

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003672.D
 Acq On : 29 Jun 2018 20:17
 Operator : SY/AP
 Sample : J3773-03RE
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:43:25 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	92594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	150265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	74880	74.66	ug/l	0.00
Spiked Amount			Recovery	=	149.32%	
35) Dibromofluoromethane	7.89	113	63663	68.18	ug/l	0.00
Spiked Amount			Recovery	=	136.36%	
50) Toluene-d8	10.33	98	204797	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
62) 4-Bromofluorobenzene	12.62	95	67852	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

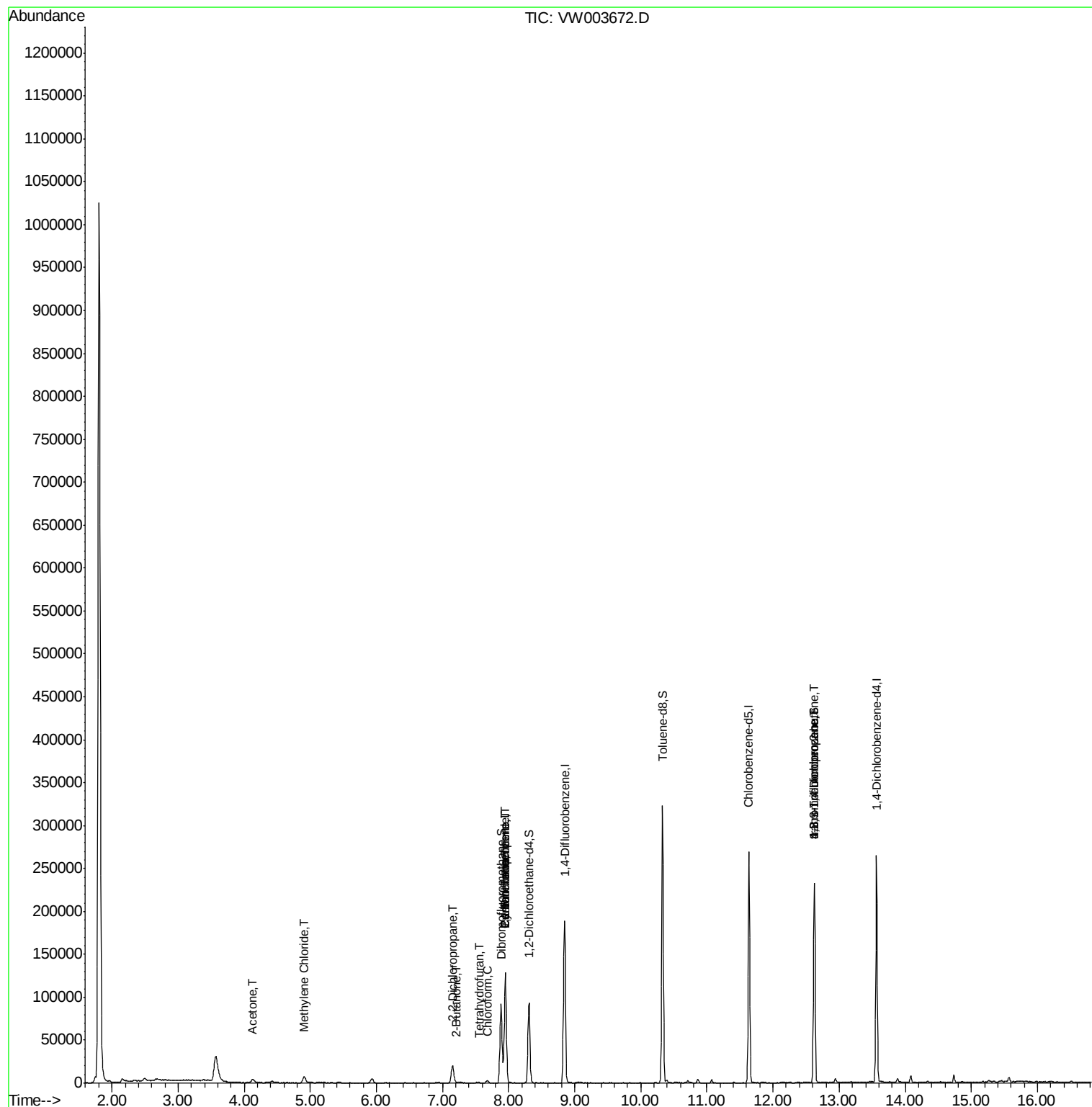
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	7189	34.177	ug/l	98
20) Methylene Chloride	4.91	84	4991	2.067	ug/l	94
25) 2-Butanone	7.21	43	329	1.258	ug/l #	50
26) 2,2-Dichloropropane	7.15	77	1441	1.245	ug/l #	53
29) Tetrahydrofuran	7.55	42	220	1.376	ug/l #	47
30) Chloroform	7.68	83	2287	1.294	ug/l #	80
31) Cyclohexane	7.95	56	2497	1.541	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	8101	5.582	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9513	6.683	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	37121	66.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37121	153.813	ug/l #	8

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
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: VW003672.D

Acq: 29 Jun 2018 20:17

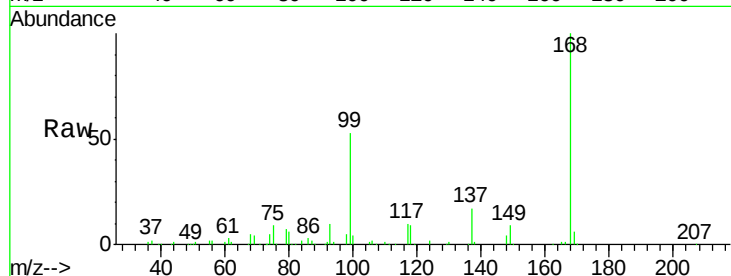
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 92594

Ion Ratio Lower Upper

168 100

99 52.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW003250.D (-1033) (-)

Ion 98.90 (98.60 to 99.60): VW003250.D (-1033) (-)

7.95

50000

40000

30000

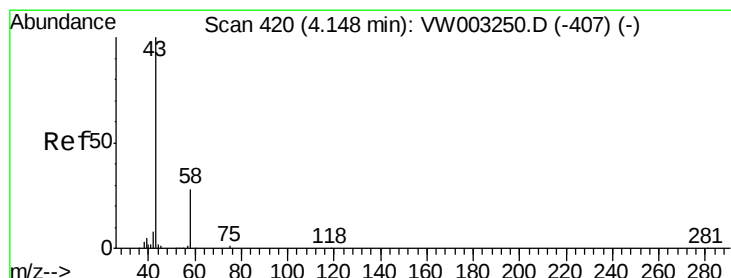
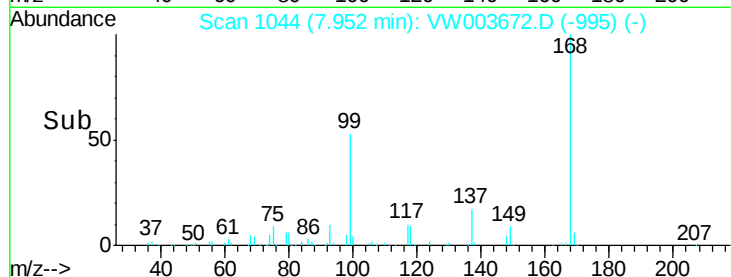
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 34.177 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VW003672.D

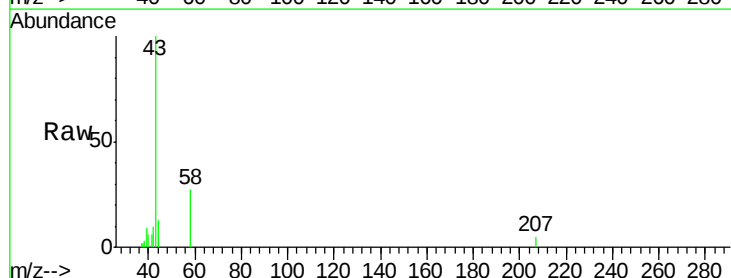
Acq: 29 Jun 2018 20:17

Tgt Ion: 43 Resp: 7189

Ion Ratio Lower Upper

43 100

58 27.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW003250.D (-407) (-)

Ion 58.00 (57.70 to 58.70): VW003250.D (-407) (-)

4.13

3000

2500

2000

1500

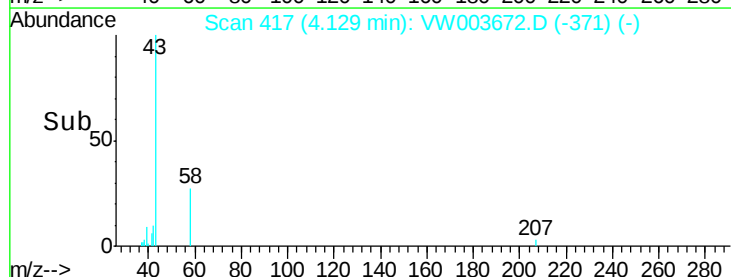
1000

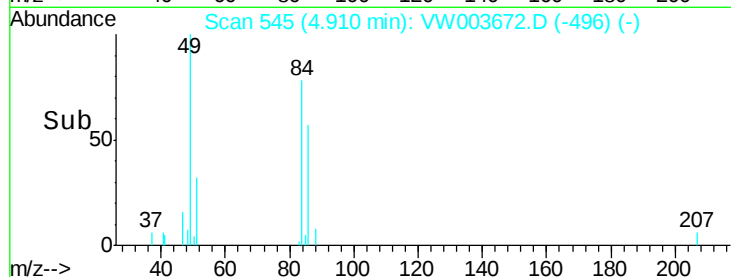
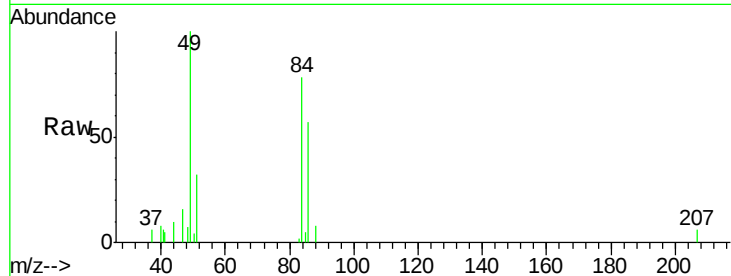
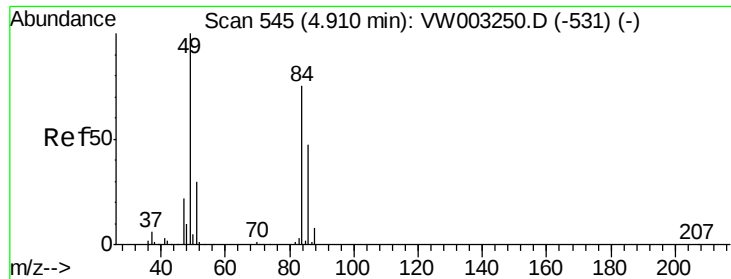
500

0

Time-->

4.00 4.10 4.20

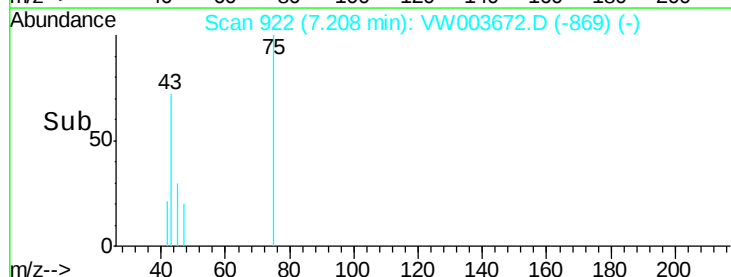
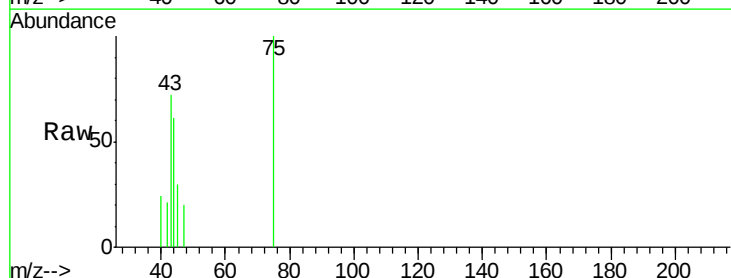
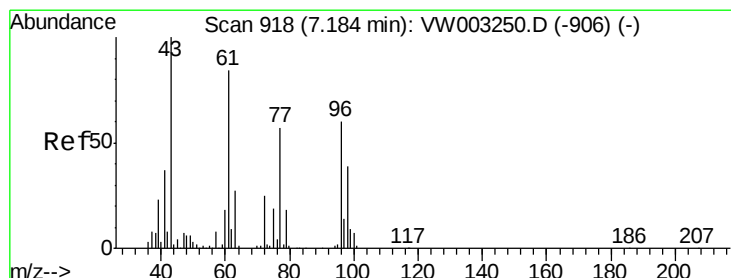
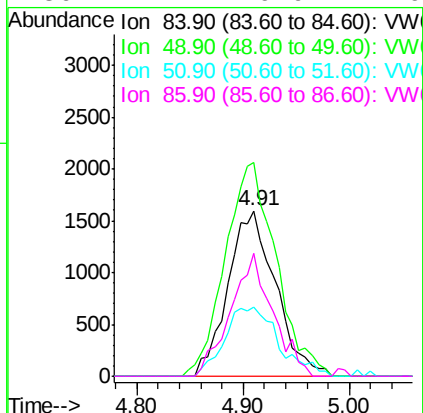




#20
Methvlene Chloride
Concen: 2.067 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

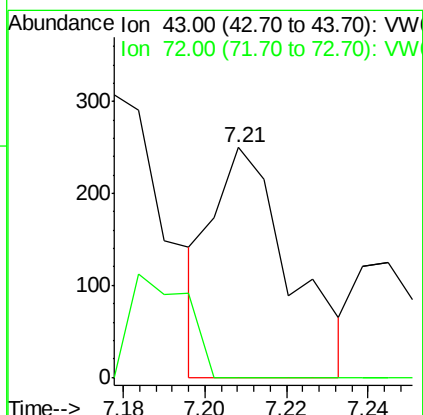
Instrument :
MSVOA_W
ClientSampleId :

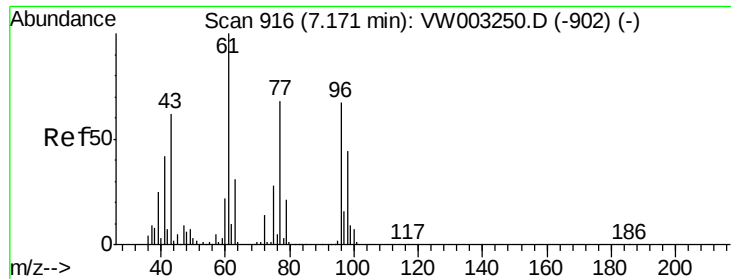
Tot Ion: 84 Resp: 4991
Ion Ratio Lower Upper
84 100
49 129.0 106.3 159.5
51 41.8 32.0 48.0
86 74.2 49.9 74.9



#25
2-Butanone
Concen: 1.258 ug/l
RT: 7.21 min Scan# 922
Delta R.T. 0.02 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#





#26

2,2-Dichloropropane

Concen: 1.245 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW003672.D

Acq: 29 Jun 2018 20:17

Instrument :

MSVOA_W

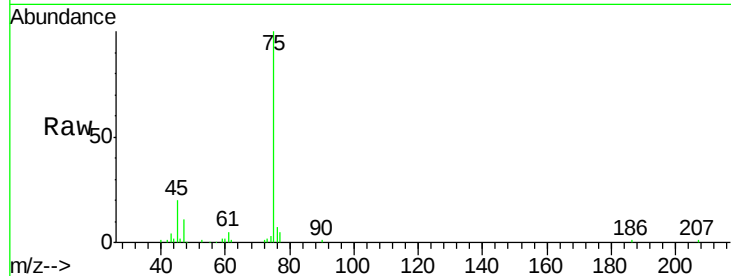
ClientSampled :

Tot Ion: 77 Resp: 1441

Ion Ratio Lower Upper

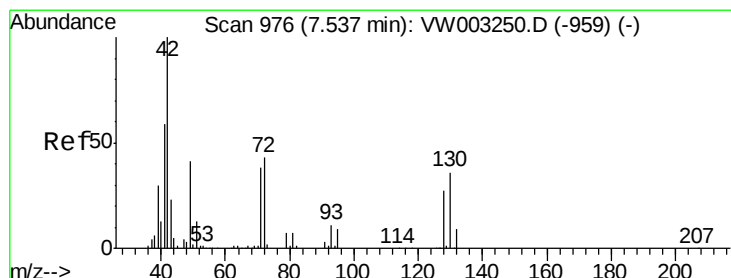
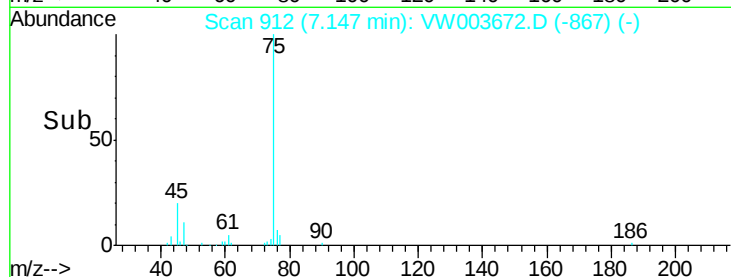
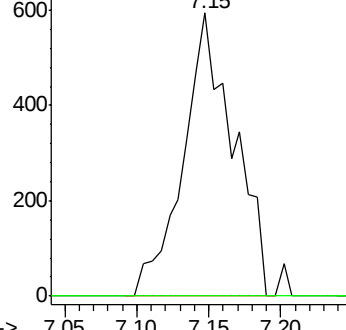
77 100

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: 1.376 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003672.D

Acq: 29 Jun 2018 20:17

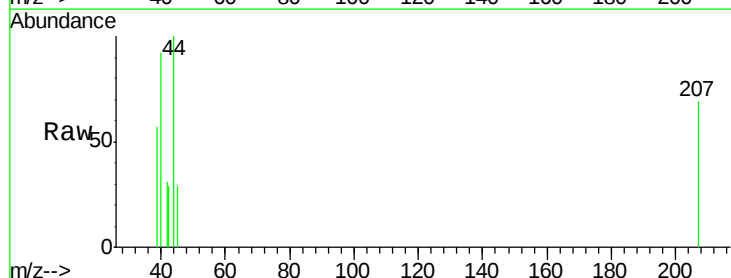
Tgt Ion: 42 Resp: 220

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

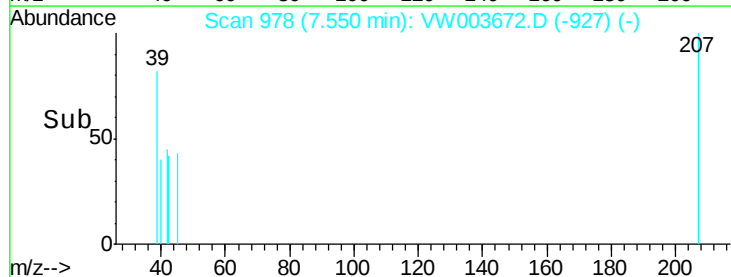
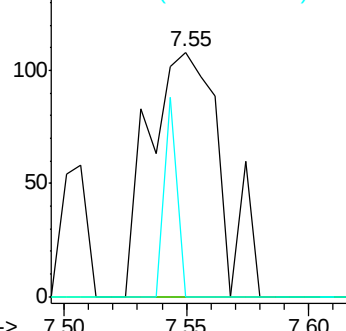
71 14.5 31.2 46.8#

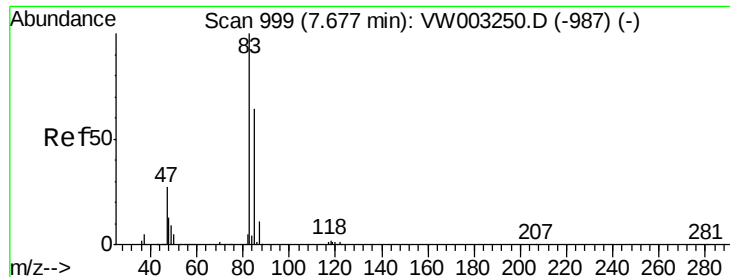


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

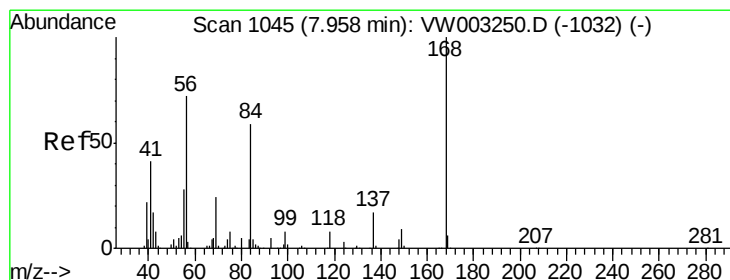
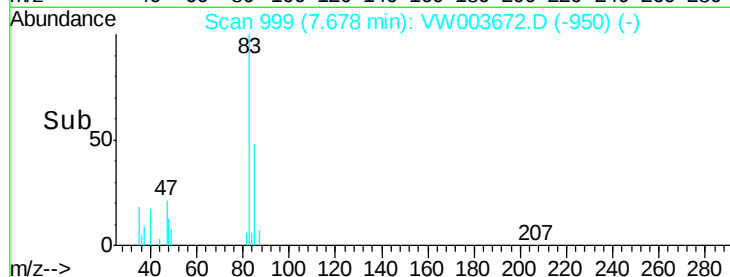
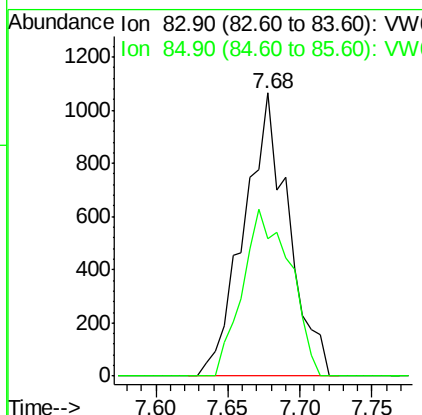
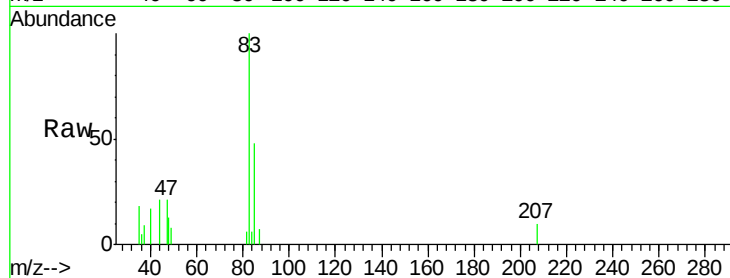




#30
Chloroform
Concen: 1.294 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

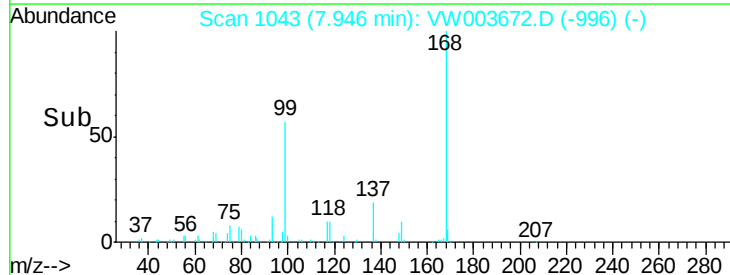
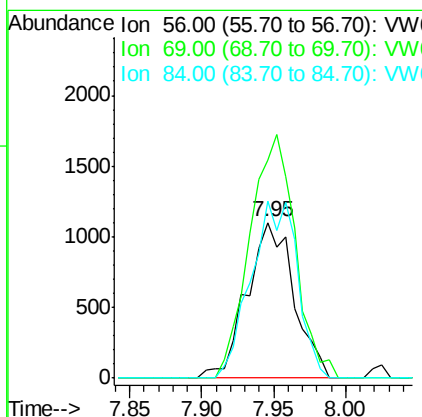
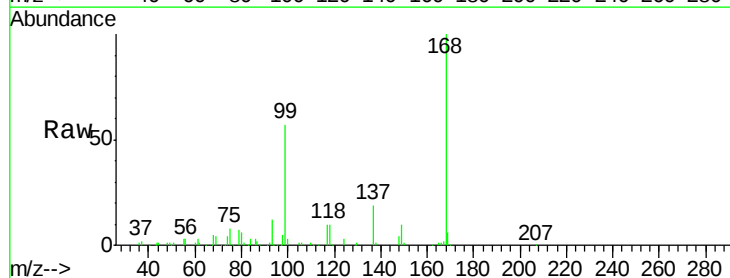
Instrument :
MSVOA_W
ClientSampled :

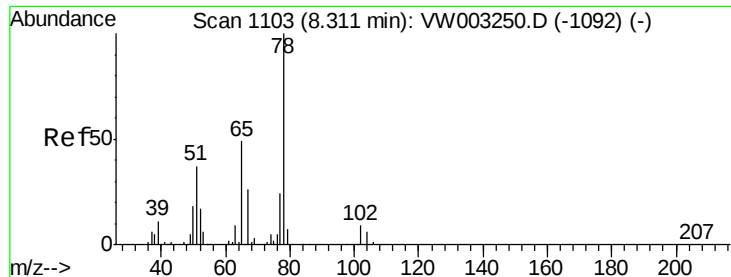
Tot Ion: 83 Resp: 2287
Ion Ratio Lower Upper
83 100
85 48.5 51.3 76.9#



#31
Cyclohexane
Concen: 1.541 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 140.4 26.3 39.5#
84 113.6 65.7 98.5#

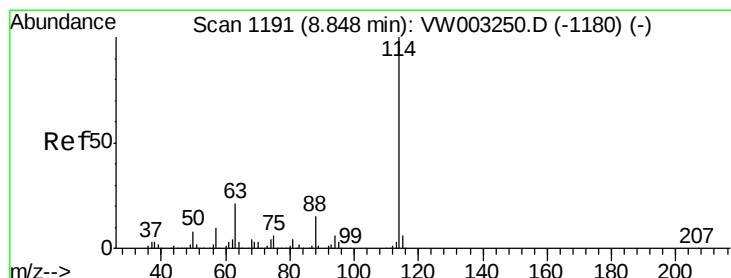
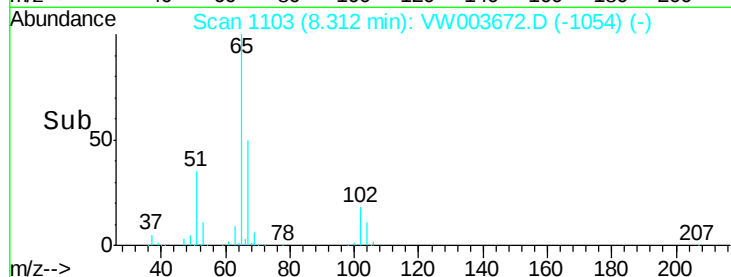
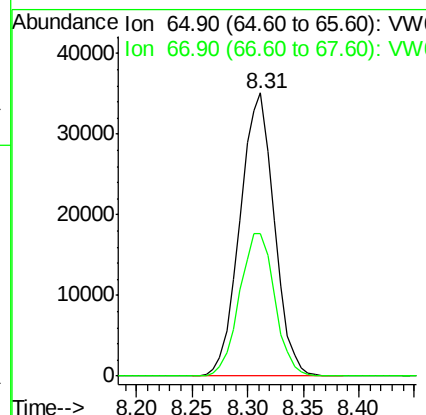
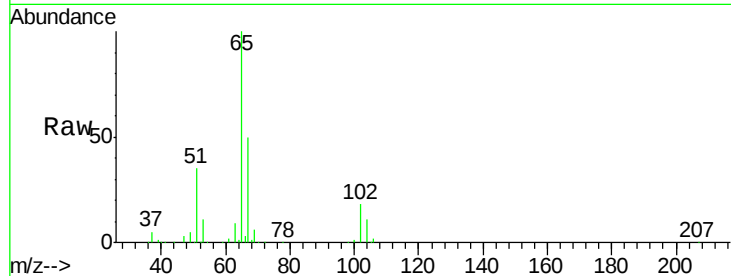




#33
 1,2-Dichloroethane-d4
 Concen: 74.661 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003672.D
 Acq: 29 Jun 2018 20:17

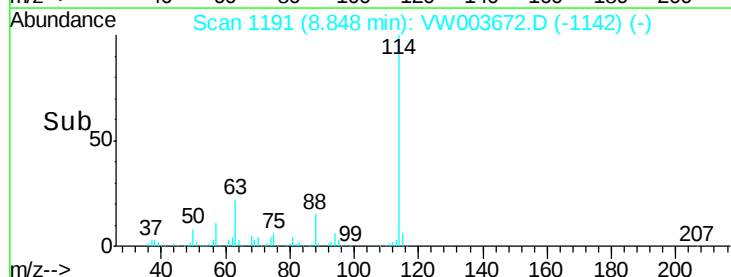
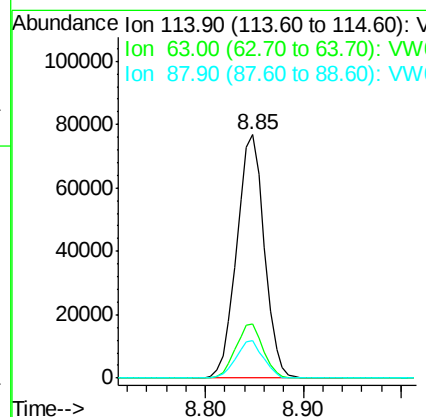
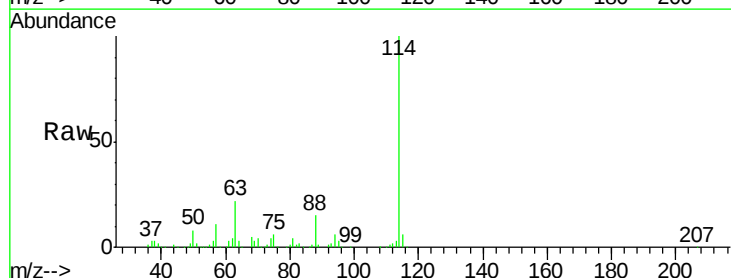
Instrument :
 MSVOA_W
 ClientSampleId :

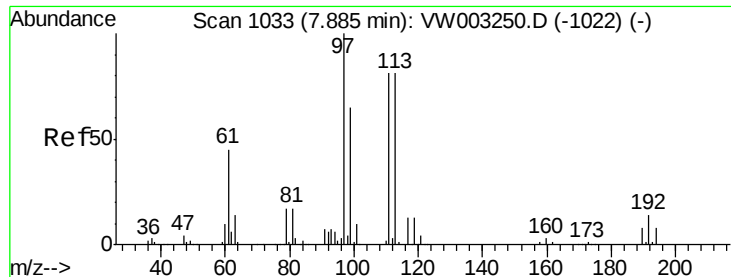
Tot Ion: 65 Resp: 74880
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003672.D
 Acq: 29 Jun 2018 20:17

Tgt Ion: 114 Resp: 150265
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.0
 88 15.3 0.0 29.6

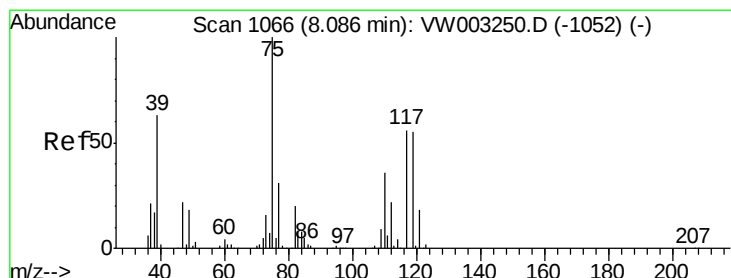
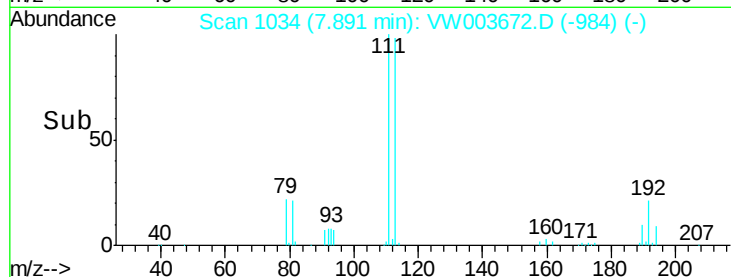
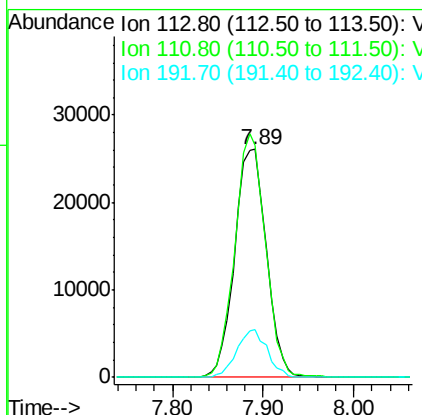
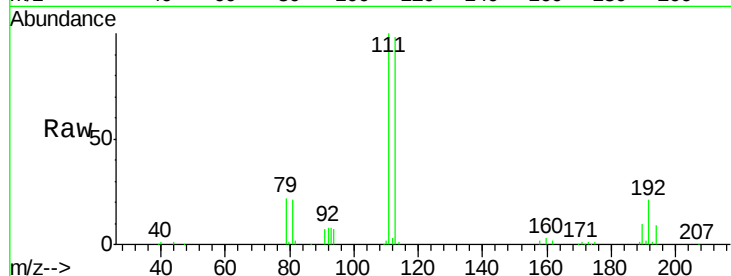




#35
 Dibromofluoromethane
 Concen: 68.183 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003672.D
 Acq: 29 Jun 2018 20:17

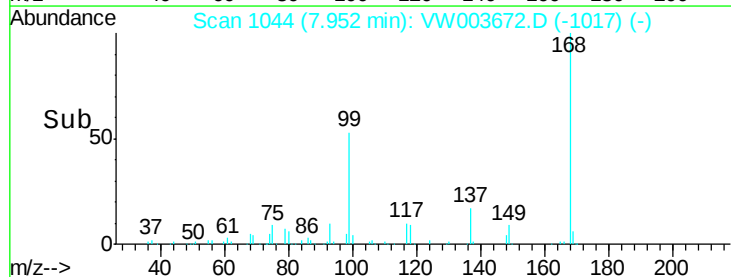
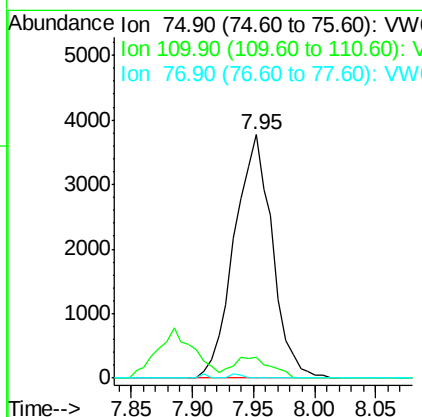
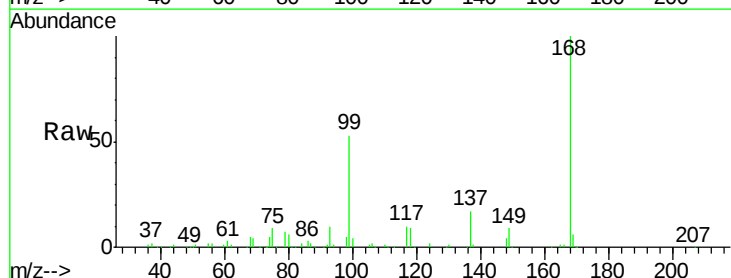
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 MSVOA_W
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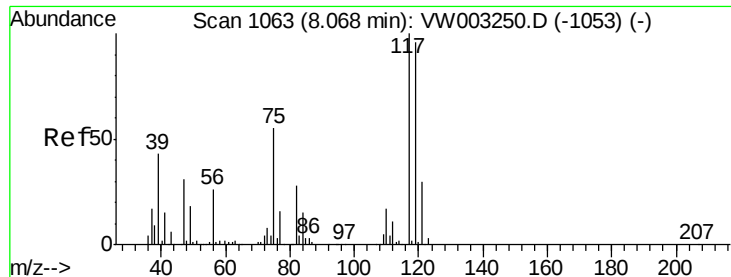
Tot Ion:113 Resp: 63663
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.582 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003672.D
 Acq: 29 Jun 2018 20:17

Tgt Ion: 75 Resp: 8101
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.5 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.683 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003672.D

Acq: 29 Jun 2018 20:17

Instrument :

MSVOA_W

ClientSampled :

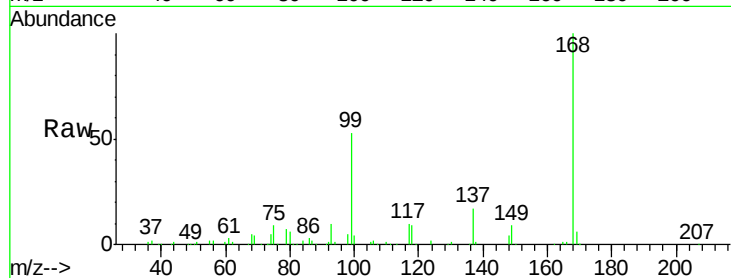
Tot Ion:117 Resp: 9513

Ion Ratio Lower Upper

117 100

119 5.0 76.6 115.0#

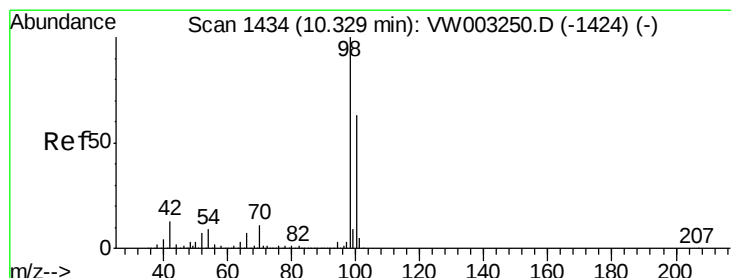
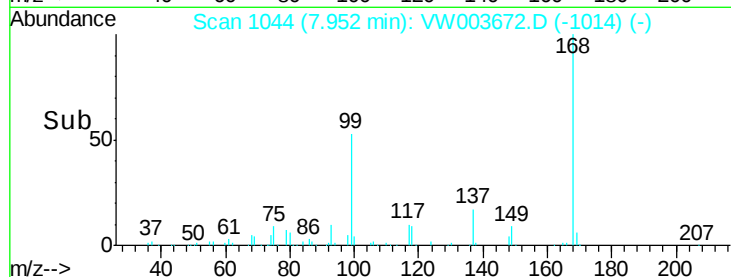
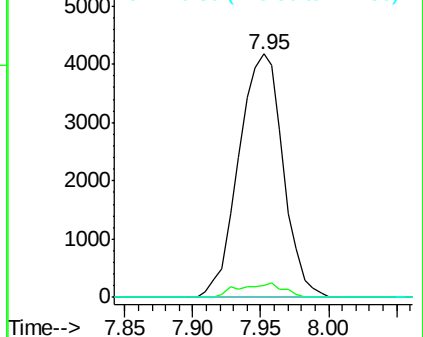
121 0.0 23.9 35.9#



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: 55.316 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003672.D

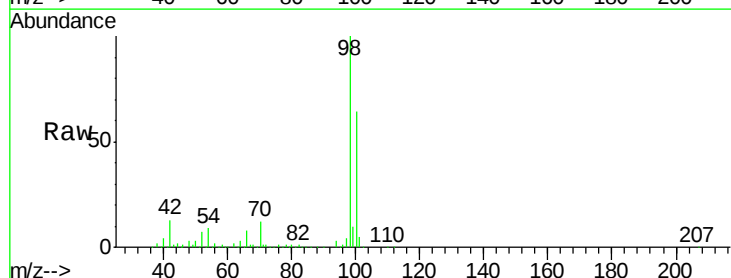
Acq: 29 Jun 2018 20:17

Tgt Ion: 98 Resp: 204797

Ion Ratio Lower Upper

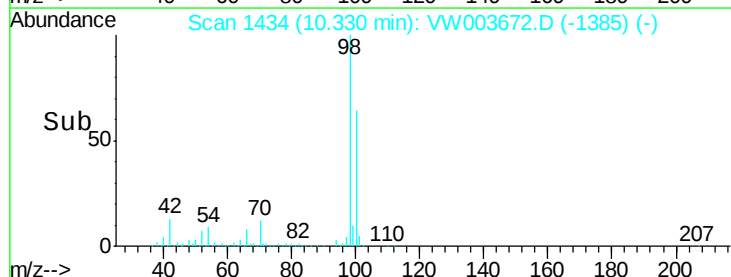
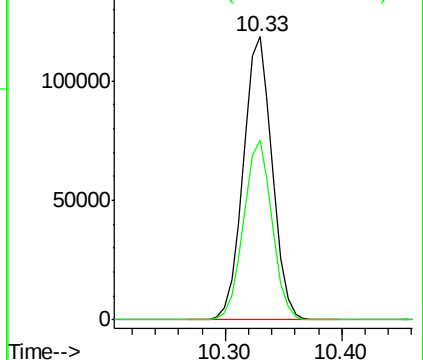
98 100

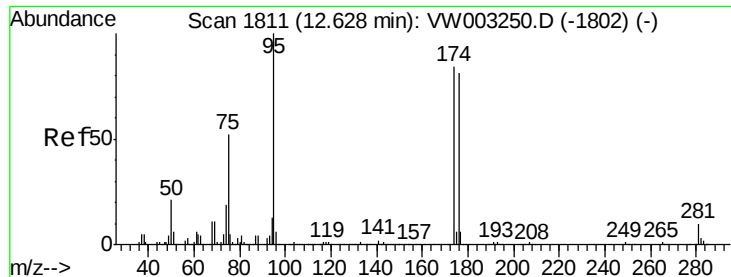
100 62.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

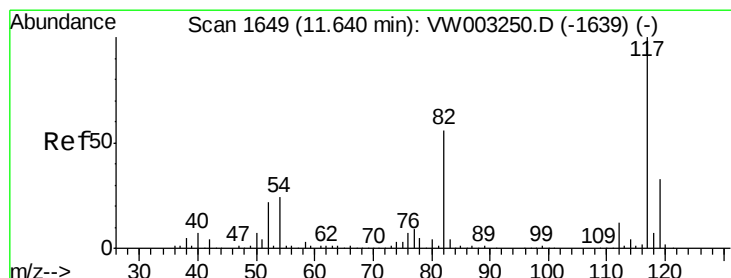
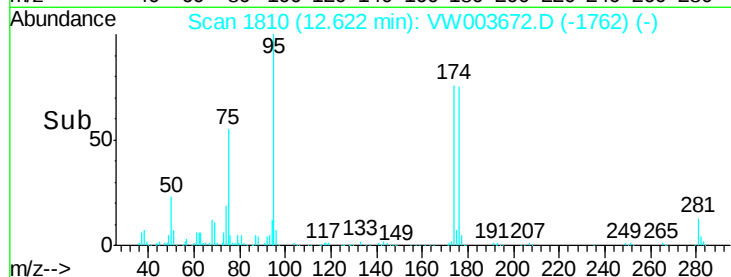
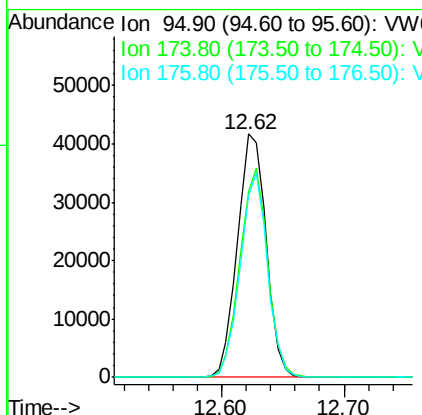
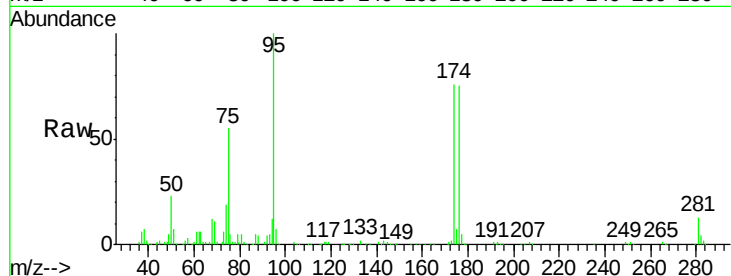




#62
4-Bromofluorobenzene
Concen: 51.787 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

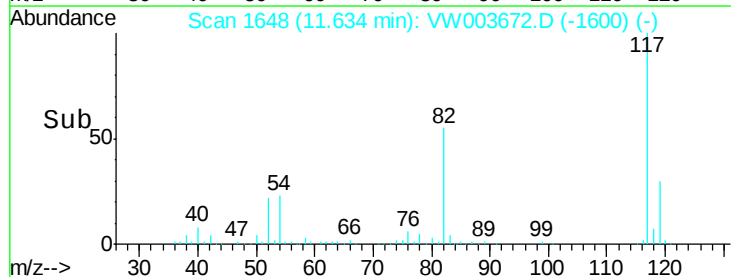
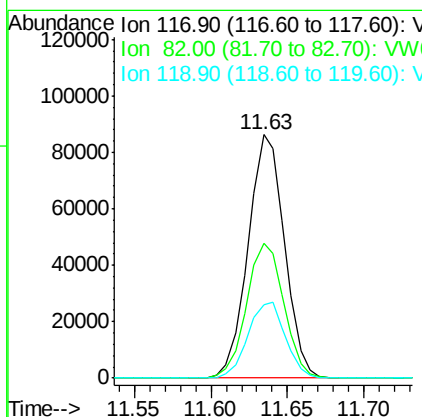
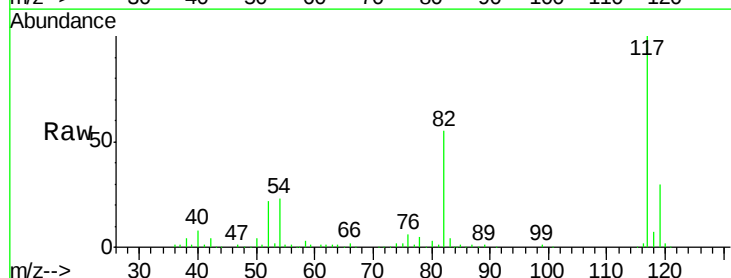
Instrument :
MSVOA_W
ClientSampleId :

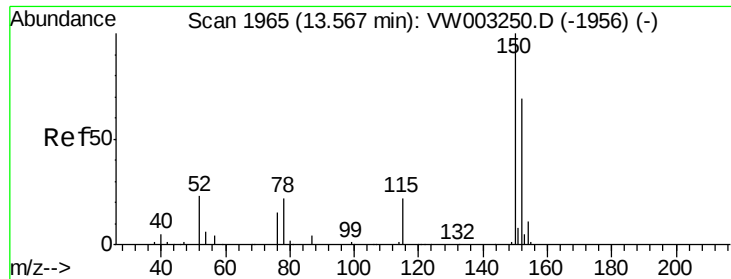
Tot Ion: 95 Resp: 67852
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.4
176 79.4 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

Tgt Ion: 117 Resp: 142921
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 30.3 26.7 40.1



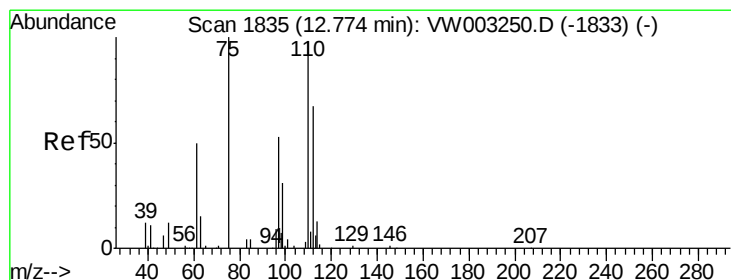
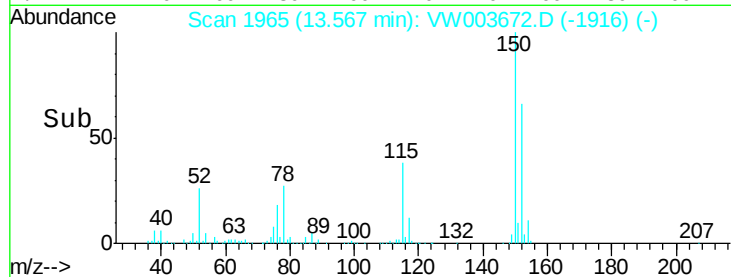
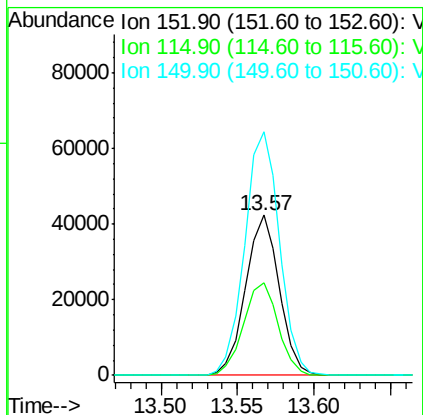
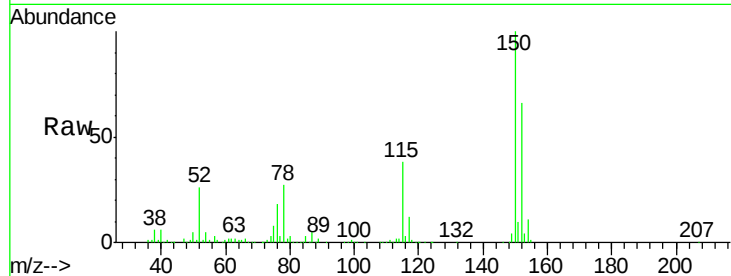


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

Instrument :
MSVOA_W
ClientSampleId :

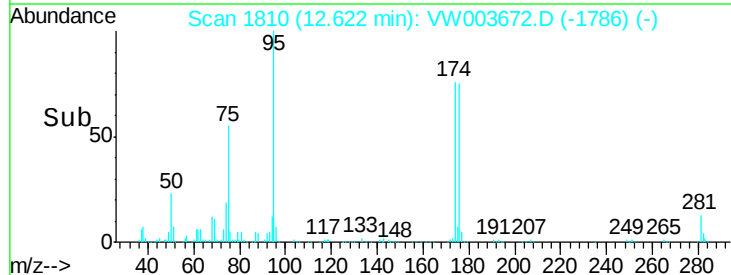
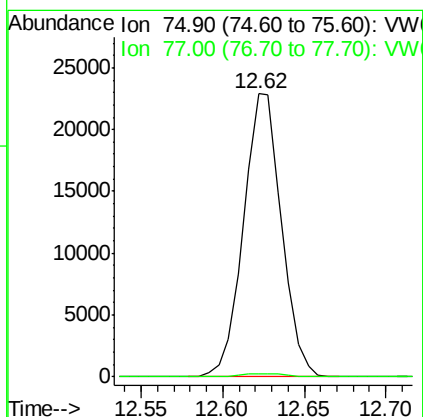
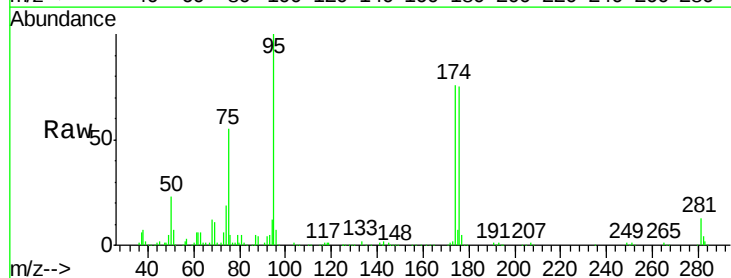
Tot Ion:152 Resp: 64960
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 156.1 0.0 349.6

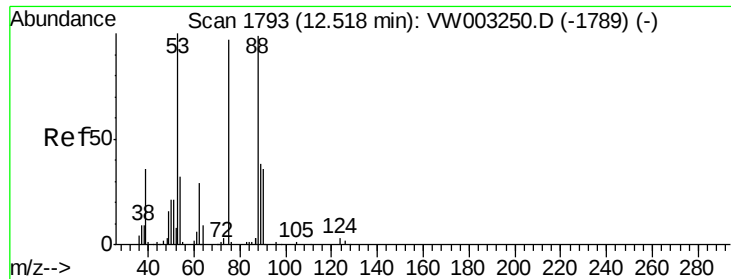


#76

1,2,3-Trichloropropane
Concen: 66.845 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003672.D
Acq: 29 Jun 2018 20:17

Tgt Ion: 75 Resp: 37121
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 153.813 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

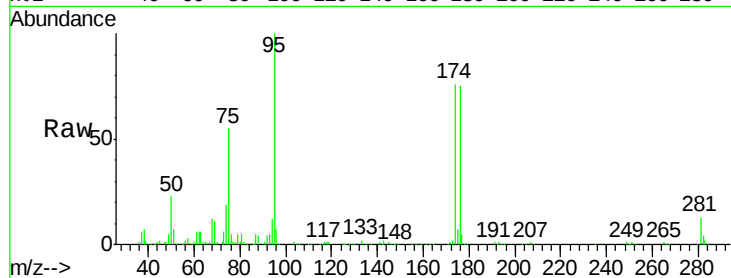
Lab File: VW003672.D

Acq: 29 Jun 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 75 Resp: 37121

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 36.7 55.1#

