

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003941.D
 Acq On : 14 Jul 2018 02:39
 Operator : VA/AP
 Sample : J3958-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 14 04:19:11 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	209131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125062	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	7.88	113	107574	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	
50) Toluene-d8	10.33	98	392048	39.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.82%	
62) 4-Bromofluorobenzene	12.62	95	133382	37.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.06%	

Target Compounds

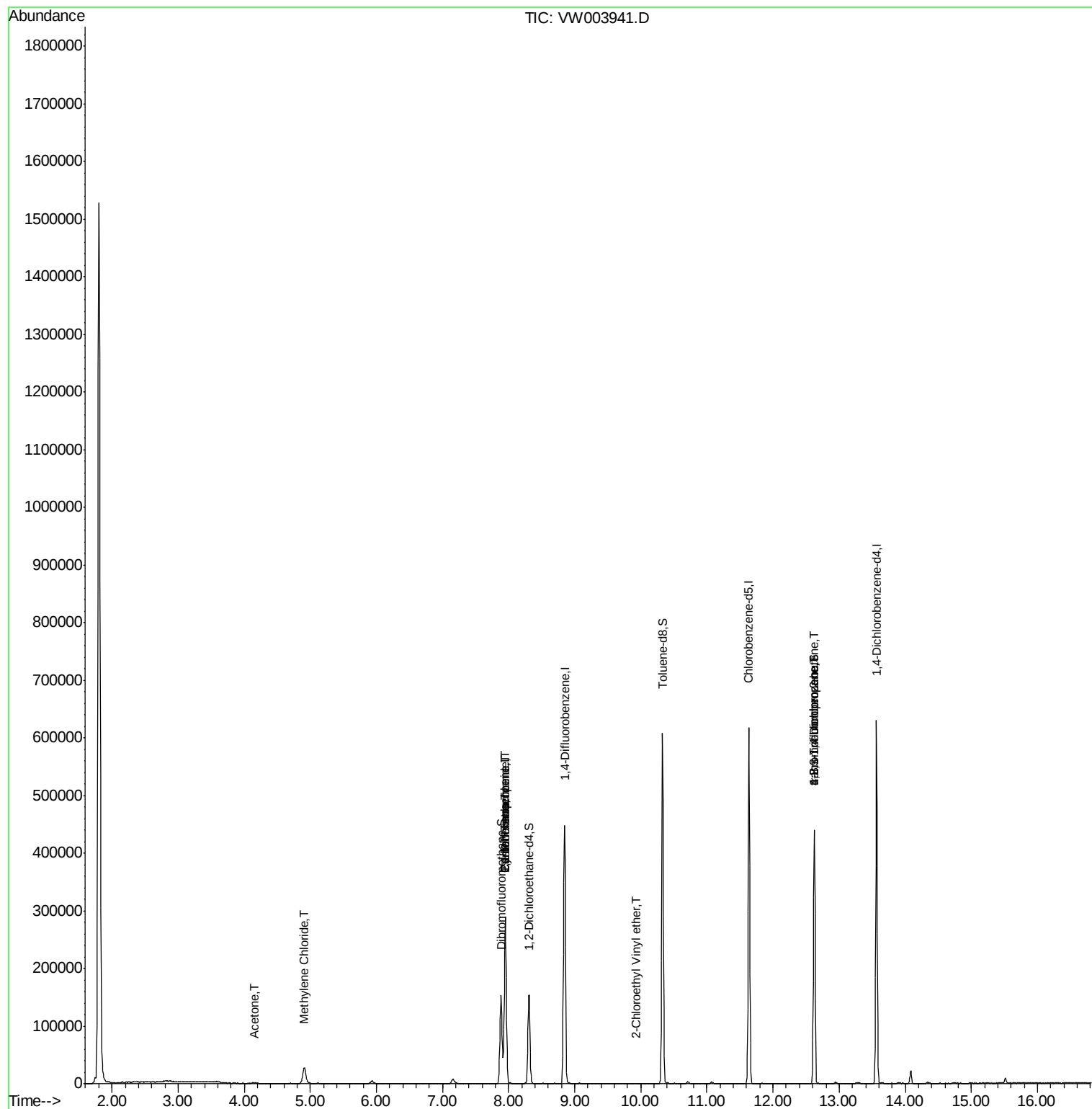
					Qvalue	
16) Acetone	4.15	43	2678	5.644	ug/l	98
20) Methylene Chloride	4.90	84	22257	5.744	ug/l	98
31) Cyclohexane	7.95	56	5185	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17909	4.600	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21041	5.684	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	154	13.275	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	72469	47.299	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72469	115.704	ug/l #	8

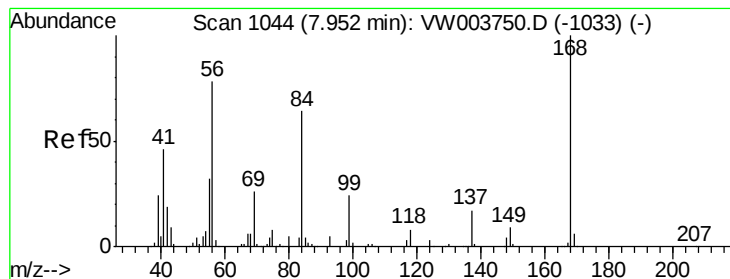
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003941.D

Acq: 14 Jul 2018 02:39

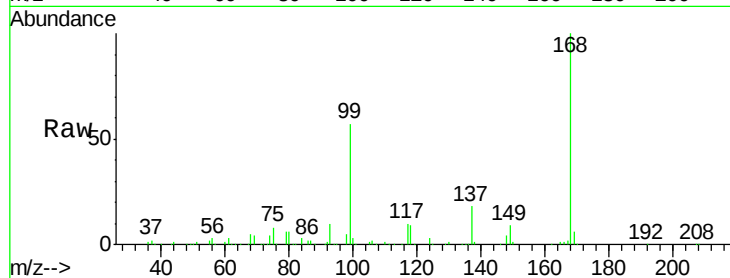
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 209131

Ion Ratio Lower Upper

168 100

99 56.9 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

100000

80000

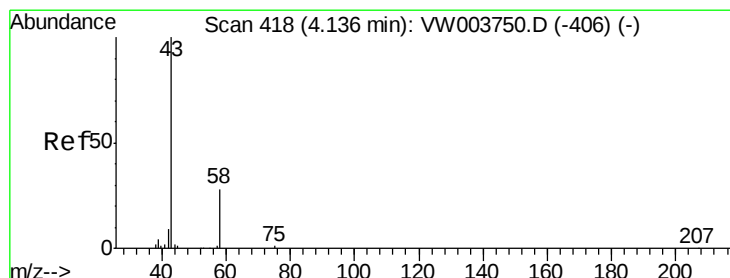
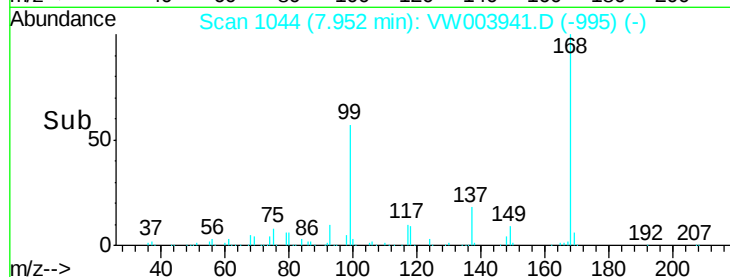
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 5.644 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW003941.D

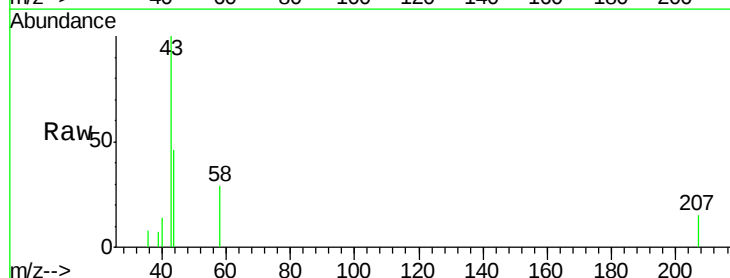
Acq: 14 Jul 2018 02:39

Tgt Ion: 43 Resp: 2678

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1000

800

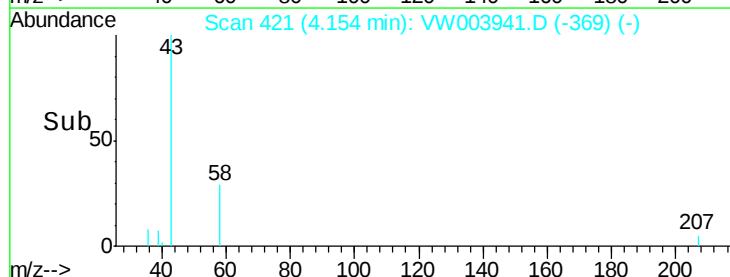
600

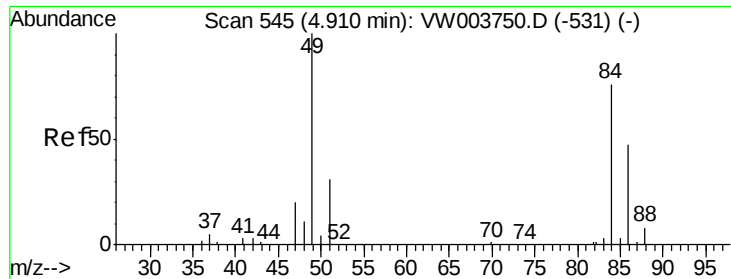
400

200

0

Time--> 4.05 4.10 4.15 4.20

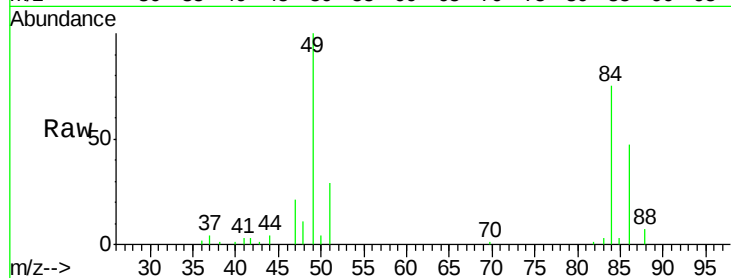




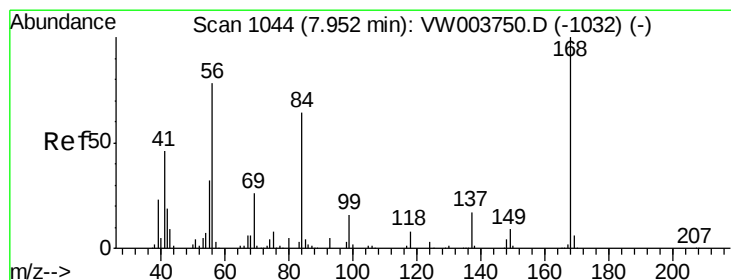
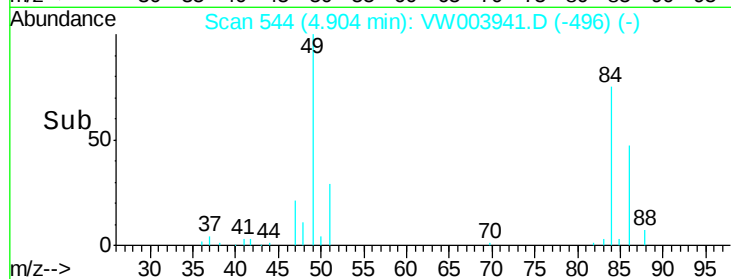
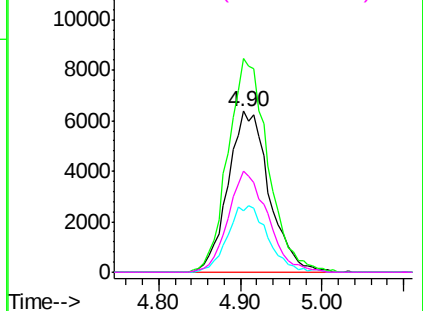
#20
Methvlene Chloride
Concen: 5.744 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	22257
Ion	Ratio	Lower	Upper
84	100		
49	132.6	105.1	157.7
51	38.2	32.5	48.7
86	62.9	49.8	74.6

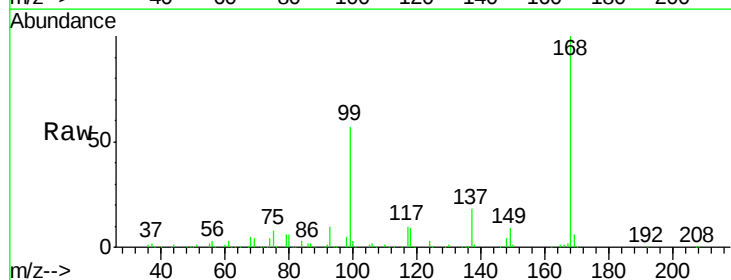


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

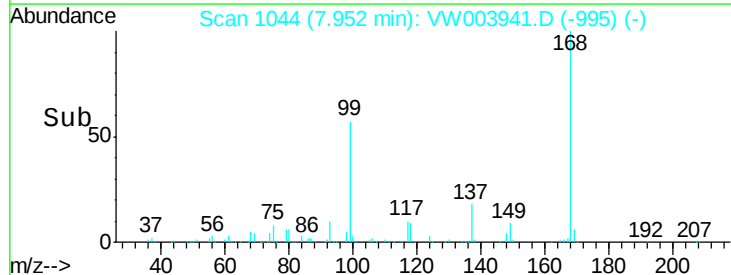
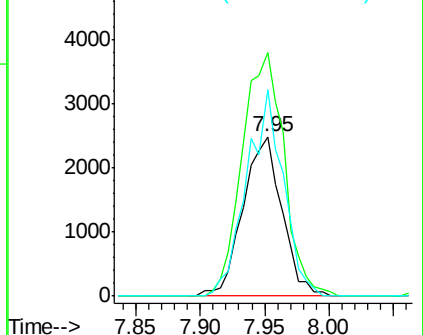


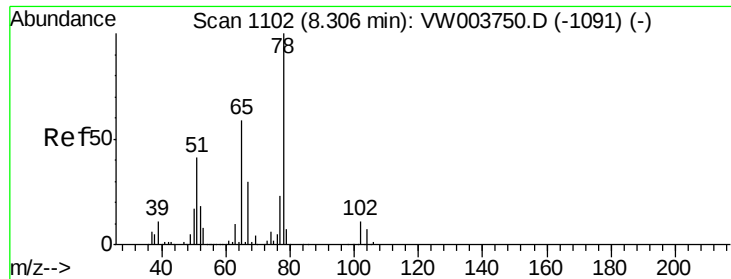
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

Tgt Ion:	56	Resp:	5185
Ion	Ratio	Lower	Upper
56	100		
69	152.7	26.2	39.4#
84	129.3	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

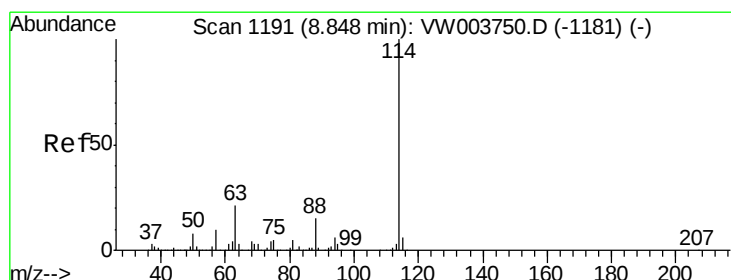
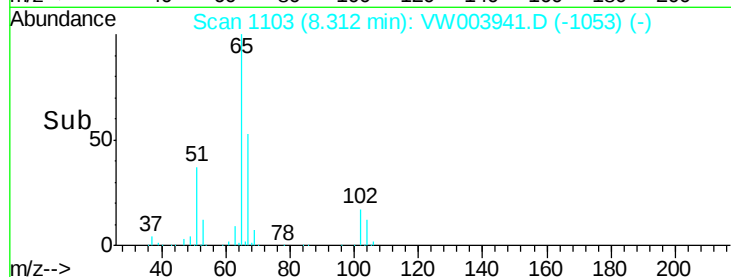
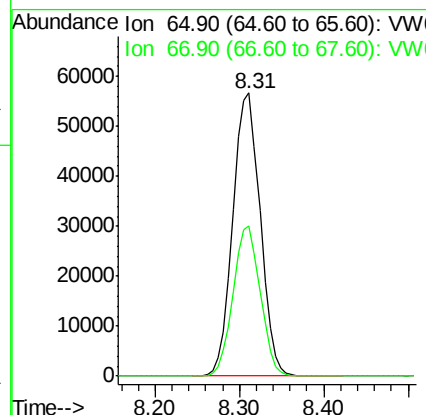
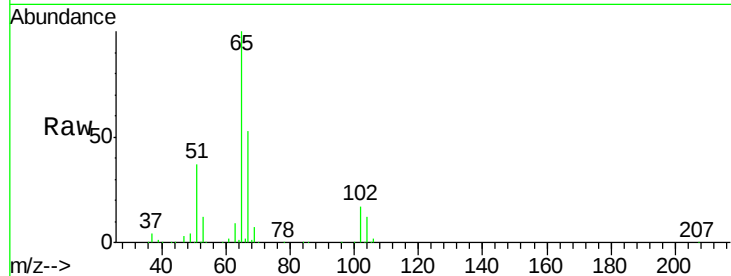




#33
 1,2-Dichloroethane-d4
 Concen: 45.729 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

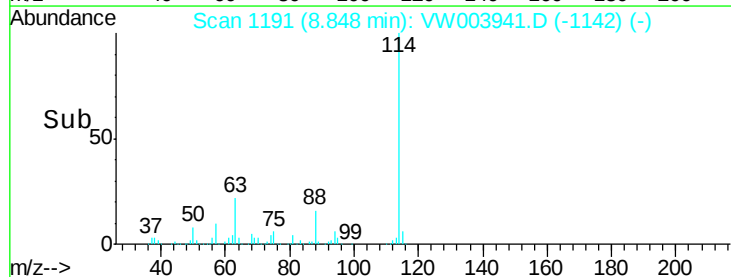
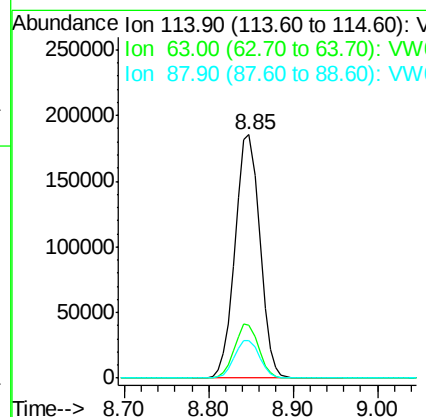
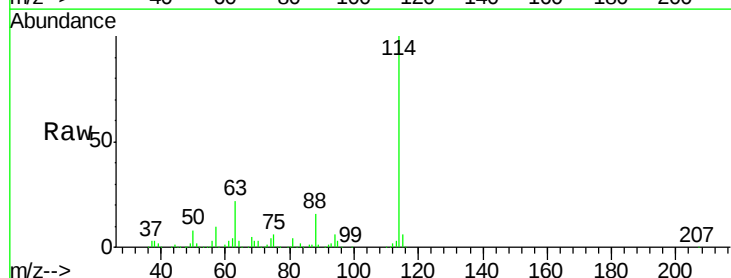
Instrument :
 MSVOA_W
 ClientSampleId :

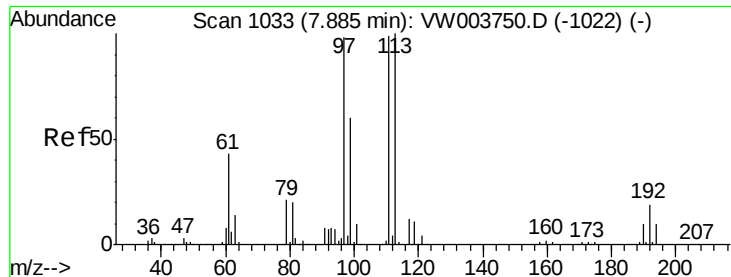
Tot Ion: 65 Resp: 125062
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

Tgt Ion: 114 Resp: 366910
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.8
 88 15.6 0.0 30.2

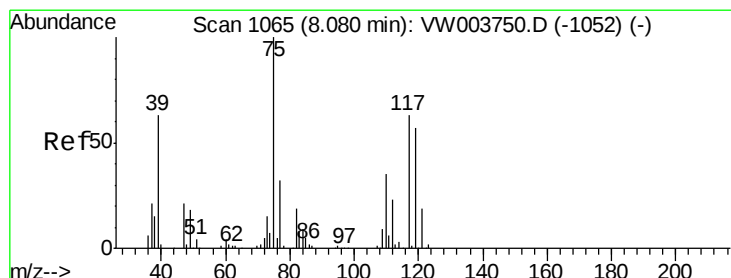
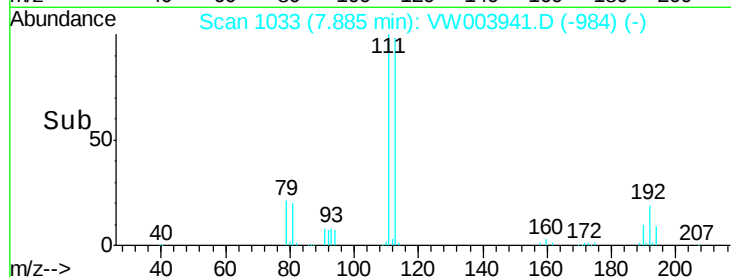
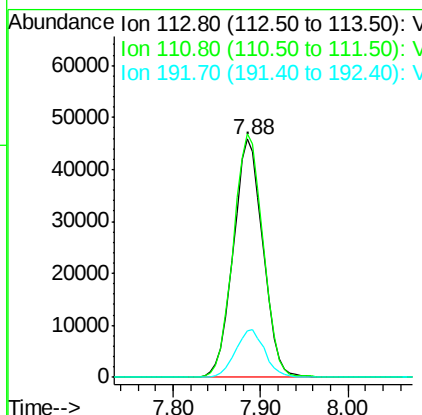
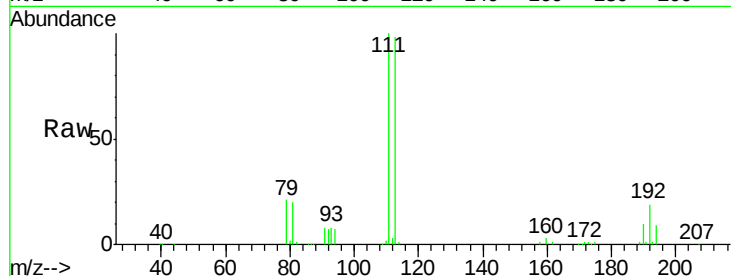




#35
 Dibromofluoromethane
 Concen: 41.891 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

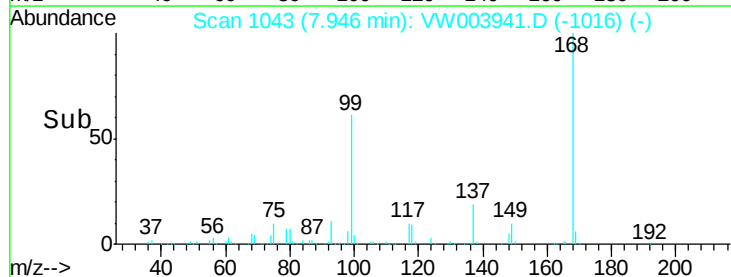
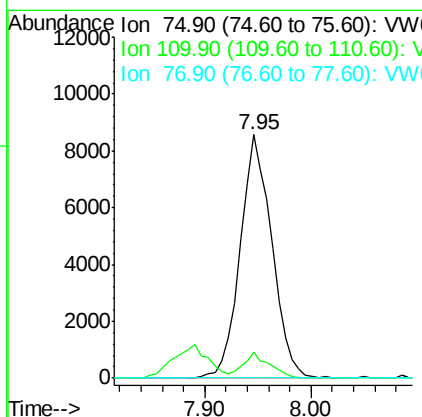
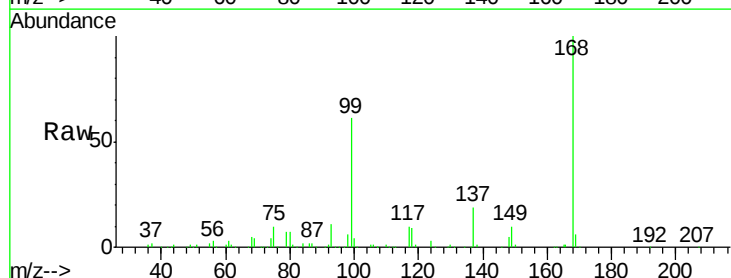
Instrument :
 MSVOA_W
 ClientSampleId :

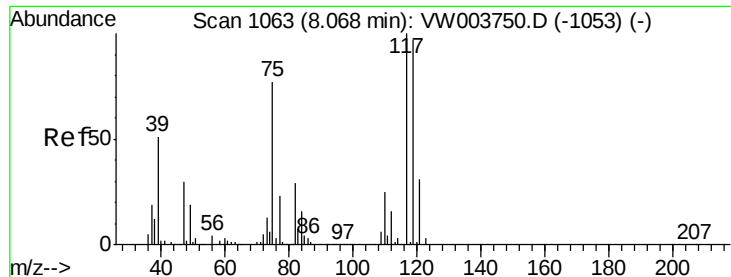
Tot Ion:113 Resp: 107574
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

Tgt Ion: 75 Resp: 17909
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.684 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

Instrument :

MSVOA_W

ClientSampled :

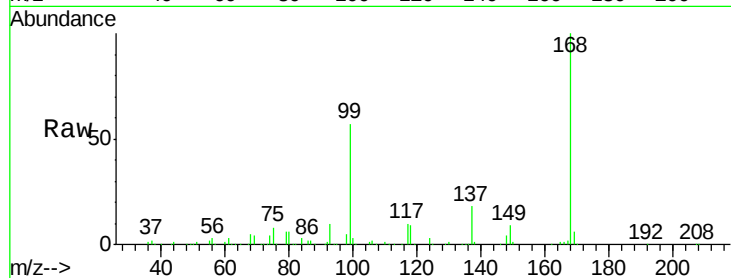
Tot Ion:117 Resp: 21041

Ion Ratio Lower Upper

117 100

119 4.2 77.4 116.2#

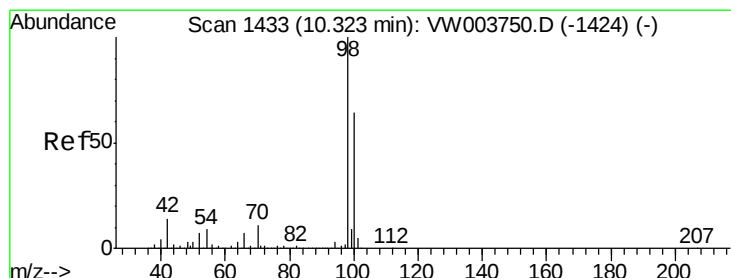
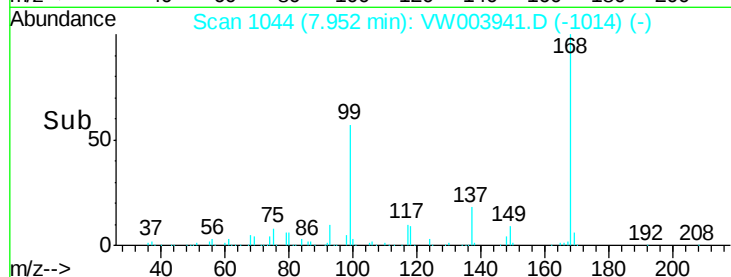
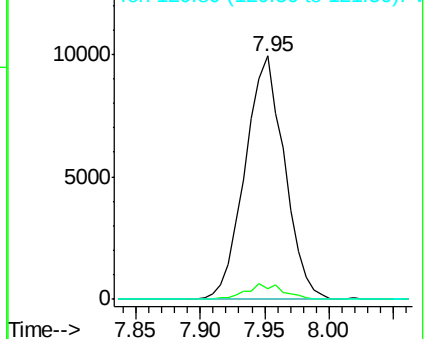
121 0.0 24.6 37.0#



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: 39.911 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003941.D

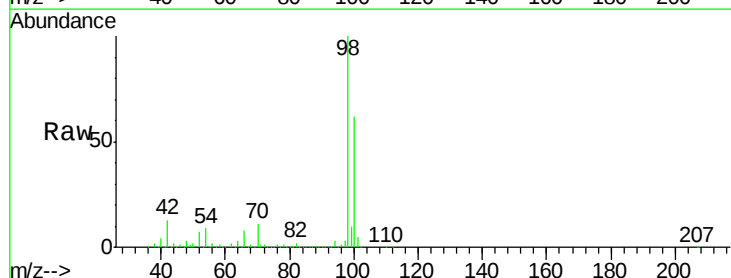
Acq: 14 Jul 2018 02:39

Tgt Ion: 98 Resp: 392048

Ion Ratio Lower Upper

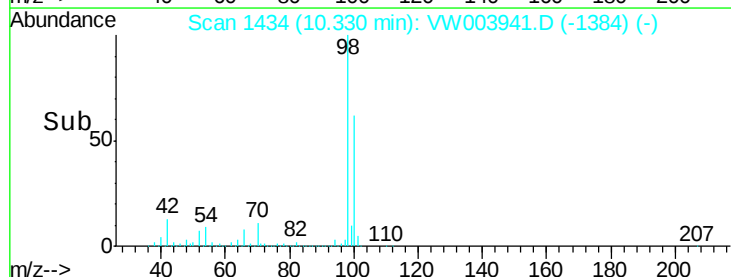
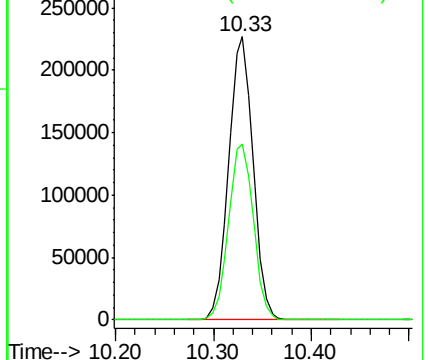
98 100

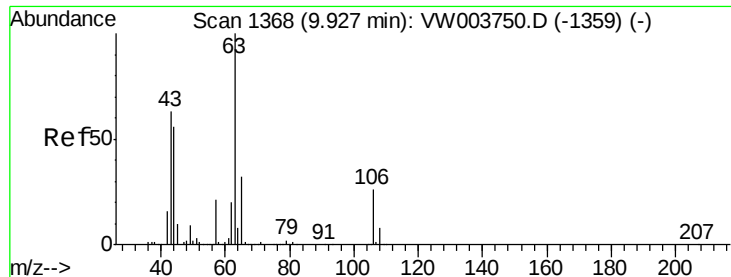
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

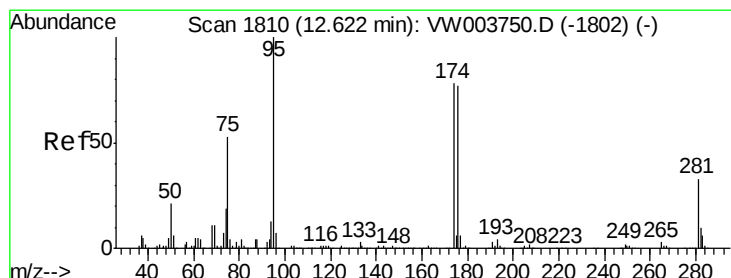
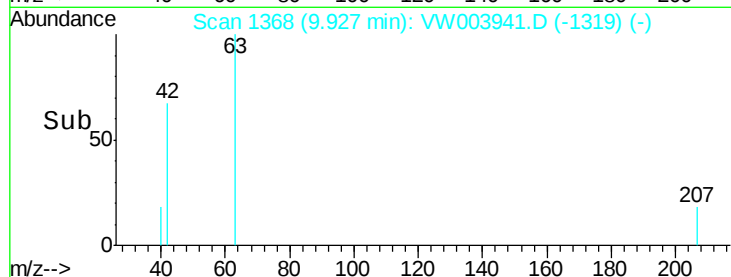
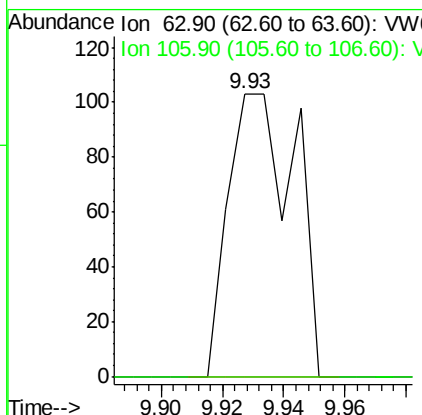
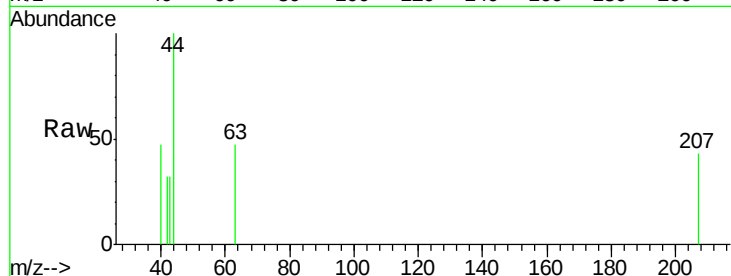




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.275 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

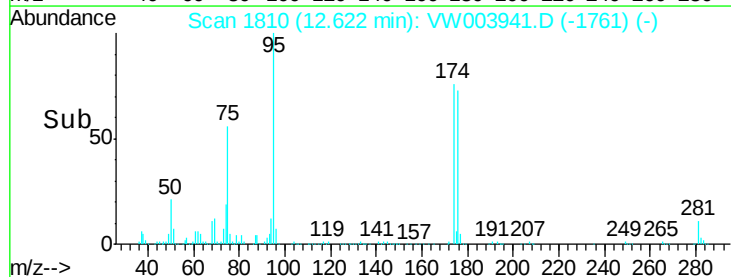
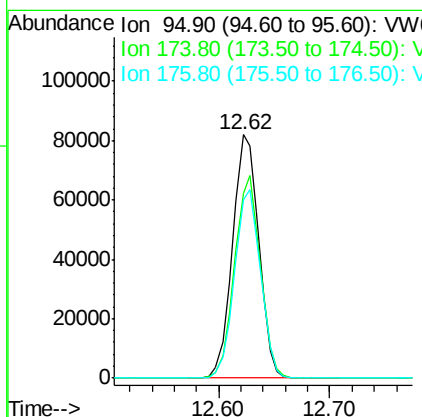
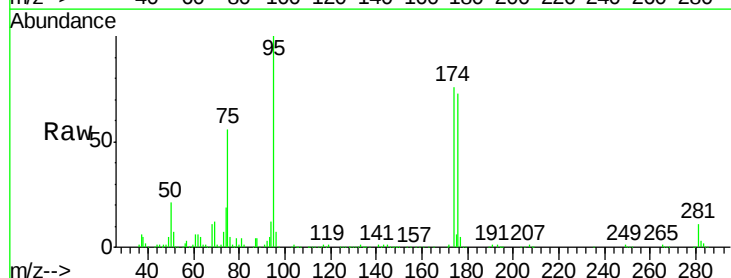
Instrument :
 MSVOA_W
 ClientSampleId :

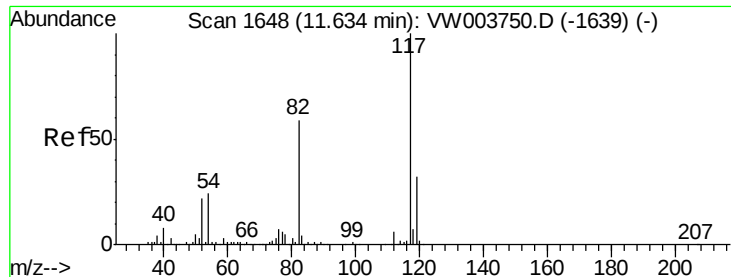
Tot Ion: 63 Resp: 154
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 37.529 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003941.D
 Acq: 14 Jul 2018 02:39

Tgt Ion: 95 Resp: 133382
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 163.4
 176 76.8 0.0 156.8

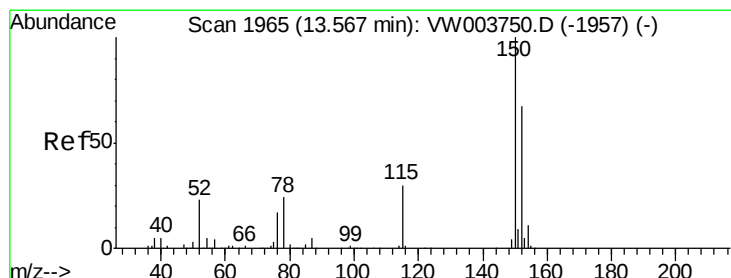
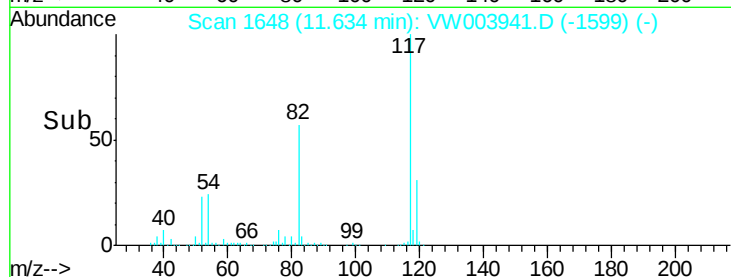
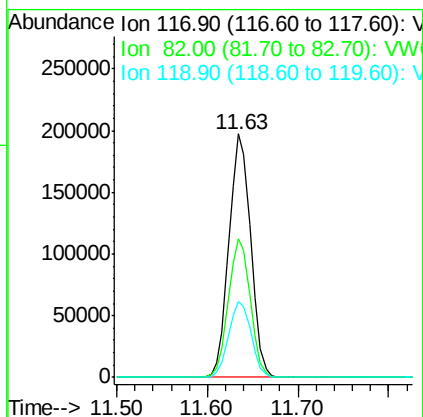
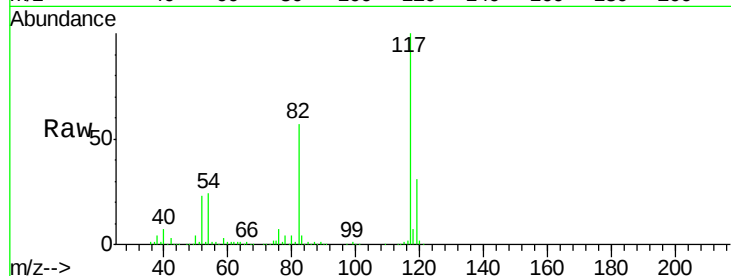




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

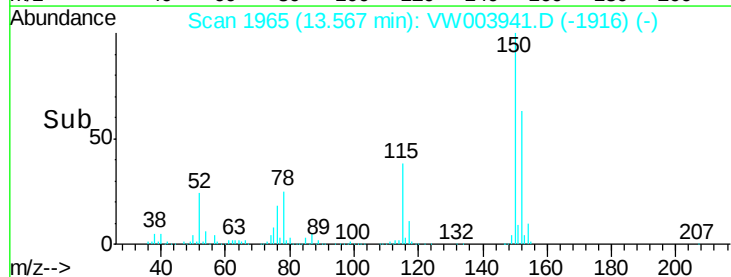
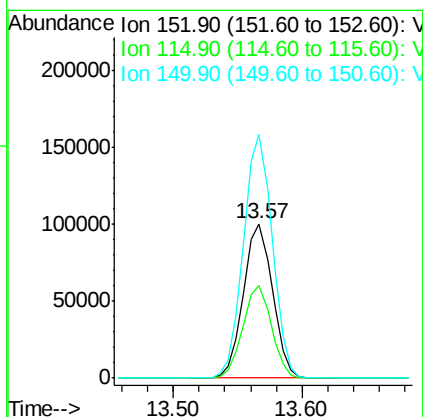
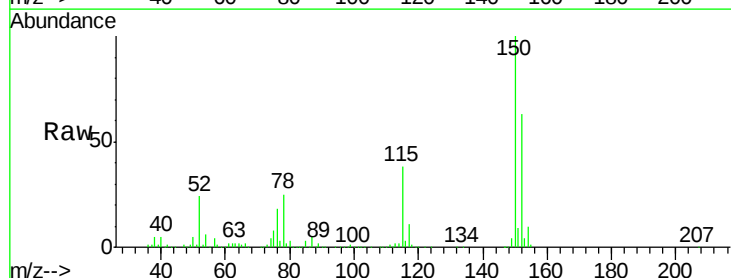
Instrument :
MSVOA_W
ClientSampled :

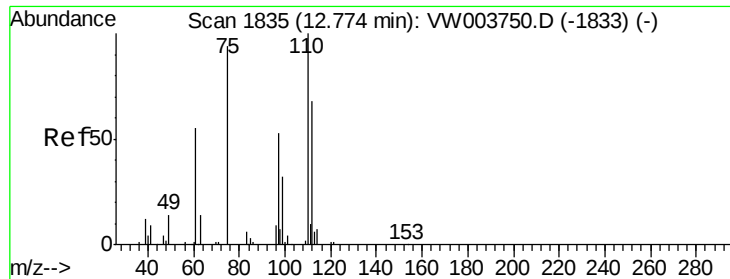
Tot Ion:117 Resp: 327666
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003941.D
Acq: 14 Jul 2018 02:39

Tgt Ion:152 Resp: 156026
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 156.8 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 47.299 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

Instrument :

MSVOA_W

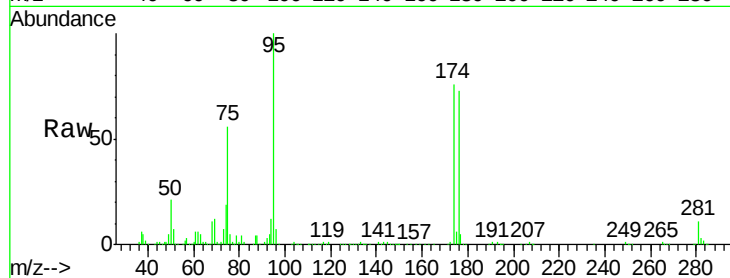
ClientSampled :

Tot Ion: 75 Resp: 72469

Ion Ratio Lower Upper

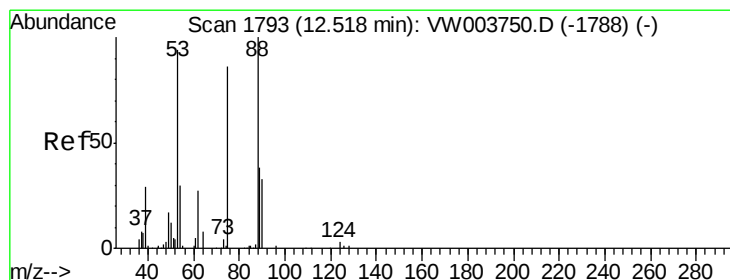
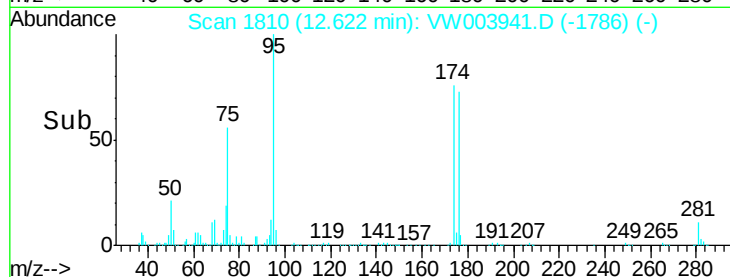
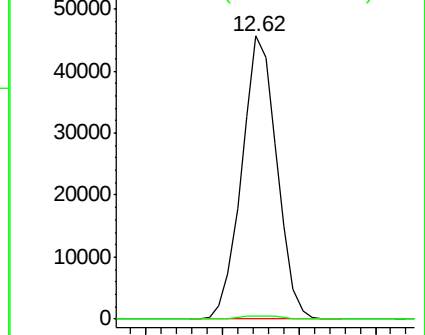
75 100

77 1.3 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: 115.704 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003941.D

Acq: 14 Jul 2018 02:39

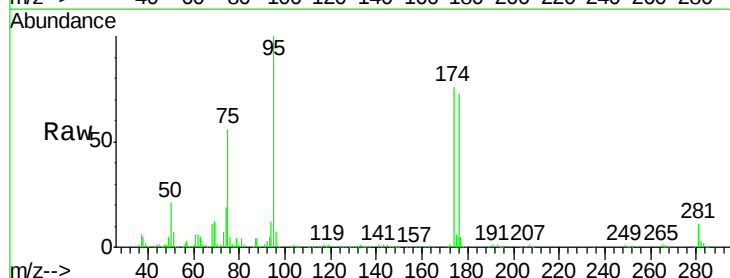
Tgt Ion: 75 Resp: 72469

Ion Ratio Lower Upper

75 100

53 0.2 85.0 127.6#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

