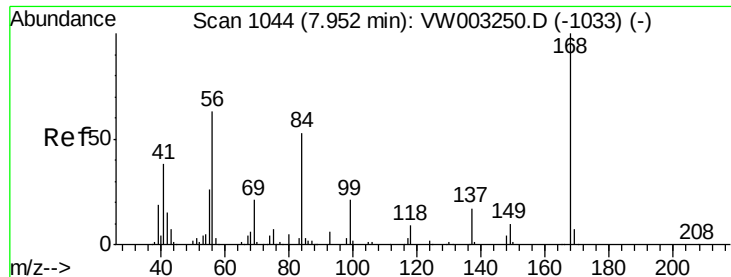
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003674.D

Acq: 29 Jun 2018 21:09

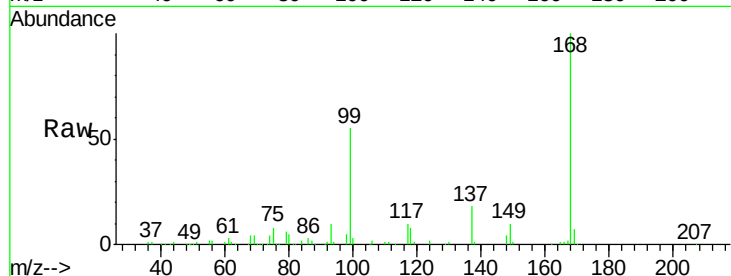
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 119776

Ion Ratio Lower Upper

168 100

99 54.6 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

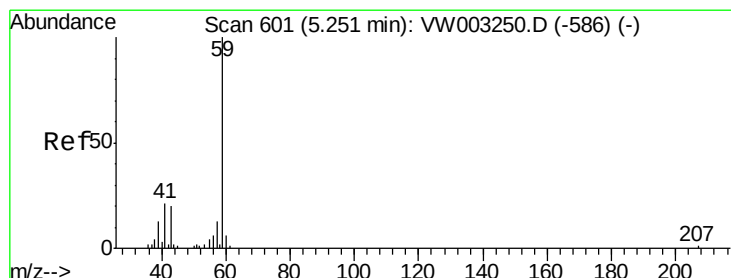
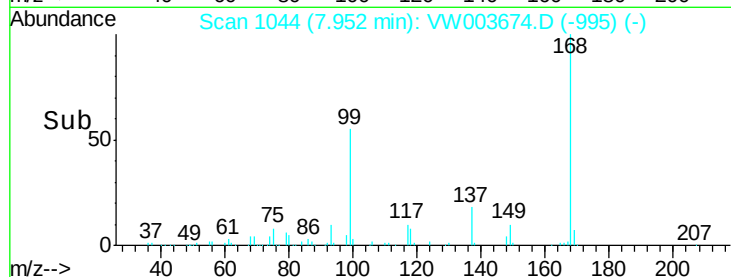
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.811 ug/l

RT: 5.24 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003674.D

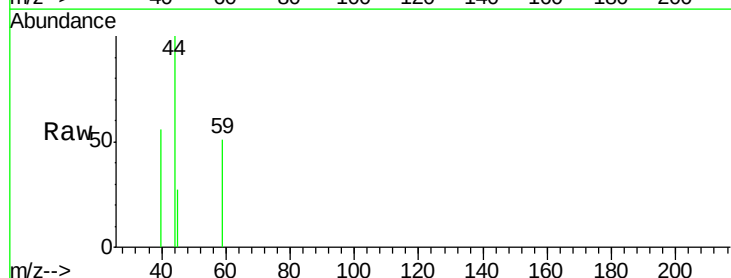
Acq: 29 Jun 2018 21:09

Tgt Ion: 59 Resp: 126

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

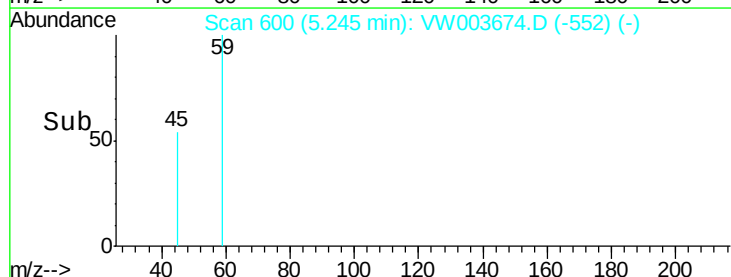
5.24

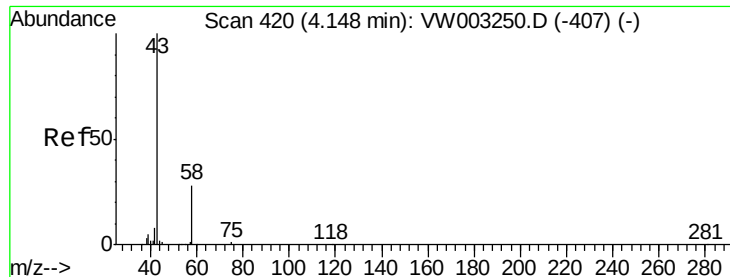
100

50

0

Time-->





#16

Acetone

Concen: 12.073 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

Instrument :

MSVOA_W

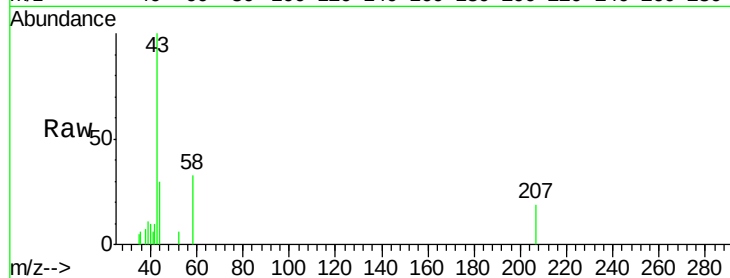
ClientSampled :

Tot Ion: 43 Resp: 3285

Ion Ratio Lower Upper

43 100

58 33.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

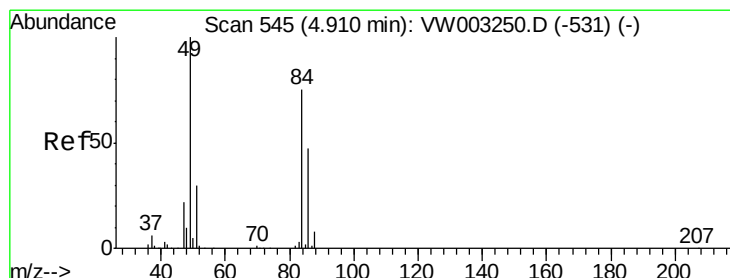
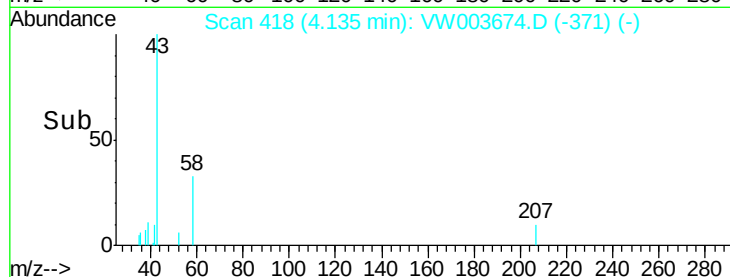
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 7.334 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

Tgt Ion: 84 Resp: 12097

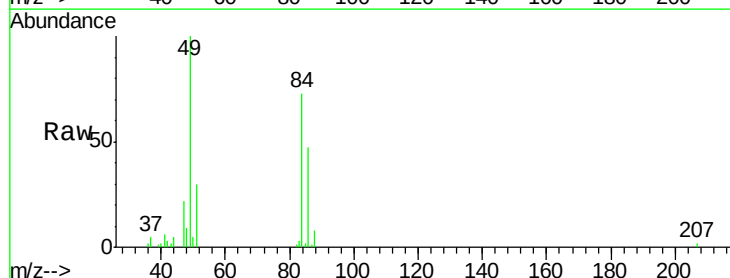
Ion Ratio Lower Upper

84 100

49 137.1 106.3 159.5

51 40.7 32.0 48.0

86 65.1 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

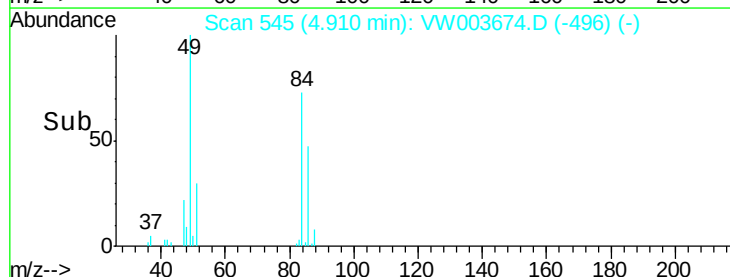
6000

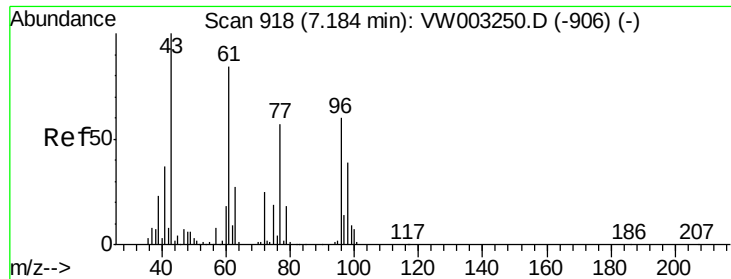
4000

2000

0

Time-->





#25

2-Butanone

Concen: 3.083 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

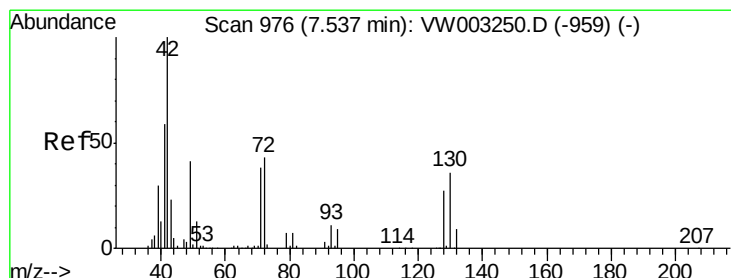
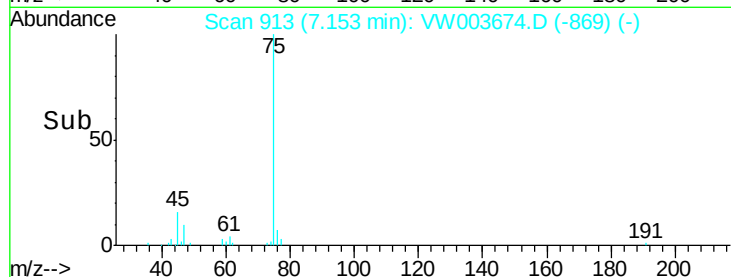
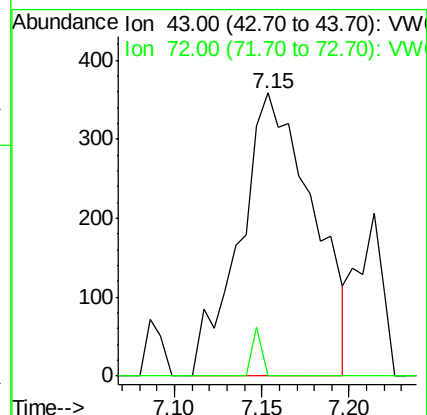
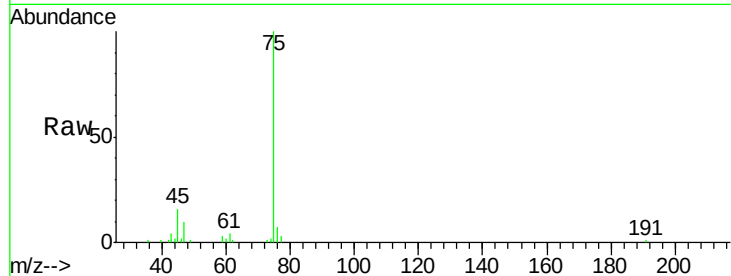
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1043

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



#29

Tetrahydrofuran

Concen: 2.669 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

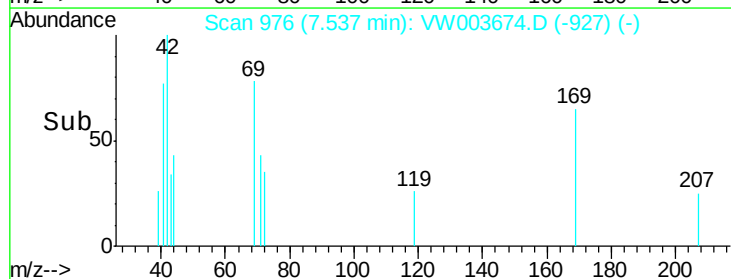
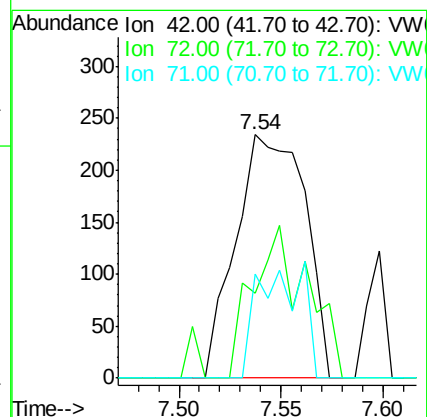
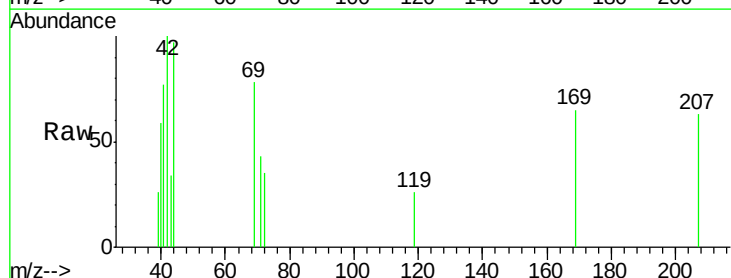
Tgt Ion: 42 Resp: 552

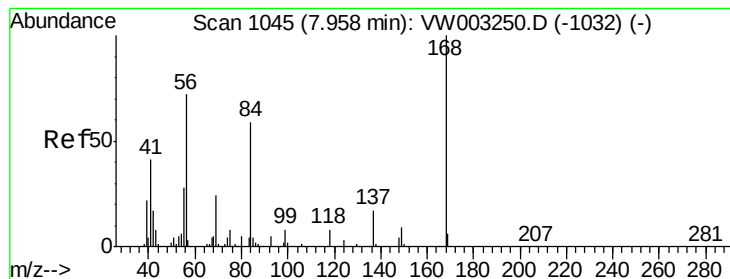
Ion Ratio Lower Upper

42 100

72 49.6 32.4 48.6#

71 0.0 31.2 46.8#





#31

Cyclohexane

Concen: 1.525 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

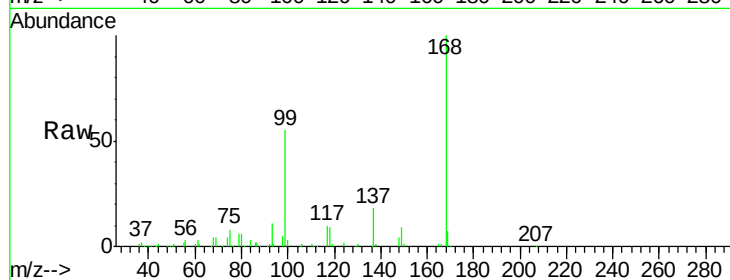
Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

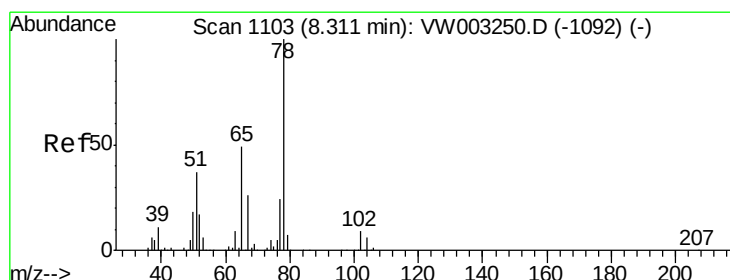
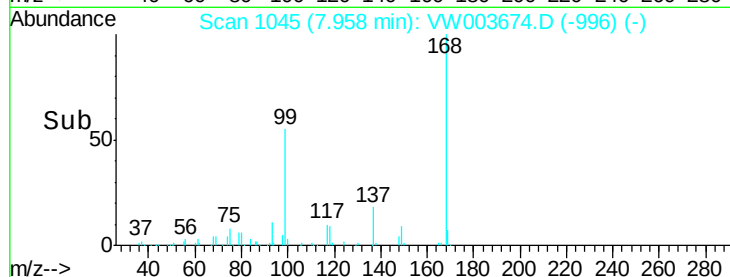
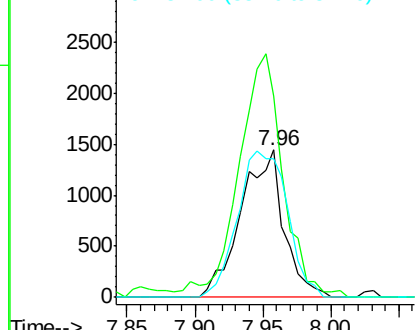
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 3196

Ion	Ratio	Lower	Upper
56	100		
69	132.3	26.3	39.5#
84	93.9	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: 75.351 ug/l

RT: 8.31 min Scan# 1102

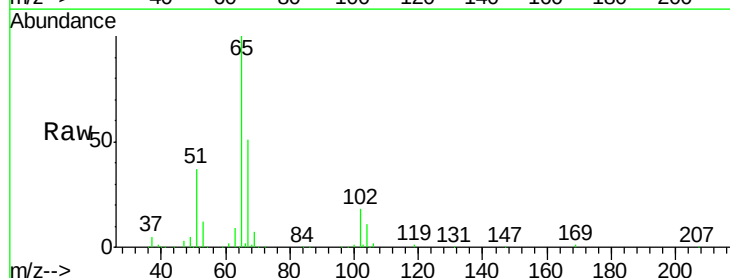
Delta R.T. -0.01 min

Lab File: VW003674.D

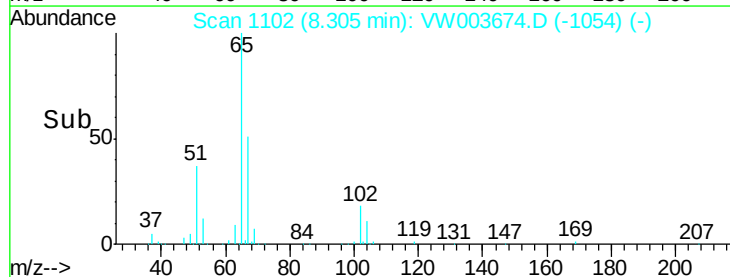
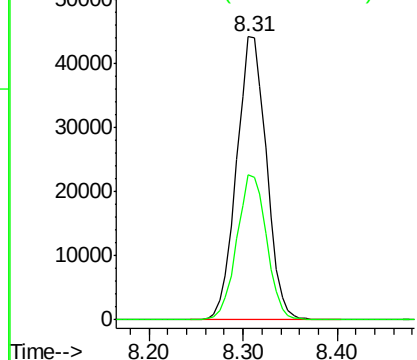
Acq: 29 Jun 2018 21:09

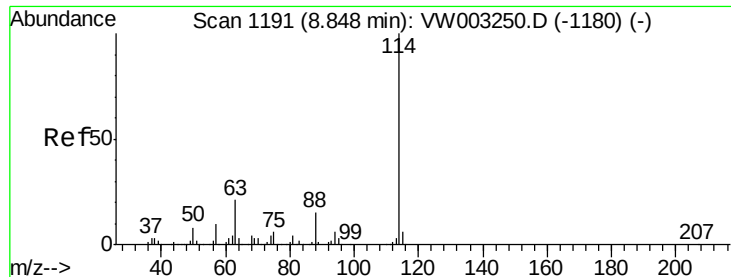
Tgt Ion: 65 Resp: 97757

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.2



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

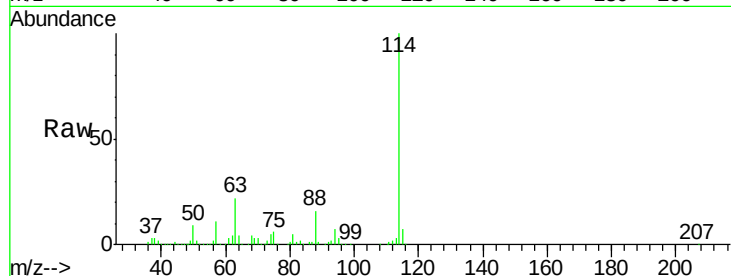




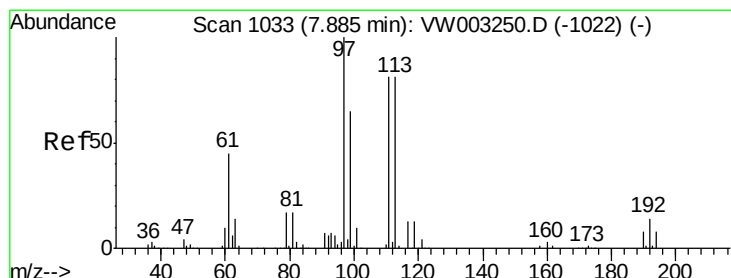
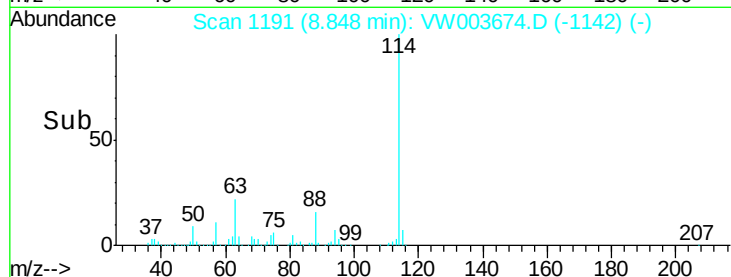
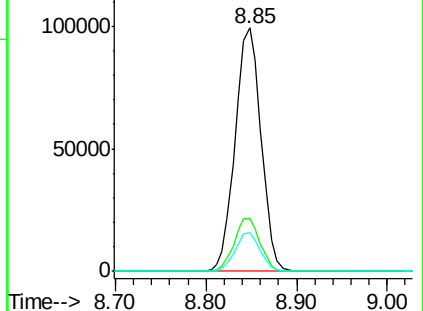
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003674.D
 Acq: 29 Jun 2018 21:09

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	16.2	0.0	29.6

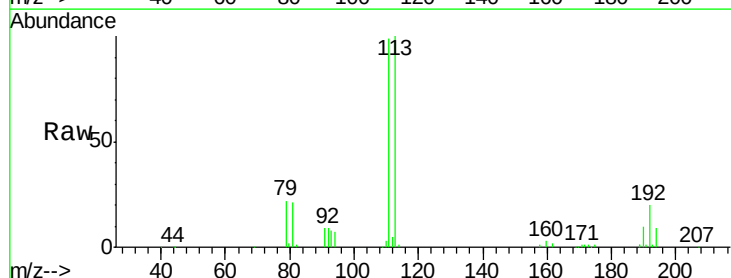


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

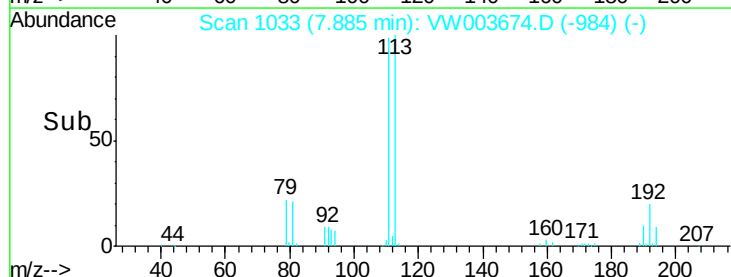
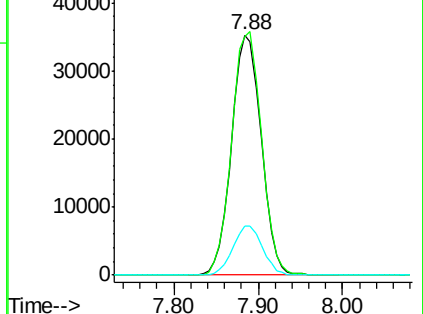


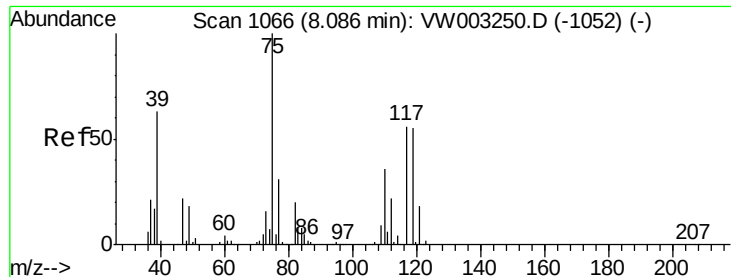
#35
 Dibromofluoromethane
 Concen: 68.807 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003674.D
 Acq: 29 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.3	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

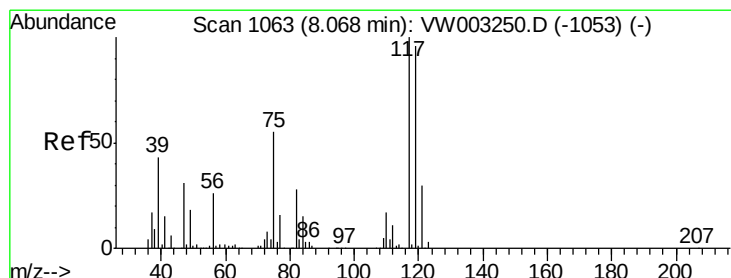
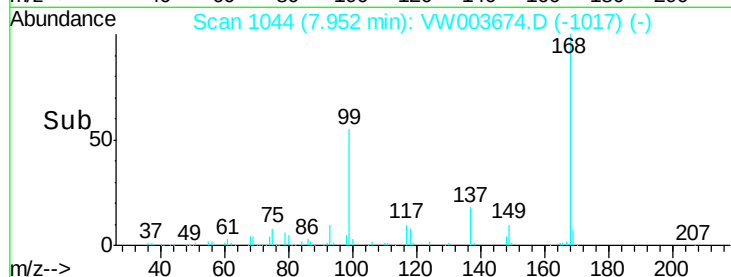
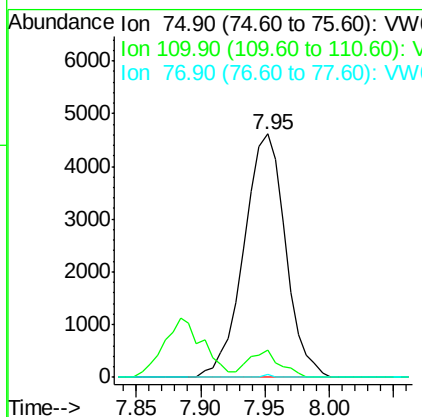
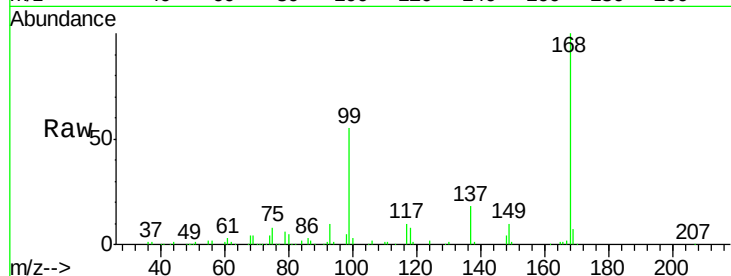




#36
 1,1-Dichloropropene
 Concen: 5.412 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003674.D
 Acq: 29 Jun 2018 21:09

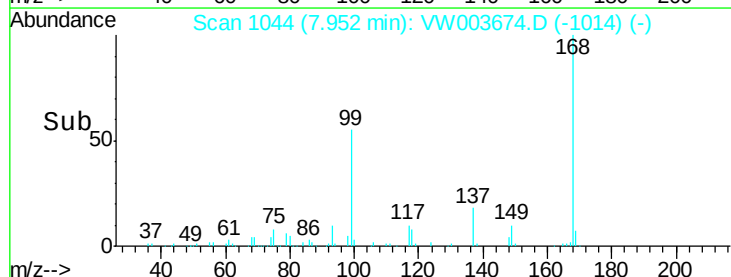
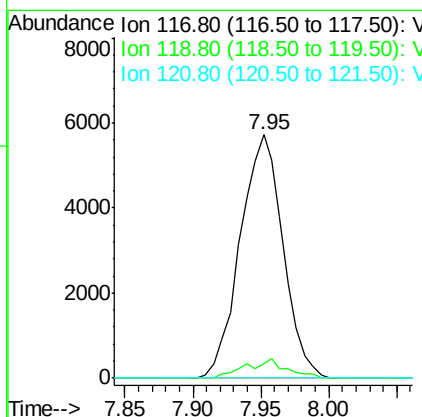
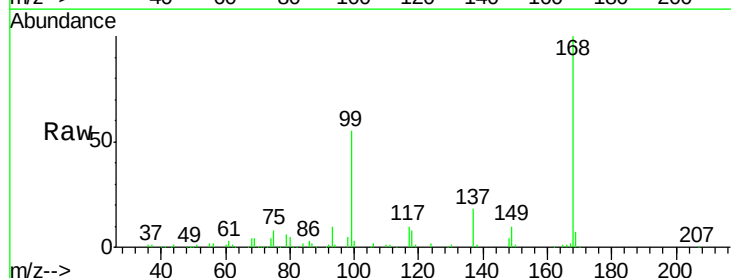
Instrument :
 MSVOA_W
 ClientSampleId :

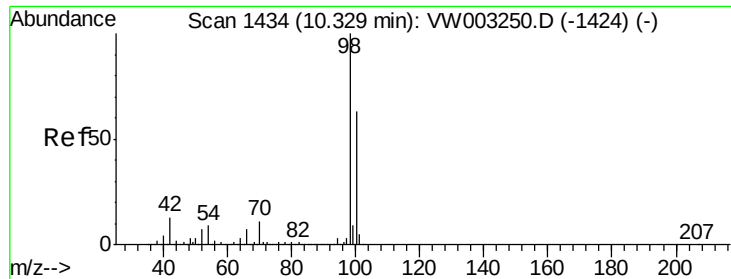
Tot Ion: 75 Resp: 10293
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.3#
 77 0.2 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.723 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003674.D
 Acq: 29 Jun 2018 21:09

Tgt Ion: 117 Resp: 12543
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.6 115.0#
 121 0.0 23.9 35.9#

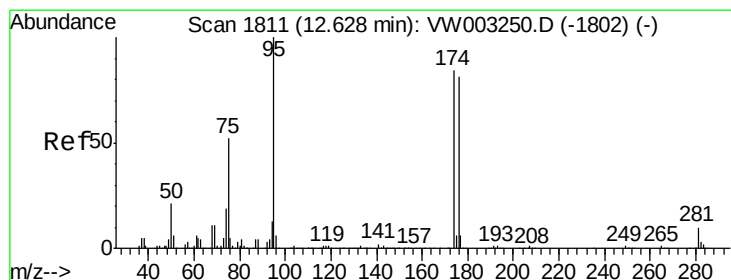
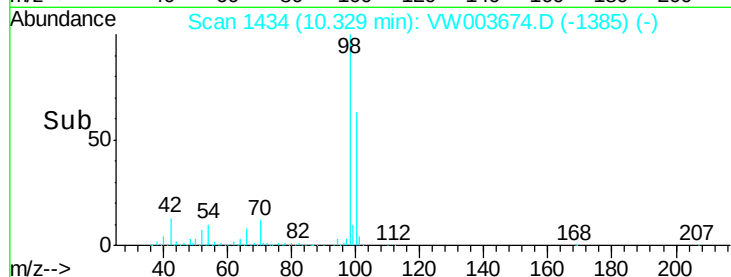
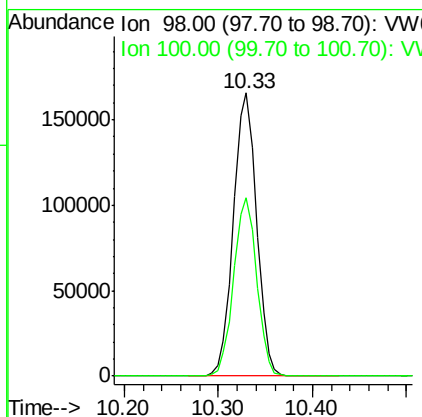
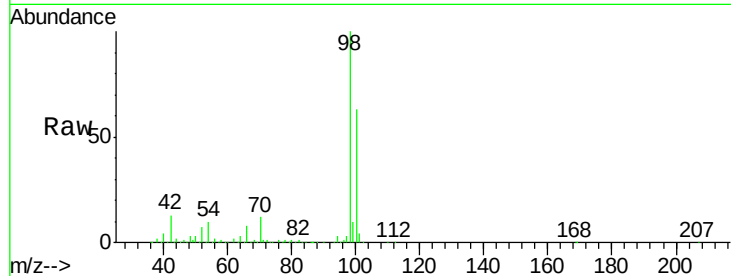




#50
Toluene-d8
Concen: 58.564 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003674.D
Acq: 29 Jun 2018 21:09

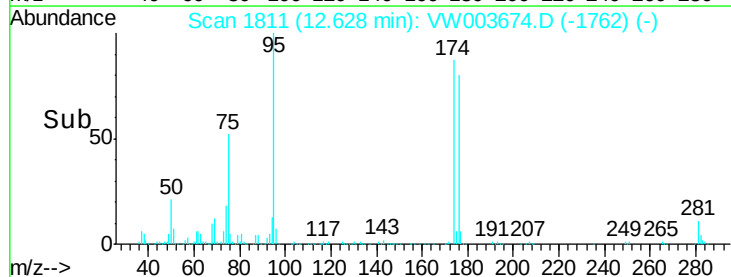
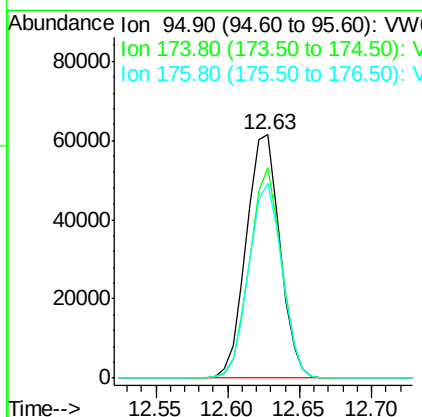
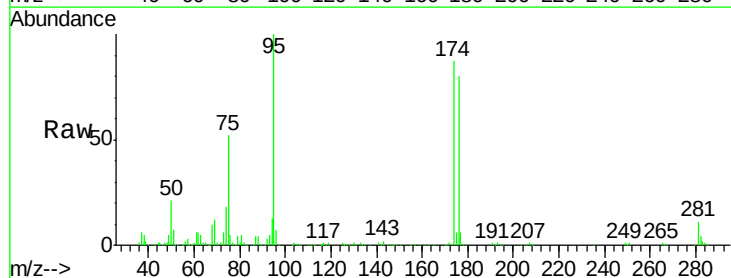
Instrument :
MSVOA_W
ClientSampleId :

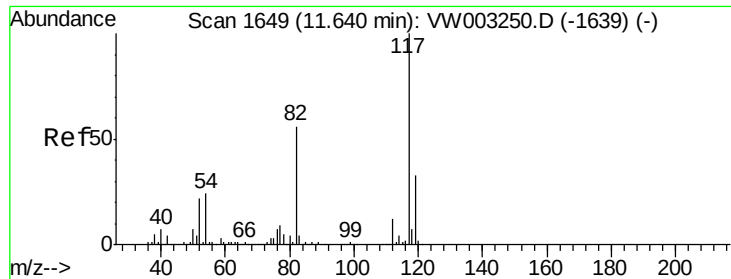
Tot Ion: 98 Resp: 284176
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 57.832 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003674.D
Acq: 29 Jun 2018 21:09

Tgt Ion: 95 Resp: 99311
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.4
176 79.1 0.0 162.0

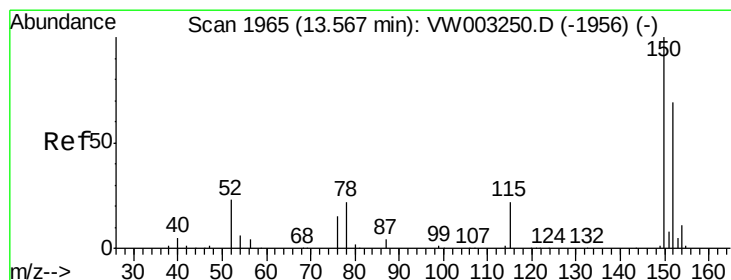
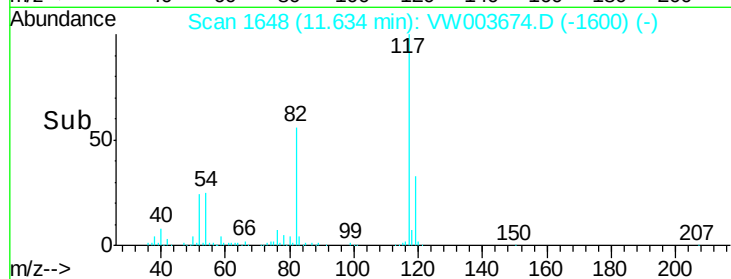
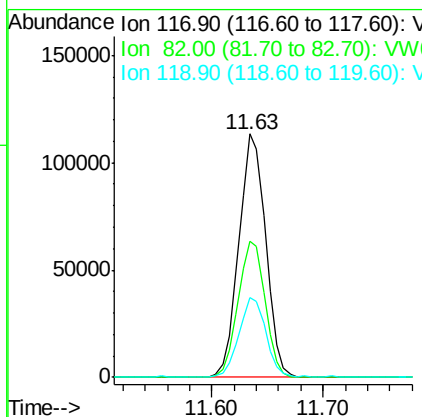
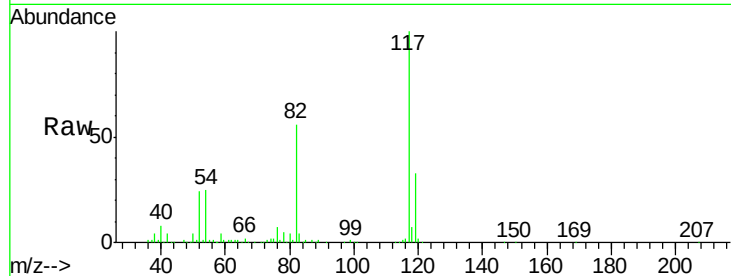




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003674.D
Acq: 29 Jun 2018 21:09

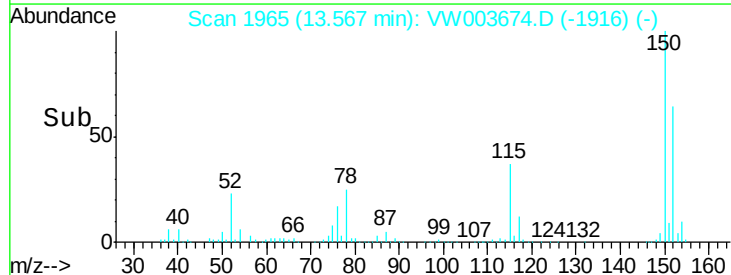
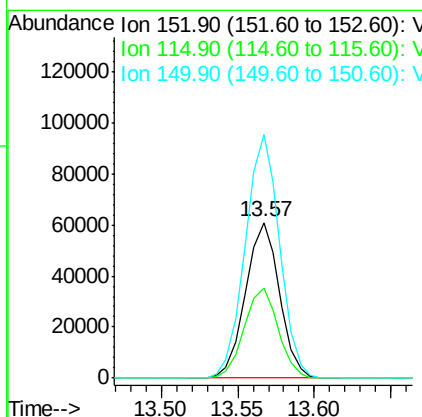
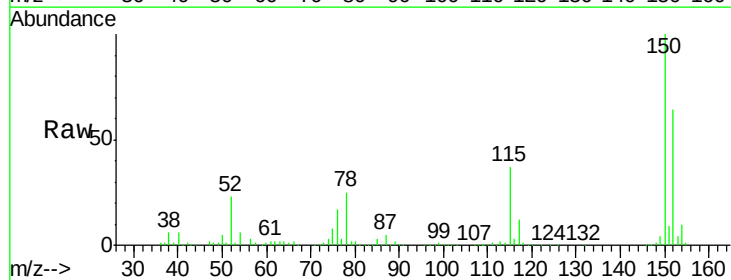
Instrument :
MSVOA_W
ClientSampleId :

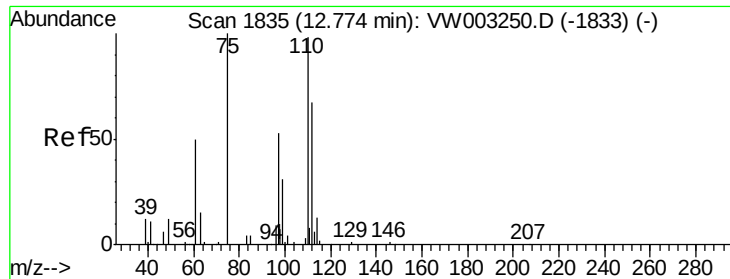
Tot Ion:117 Resp: 189321
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003674.D
Acq: 29 Jun 2018 21:09

Tgt Ion:152 Resp: 94057
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 157.8 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 66.459 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

Instrument :

MSVOA_W

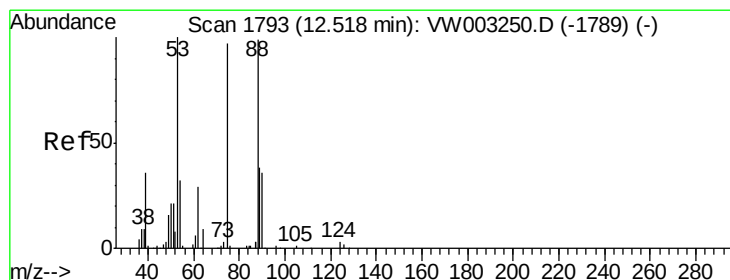
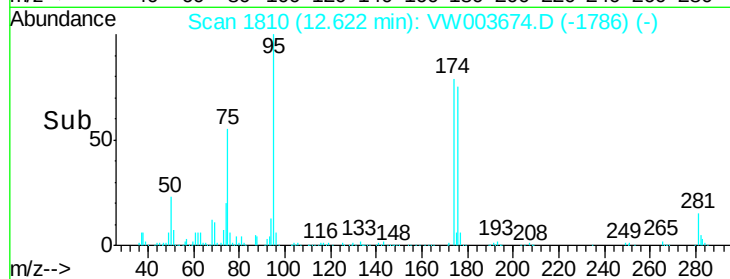
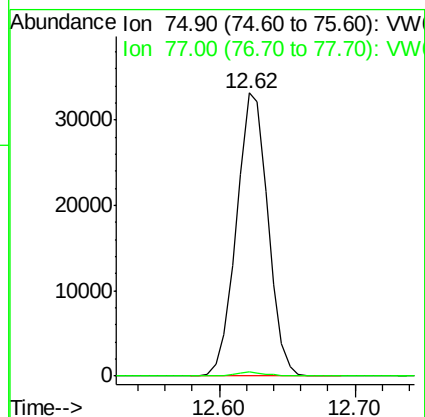
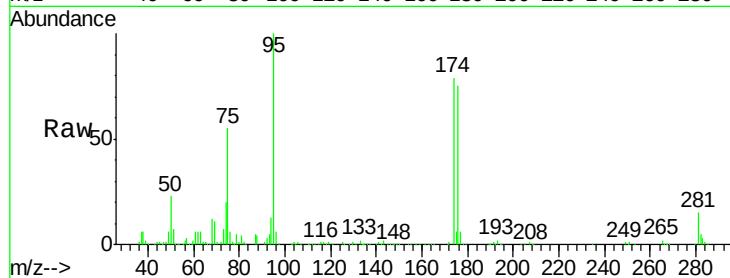
ClientSampleId :

Tot Ion: 75 Resp: 53438

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.925 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003674.D

Acq: 29 Jun 2018 21:09

Tgt Ion: 75 Resp: 53438

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.1 36.7 55.1#

