

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007886.D
 Acq On : 24 Dec 2018 14:08
 Operator : SY/AP
 Sample : J6446-10
 Misc : 4.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:02:16 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

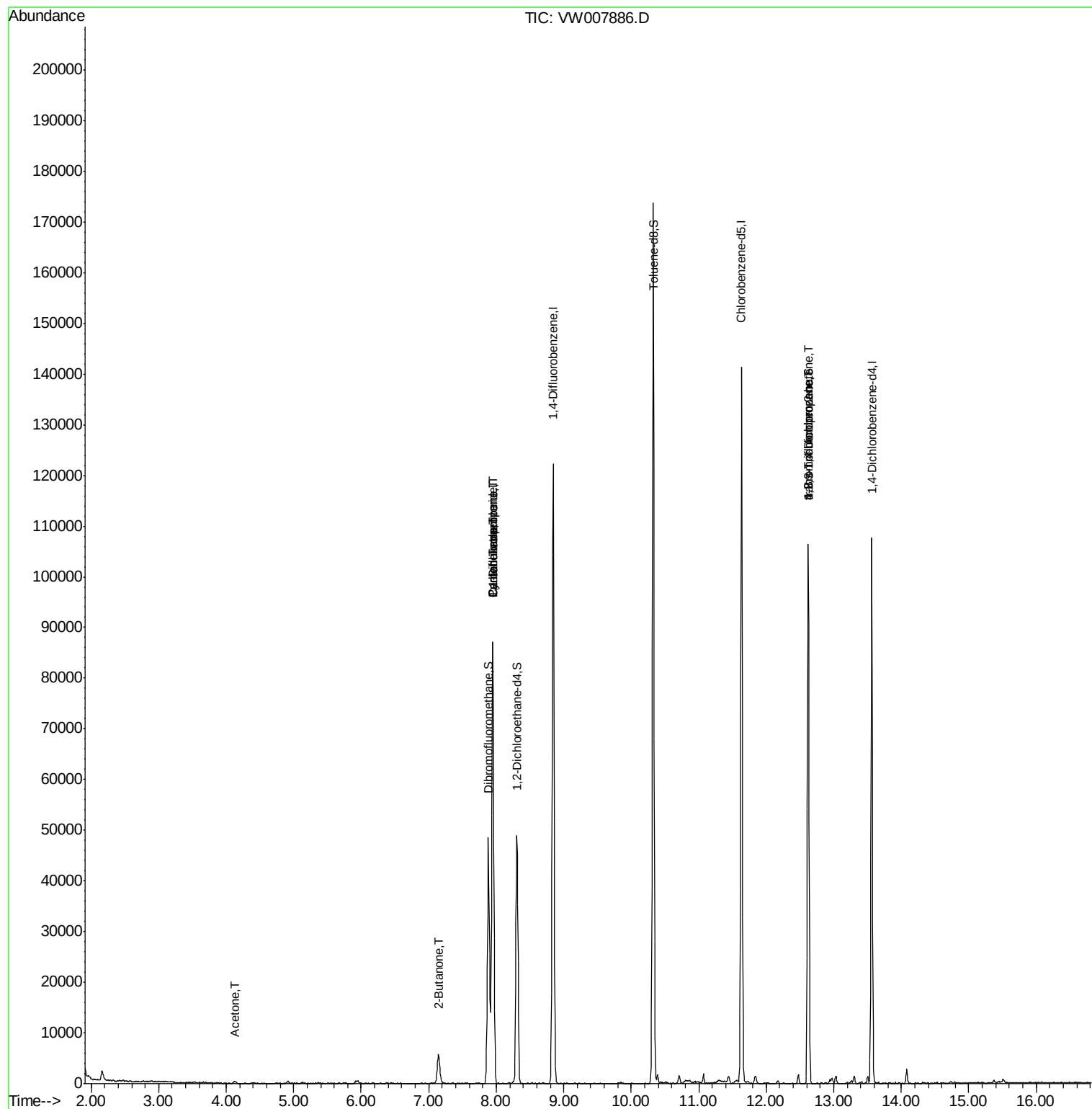
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40413	57.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.72%	
35) Dibromofluoromethane	7.88	113	35250	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.32	98	119740	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	35414	38.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.38%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	780	5.963	ug/l	95
20) Methylene Chloride	4.91	84	196	Below Cal	#	89
25) 2-Butanone	7.15	43	318	2.076	ug/l #	44
31) Cyclohexane	7.95	56	1382	1.329	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	5058	5.021	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6565	5.533	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	18371	86.995	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	18371	182.608	ug/l #	9

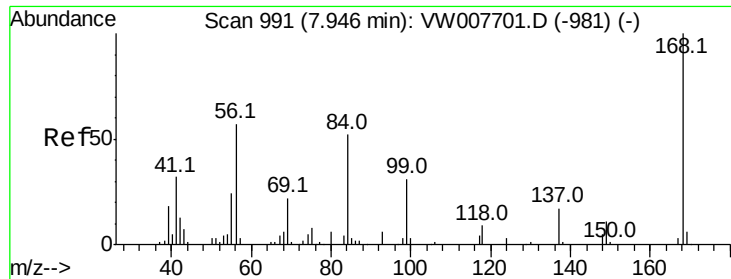
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Instrument :

MSVOA_W

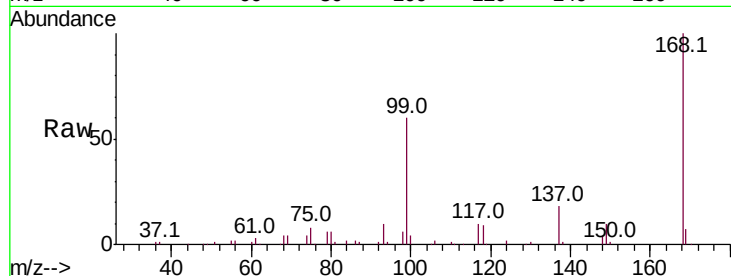
ClientSampled :

Tot Ion:168 Resp: 63727

Ion Ratio Lower Upper

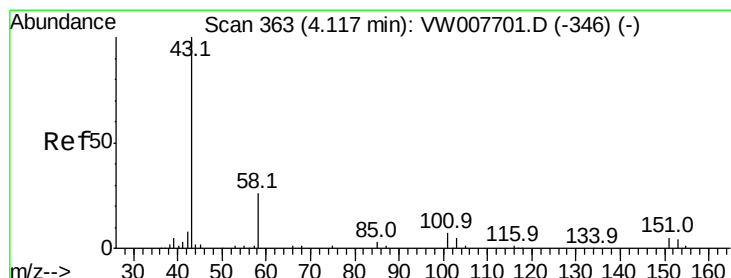
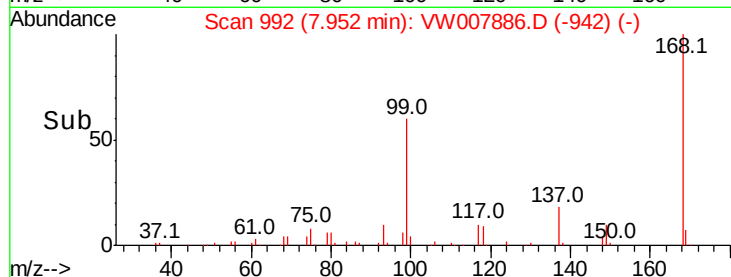
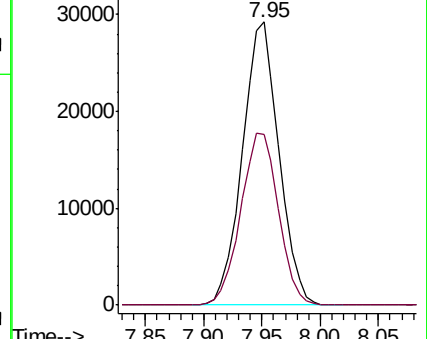
168 100

99 60.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.963 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007886.D

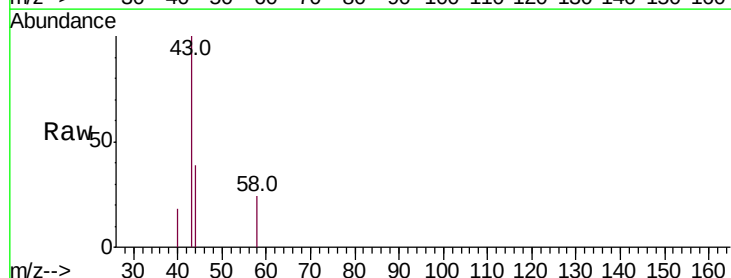
Acq: 24 Dec 2018 14:08

Tgt Ion: 43 Resp: 780

Ion Ratio Lower Upper

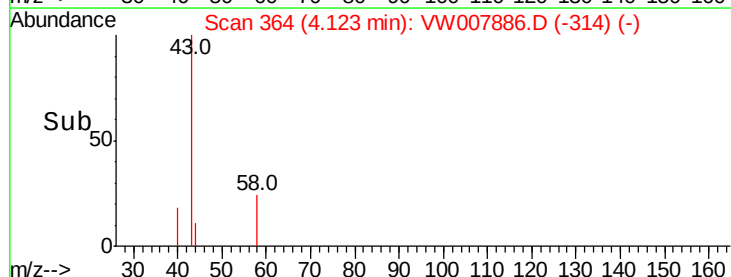
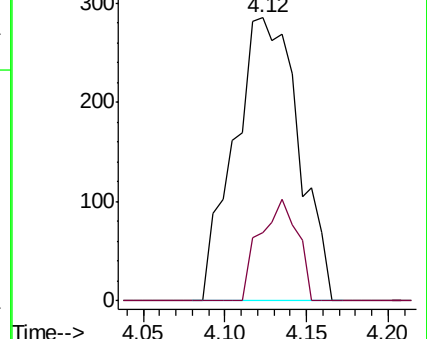
43 100

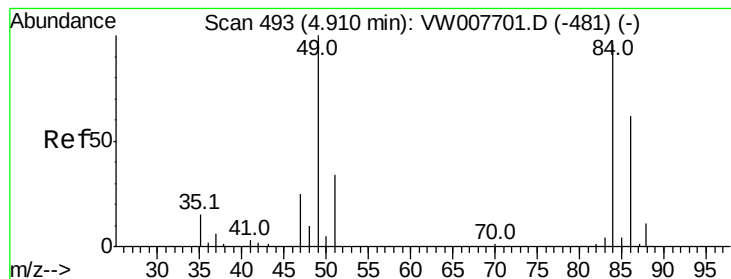
58 23.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 196

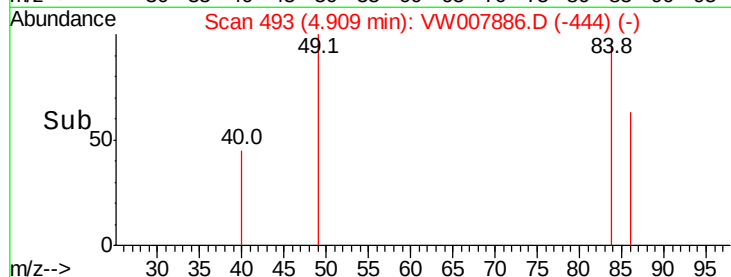
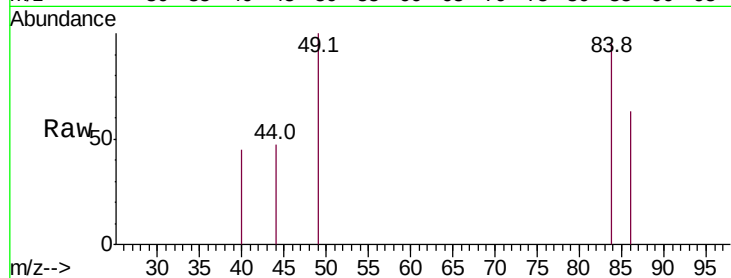
Ion Ratio Lower Upper

84 100

49 105.3 83.7 125.5

51 0.0 28.2 42.2#

86 65.9 52.2 78.2

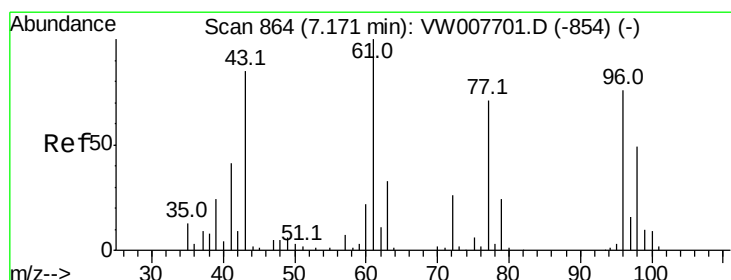
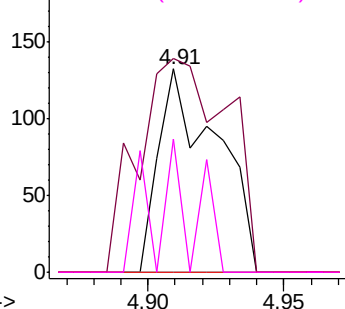


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 2.076 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007886.D

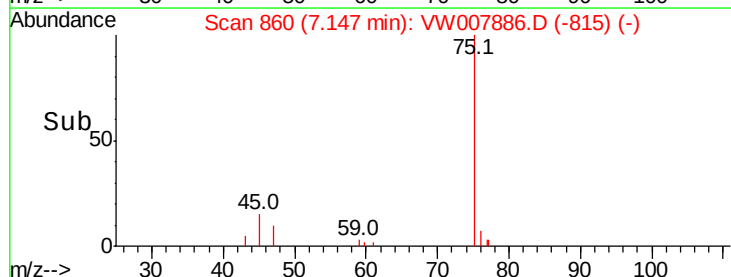
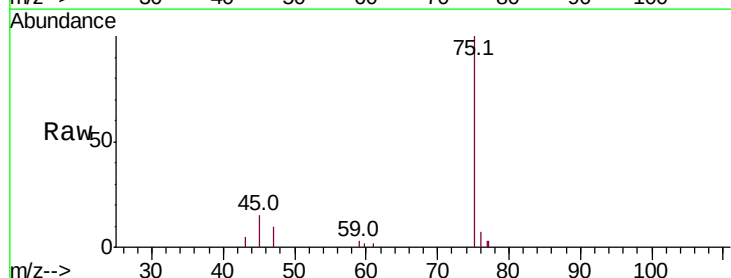
Acq: 24 Dec 2018 14:08

Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

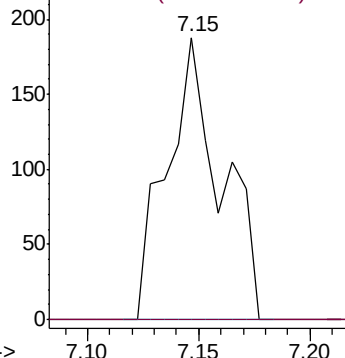
43 100

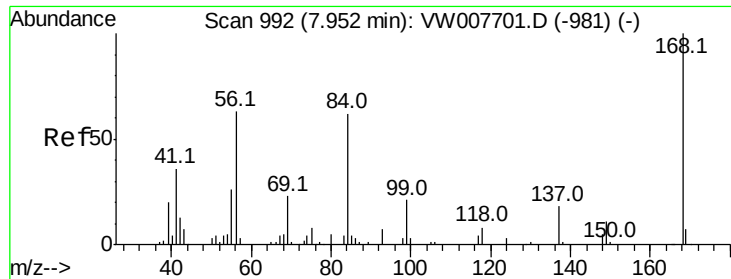
72 0.0 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

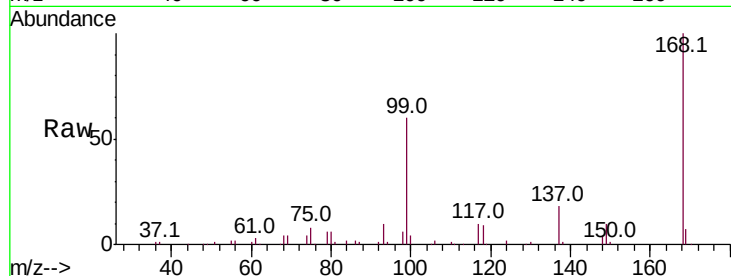




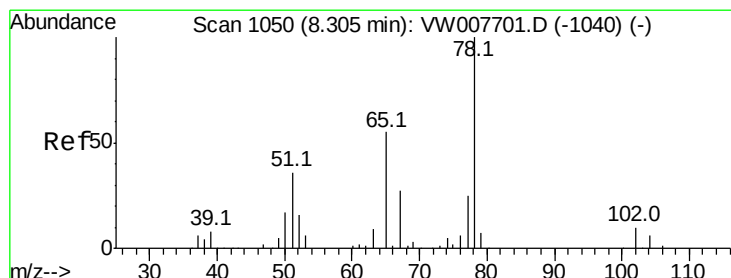
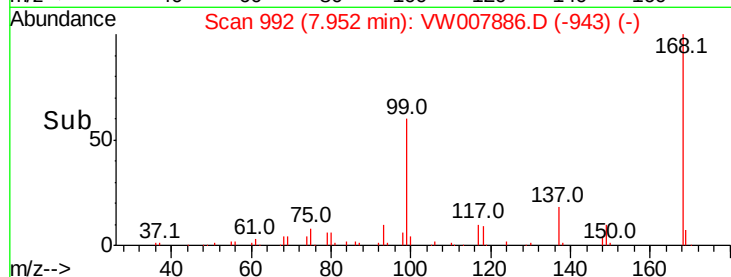
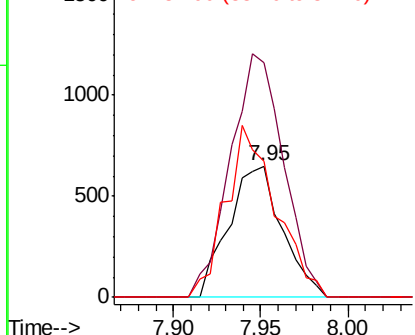
#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1382
Ion Ratio Lower Upper
56 100
69 178.8 29.7 44.5#
84 103.8 78.9 118.3

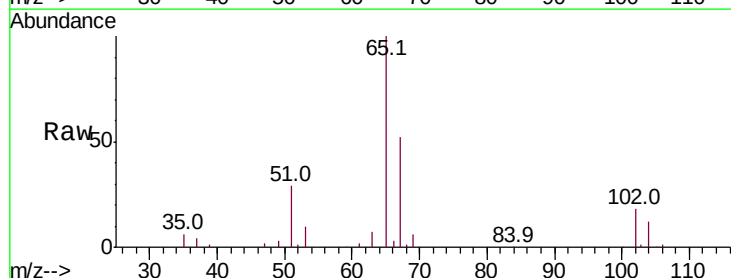


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

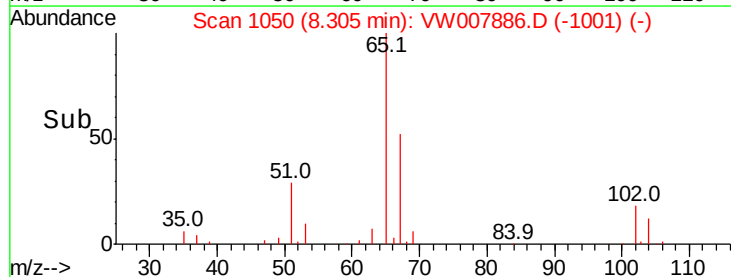
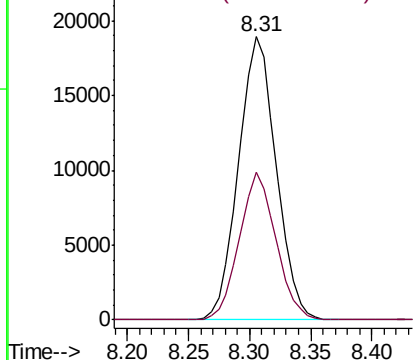


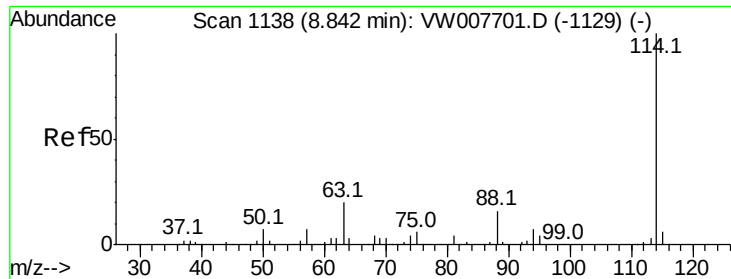
#33
1,2-Dichloroethane-d4
Concen: 57.859 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

Tgt Ion: 65 Resp: 40413
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.6



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

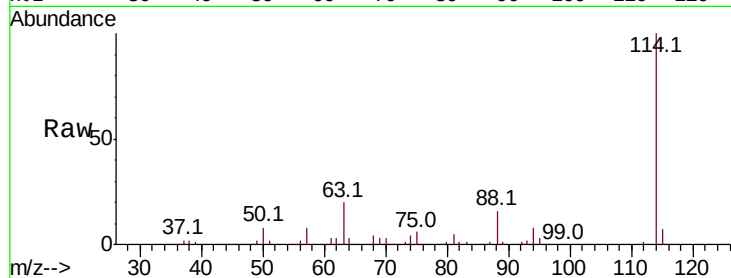




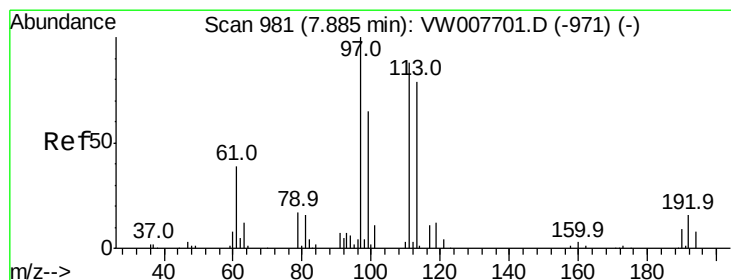
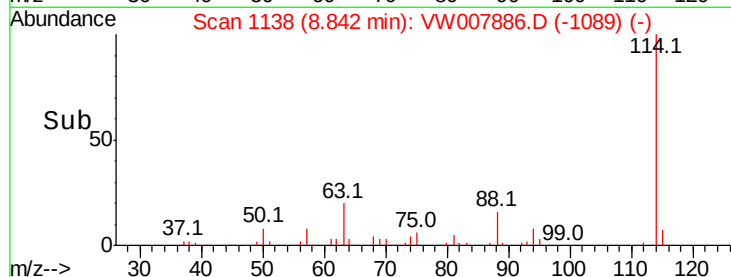
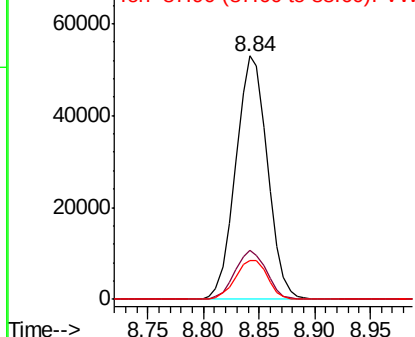
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	16.1	0.0	32.6

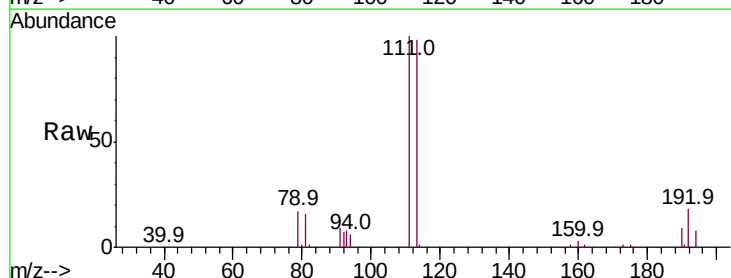


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

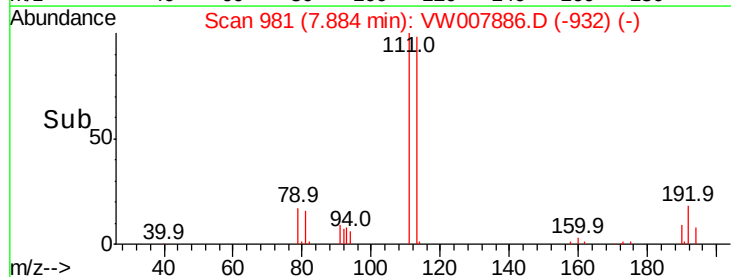
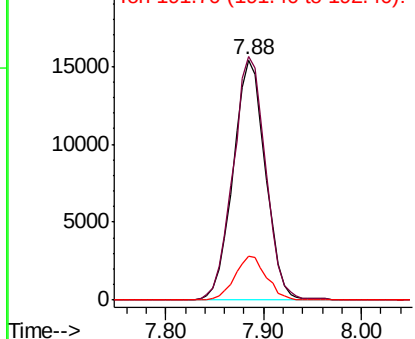


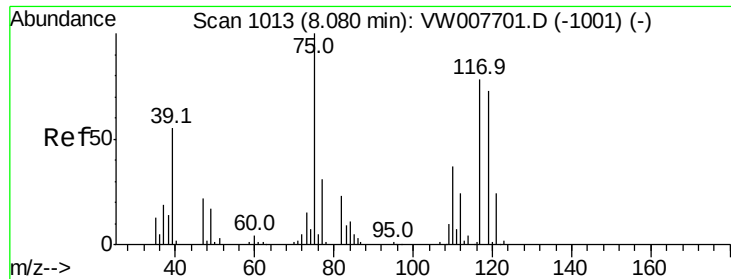
#35
 Dibromofluoromethane
 Concen: 55.359 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	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

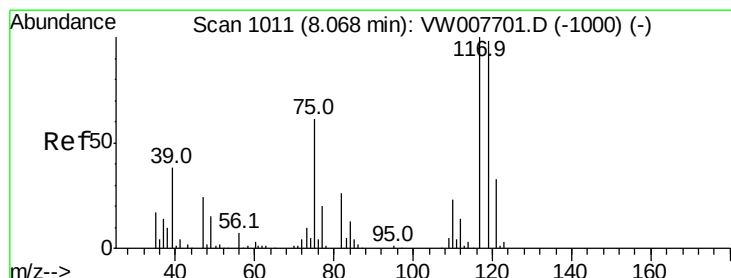
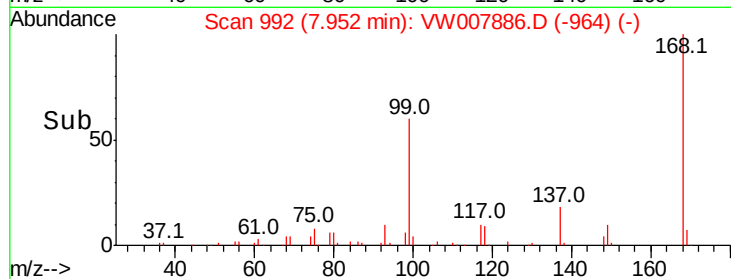
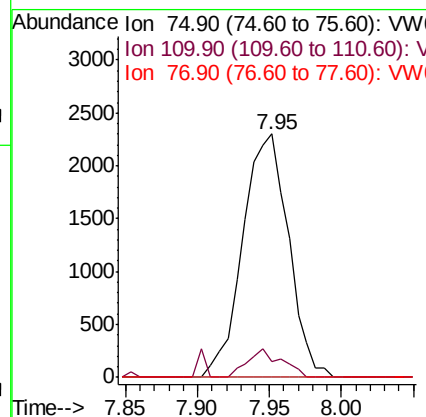
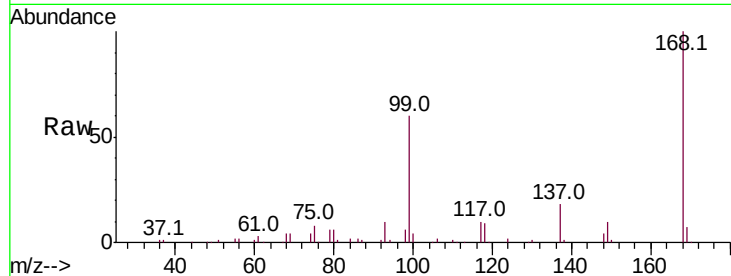




#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

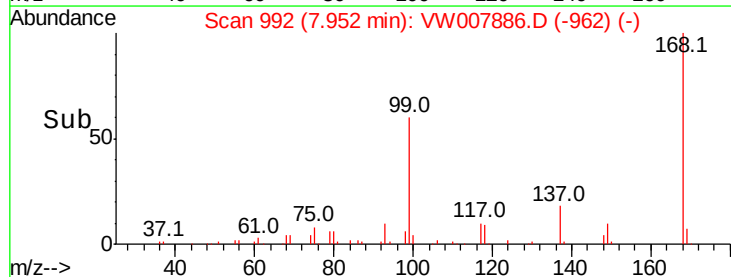
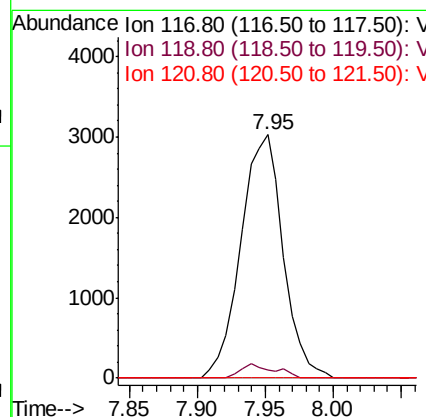
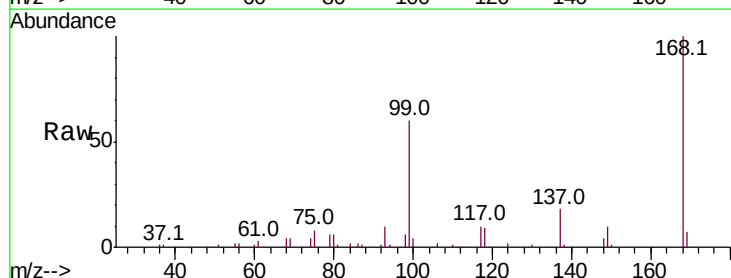
Instrument :
 MSVOA_W
 ClientSampleId :

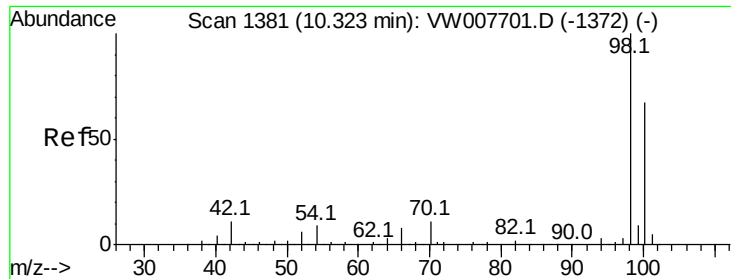
Tot Ion: 75 Resp: 5058
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.533 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007886.D
 Acq: 24 Dec 2018 14:08

Tgt Ion: 117 Resp: 6565
 Ion Ratio Lower Upper
 117 100
 119 3.4 78.2 117.2#
 121 0.0 26.1 39.1#

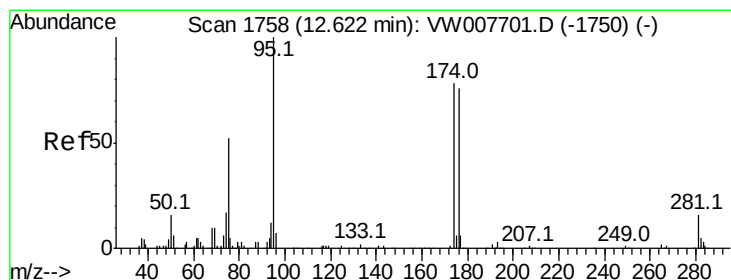
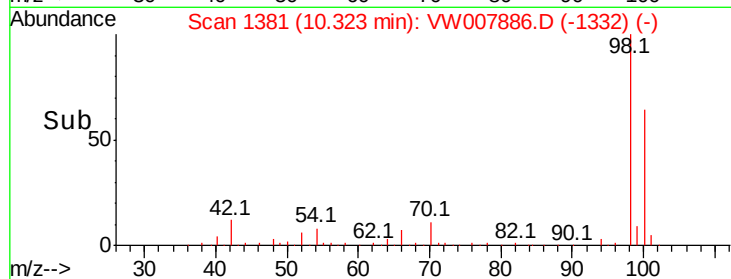
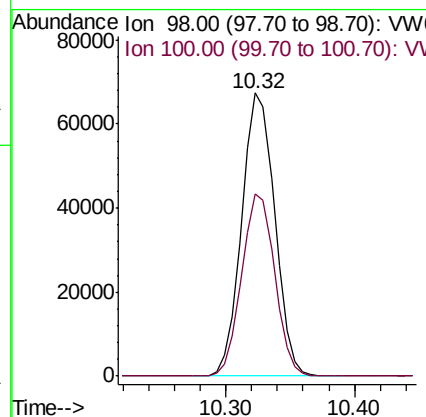
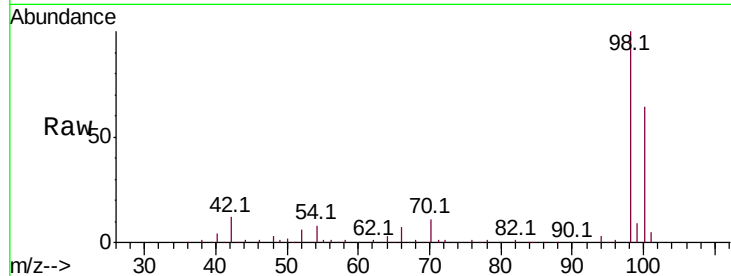




#50
Toluene-d8
Concen: 49.882 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

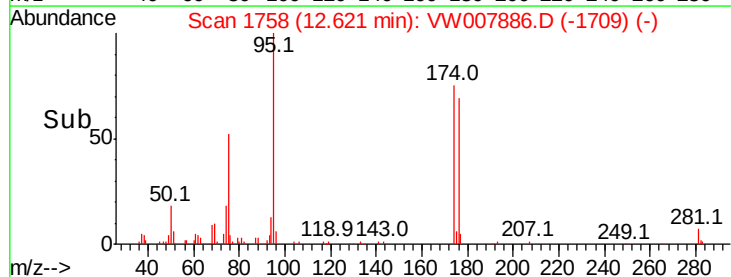
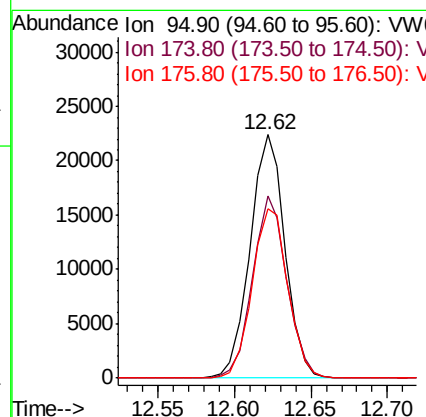
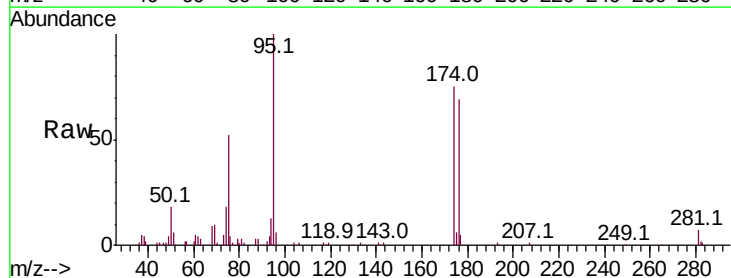
Instrument :
MSVOA_W
ClientSampleId :

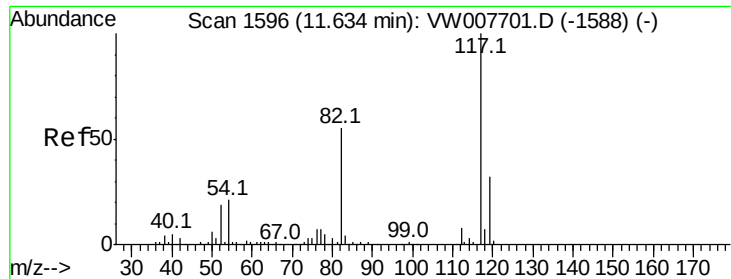
Tot Ion: 98 Resp: 119740
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.188 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

Tgt Ion: 95 Resp: 35414
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.2
176 71.2 0.0 146.8

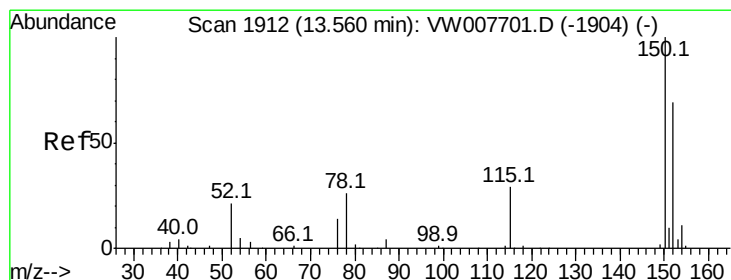
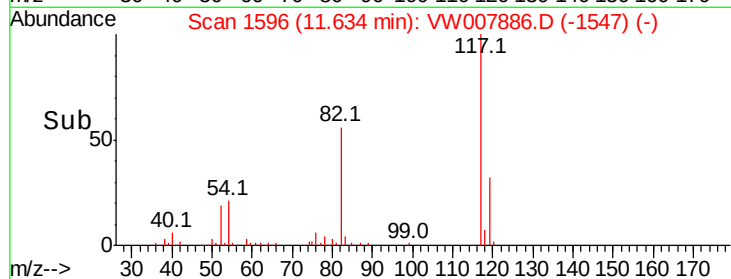
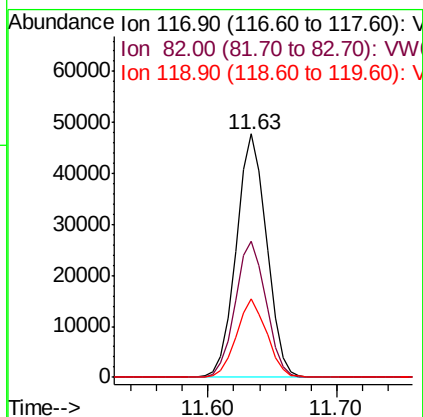
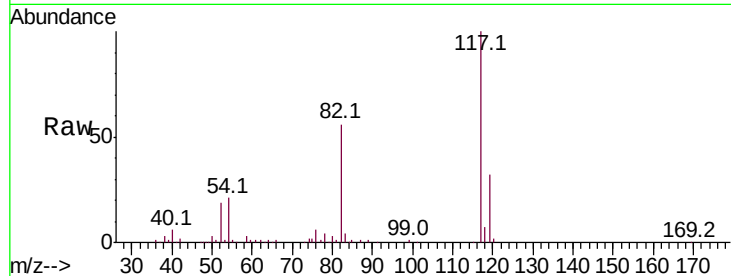




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

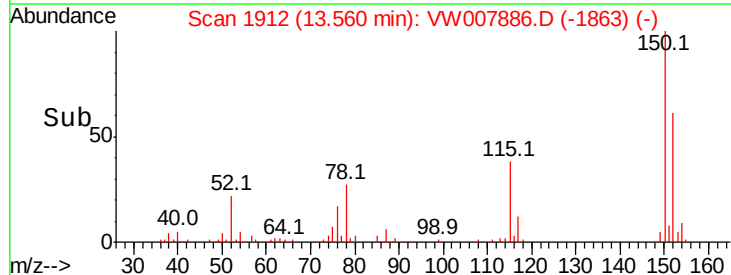
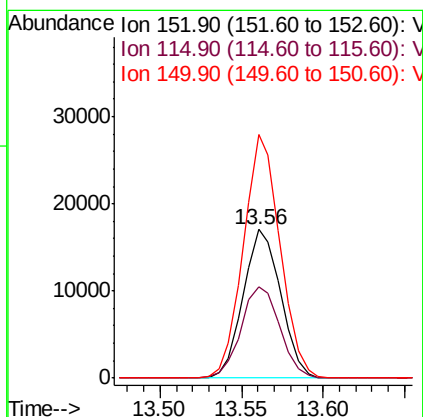
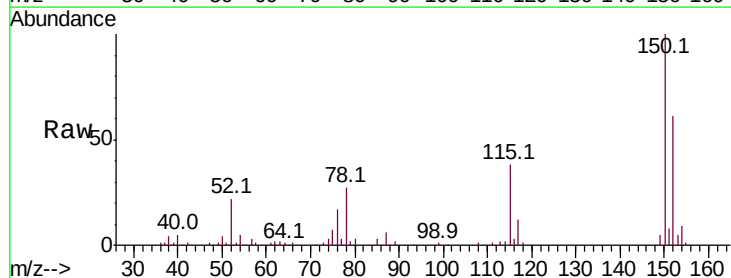
Instrument :
MSVOA_W
ClientSampleId :

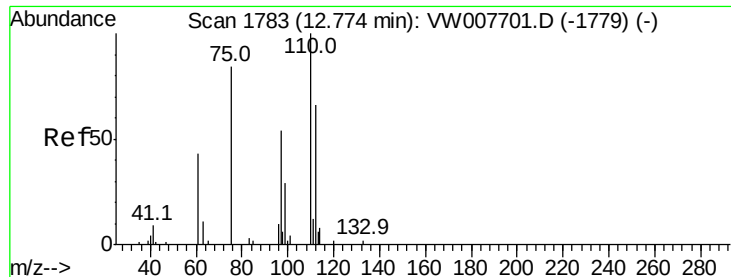
Tot Ion:117 Resp: 77777
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007886.D
Acq: 24 Dec 2018 14:08

Tgt Ion:152 Resp: 27322
Ion Ratio Lower Upper
152 100
115 63.2 31.8 95.4
150 159.6 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 86.995 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Instrument :

MSVOA_W

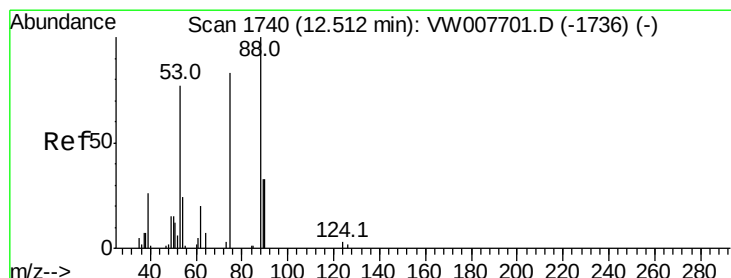
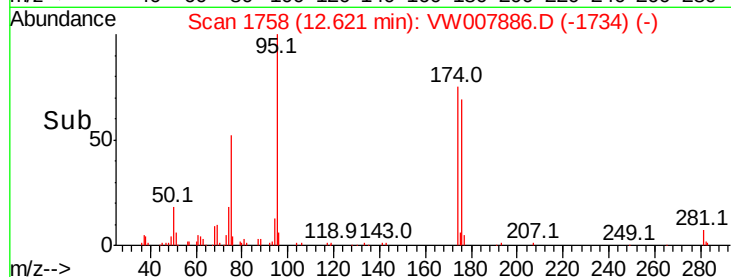
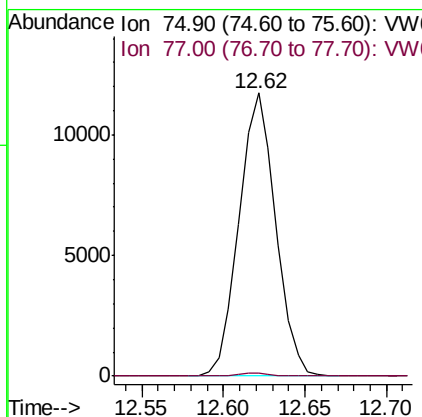
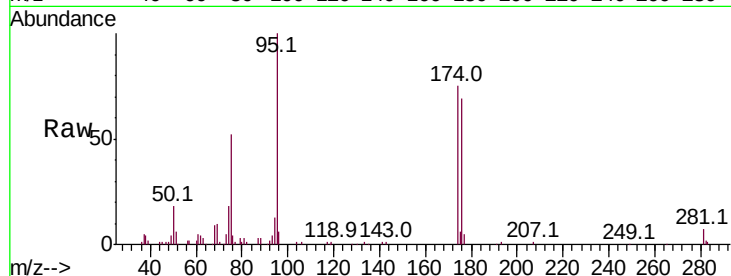
ClientSampled :

Tot Ion: 75 Resp: 18371

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 182.608 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007886.D

Acq: 24 Dec 2018 14:08

Tgt Ion: 75 Resp: 18371

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

