

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007893.D
 Acq On : 24 Dec 2018 17:09
 Operator : SY/AP
 Sample : J6446-13
 Misc : 3.77G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:04:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	46308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	78401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19382	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	29167	57.47	ug/l	0.00
Spiked Amount	50.000			Recovery	=	114.94%	
35) Dibromofluoromethane		7.88	113	24253	50.71	ug/l	0.00
Spiked Amount	50.000			Recovery	=	101.42%	
50) Toluene-d8		10.32	98	74216	41.16	ug/l	0.00
Spiked Amount	50.000			Recovery	=	82.32%	
62) 4-Bromofluorobenzene		12.62	95	22133	31.77	ug/l	0.00
Spiked Amount	50.000			Recovery	=	63.54%	

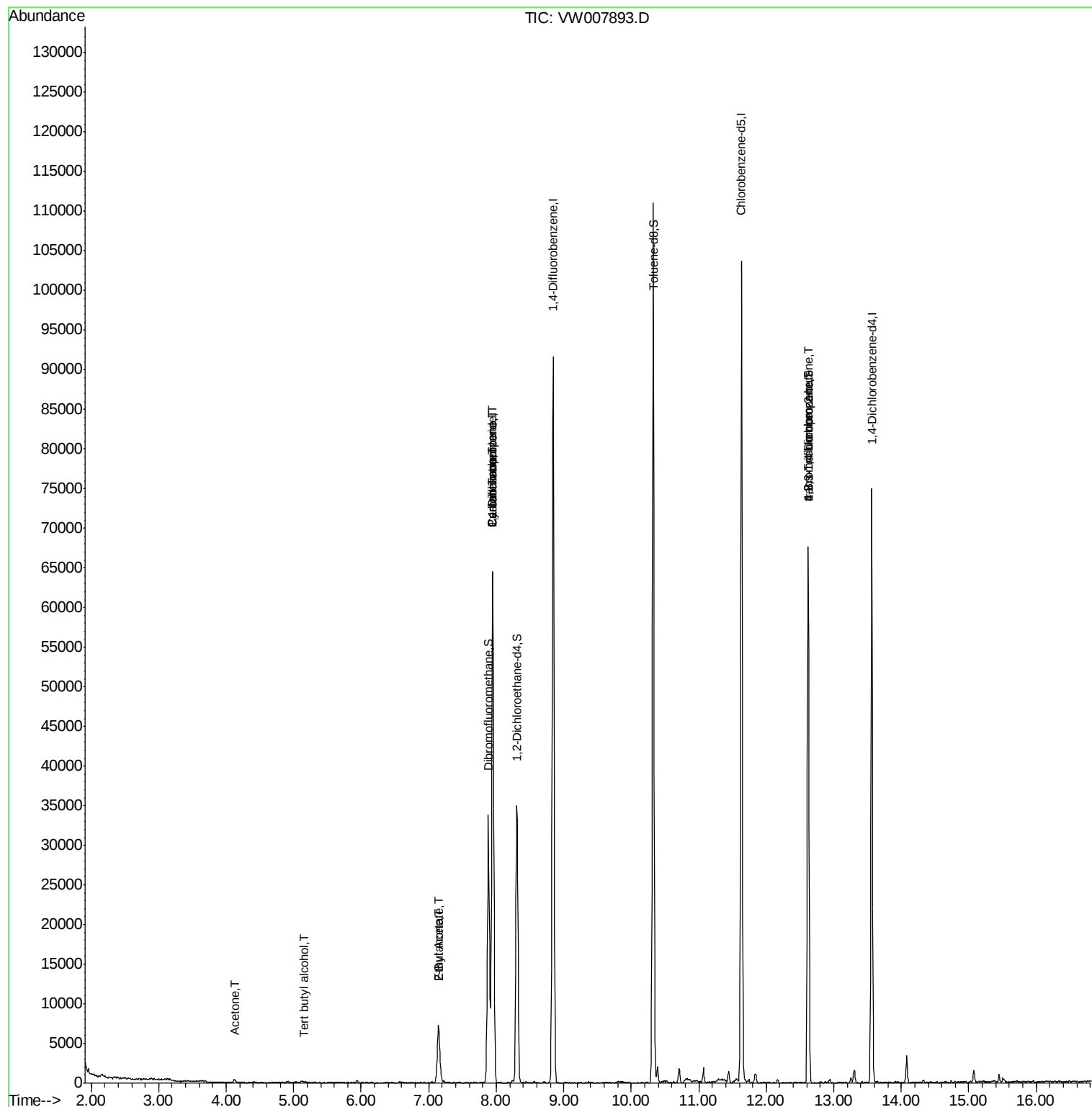
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	221	6.455	ug/l #	73
16) Acetone	4.13	43	666	7.007	ug/l #	53
20) Methylene Chloride	4.92	84	83	Below Cal	#	51
25) 2-Butanone	7.14	43	355	3.189	ug/l #	44
31) Cyclohexane	7.95	56	1108	1.466	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	3594	4.750	ug/l #	48
37) Ethyl Acetate	7.14	43	355	1.359	ug/l #	1
38) Carbon Tetrachloride	7.95	117	4883	5.479	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	11620	77.568	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	11620	162.820	ug/l #	9

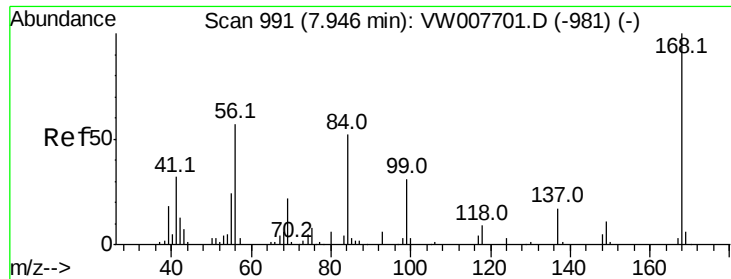
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
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Quant Time: Dec 25 02:04:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

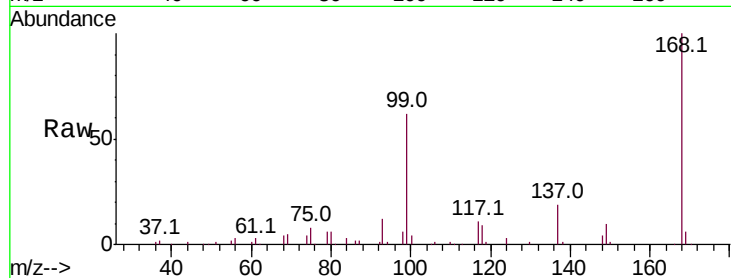
ClientSampleId :

Tot Ion:168 Resp: 46308

Ion Ratio Lower Upper

168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

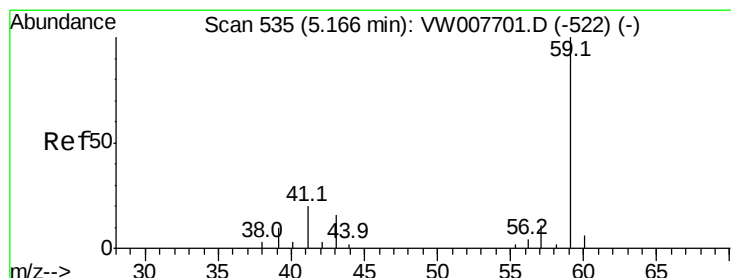
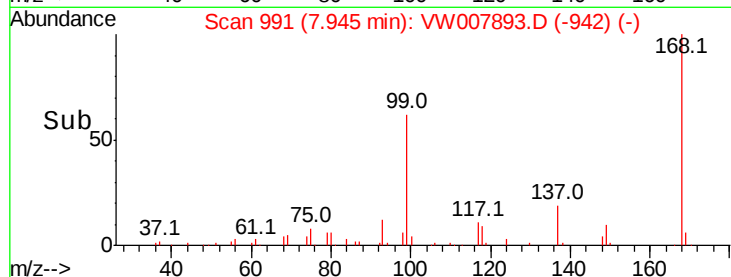
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 6.455 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007893.D

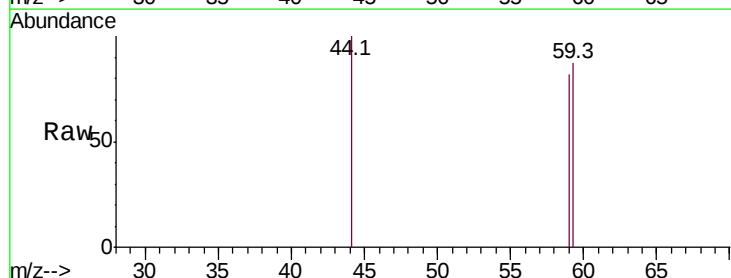
Acq: 24 Dec 2018 17:09

Tgt Ion: 59 Resp: 221

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

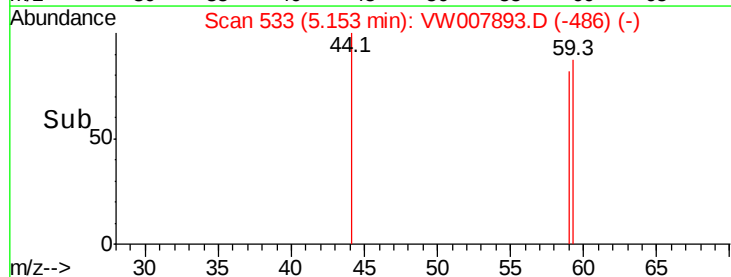
100

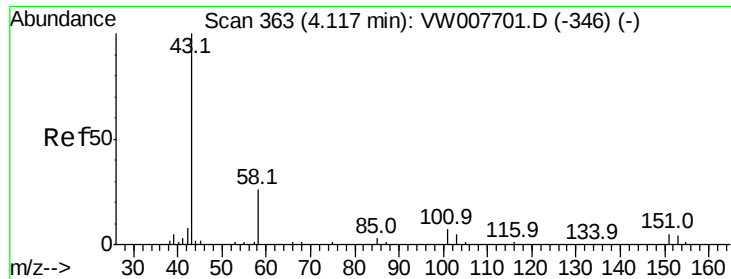
50

0

5.10 5.15 5.20

Time-->





#16

Acetone

Concen: 7.007 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

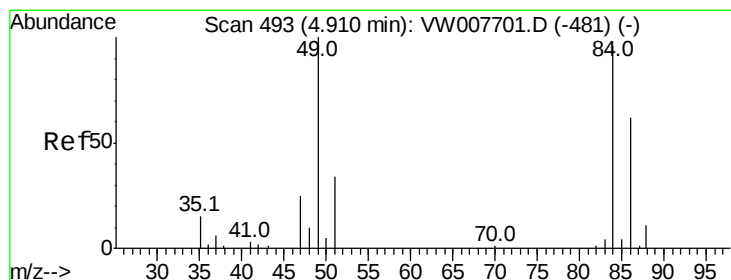
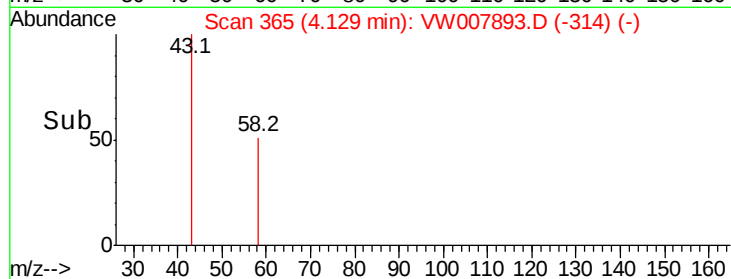
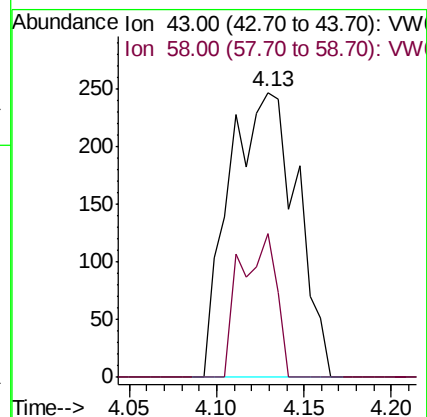
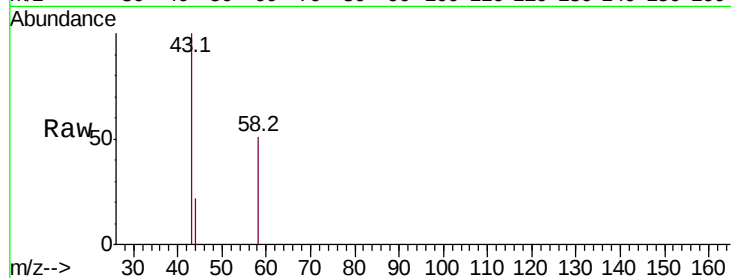
ClientSampled :

Tot Ion: 43 Resp: 666

Ion Ratio Lower Upper

43 100

58 50.6 21.2 31.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Tgt Ion: 84 Resp: 83

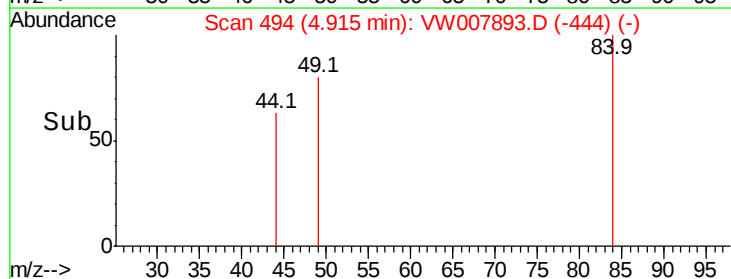
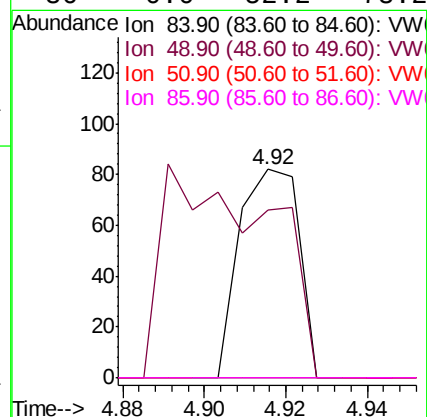
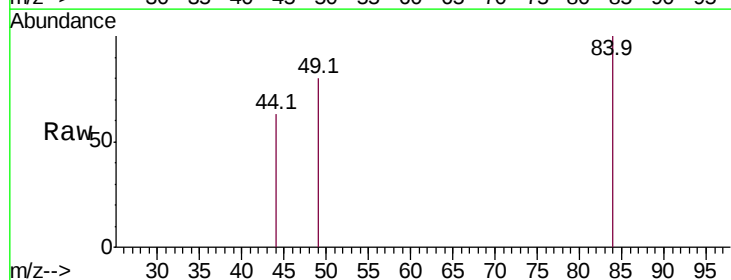
Ion Ratio Lower Upper

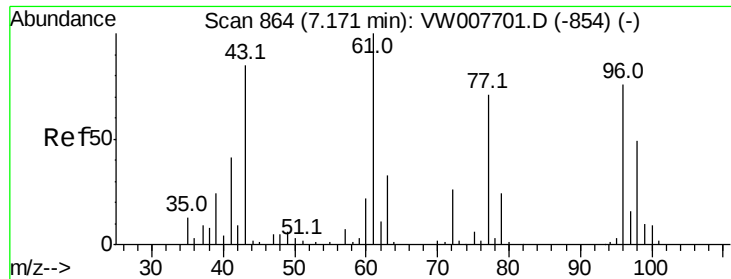
84 100

49 80.5 83.7 125.5#

51 0.0 28.2 42.2#

86 0.0 52.2 78.2#





#25

2-Butanone

Concen: 3.189 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

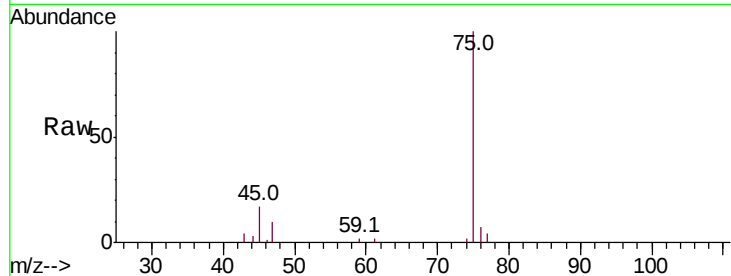
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 355

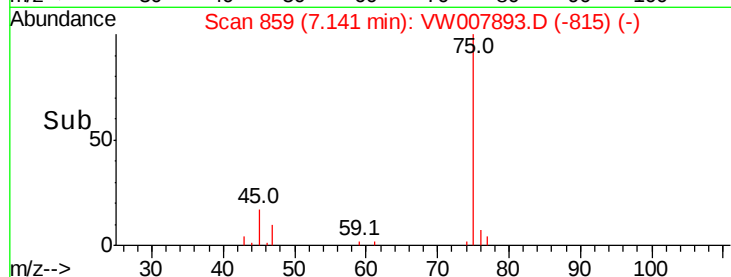
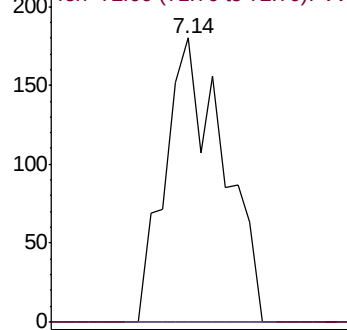
Ion Ratio Lower Upper

43 100

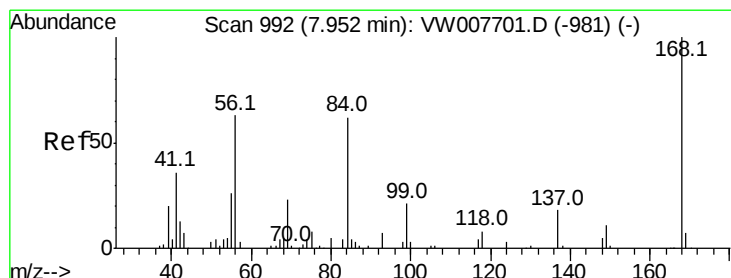
72 0.0 24.5 36.7#



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



Time-->



#31

Cyclohexane

Concen: 1.466 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

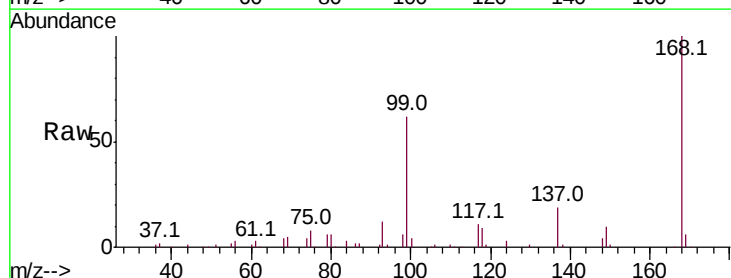
Tgt Ion: 56 Resp: 1108

Ion Ratio Lower Upper

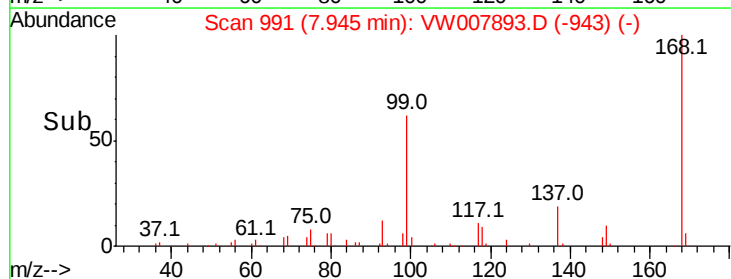
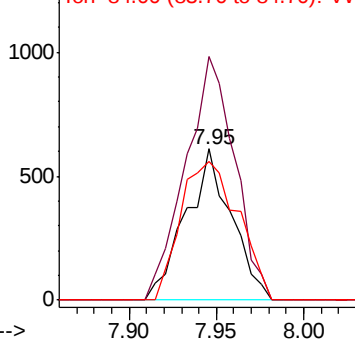
56 100

69 161.2 29.7 44.5#

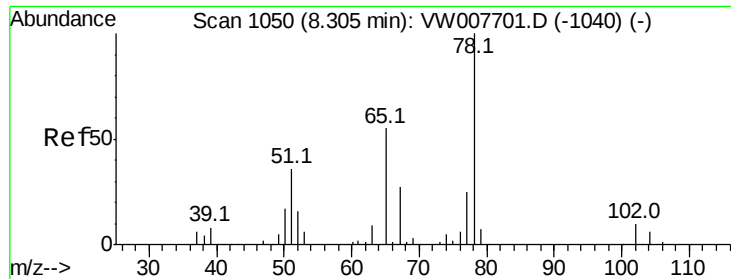
84 92.1 78.9 118.3



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



Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.466 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

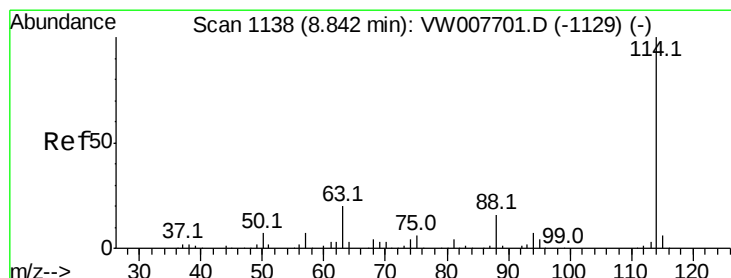
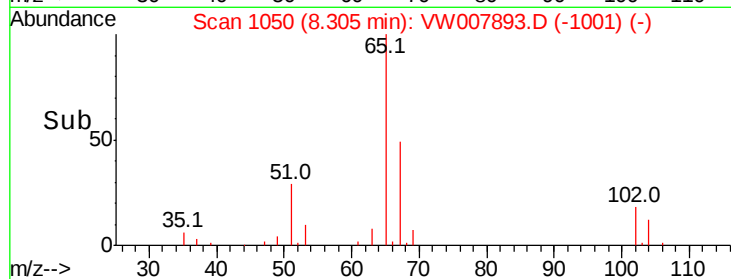
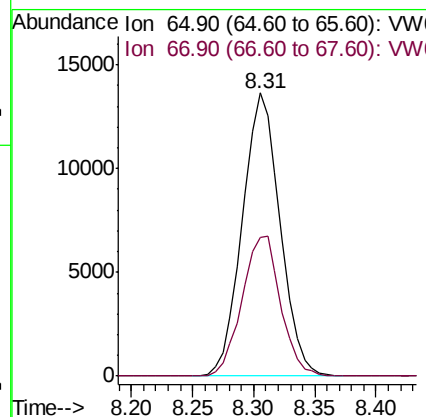
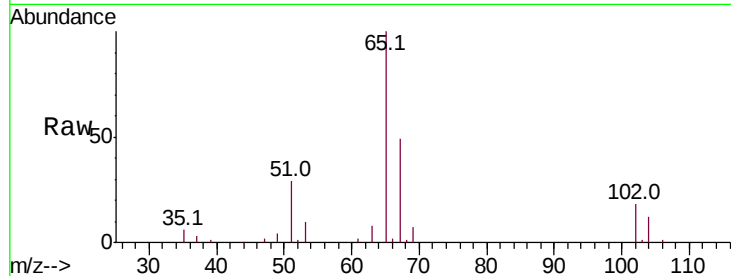
ClientSampleId :

Tot Ion: 65 Resp: 29167

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

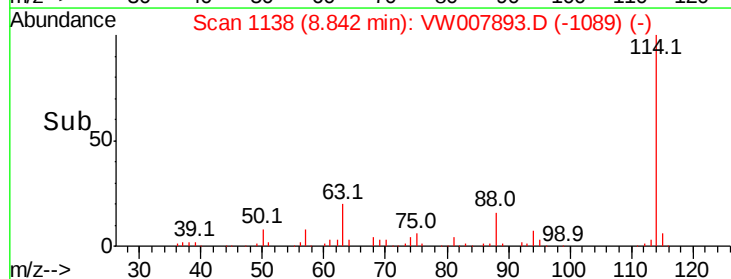
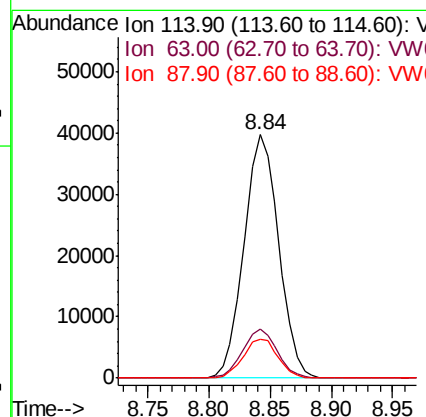
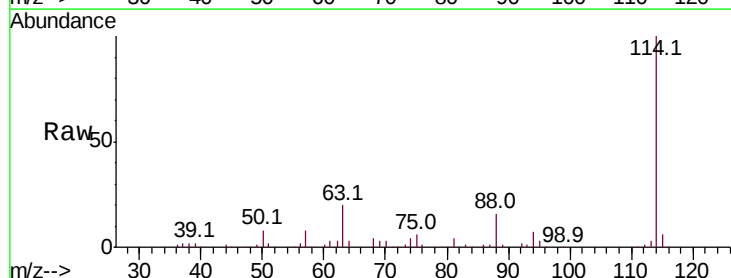
Tgt Ion: 114 Resp: 78401

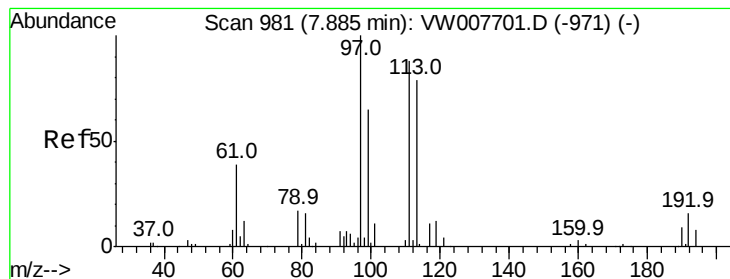
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.708 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

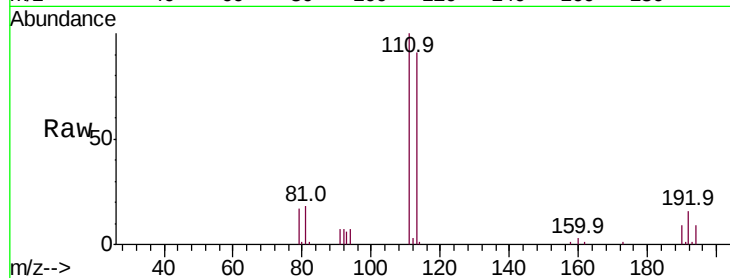
Tot Ion:113 Resp: 24253

Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

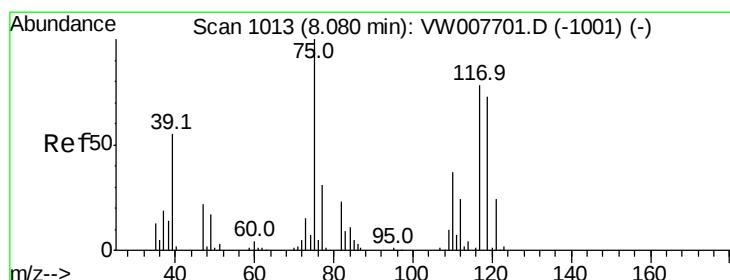
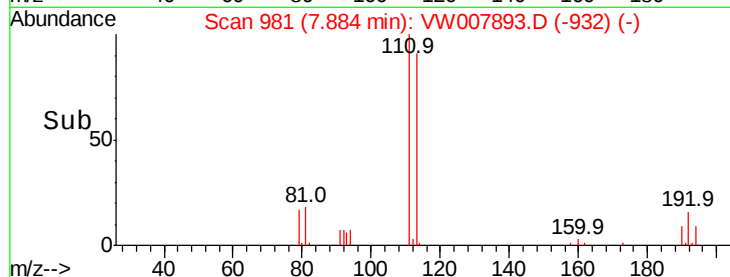
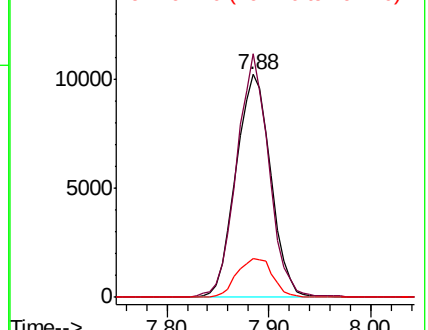
192 17.9 15.5 23.3



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: 4.750 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

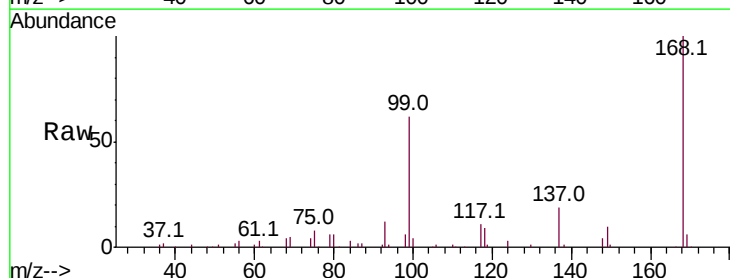
Tgt Ion: 75 Resp: 3594

Ion Ratio Lower Upper

75 100

110 8.1 18.6 55.8#

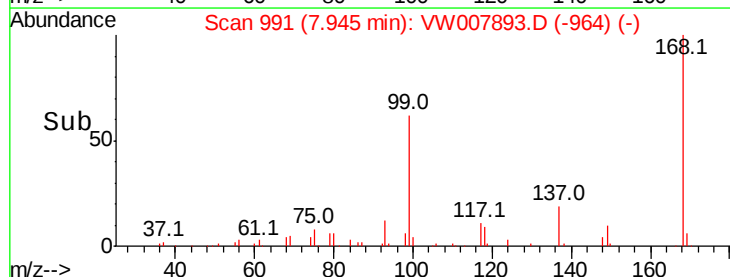
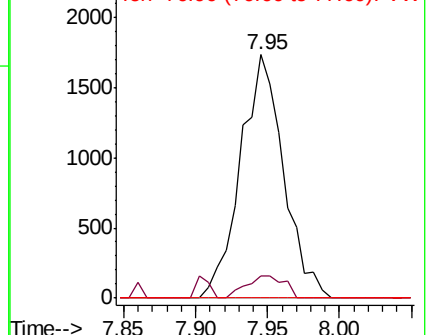
77 0.0 25.0 37.4#

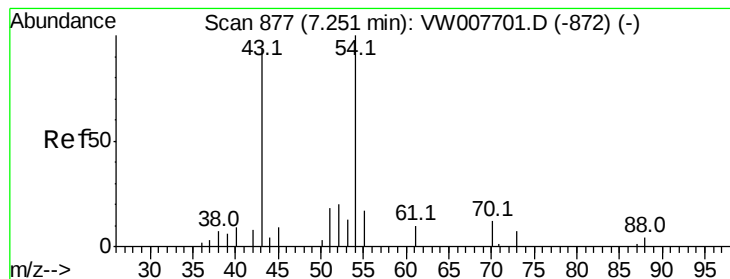


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.359 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.11 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

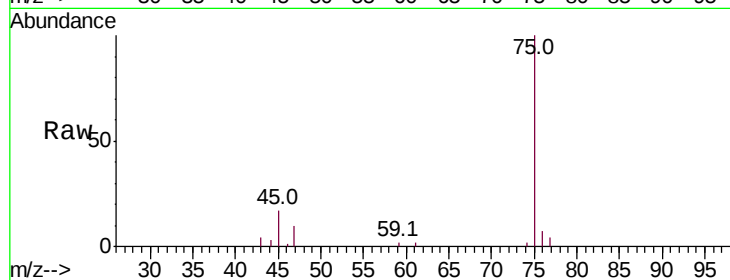
Instrument :

MSVOA_W

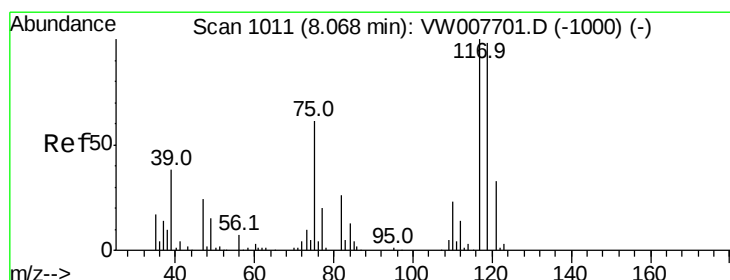
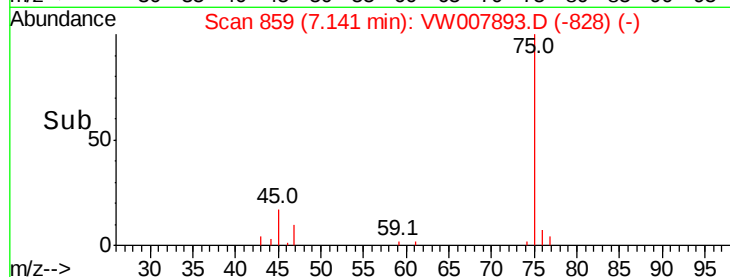
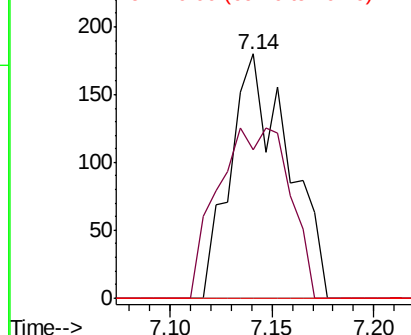
ClientSampled :

Tot Ion: 43 Resp: 355

Ion	Ratio	Lower	Upper
43	100		
61	86.5	11.2	16.8#
70	0.0	9.3	13.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.479 ug/l

RT: 7.95 min Scan# 991

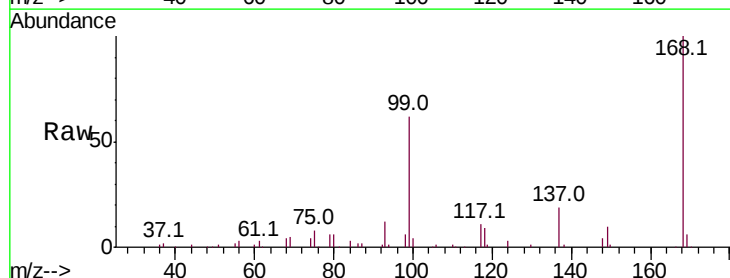
Delta R.T. -0.12 min

Lab File: VW007893.D

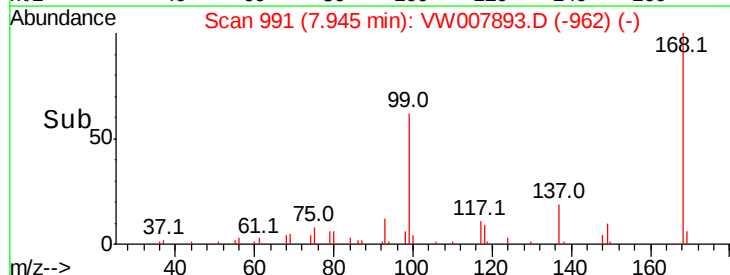
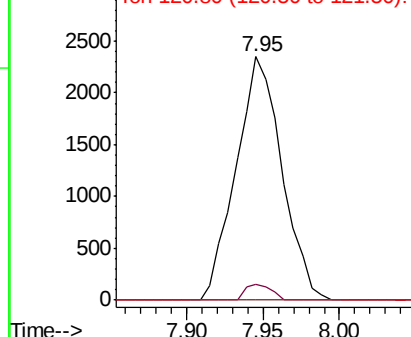
Acq: 24 Dec 2018 17:09

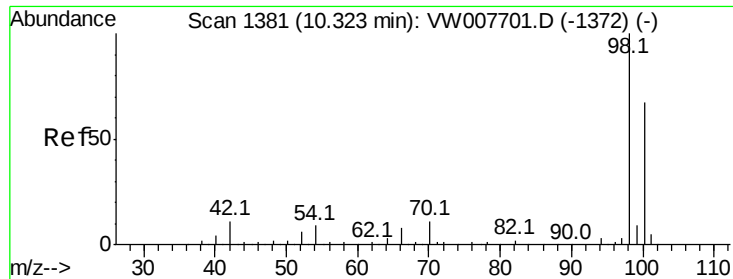
Tgt Ion: 117 Resp: 4883

Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.2	117.2#
121	0.0	26.1	39.1#



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: 41.161 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

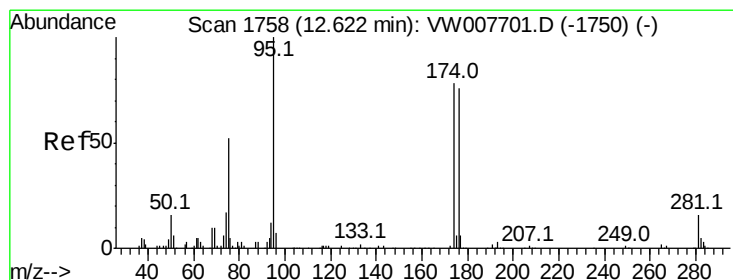
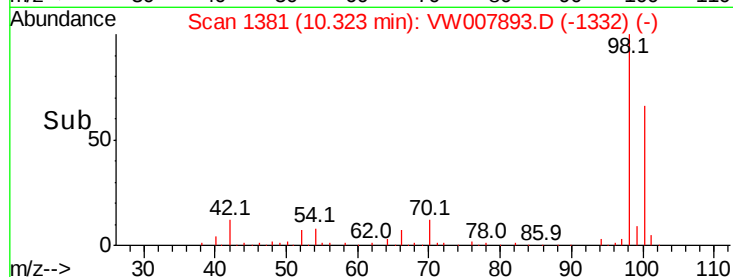
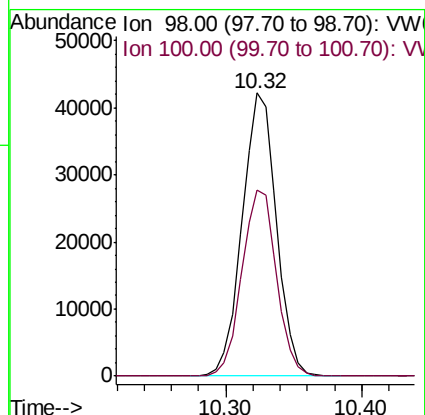
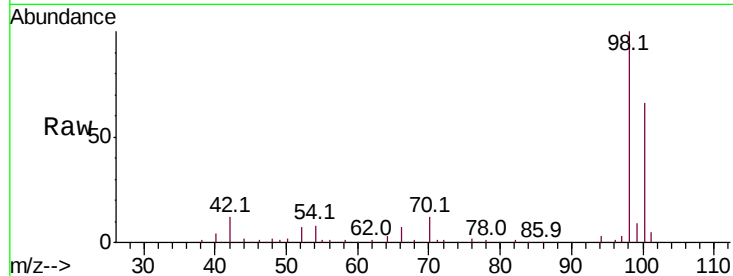
ClientSampleId :

Tot Ion: 98 Resp: 74216

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 31.774 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

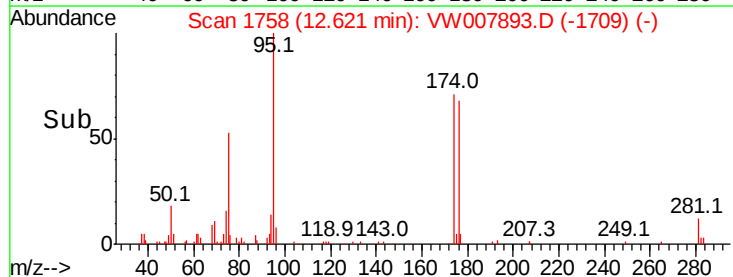
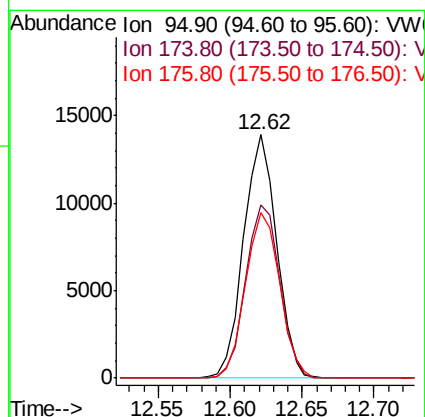
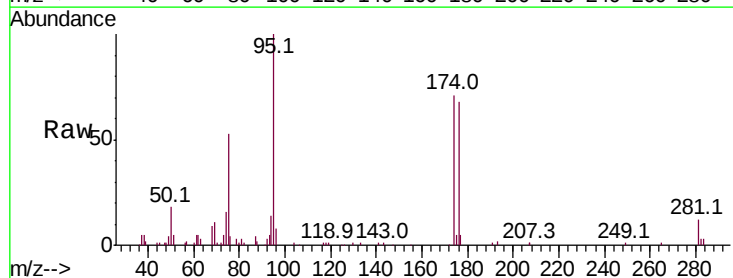
Tgt Ion: 95 Resp: 22133

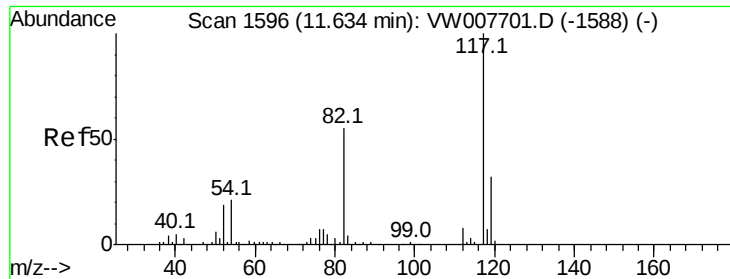
Ion Ratio Lower Upper

95 100

174 73.3 0.0 152.2

176 70.3 0.0 146.8

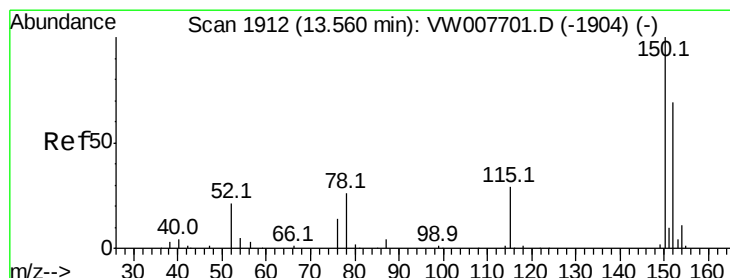
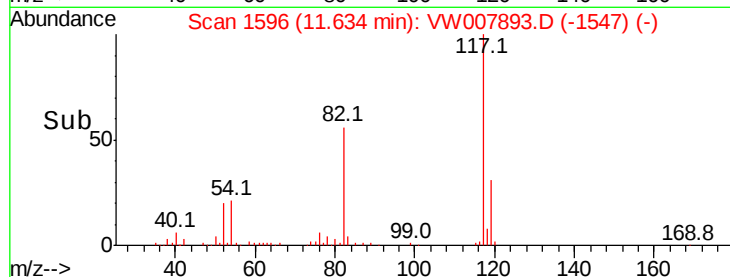
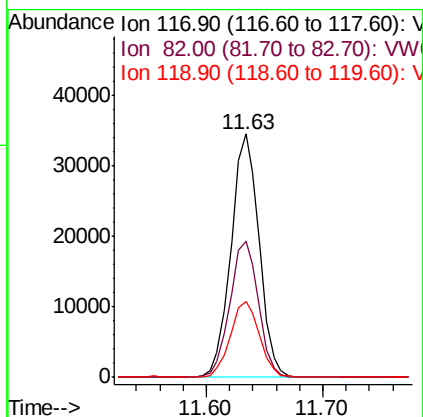
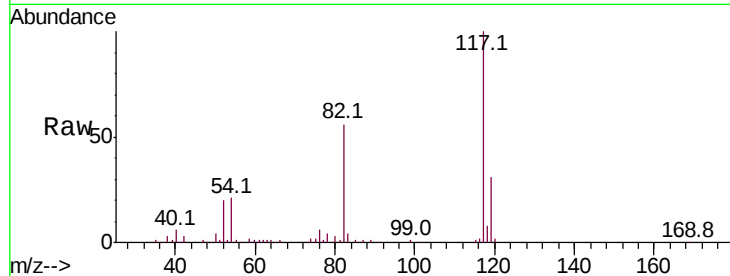




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007893.D
Acq: 24 Dec 2018 17:09

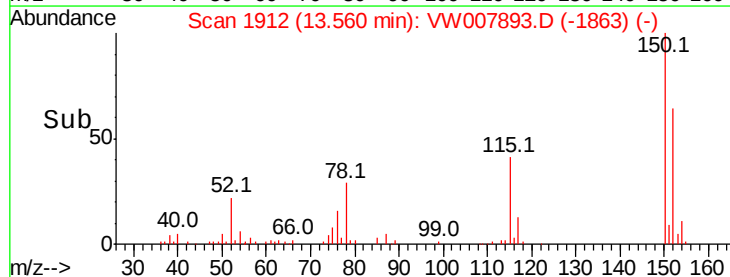
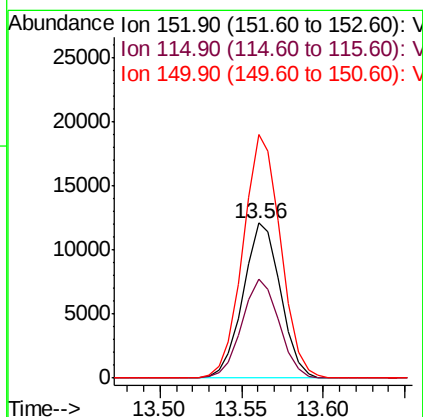
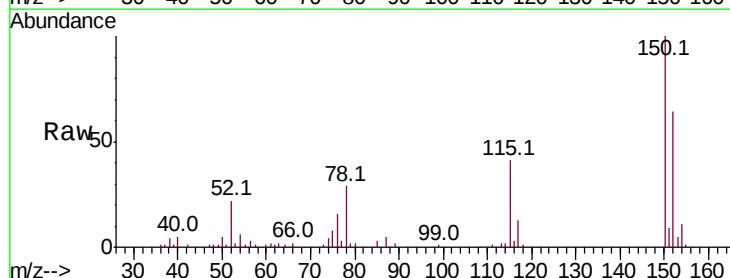
Instrument :
MSVOA_W
ClientSampled :

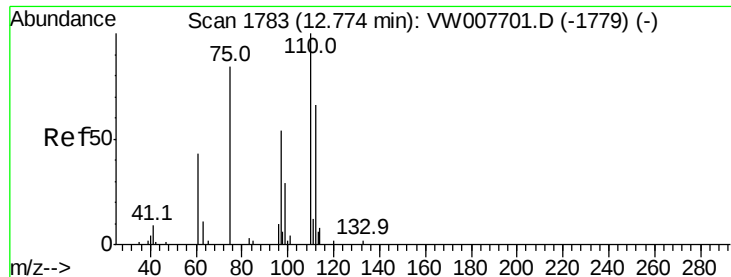
Tot Ion:117 Resp: 57932
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007893.D
Acq: 24 Dec 2018 17:09

Tgt Ion:152 Resp: 19382
Ion Ratio Lower Upper
152 100
115 63.6 31.8 95.4
150 157.3 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 77.568 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Instrument :

MSVOA_W

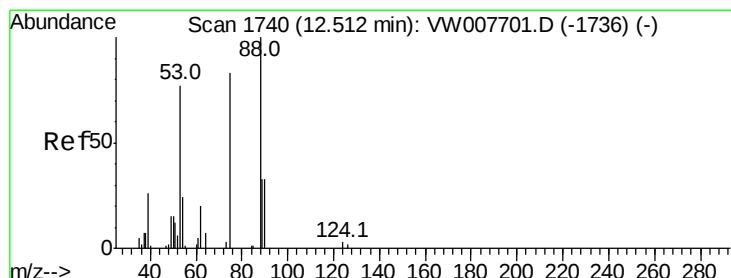
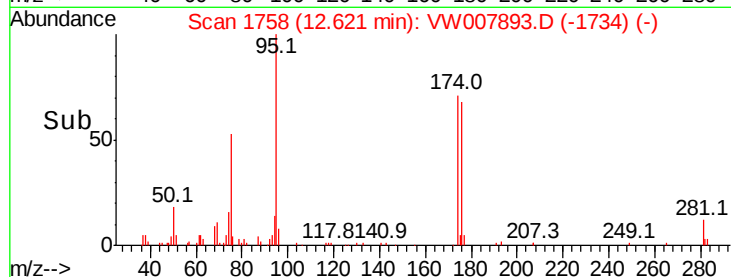
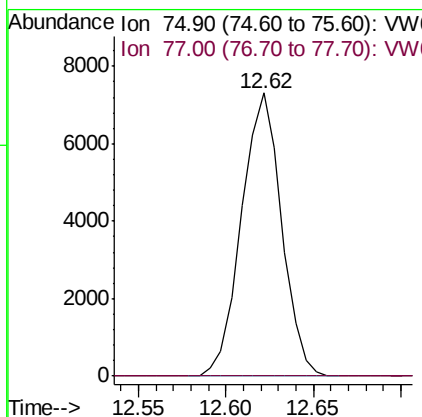
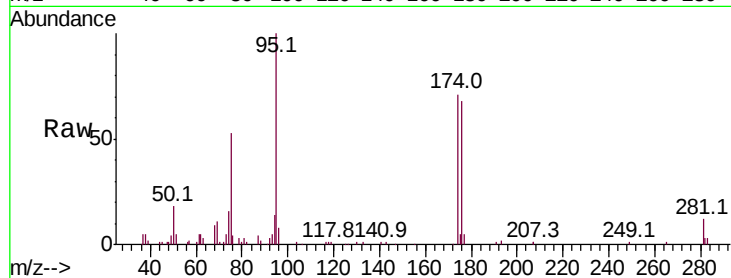
ClientSampleId :

Tot Ion: 75 Resp: 11620

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 162.820 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007893.D

Acq: 24 Dec 2018 17:09

Tgt Ion: 75 Resp: 11620

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

