

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007898.D
 Acq On : 24 Dec 2018 19:19
 Operator : SY/AP
 Sample : J6446-19
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:05:11 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

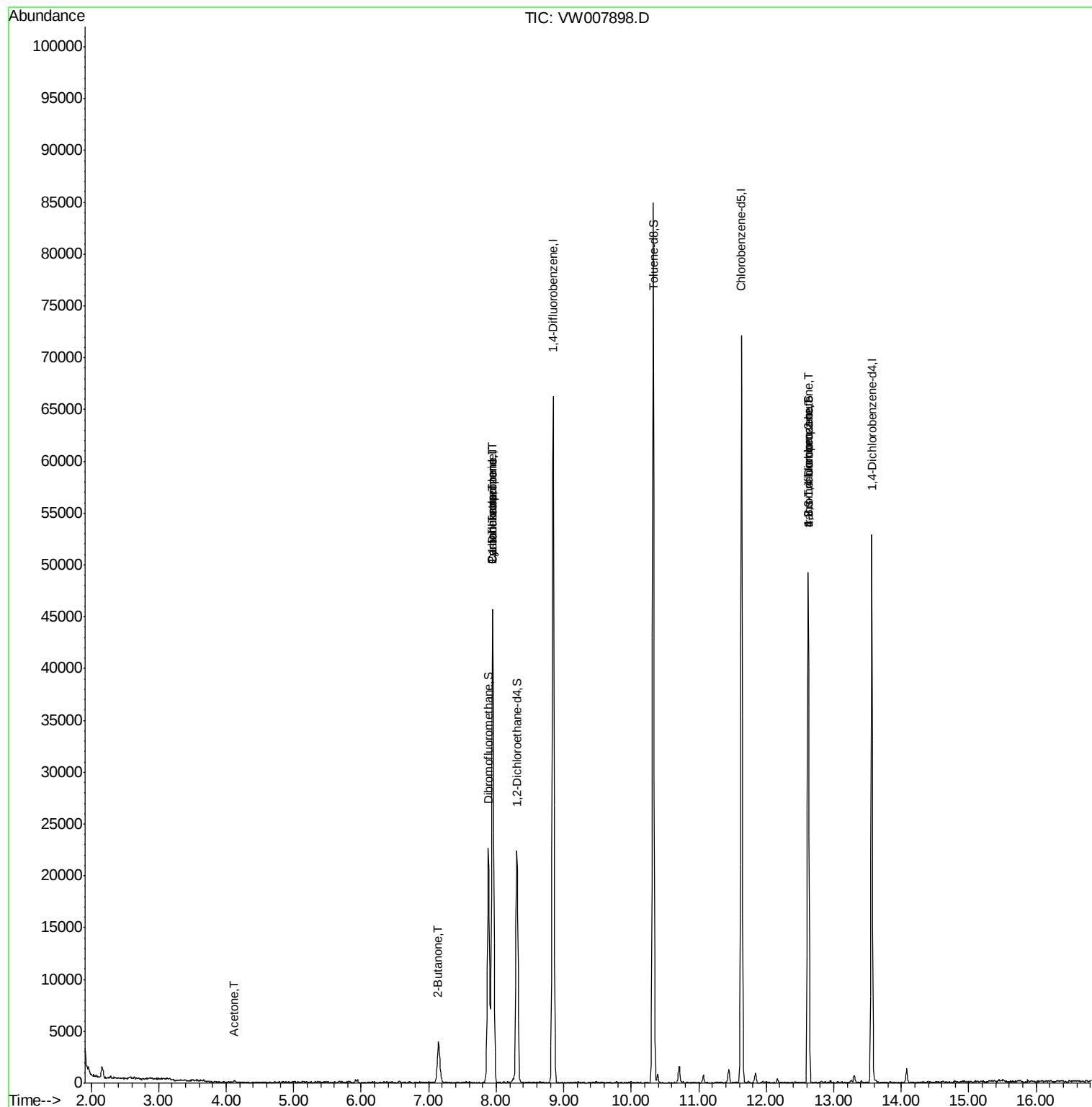
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18908	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	16353	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.32	98	56494	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	12.62	95	16251	33.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	185	2.710	ug/l #	48
20) Methylene Chloride	4.92	84	20	Below Cal	#	11
25) 2-Butanone	7.14	43	100	1.251	ug/l #	44
31) Cyclohexane	7.95	56	657	1.211	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	2763	5.168	ug/l #	48
38) Carbon Tetrachloride	7.95	117	3704	5.882	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	8588	80.423	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	8588	168.815	ug/l #	9

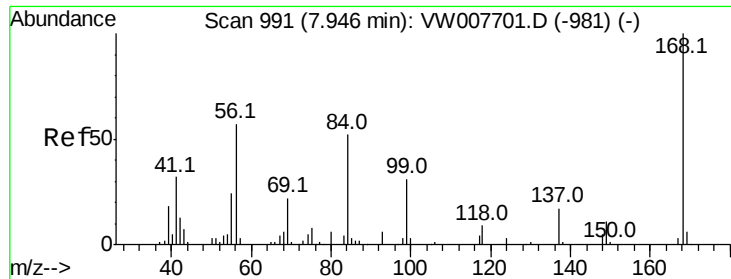
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007898.D

Acq: 24 Dec 2018 19:19

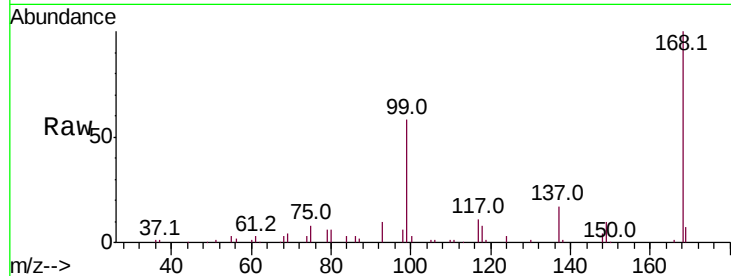
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 33257

Ion Ratio Lower Upper

168 100

99 58.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

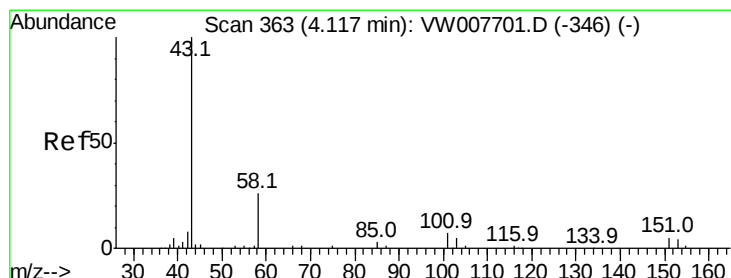
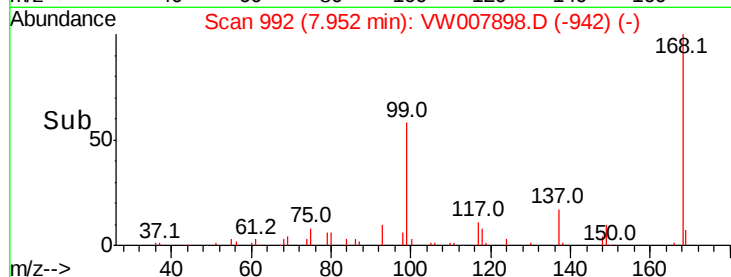
10000

5000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 2.710 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007898.D

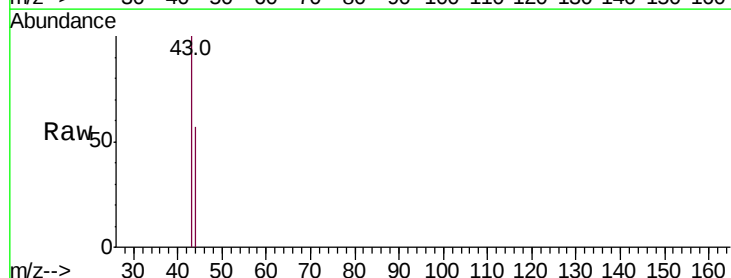
Acq: 24 Dec 2018 19:19

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

150

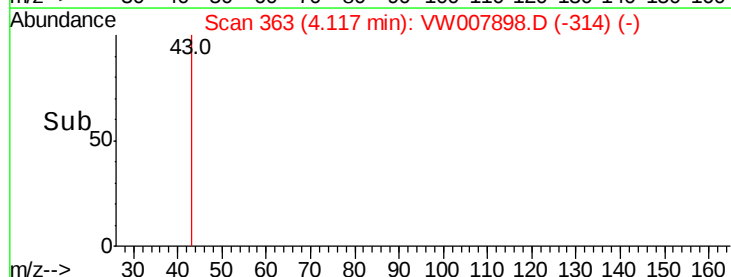
100

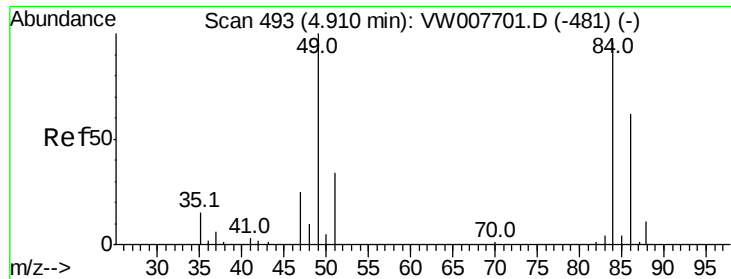
50

0

Time-->

4.08 4.10 4.12 4.14

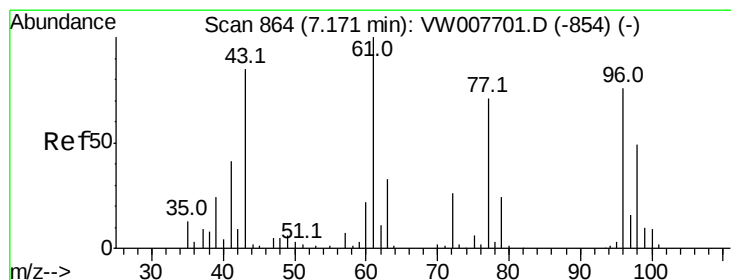
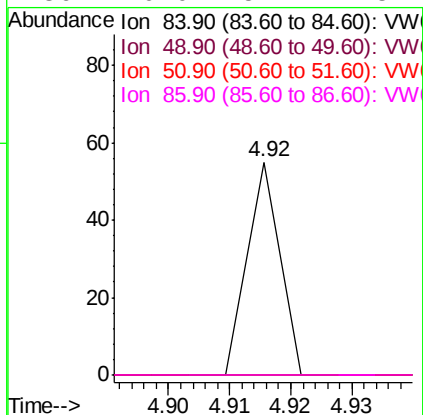
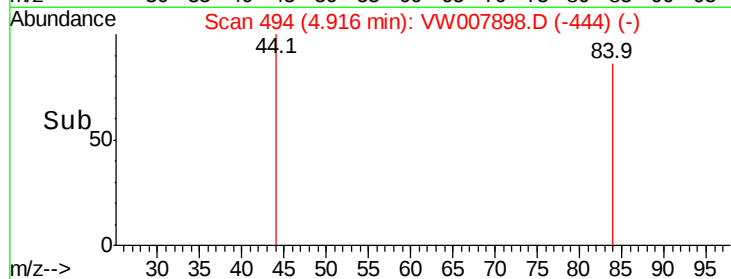
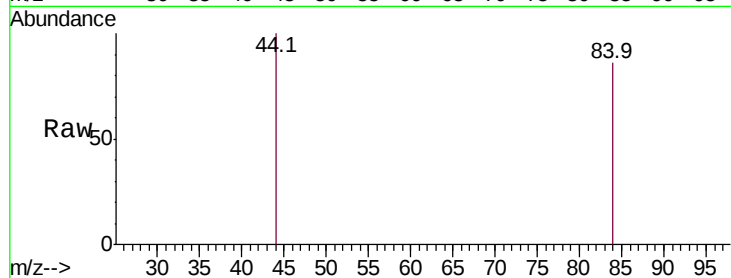




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

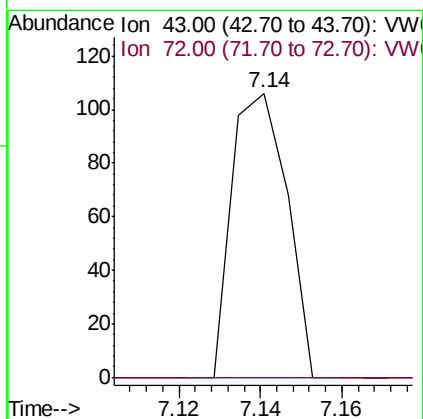
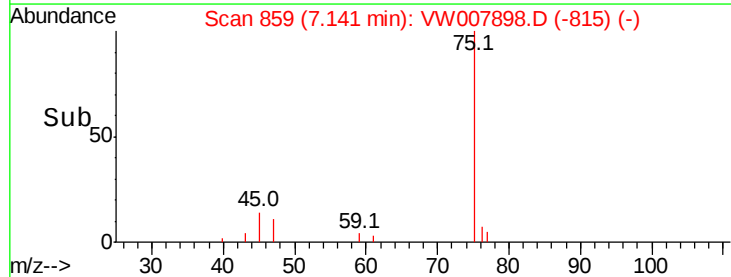
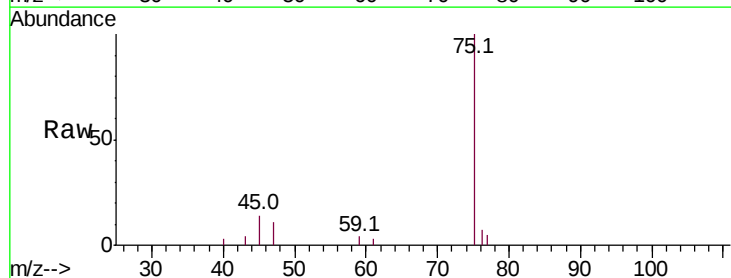
Instrument :
MSVOA_W
ClientSampleId :

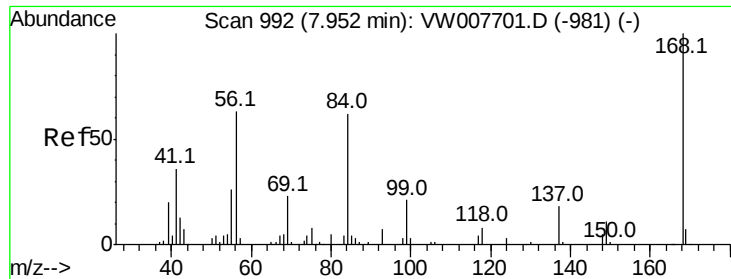
Tot Ion: 84 Resp: 20
Ion Ratio Lower Upper
84 100
49 0.0 83.7 125.5#
51 0.0 28.2 42.2#
86 0.0 52.2 78.2#



#25
2-Butanone
Concen: 1.251 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#

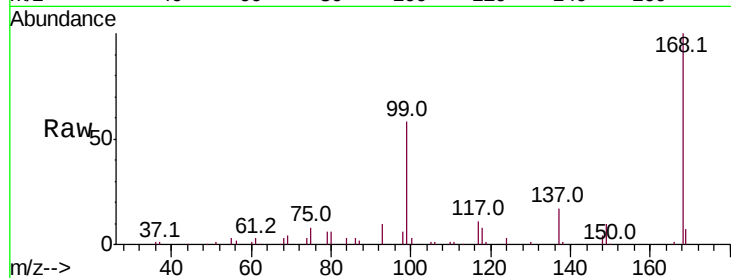




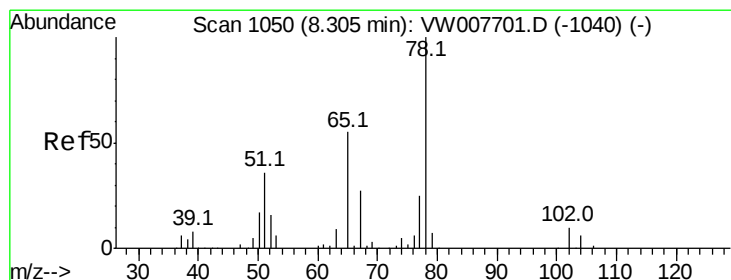
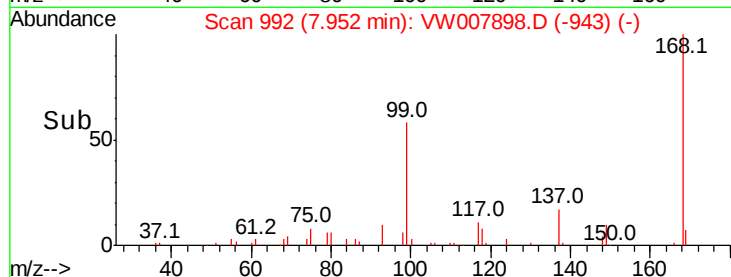
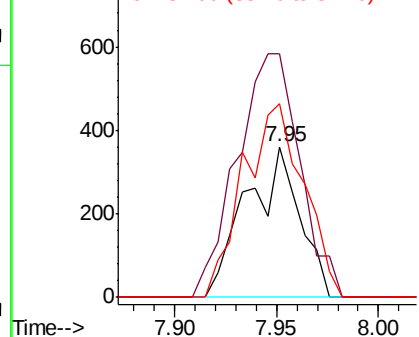
#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 657
Ion Ratio Lower Upper
56 100
69 161.9 29.7 44.5#
84 128.9 78.9 118.3#

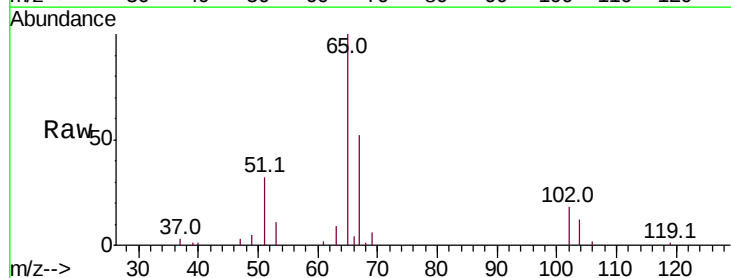


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

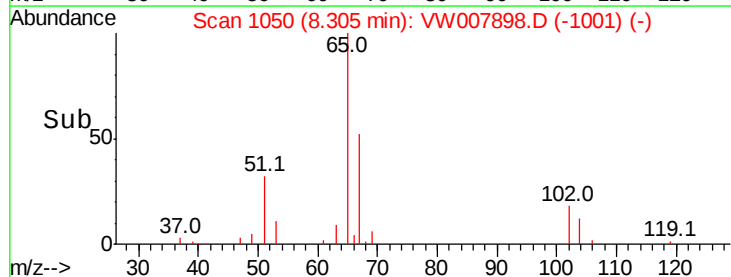
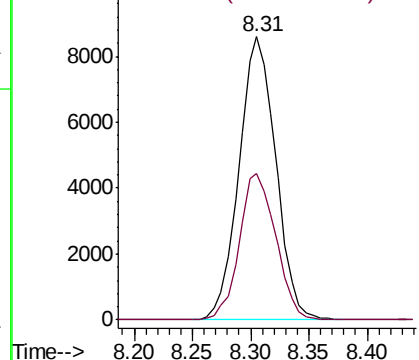


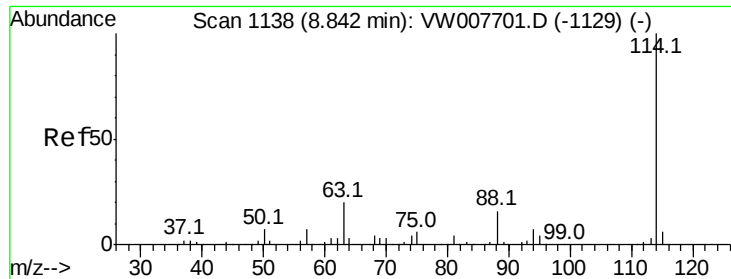
#33
1,2-Dichloroethane-d4
Concen: 51.872 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

Tgt Ion: 65 Resp: 18908
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.6



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

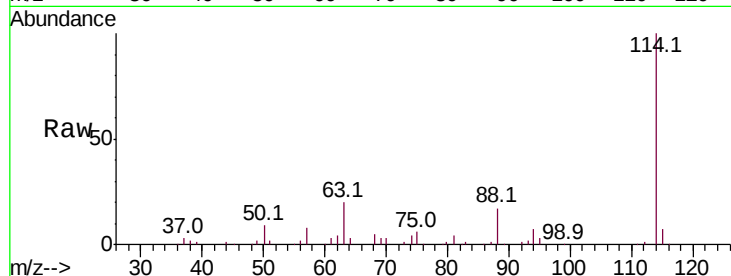




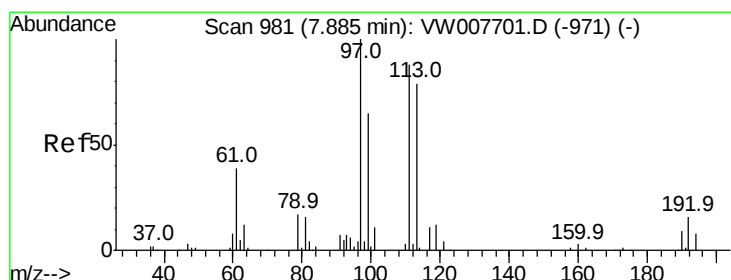
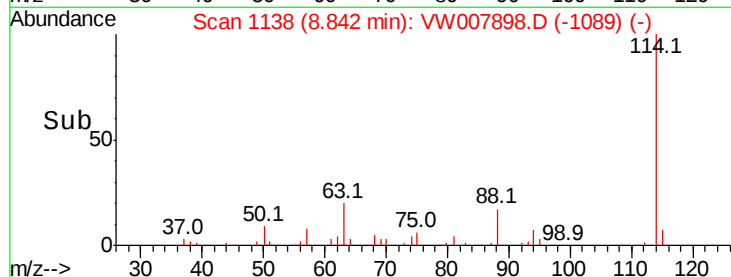
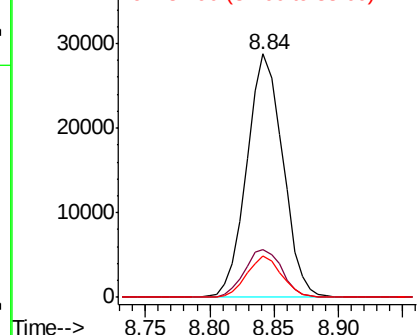
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007898.D
 Acq: 24 Dec 2018 19:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	16.8	0.0	32.6

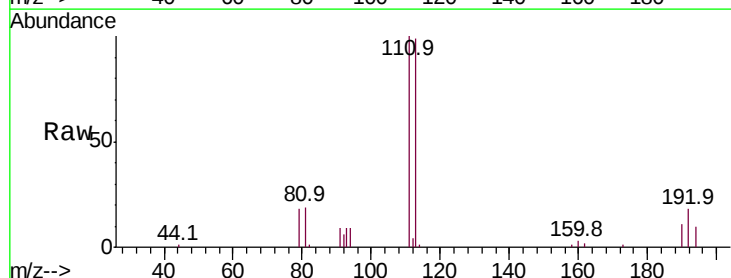


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

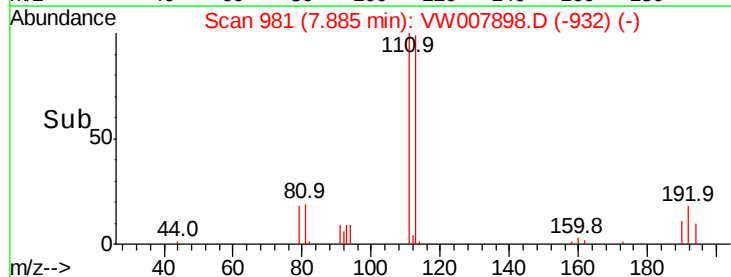
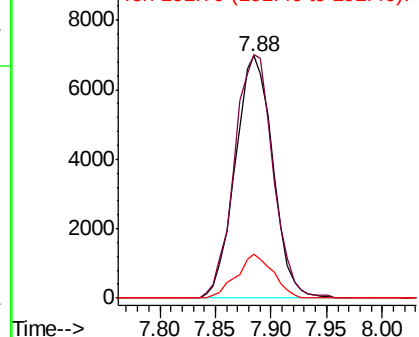


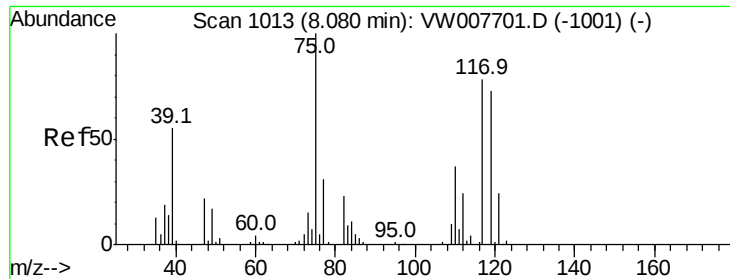
#35
 Dibromofluoromethane
 Concen: 48.390 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007898.D
 Acq: 24 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	17.4	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

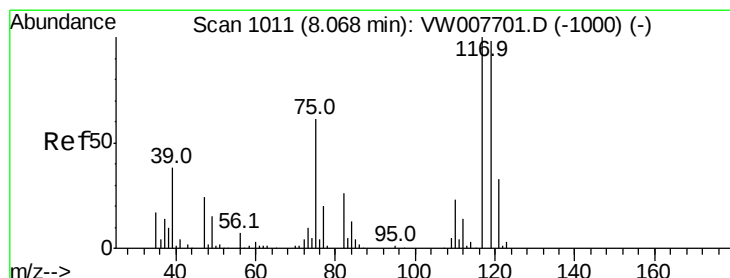
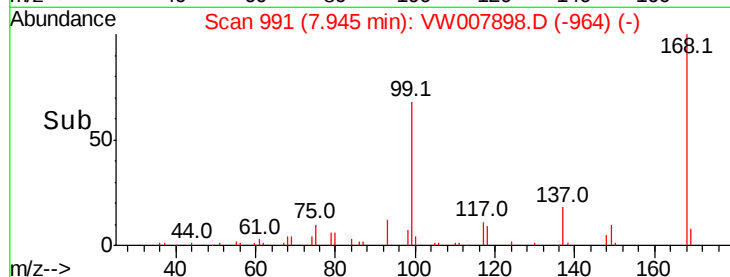
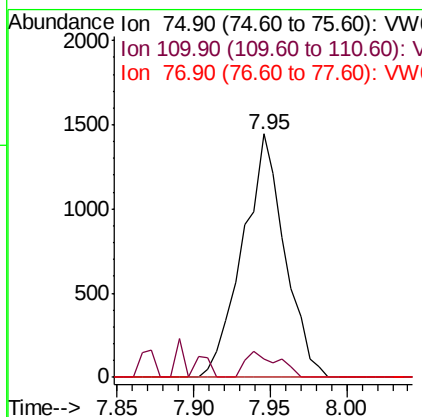
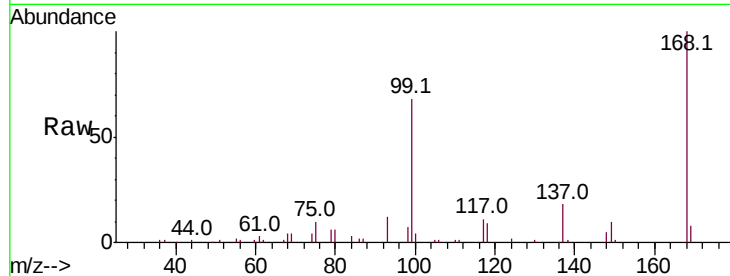




#36
 1,1-Dichloropropene
 Concen: 5.168 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007898.D
 Acq: 24 Dec 2018 19:19

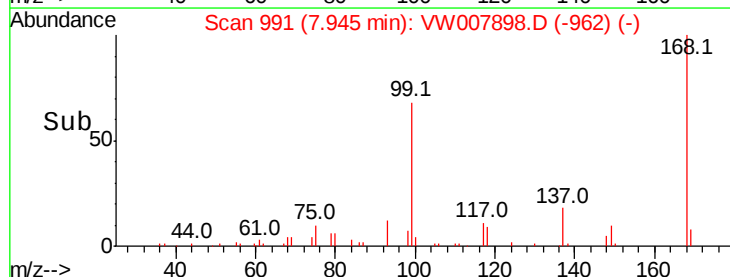
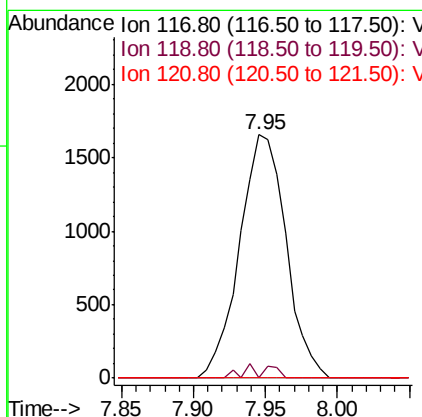
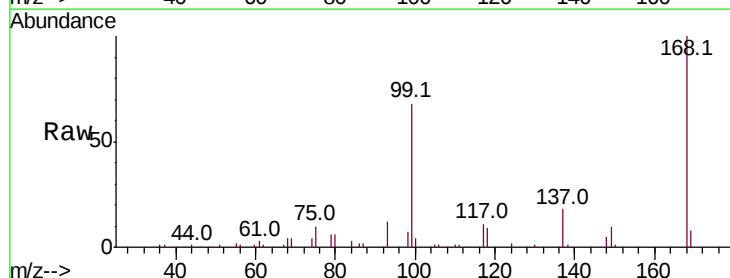
Instrument :
 MSVOA_W
 ClientSampleId :

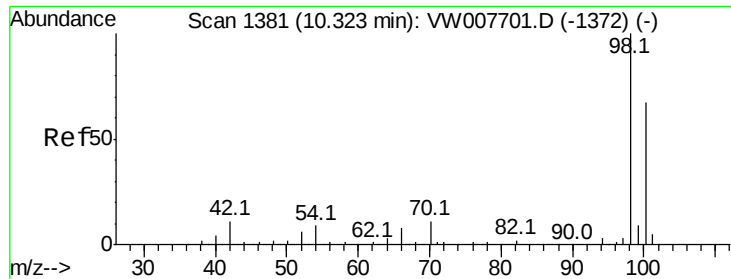
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.6	55.8#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.882 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007898.D
 Acq: 24 Dec 2018 19:19

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





#50

Toluene-d8

Concen: 44.344 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007898.D

Acq: 24 Dec 2018 19:19

Instrument :

MSVOA_W

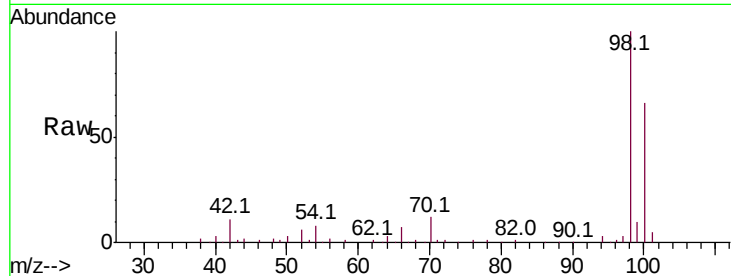
ClientSampleId :

Tot Ion: 98 Resp: 56494

Ion Ratio Lower Upper

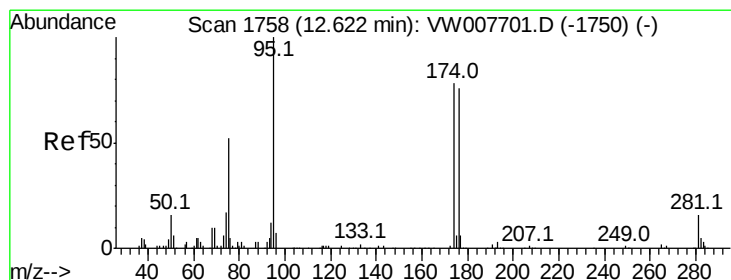
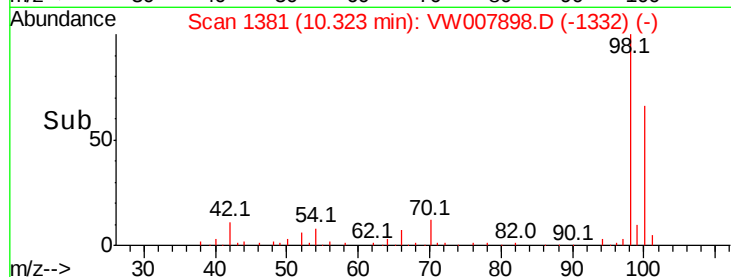
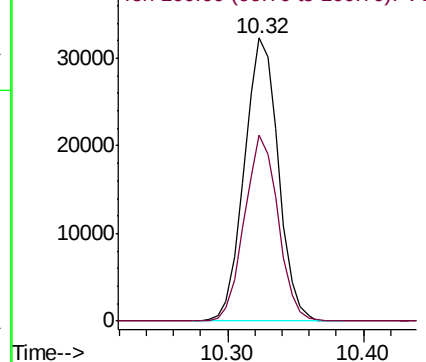
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.019 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007898.D

Acq: 24 Dec 2018 19:19

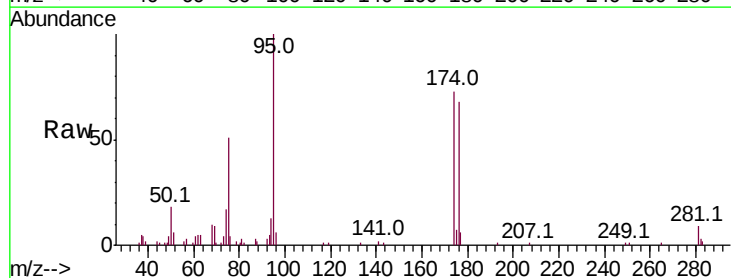
Tgt Ion: 95 Resp: 16251

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

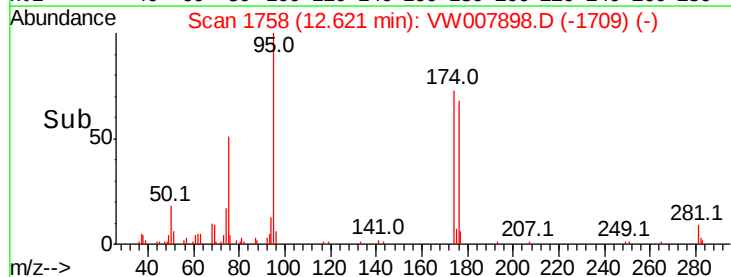
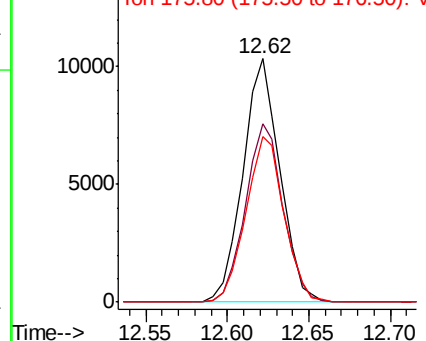
176 70.1 0.0 146.8

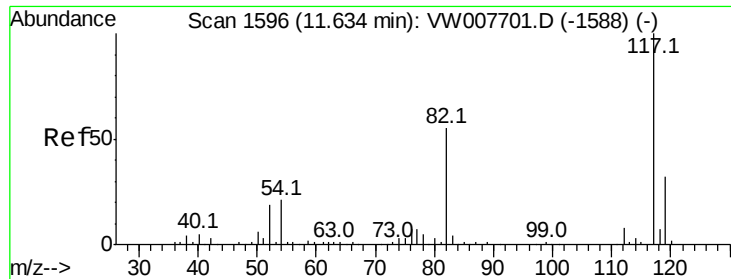


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

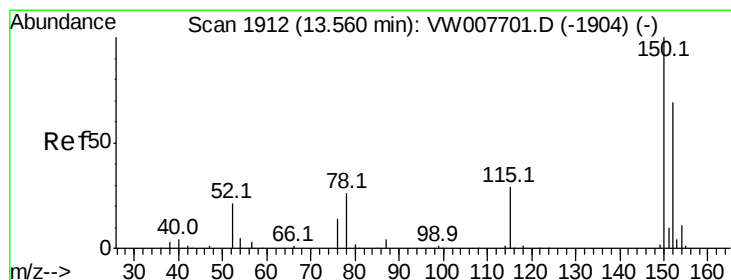
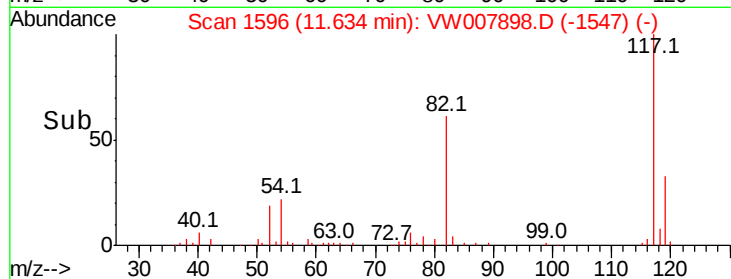
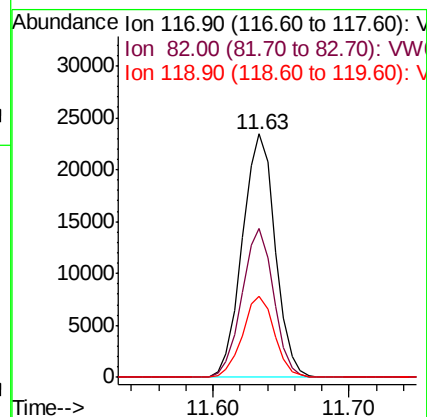
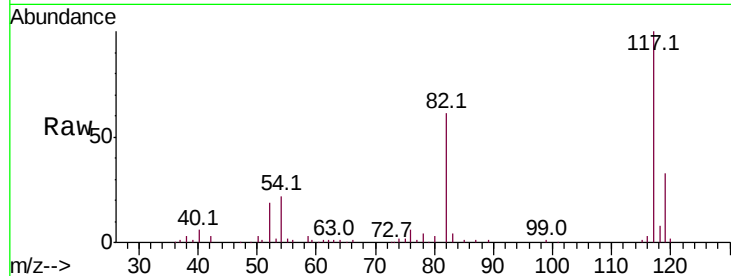




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

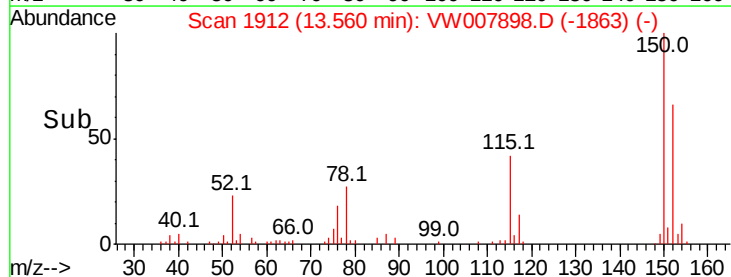
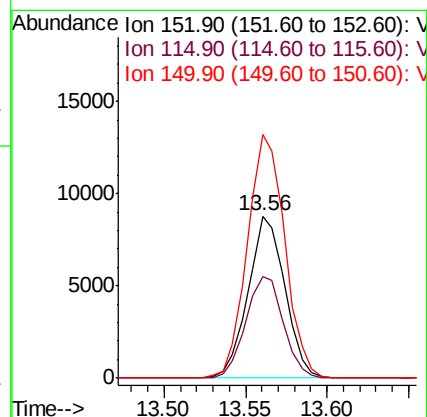
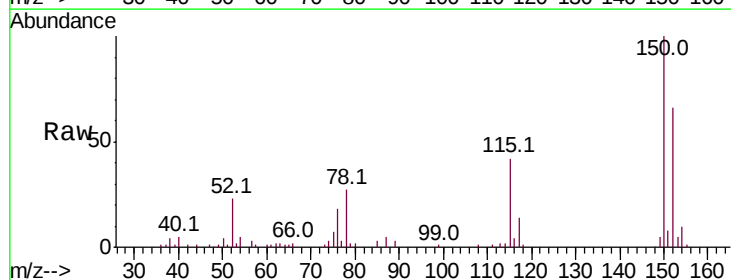
Instrument :
MSVOA_W
ClientSampled :

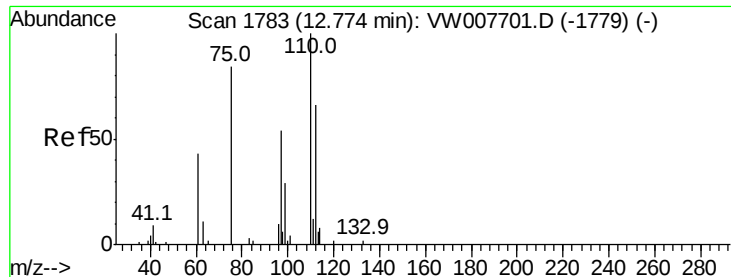
Tot Ion:117 Resp: 39464
Ion Ratio Lower Upper
117 100
82 61.2 44.3 66.5
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007898.D
Acq: 24 Dec 2018 19:19

Tgt Ion:152 Resp: 13816
Ion Ratio Lower Upper
152 100
115 63.8 31.8 95.4
150 152.8 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 80.423 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007898.D

Acq: 24 Dec 2018 19:19

Instrument :

MSVOA_W

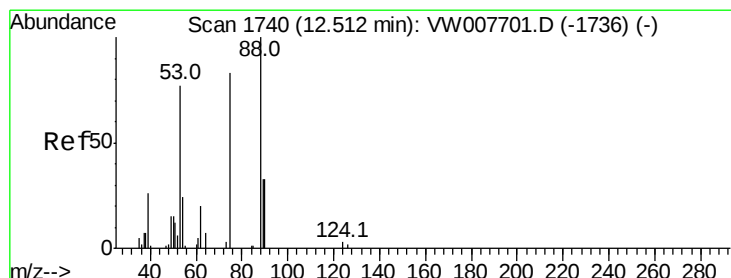
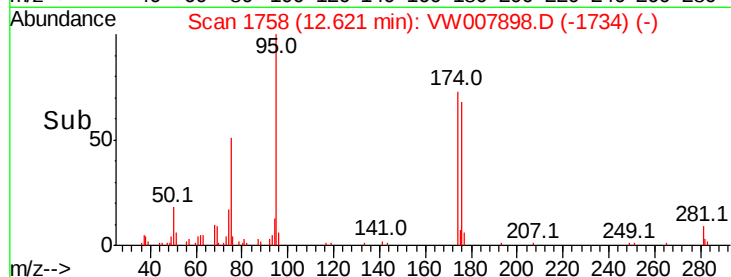
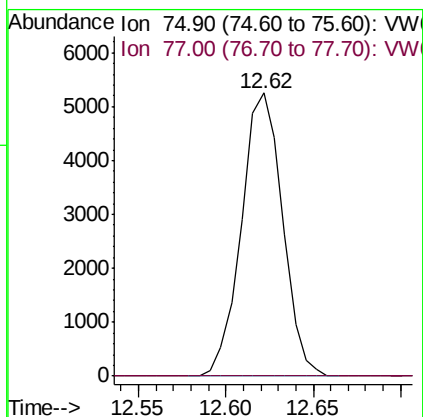
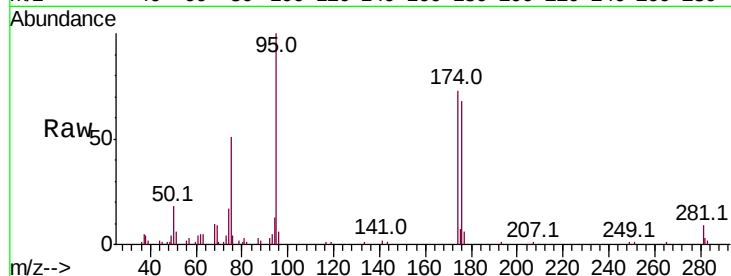
ClientSampleId :

Tot Ion: 75 Resp: 8588

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 168.815 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007898.D

Acq: 24 Dec 2018 19:19

Tgt Ion: 75 Resp: 8588

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

