

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003871.D
 Acq On : 11 Jul 2018 18:49
 Operator : SY/AP
 Sample : VW0711SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:54:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131129	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	
35) Dibromofluoromethane	7.88	113	112716	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.33	98	410201	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	136571	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

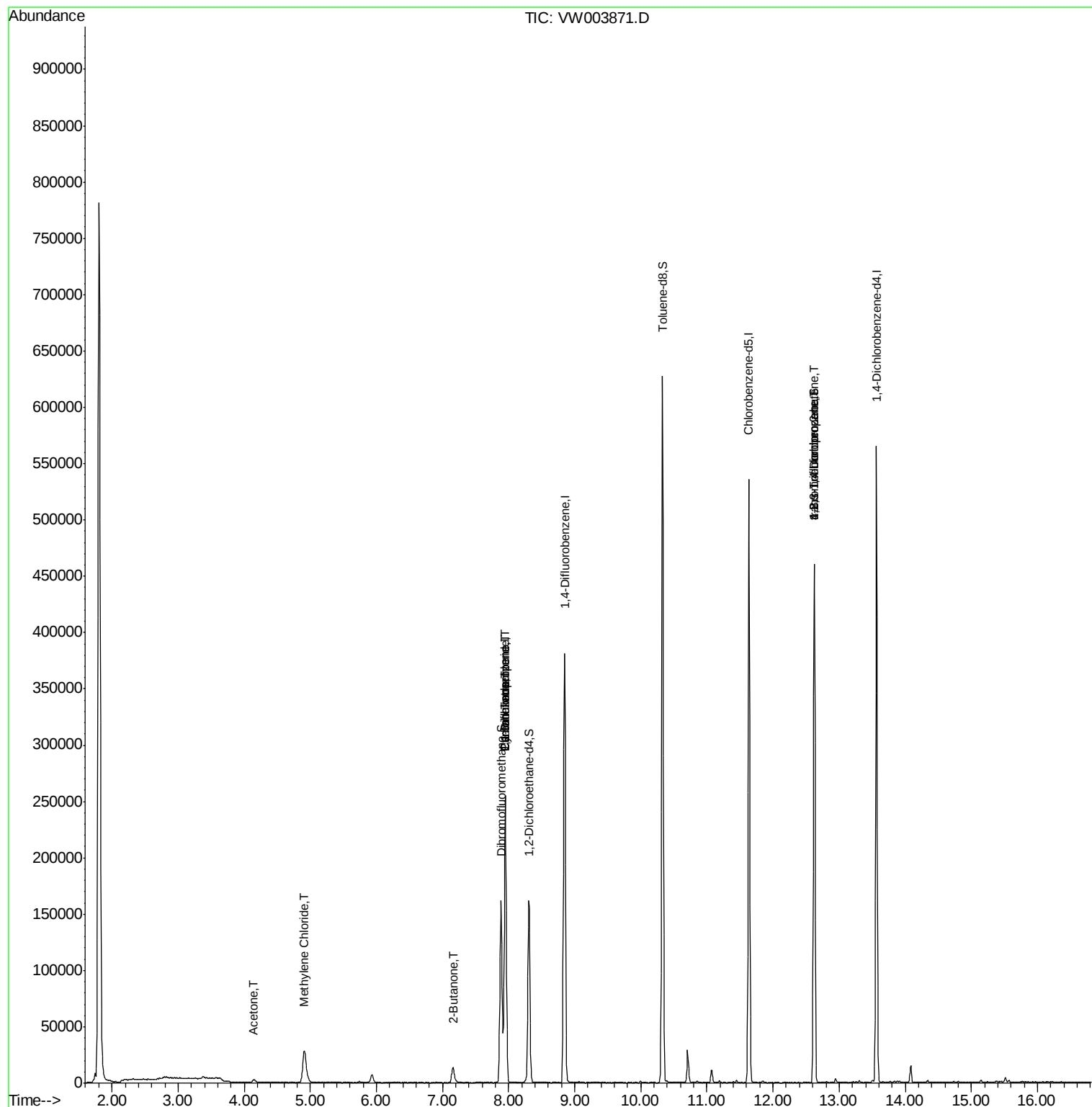
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2534	6.226	ug/l	91
20) Methylene Chloride	4.90	84	25294	9.172	ug/l	98
25) 2-Butanone	7.16	43	1151	1.806	ug/l #	51
31) Cyclohexane	7.95	56	4792	1.400	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	15338	4.744	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18161	5.908	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	73379	53.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73379	131.580	ug/l #	8

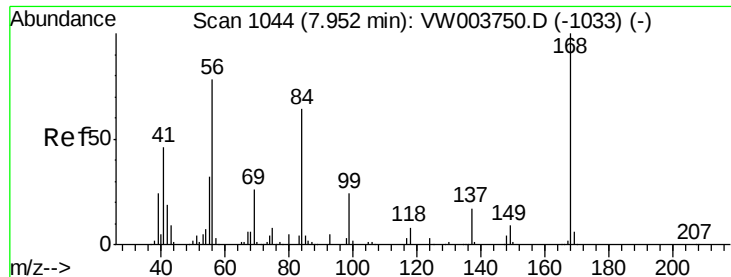
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 01:54:38 2018
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 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: VW003871.D

Acq: 11 Jul 2018 18:49

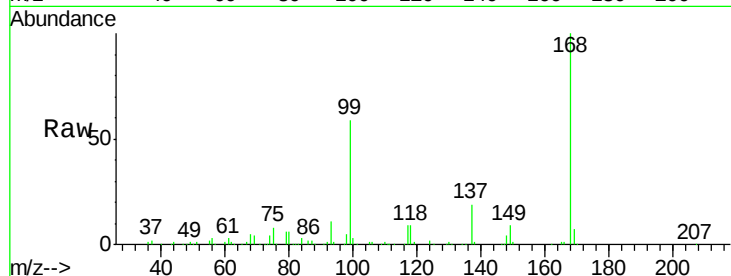
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 179382

Ion Ratio Lower Upper

168 100

99 59.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

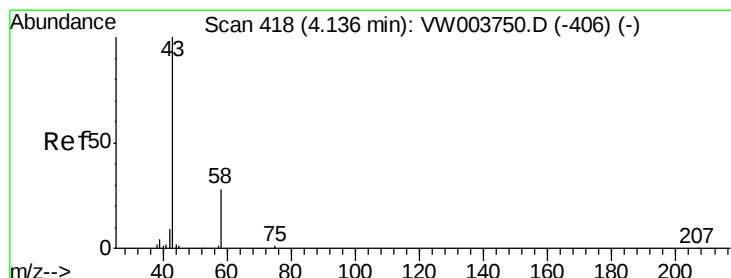
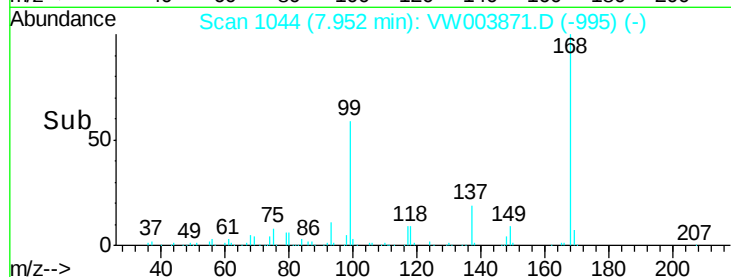
20000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 6.226 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003871.D

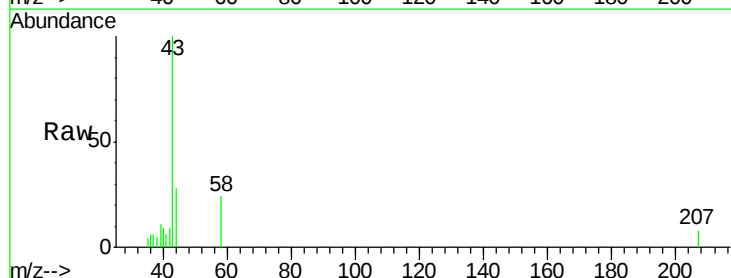
Acq: 11 Jul 2018 18:49

Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

58 23.5 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

1500

1000

500

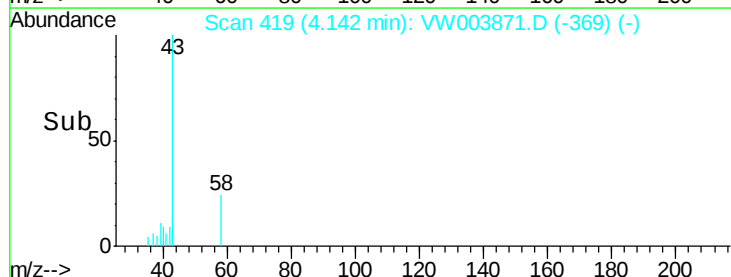
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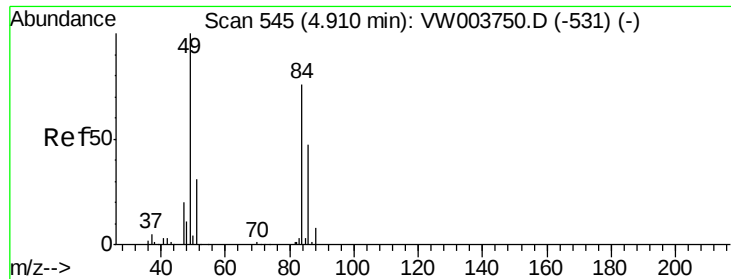
4.05

4.10

4.15

Time-->

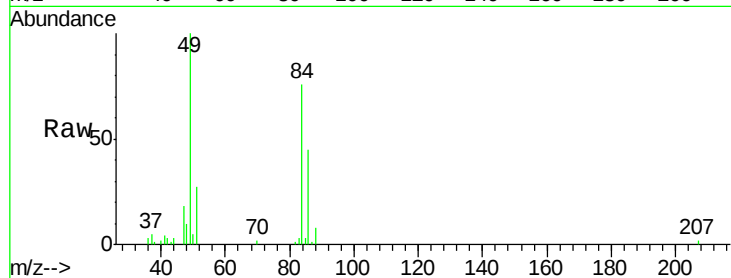




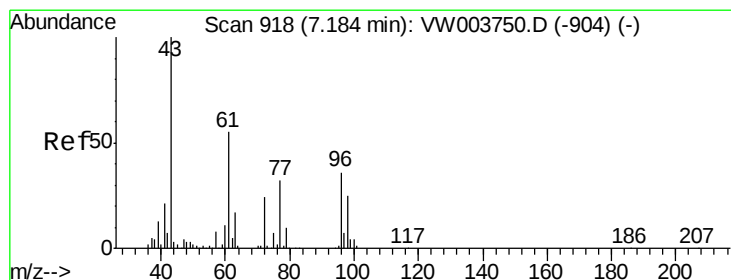
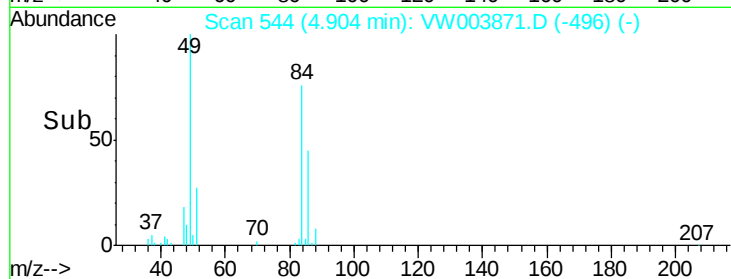
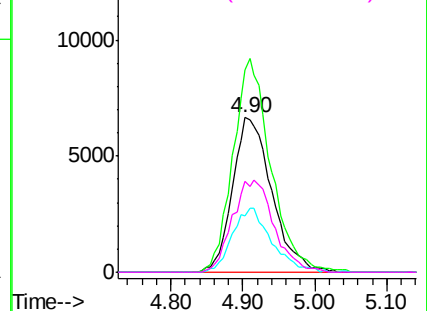
#20
Methylene Chloride
Concen: 9.172 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003871.D
Acq: 11 Jul 2018 18:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 25294
Ion Ratio Lower Upper
84 100
49 131.4 105.1 157.7
51 36.1 32.5 48.7
86 59.3 49.8 74.6

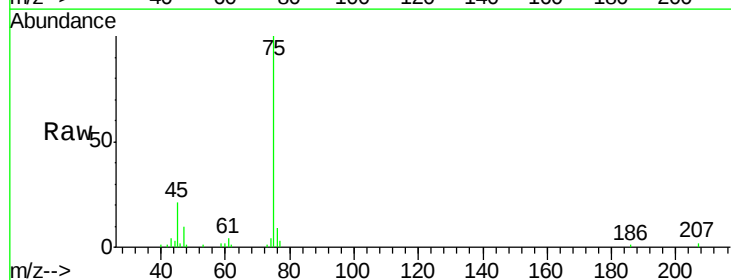


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

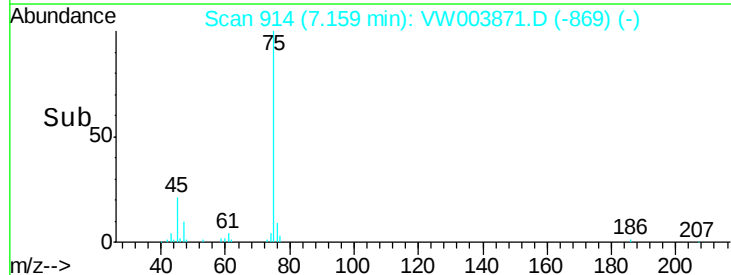
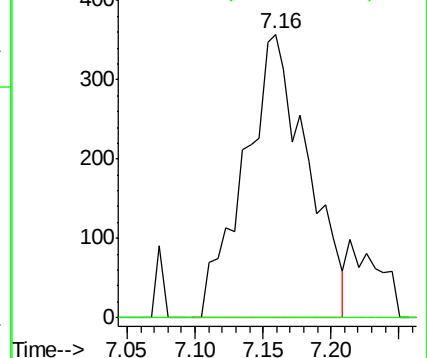


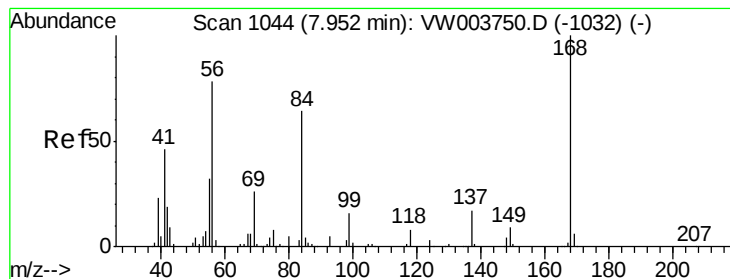
#25
2-Butanone
Concen: 1.806 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003871.D
Acq: 11 Jul 2018 18:49

Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.400 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

Instrument :
MSVOA_W
ClientSampled :

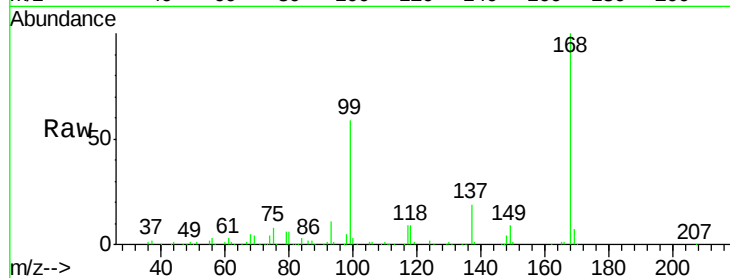
Tot Ion: 56 Resp: 4792

Ion Ratio Lower Upper

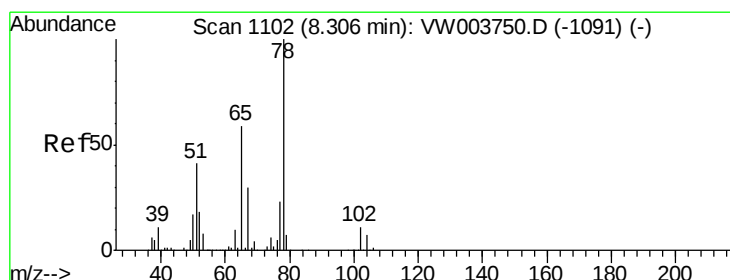
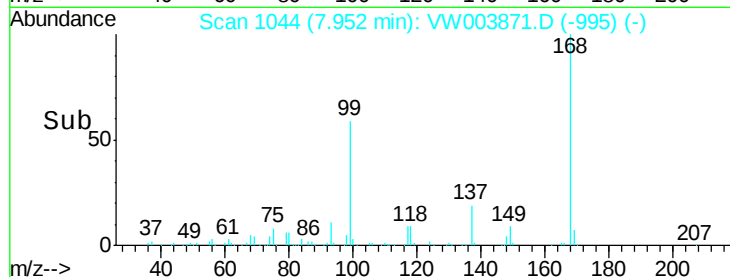
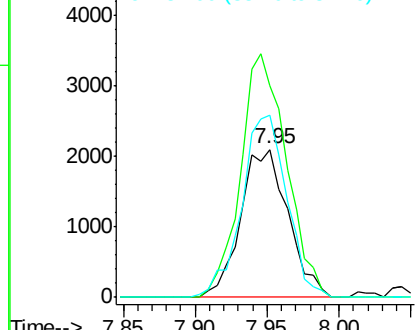
56 100

69 142.7 26.2 39.4#

84 122.9 65.5 98.3#



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: 55.899 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003871.D

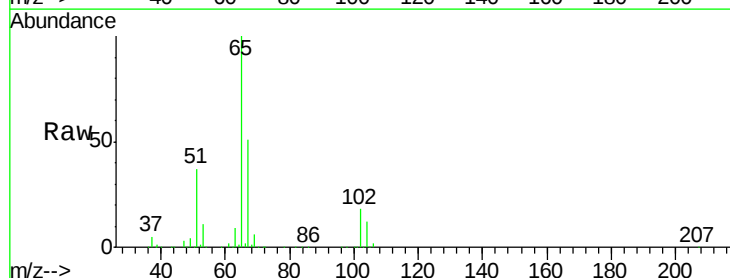
Acq: 11 Jul 2018 18:49

Tgt Ion: 65 Resp: 131129

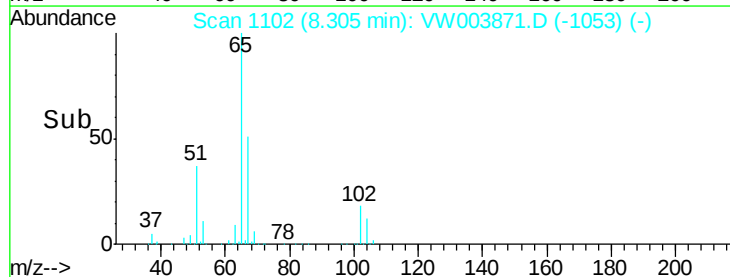
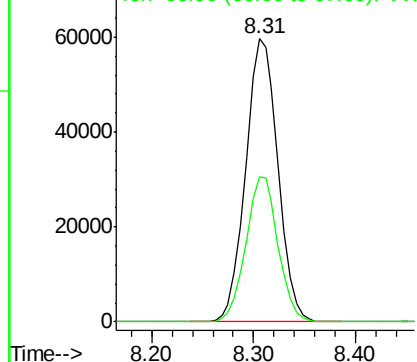
Ion Ratio Lower Upper

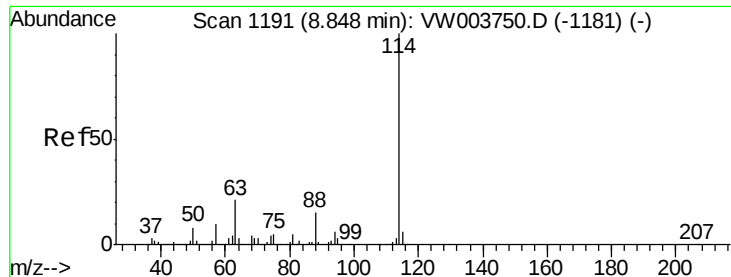
65 100

67 51.1 0.0 103.8



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

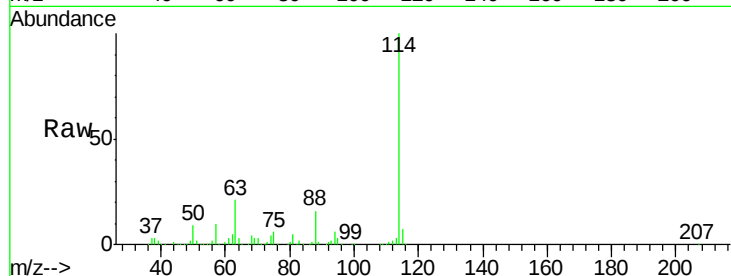




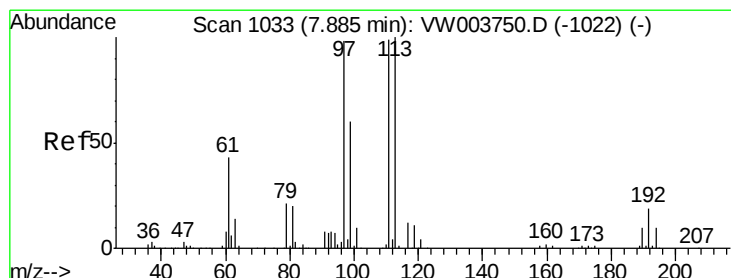
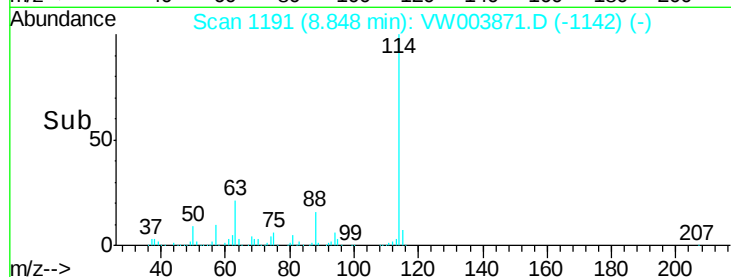
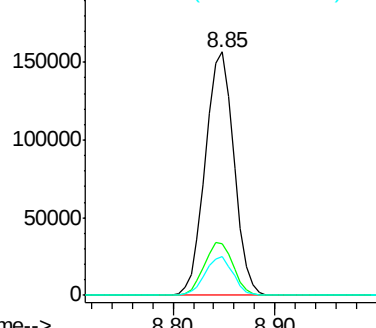
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003871.D
 Acq: 11 Jul 2018 18:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	15.8	0.0	30.2

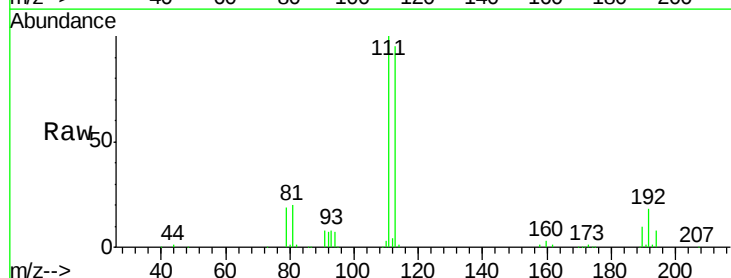


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

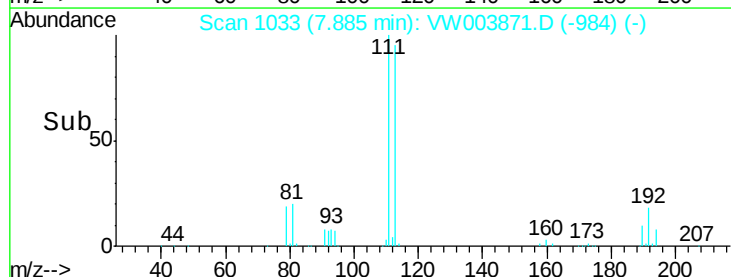
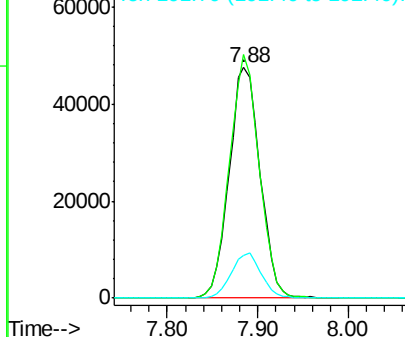


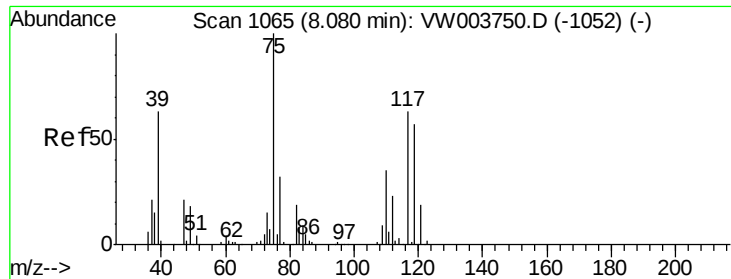
#35
 Dibromofluoromethane
 Concen: 52.858 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003871.D
 Acq: 11 Jul 2018 18:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.7	122.5
192	19.1	15.8	23.8



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: 4.744 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

Instrument :
MSVOA_W
ClientSampled :

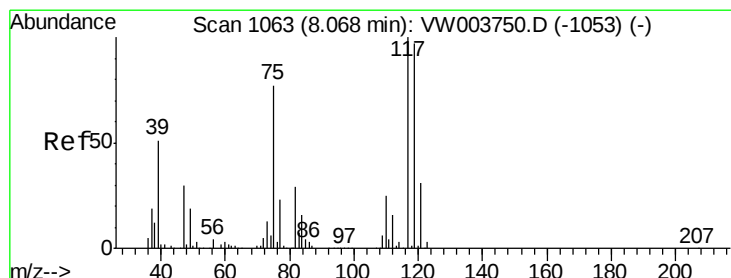
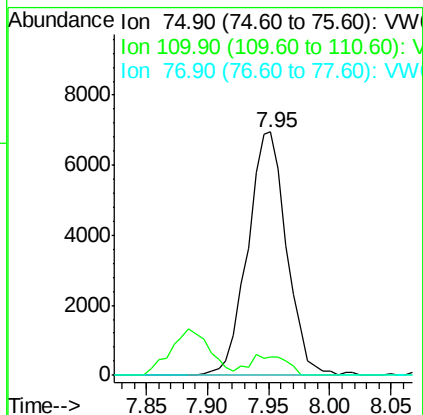
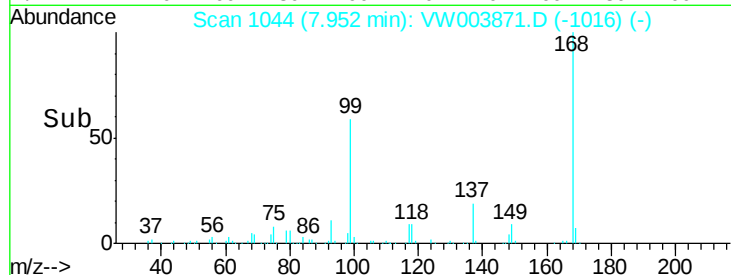
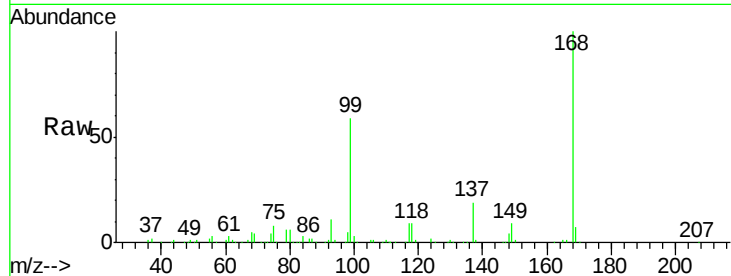
Tot Ion: 75 Resp: 15338

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.908 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

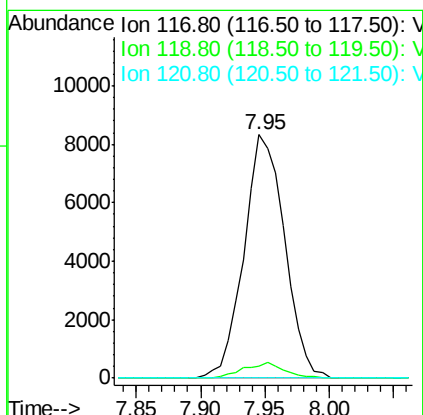
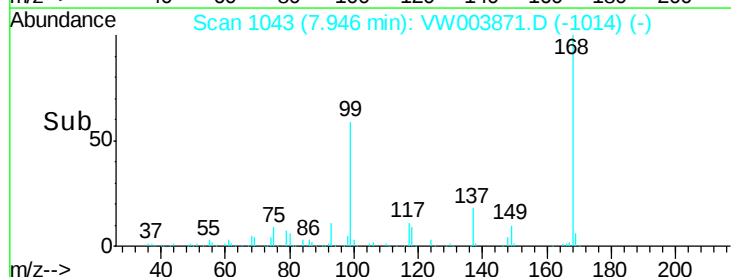
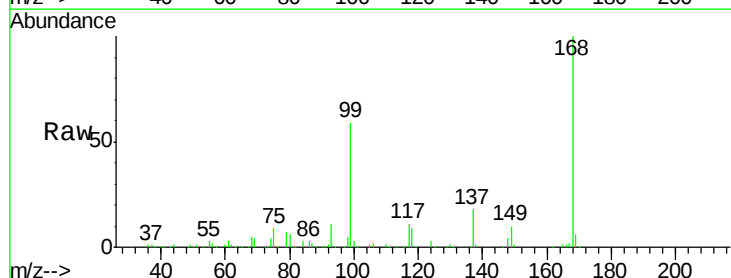
Tgt Ion: 117 Resp: 18161

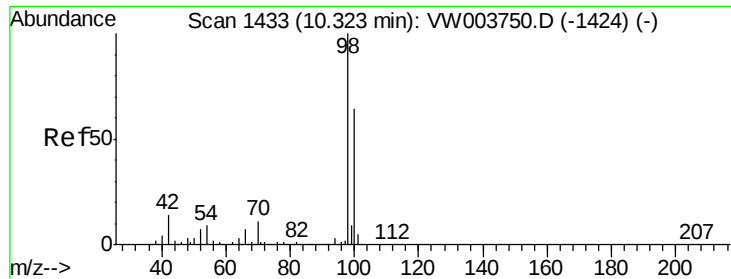
Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.2#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 50.288 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

Instrument :

MSVOA_W

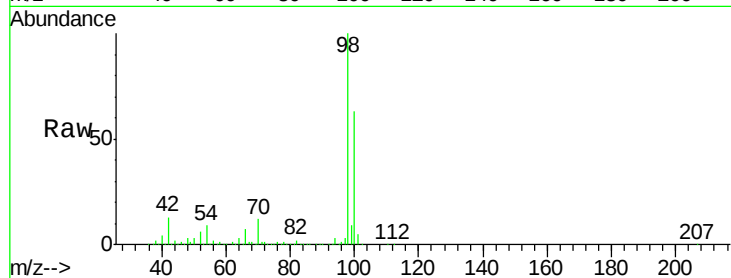
ClientSampleId :

Tot Ion: 98 Resp: 410201

Ion Ratio Lower Upper

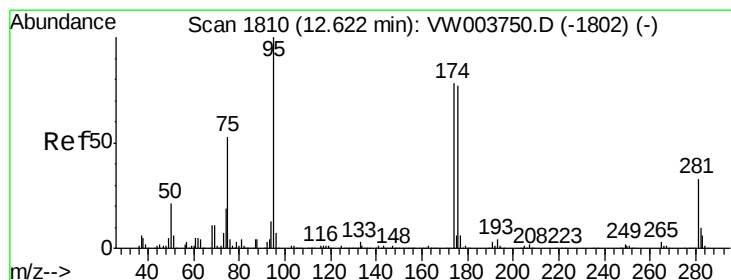
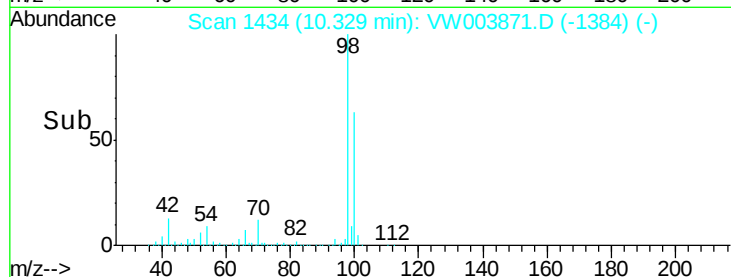
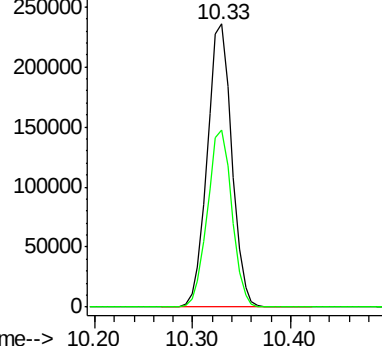
98 100

100 62.7 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: 46.274 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

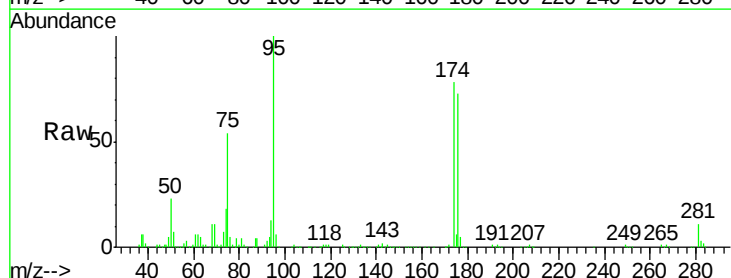
Tgt Ion: 95 Resp: 136571

Ion Ratio Lower Upper

95 100

174 81.4 0.0 163.4

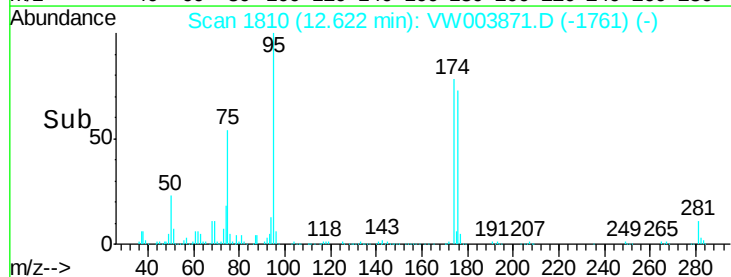
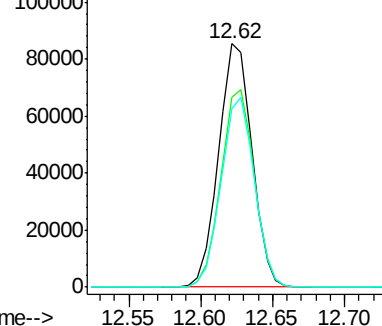
176 77.6 0.0 156.8

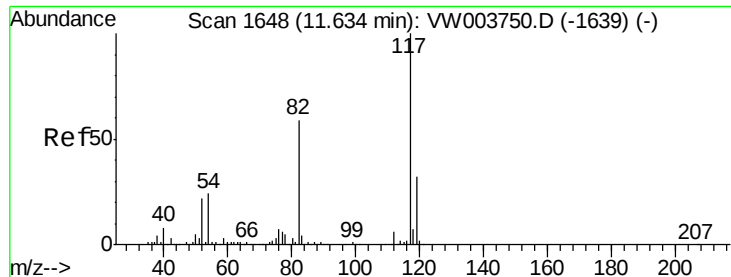


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

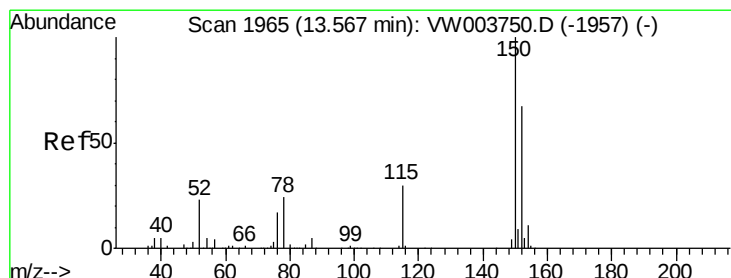
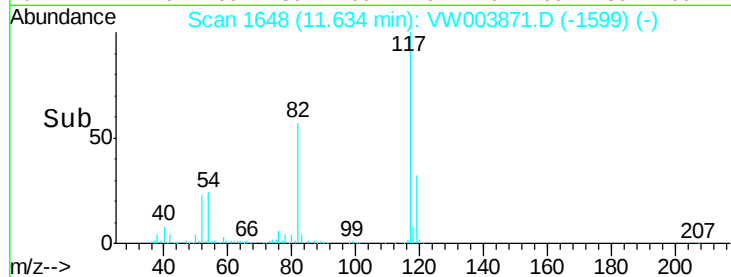
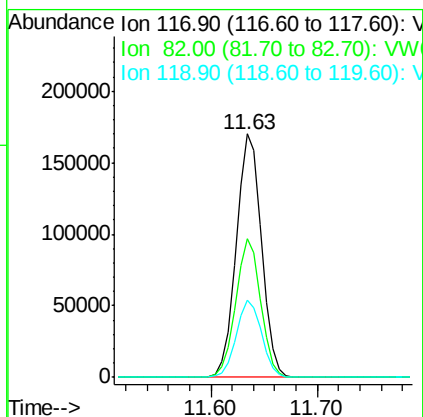
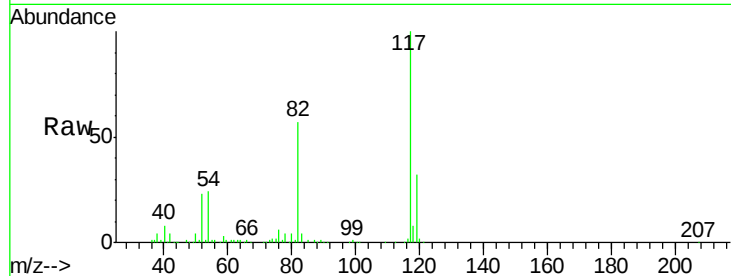




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003871.D
Acq: 11 Jul 2018 18:49

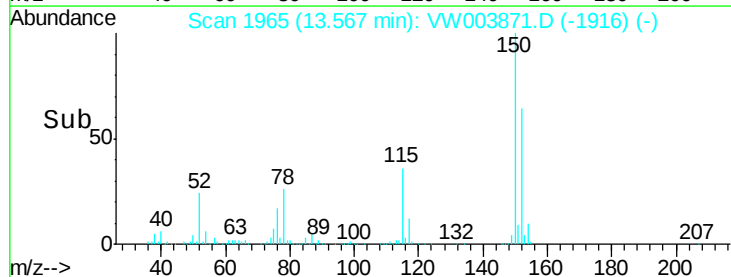
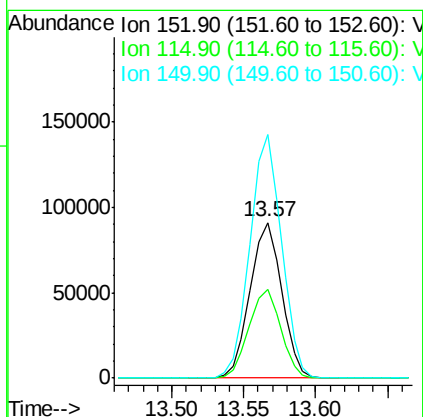
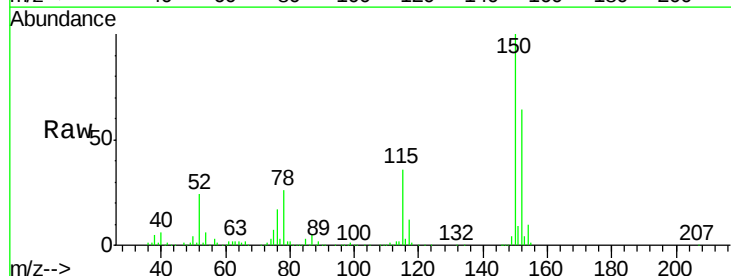
Instrument :
MSVOA_W
ClientSampled :

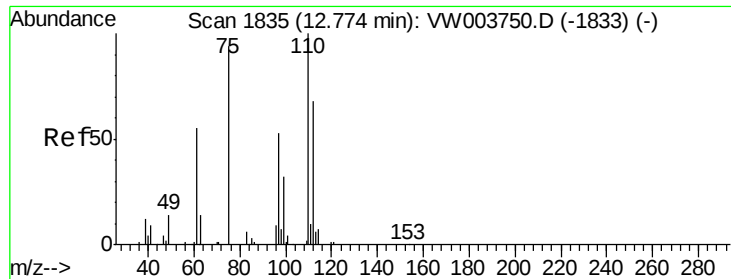
Tot Ion:117 Resp: 282535
Ion Ratio Lower Upper
117 100
82 56.8 46.9 70.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003871.D
Acq: 11 Jul 2018 18:49

Tgt Ion:152 Resp: 138924
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 155.8 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 53.789 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

Instrument :

MSVOA_W

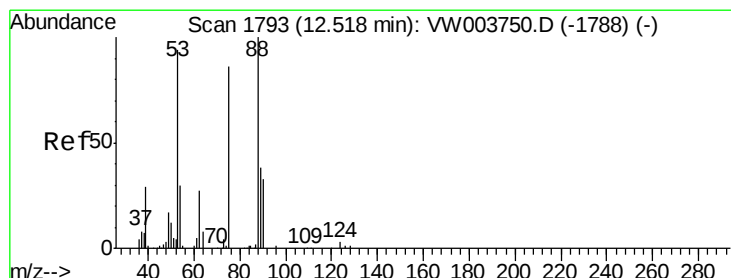
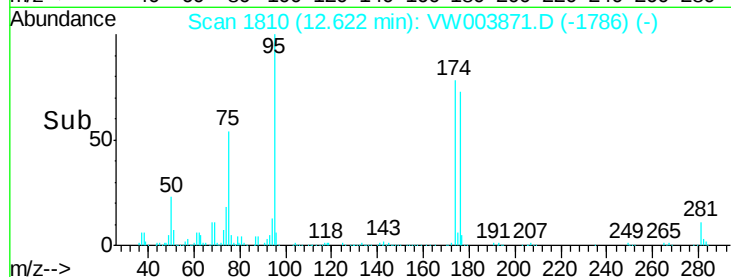
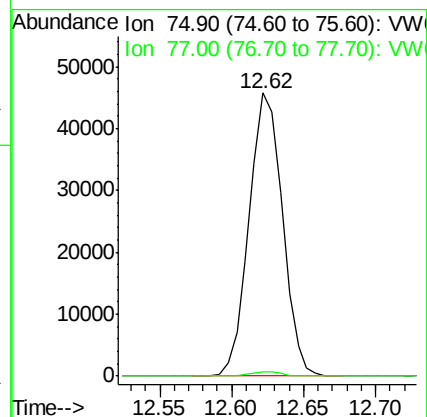
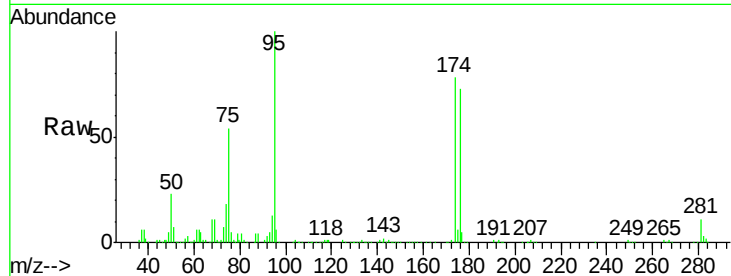
ClientSampled :

Tot Ion: 75 Resp: 73379

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.580 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003871.D

Acq: 11 Jul 2018 18:49

Tgt Ion: 75 Resp: 73379

Ion Ratio Lower Upper

75 100

53 0.1 85.0 127.6#

89 0.1 36.3 54.5#

