

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007672.D
 Acq On : 18 Dec 2018 21:12
 Operator : SY/AP
 Sample : J6362-03
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:21:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	53133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23435	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	44644	75.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	151.48%	
35) Dibromofluoromethane	7.88	113	30078	46.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.88%	
50) Toluene-d8	10.32	98	116653	48.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.62	95	32412	36.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.60%	

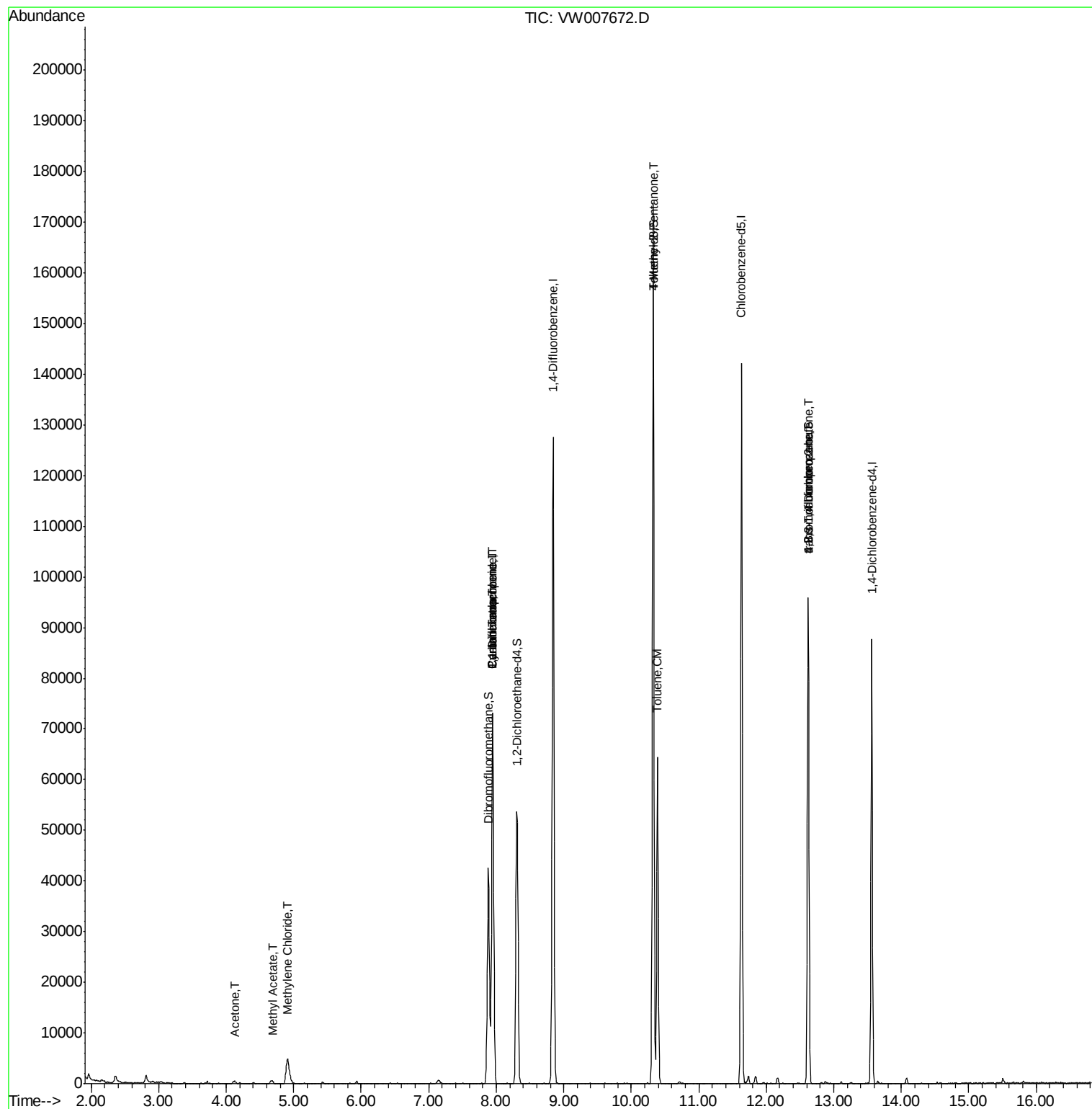
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	999	9.703	ug/l #	88
18) Methyl Acetate	4.68	43	1304	4.666	ug/l #	49
20) Methylene Chloride	4.91	84	4531	4.480	ug/l #	88
31) Cyclohexane	7.94	56	1179	1.287	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	4081	4.181	ug/l #	48
38) Carbon Tetrachloride	7.95	117	5745	5.409	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	407	1.201	ug/l #	1
52) Toluene	10.39	92	27122	15.472	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	16574	85.774	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	16574	189.476	ug/l #	7

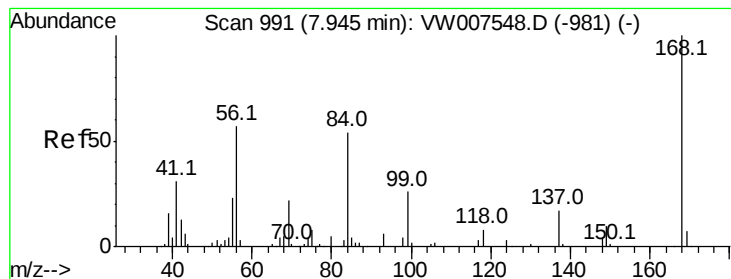
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

Instrument :

MSVOA_W

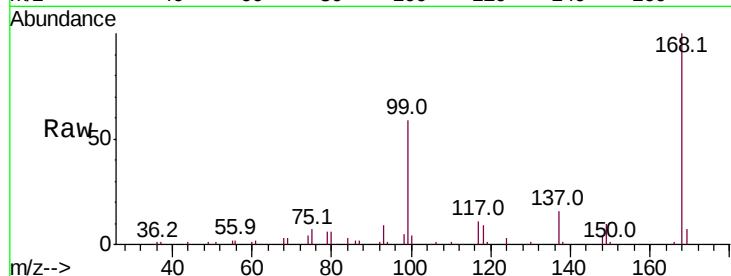
ClientSampled :

Tot Ion:168 Resp: 53133

Ion Ratio Lower Upper

168 100

99 59.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

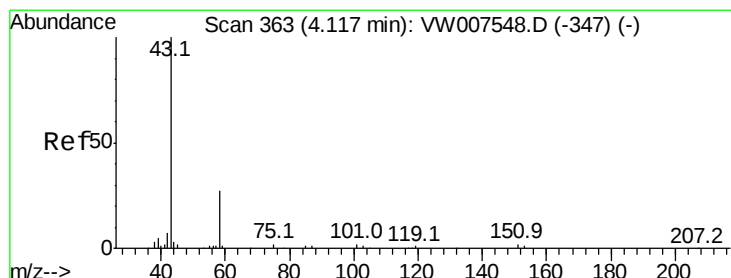
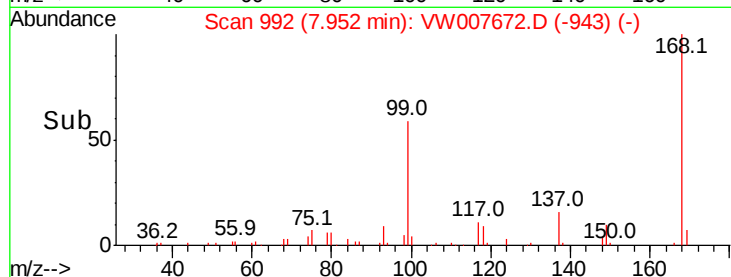
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 9.703 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007672.D

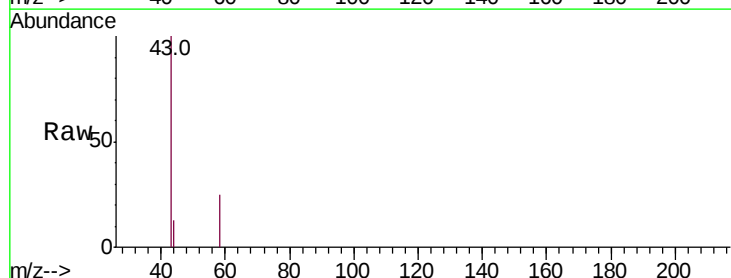
Acq: 18 Dec 2018 21:12

Tgt Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

58 24.6 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

300

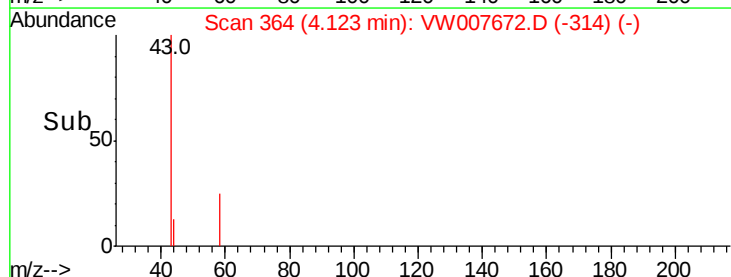
200

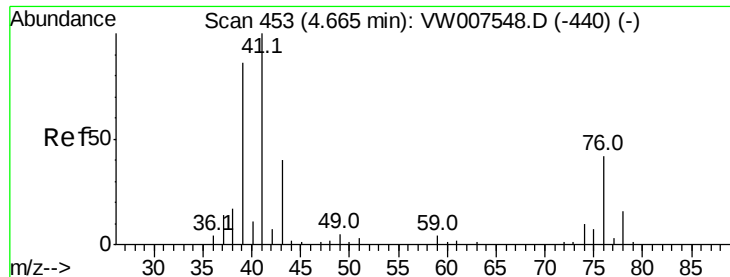
100

0

Time-->

4.05 4.10 4.15 4.20

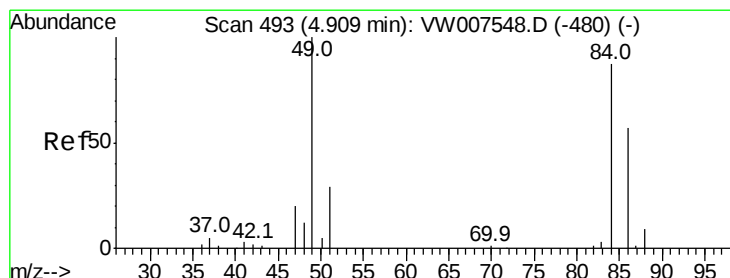
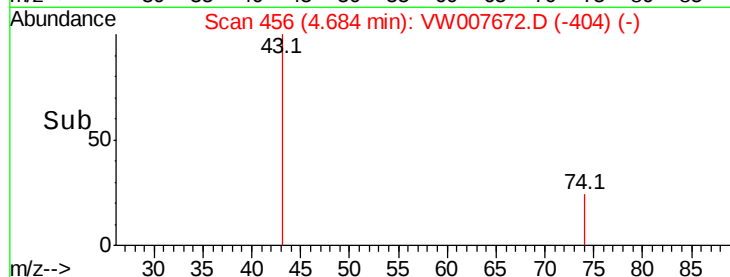
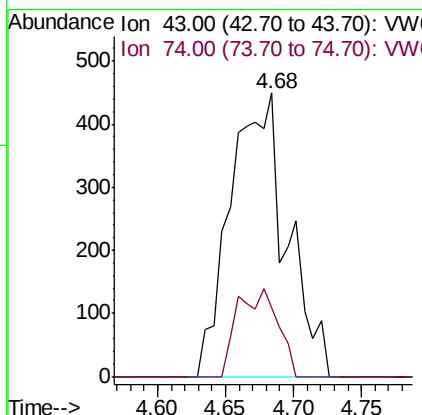
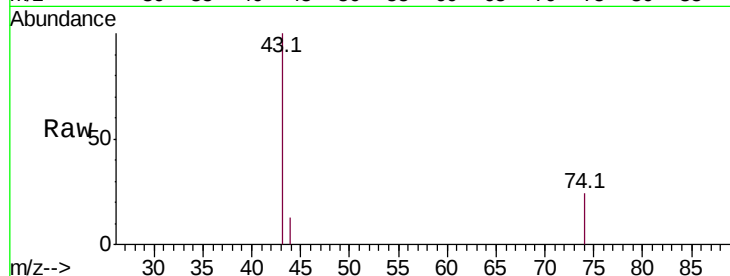




#18
Methyl Acetate
Concen: 4.666 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

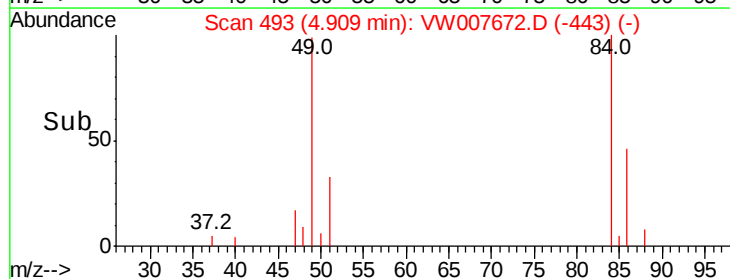
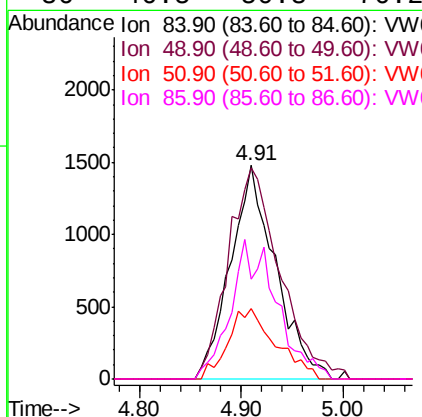
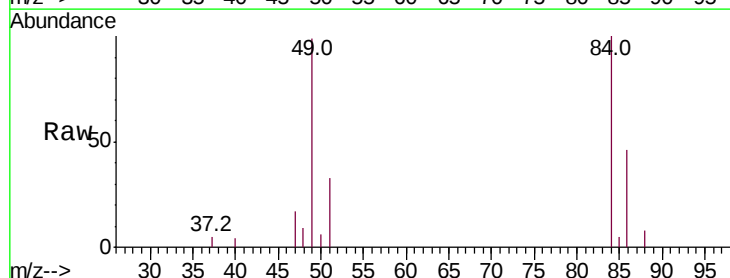
Instrument :
MSVOA_W
ClientSampled :

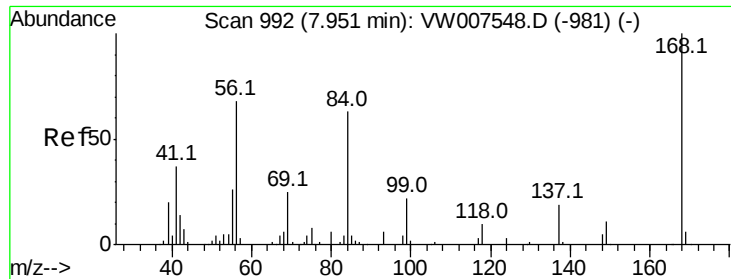
Tot Ion: 43 Resp: 1304
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 4.480 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

Tgt Ion: 84 Resp: 4531
Ion Ratio Lower Upper
84 100
49 98.6 87.1 130.7
51 33.2 28.2 42.2
86 46.5 50.8 76.2#

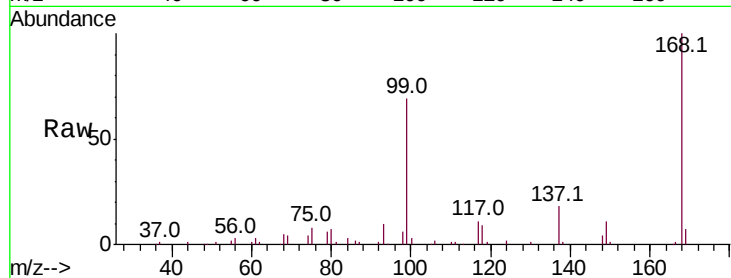




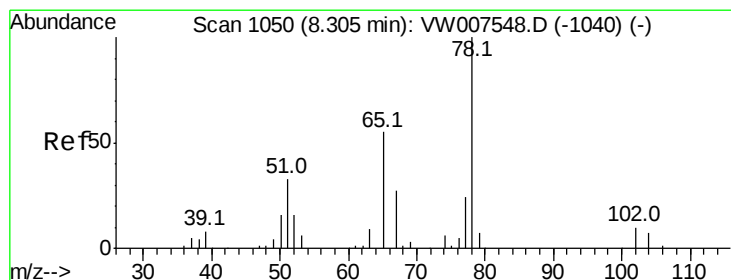
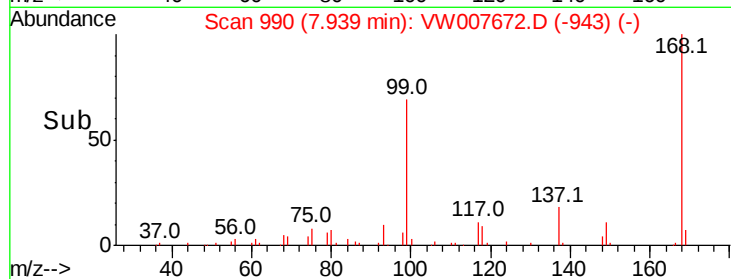
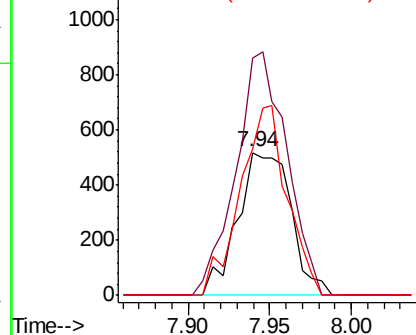
#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1179
Ion Ratio Lower Upper
56 100
69 165.5 28.9 43.3#
84 102.5 71.8 107.6

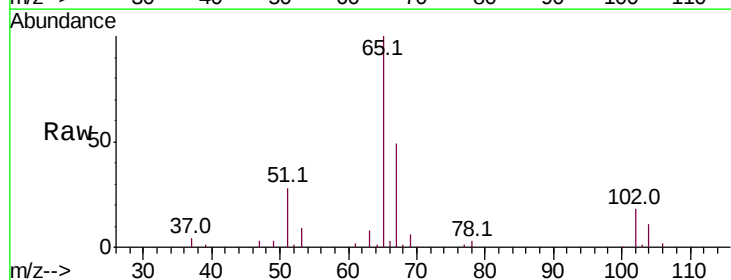


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

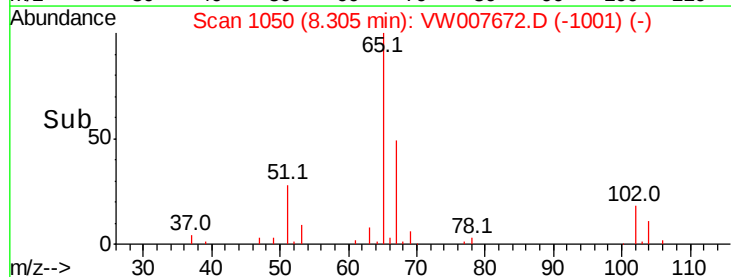
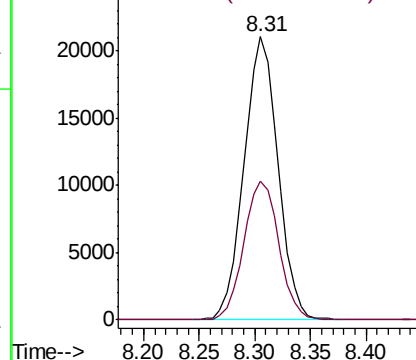


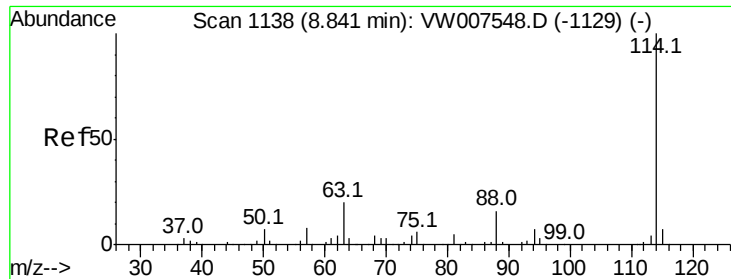
#33
1,2-Dichloroethane-d4
Concen: 75.736 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

Tgt Ion: 65 Resp: 44644
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6



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

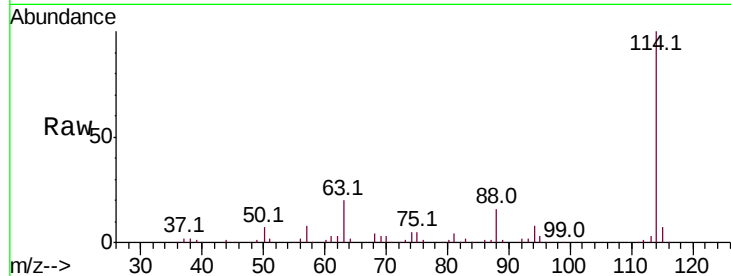




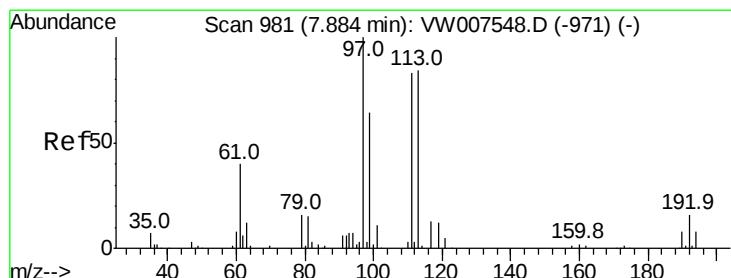
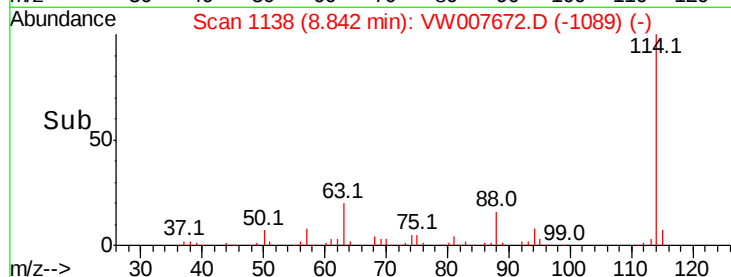
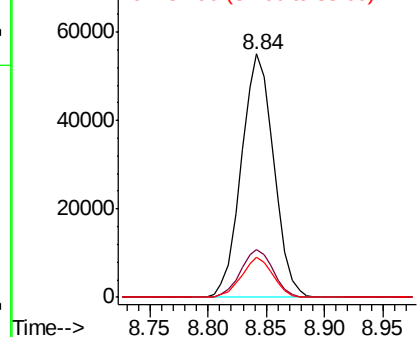
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007672.D
 Acq: 18 Dec 2018 21:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.5	0.0	31.4

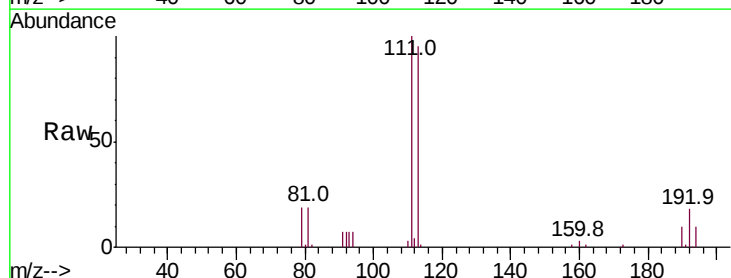


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

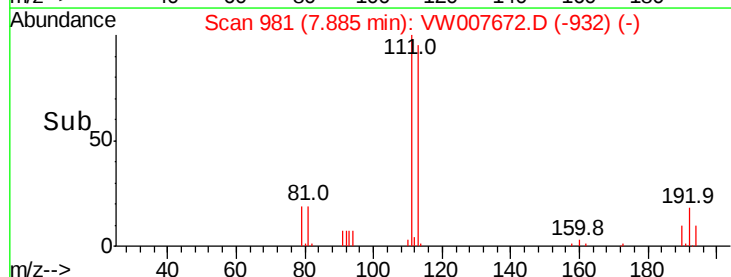
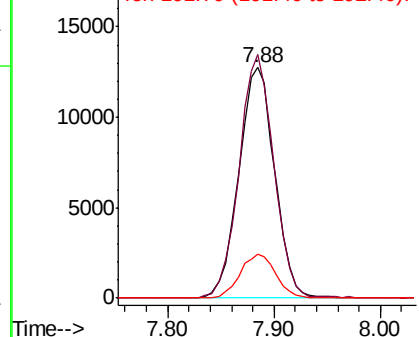


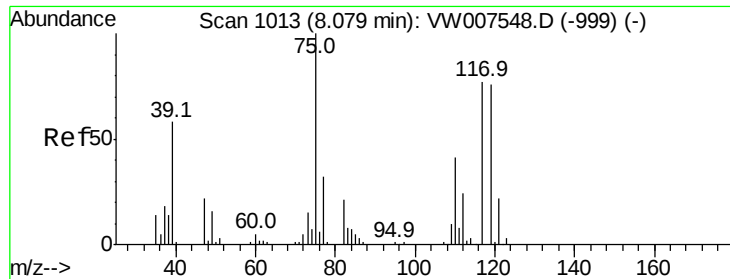
#35
 Dibromofluoromethane
 Concen: 46.437 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007672.D
 Acq: 18 Dec 2018 21:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	18.8	14.6	21.8



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

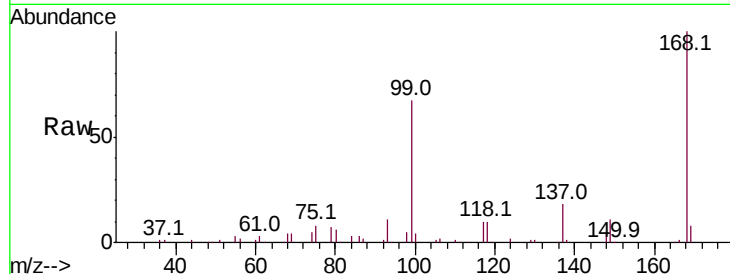




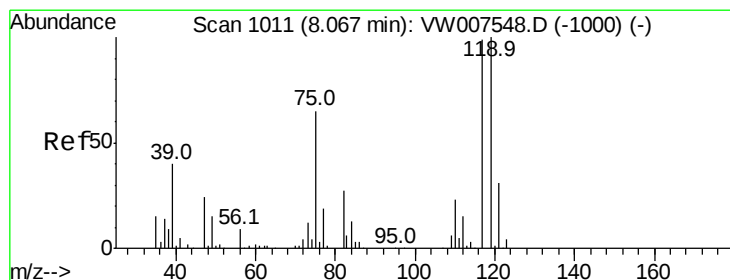
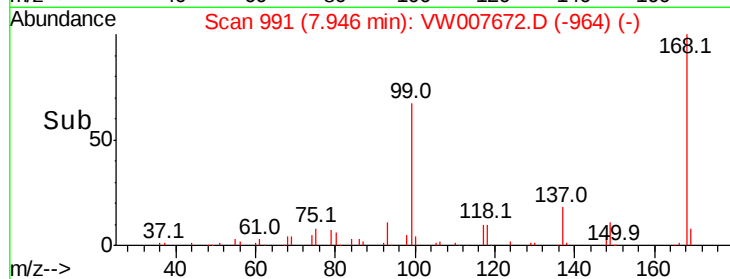
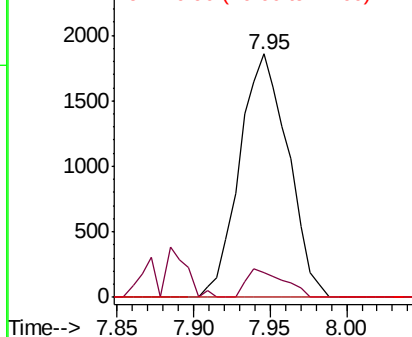
#36
 1,1-Dichloropropene
 Concen: 4.181 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007672.D
 Acq: 18 Dec 2018 21:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4081
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.5 55.5#
 77 0.0 25.6 38.4#

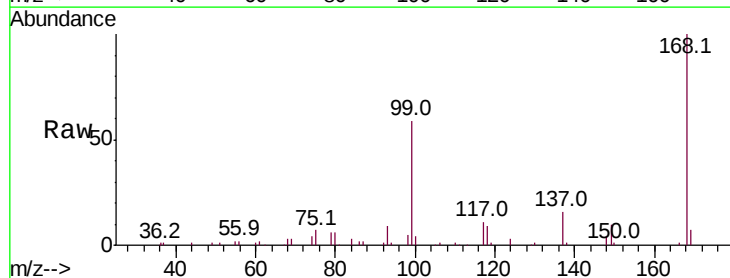


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

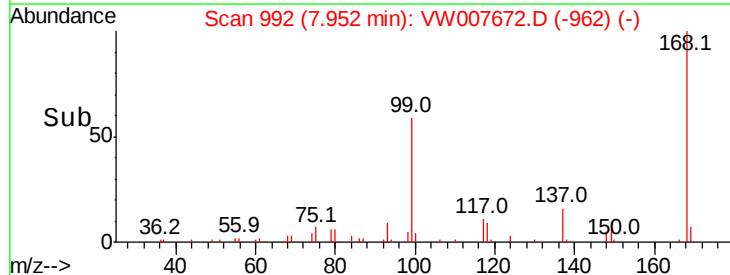
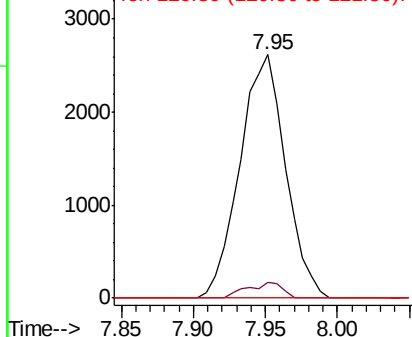


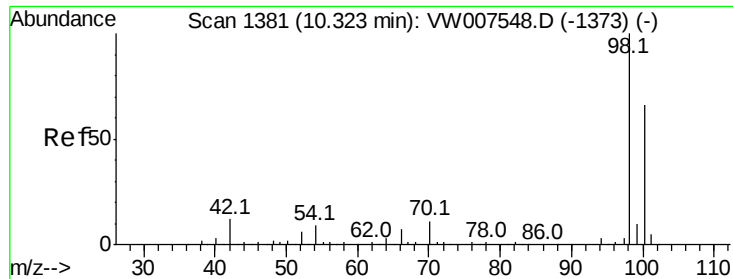
#38
 Carbon Tetrachloride
 Concen: 5.409 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007672.D
 Acq: 18 Dec 2018 21:12

Tgt Ion: 117 Resp: 5745
 Ion Ratio Lower Upper
 117 100
 119 6.3 74.3 111.5#
 121 0.0 24.3 36.5#



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: 48.033 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

Instrument :

MSVOA_W

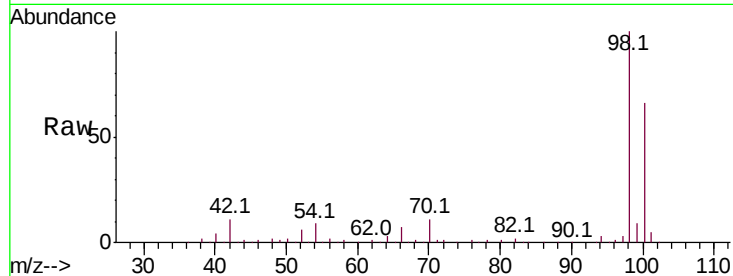
ClientSampleId :

Tot Ion: 98 Resp: 116653

Ion Ratio Lower Upper

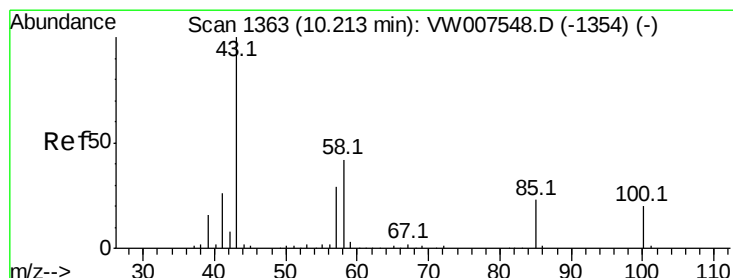
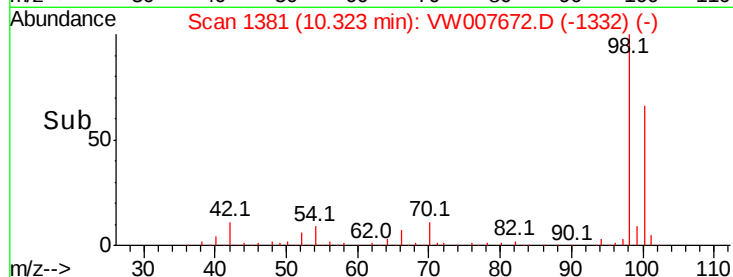
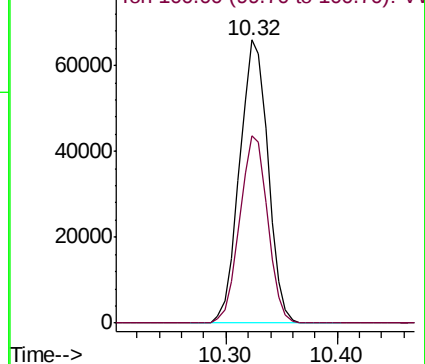
98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.201 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007672.D

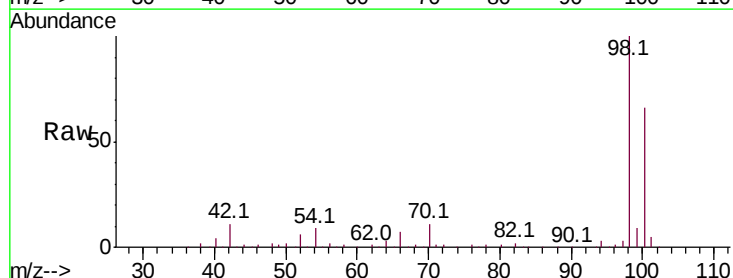
Acq: 18 Dec 2018 21:12

Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

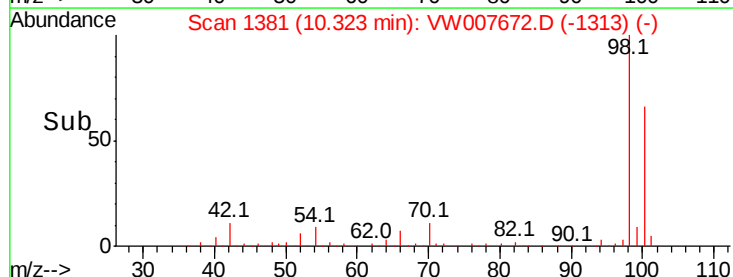
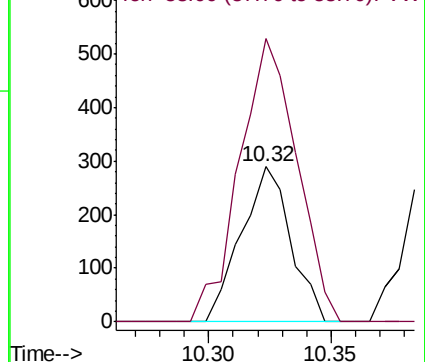
43 100

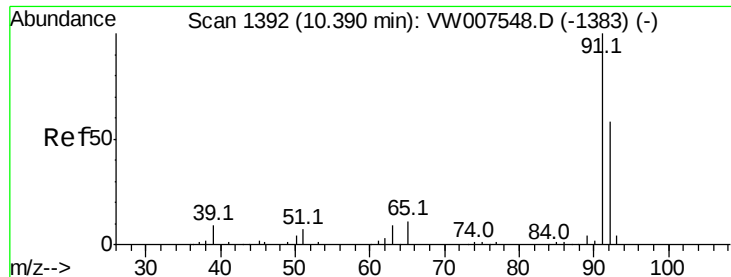
58 211.3 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 15.472 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

Instrument :

MSVOA_W

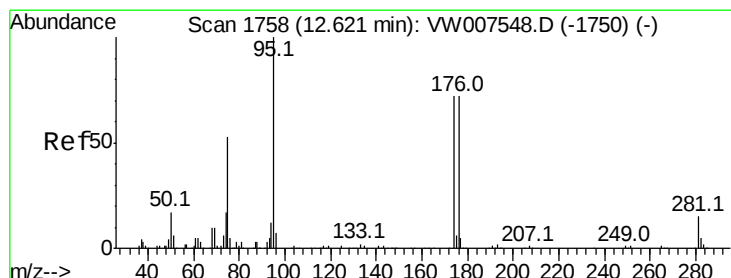
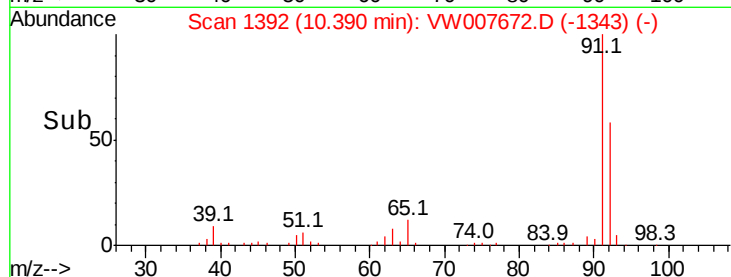
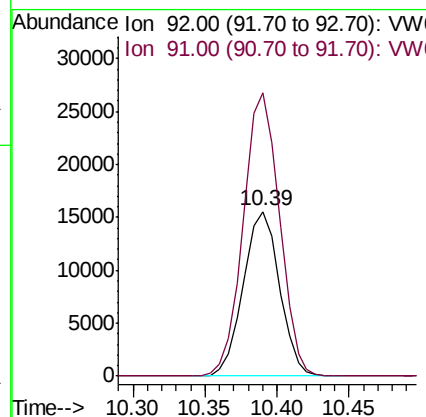
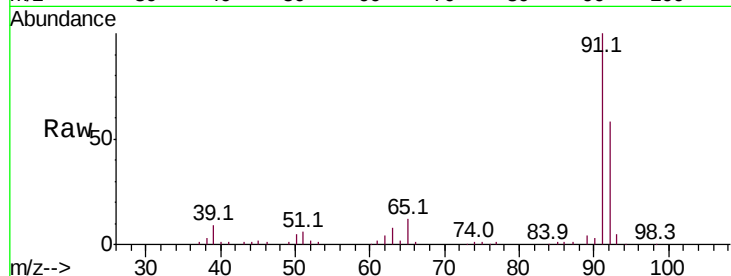
ClientSampleId :

Tot Ion: 92 Resp: 27122

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 36.299 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

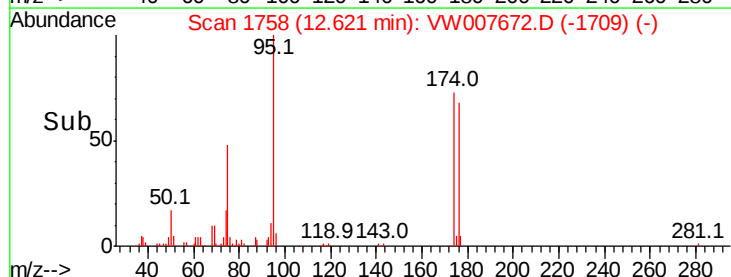
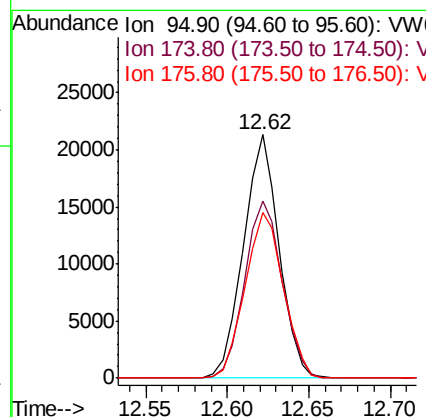
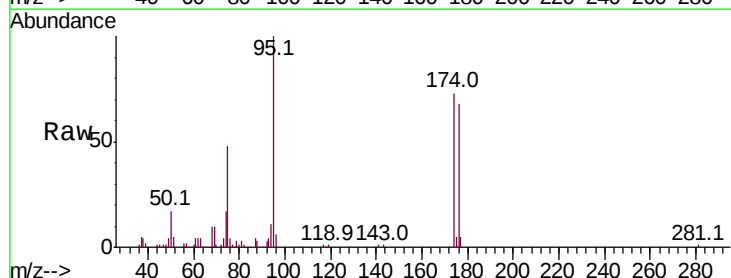
Tgt Ion: 95 Resp: 32412

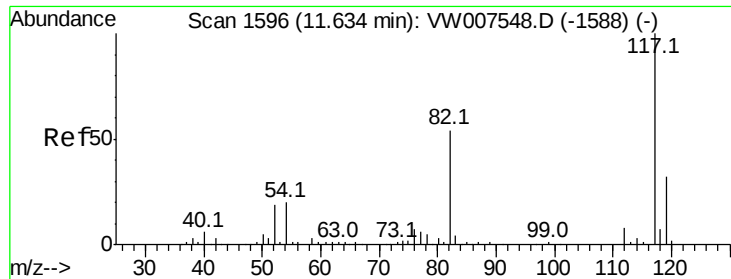
Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

176 73.3 0.0 138.8

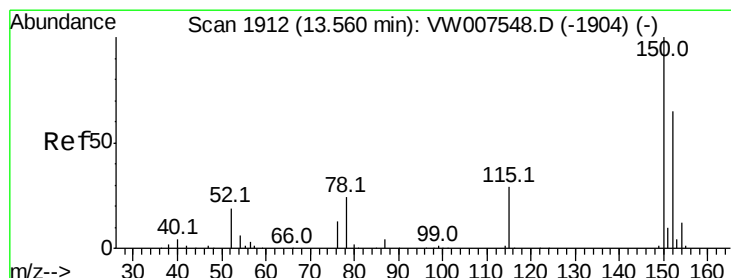
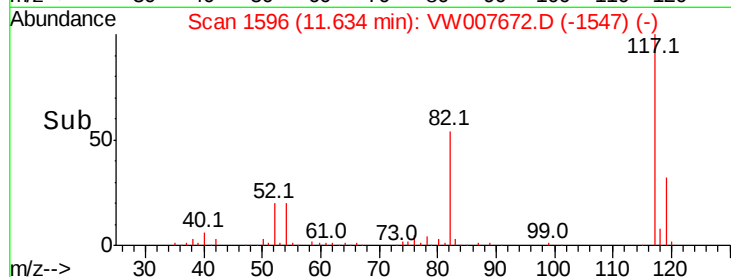
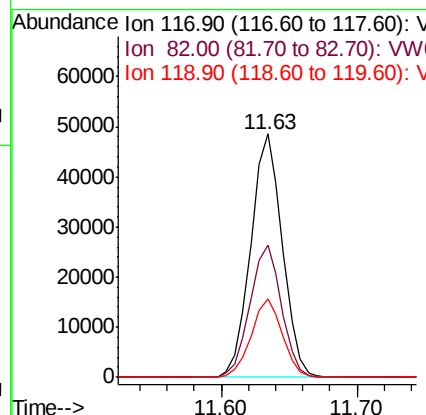
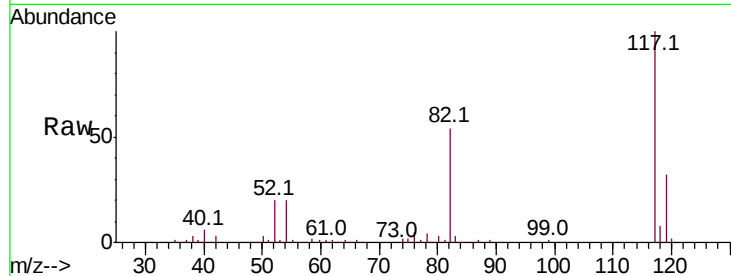




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

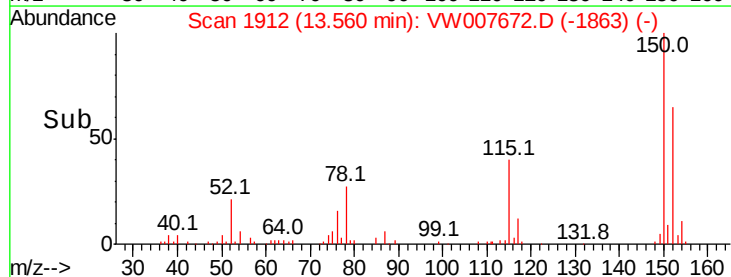
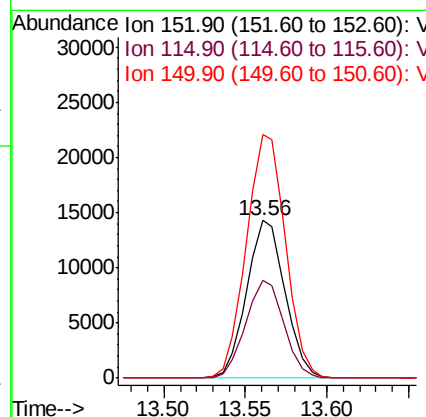
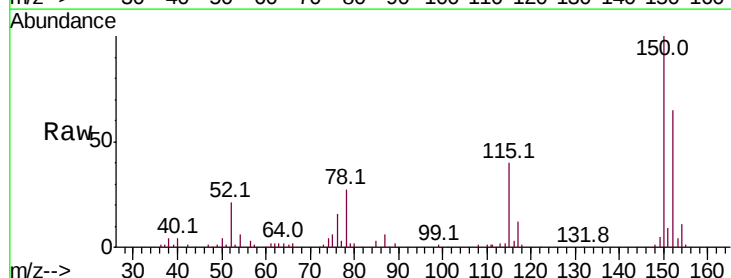
Instrument :
MSVOA_W
ClientSampleId :

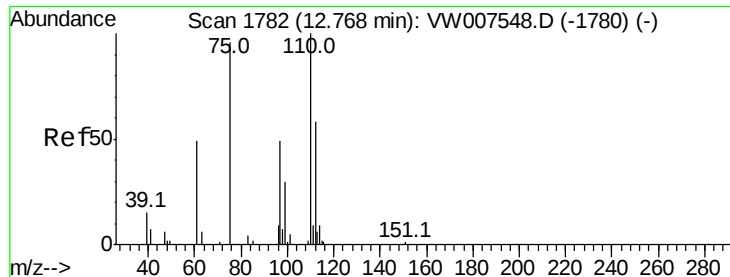
Tot Ion:117 Resp: 79107
Ion Ratio Lower Upper
117 100
82 54.1 42.3 63.5
119 32.3 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007672.D
Acq: 18 Dec 2018 21:12

Tgt Ion:152 Resp: 23435
Ion Ratio Lower Upper
152 100
115 61.3 31.4 94.2
150 157.1 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 85.774 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

Instrument :

MSVOA_W

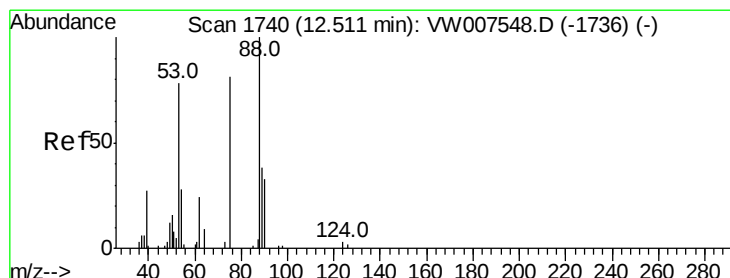
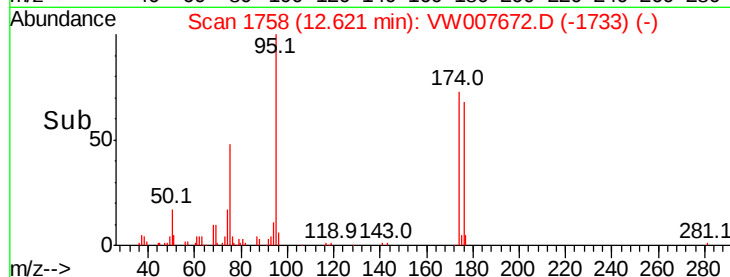
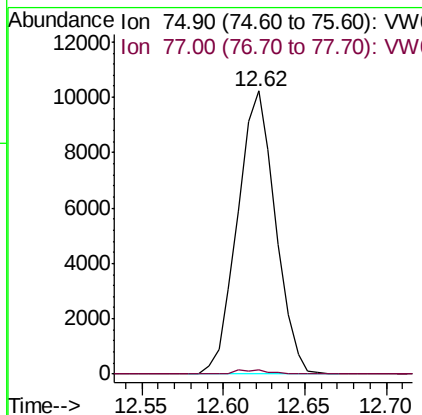
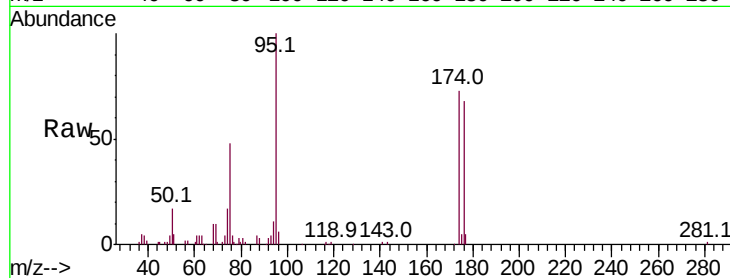
ClientSampled :

Tot Ion: 75 Resp: 16574

Ion Ratio Lower Upper

75 100

77 1.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 189.476 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007672.D

Acq: 18 Dec 2018 21:12

Tgt Ion: 75 Resp: 16574

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

