

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007022.D
 Acq On : 22 Nov 2018 02:53
 Operator : VAY/AP
 Sample : J5772-05RE
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:42:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46764	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
35) Dibromofluoromethane	7.88	113	39602	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.32	98	143312	38.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.96%	
62) 4-Bromofluorobenzene	12.62	95	47870	33.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.18%	

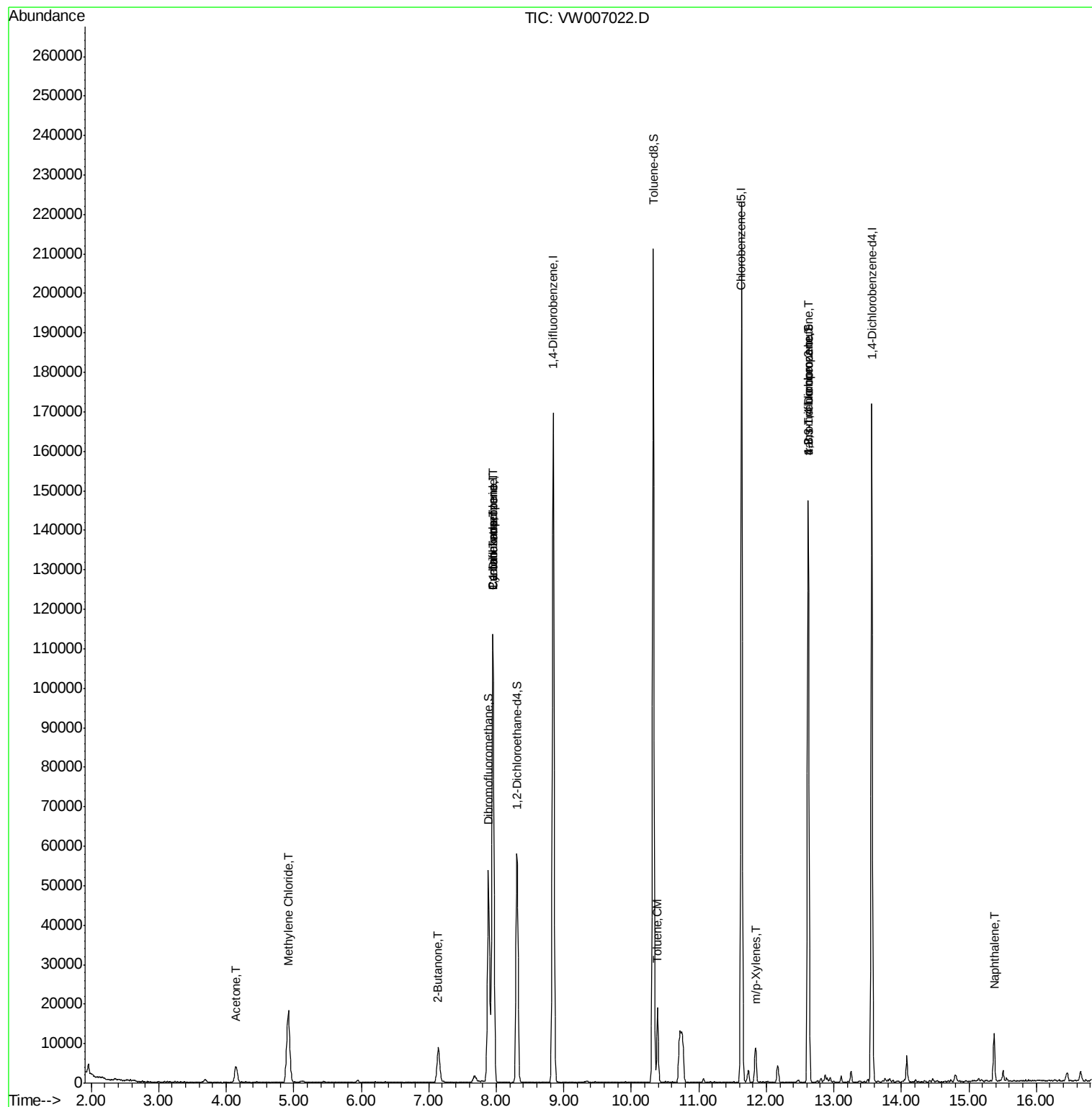
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	8524	69.703	ug/l	99
20) Methylene Chloride	4.92	84	14816	10.990	ug/l	99
25) 2-Butanone	7.15	43	598	2.855	ug/l #	48
31) Cyclohexane	7.95	56	1916	1.181	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	6594	4.577	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8900	6.452	ug/l #	18
52) Toluene	10.39	92	7919	2.992	ug/l	100
68) m/p-Xylenes	11.83	106	2934	1.597	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	23406	65.618	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23406	164.739	ug/l #	10
95) Naphthalene	15.38	128	10338	6.372	ug/l	99

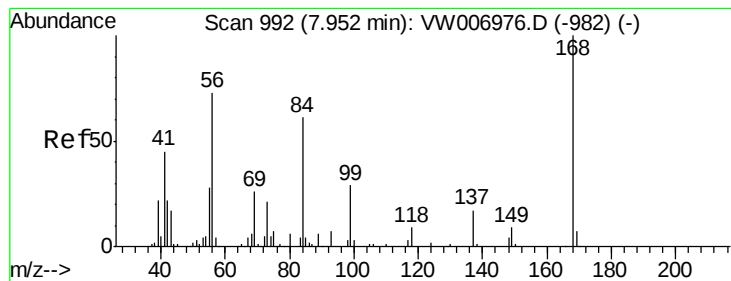
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 04:42:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007022.D

Acq: 22 Nov 2018 02:53

Instrument :

MSVOA_W

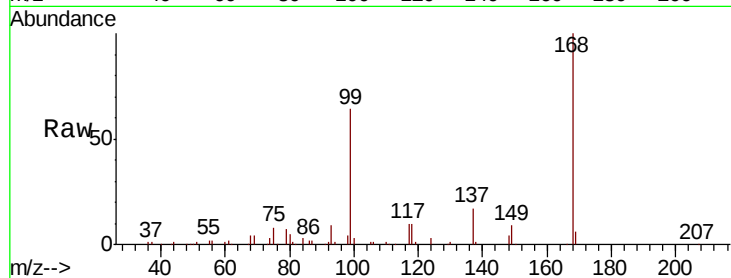
ClientSampleId :

Tot Ion:168 Resp: 86033

Ion Ratio Lower Upper

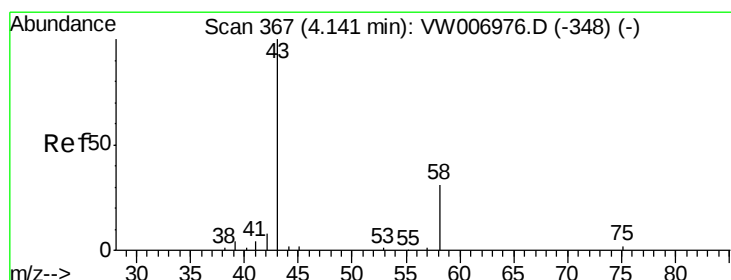
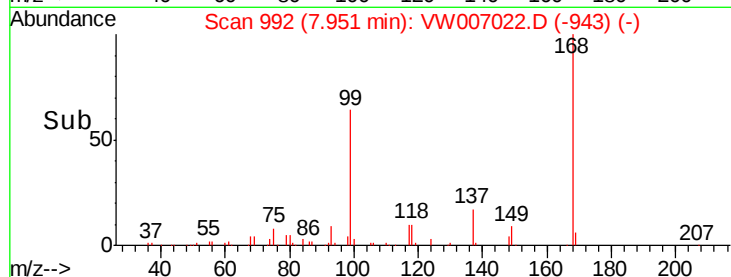
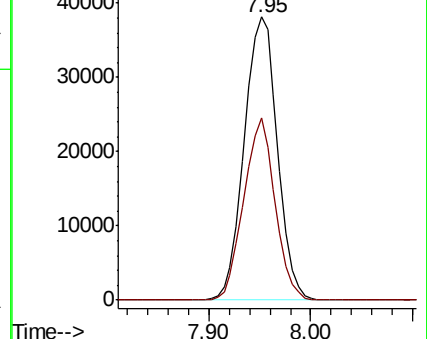
168 100

99 64.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 69.703 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007022.D

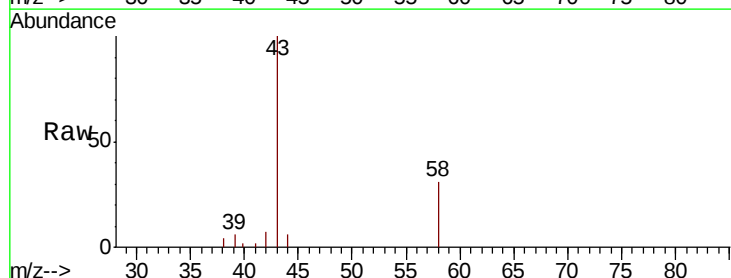
Acq: 22 Nov 2018 02:53

Tgt Ion: 43 Resp: 8524

Ion Ratio Lower Upper

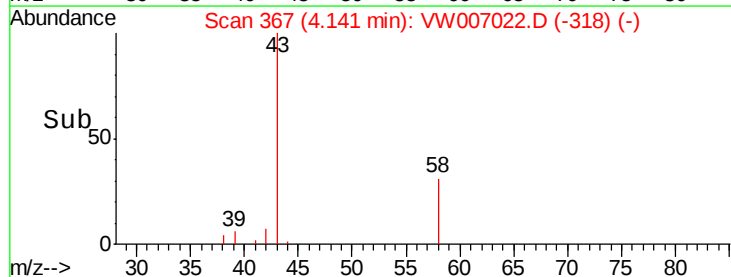
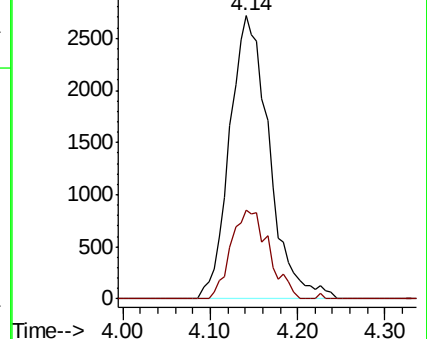
43 100

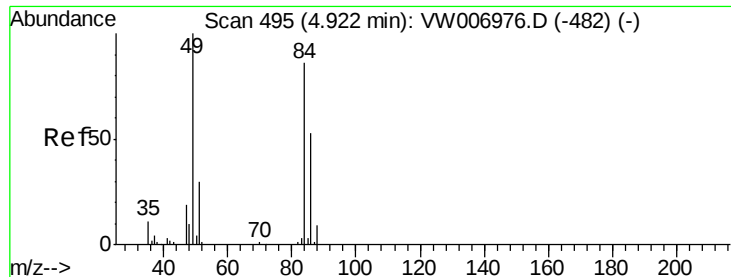
58 31.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

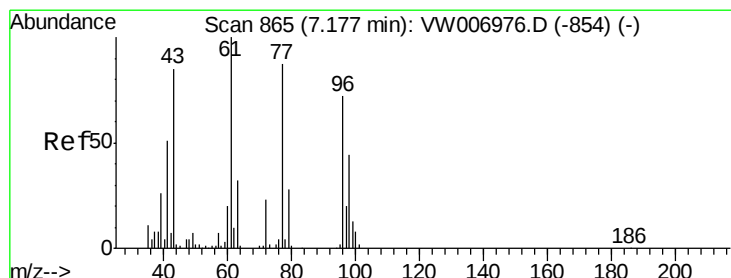
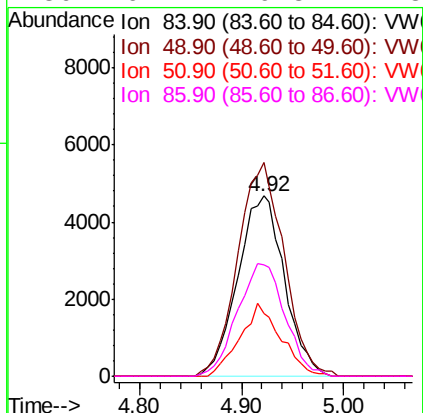
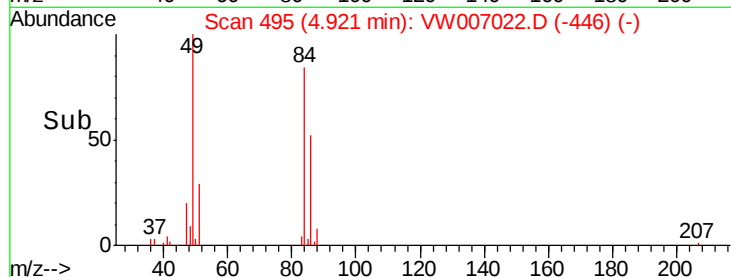
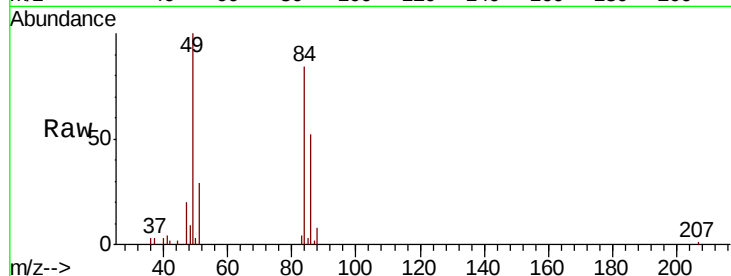




#20
Methvlene Chloride
Concen: 10.990 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

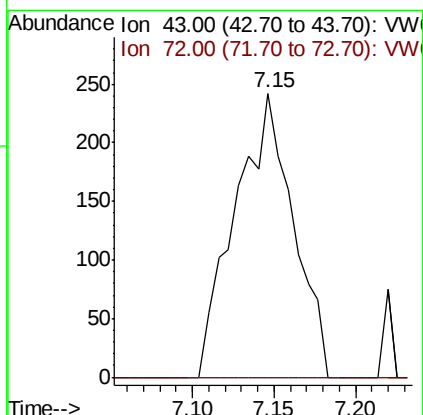
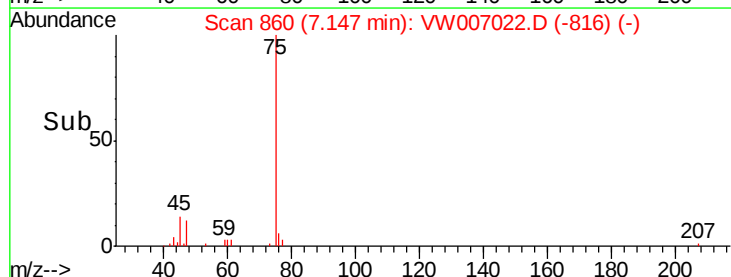
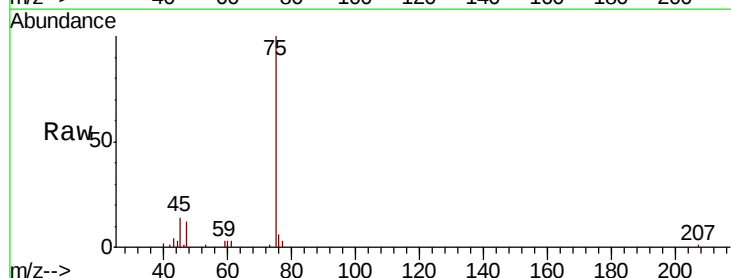
Instrument :
MSVOA_W
ClientSampleId :

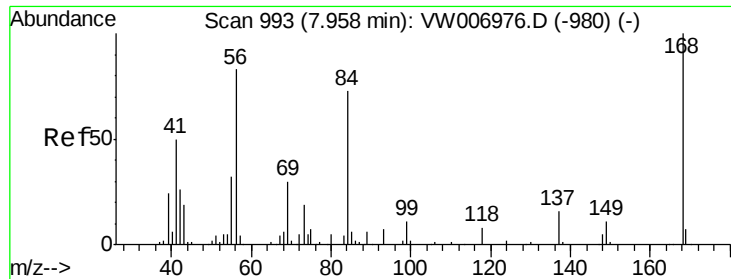
Tot Ion: 84 Resp: 14816
Ion Ratio Lower Upper
84 100
49 118.6 93.4 140.0
51 34.9 28.4 42.6
86 62.2 49.8 74.8



#25
2-Butanone
Concen: 2.855 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#

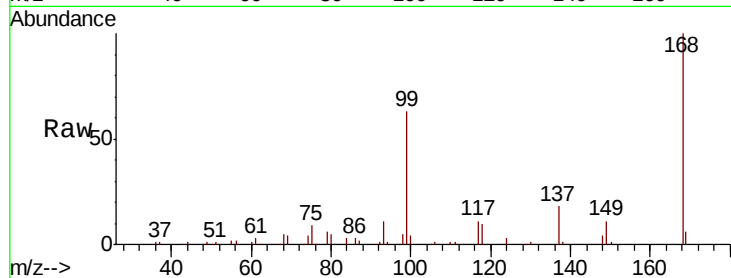




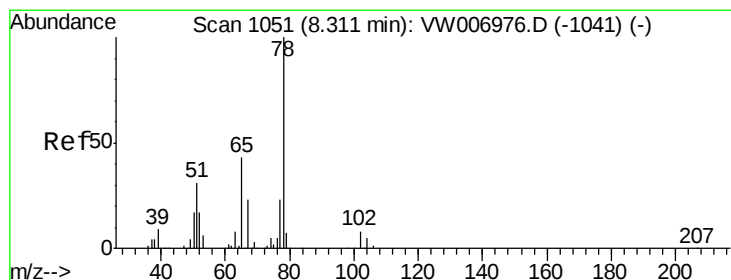
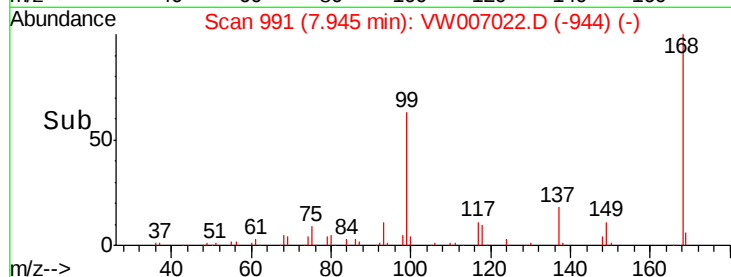
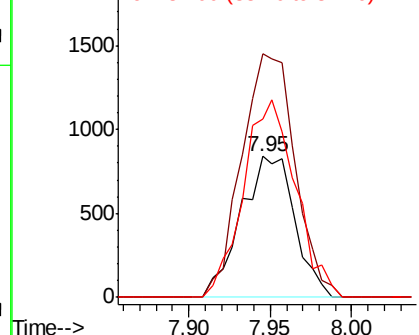
#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1916
Ion Ratio Lower Upper
56 100
69 173.2 29.1 43.7#
84 126.7 70.6 105.8#

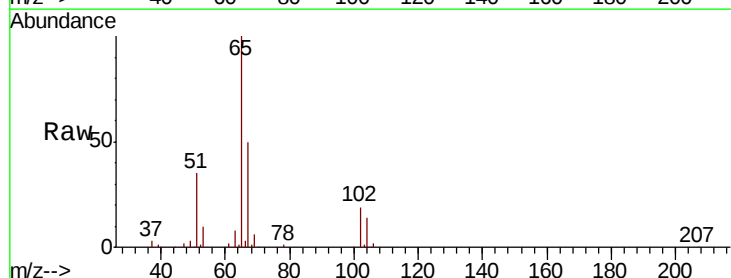


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

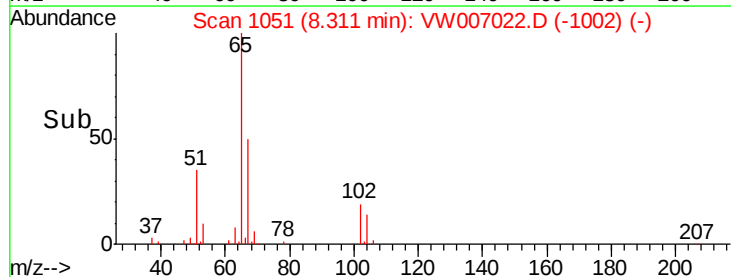
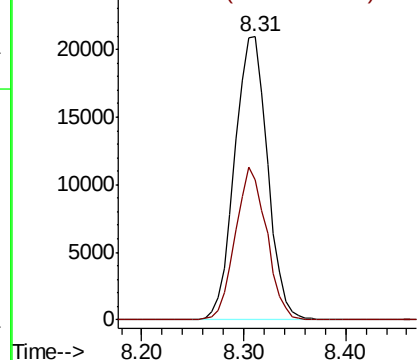


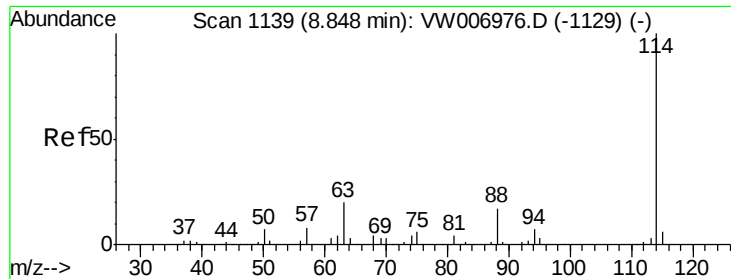
#33
1,2-Dichloroethane-d4
Concen: 55.521 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

Tgt Ion: 65 Resp: 46764
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2



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

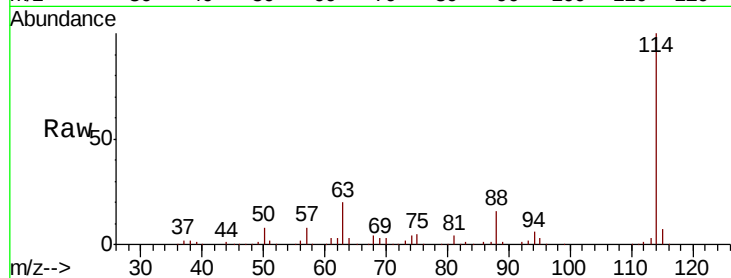




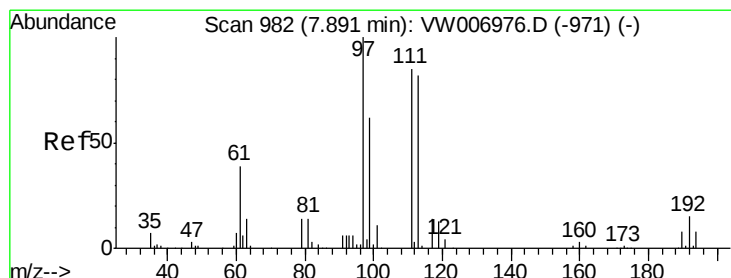
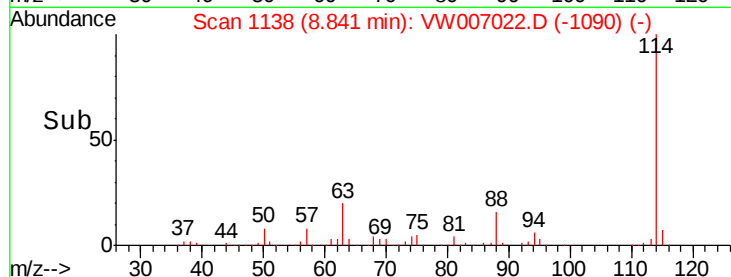
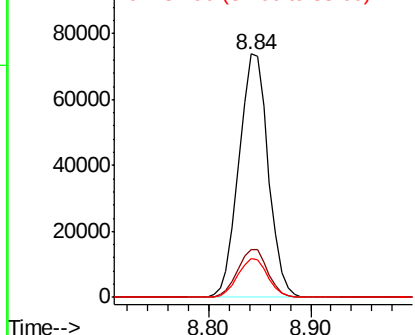
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007022.D
 Acq: 22 Nov 2018 02:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 147421
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.9 0.0 34.2

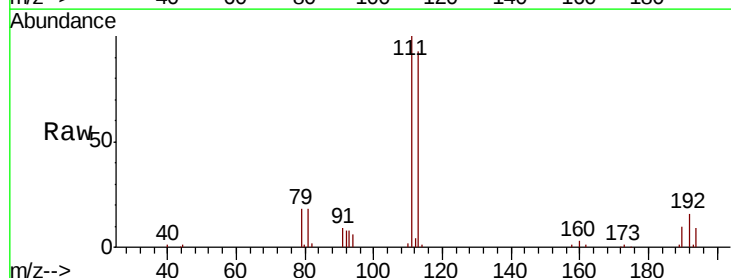


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

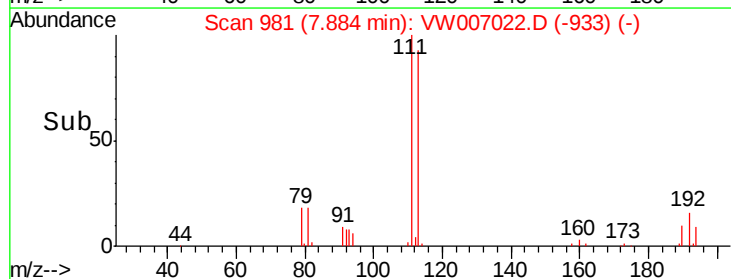
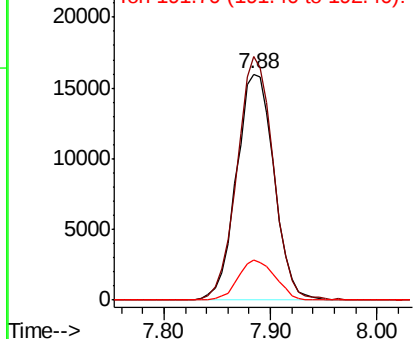


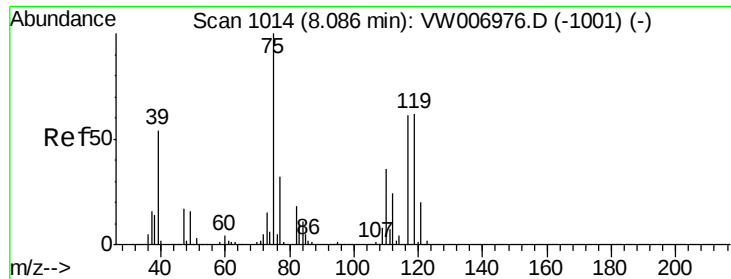
#35
 Dibromofluoromethane
 Concen: 47.569 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007022.D
 Acq: 22 Nov 2018 02:53

Tgt Ion:113 Resp: 39602
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.0 121.6
 192 17.5 15.0 22.6



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

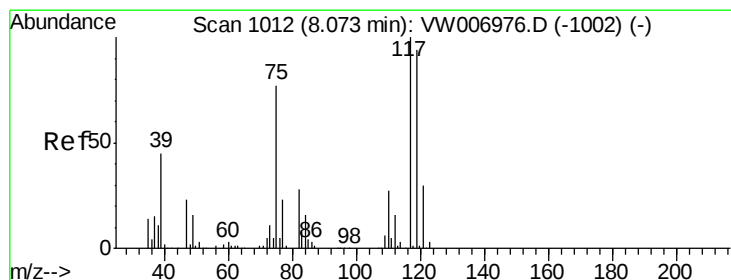
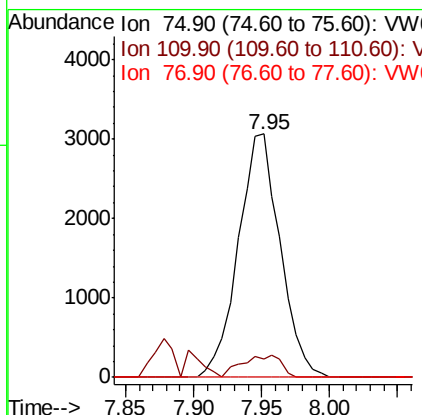
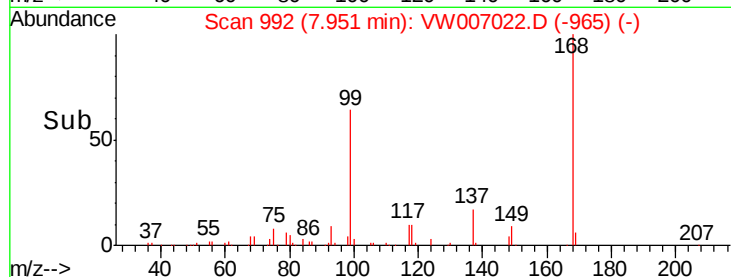
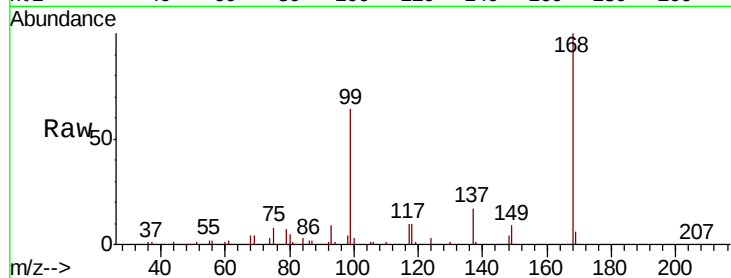




#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007022.D
 Acq: 22 Nov 2018 02:53

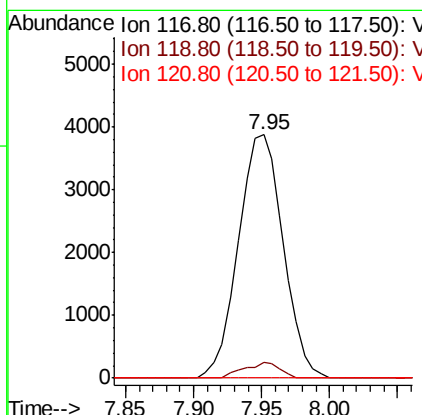
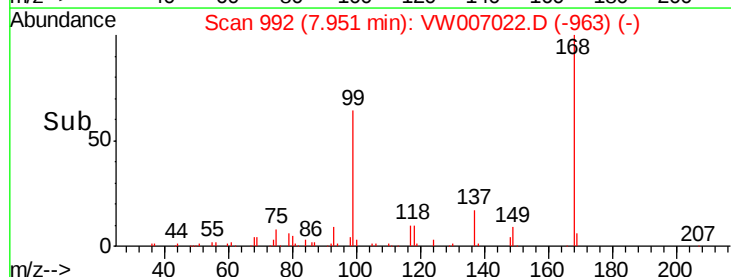
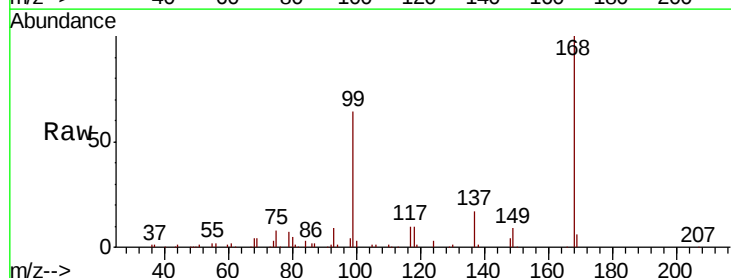
Instrument :
 MSVOA_W
 ClientSampled :

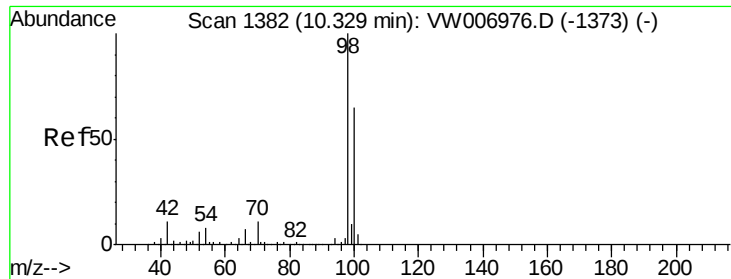
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.452 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007022.D
 Acq: 22 Nov 2018 02:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.9	112.3#
121	0.0	23.6	35.4#

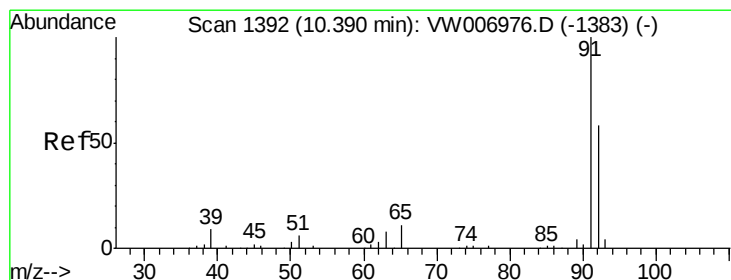
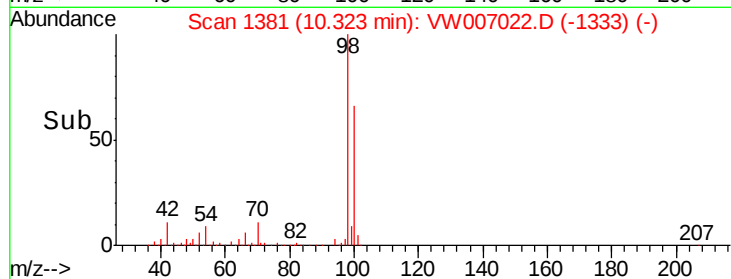
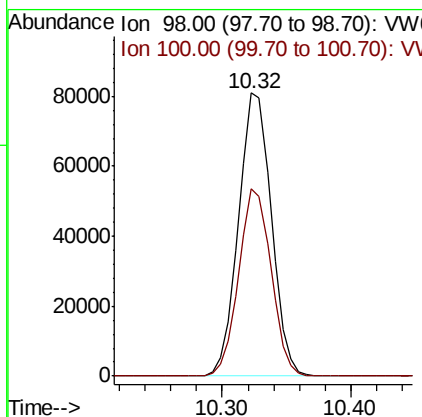
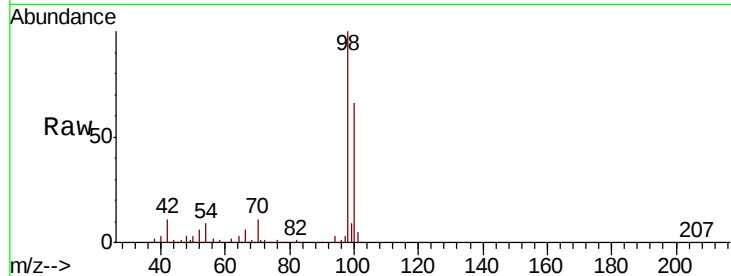




#50
Toluene-d8
Concen: 38.982 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

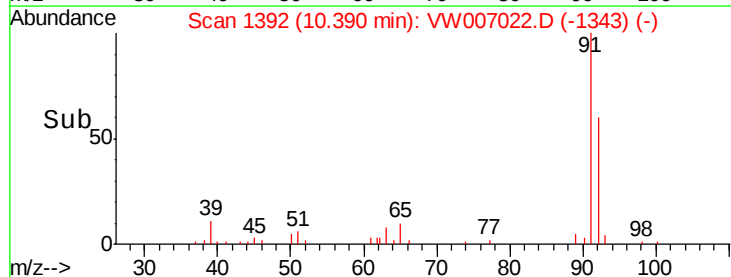
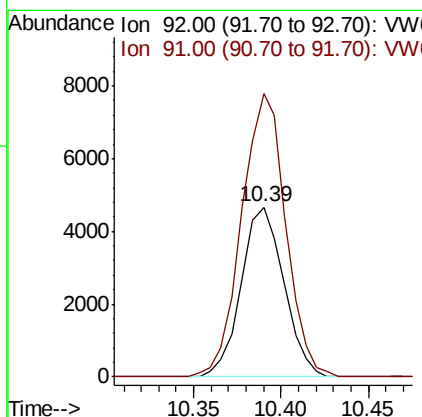
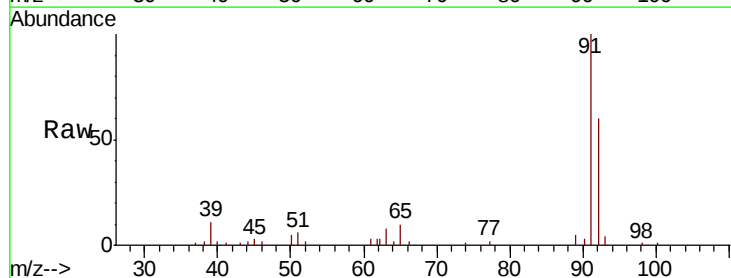
Instrument :
MSVOA_W
ClientSampleId :

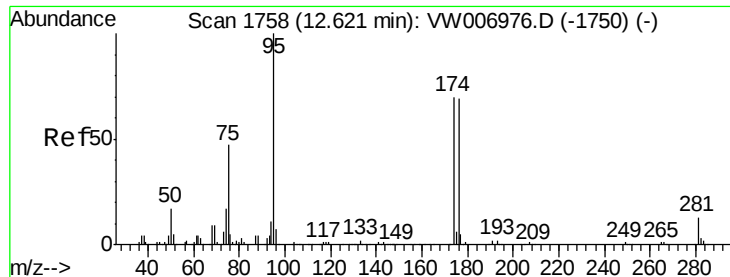
Tot Ion: 98 Resp: 143312
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#52
Toluene
Concen: 2.992 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

Tgt Ion: 92 Resp: 7919
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 33.089 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007022.D

Acq: 22 Nov 2018 02:53

Instrument :

MSVOA_W

ClientSampleId :

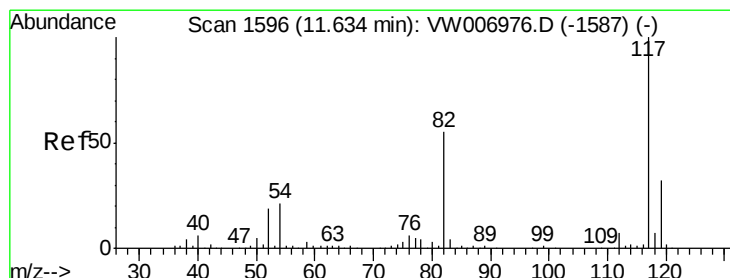
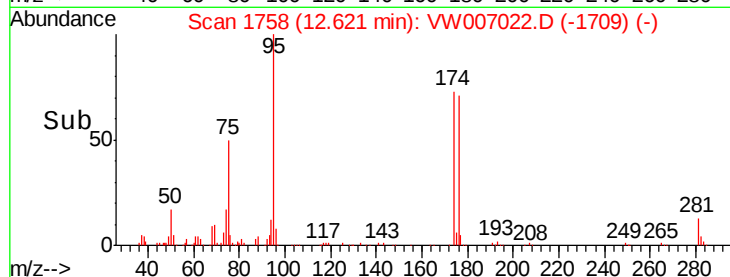
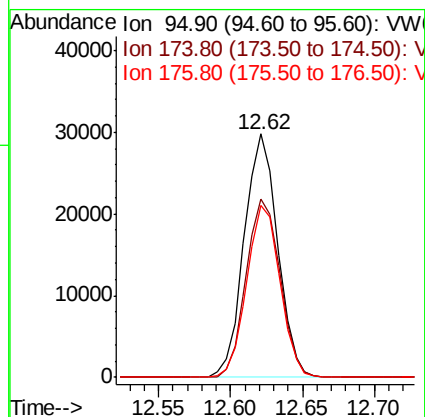
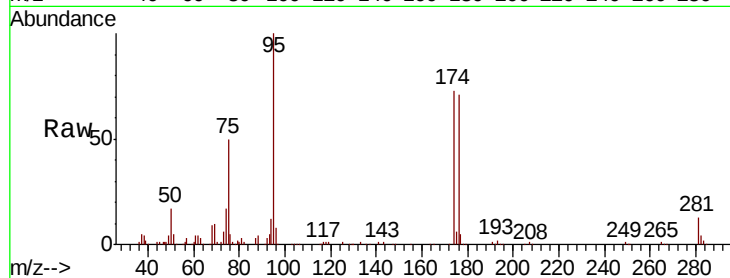
Tot Ion: 95 Resp: 47870

Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.6

176 70.1 0.0 140.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007022.D

Acq: 22 Nov 2018 02:53

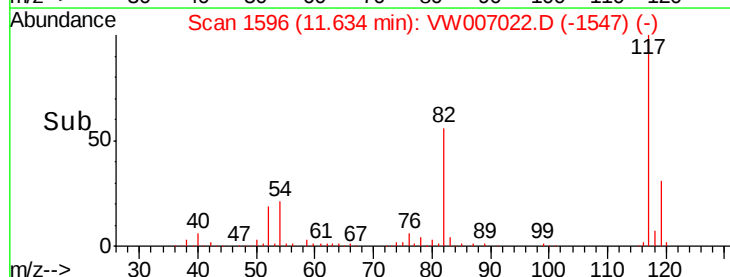
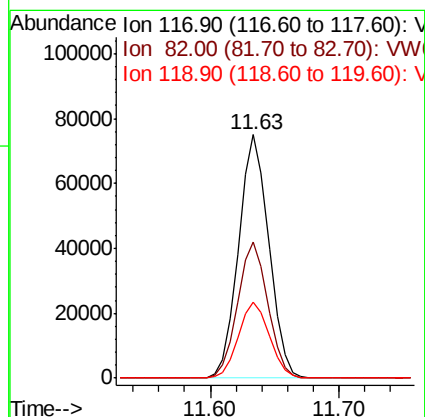
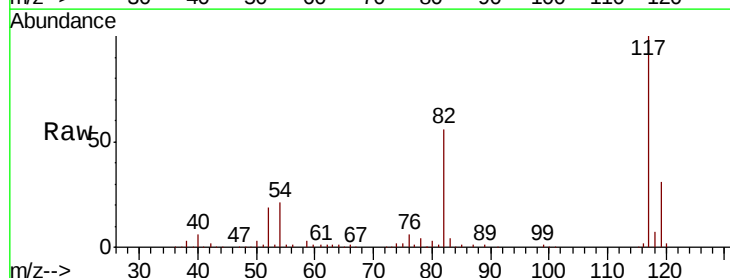
Tgt Ion: 117 Resp: 122120

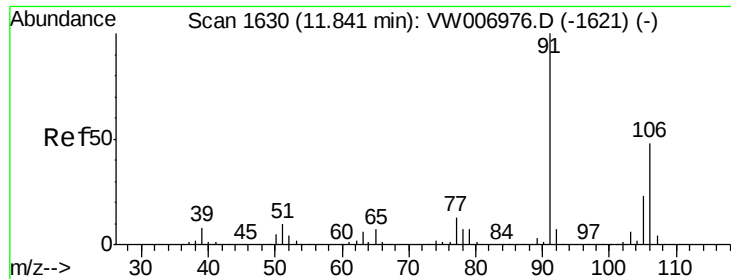
Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 31.2 25.9 38.9

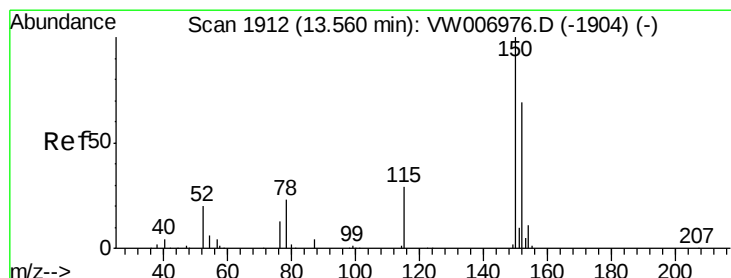
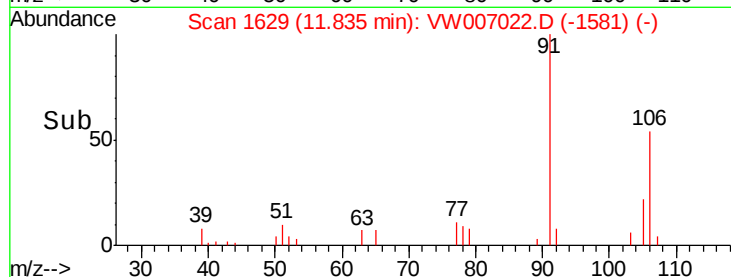
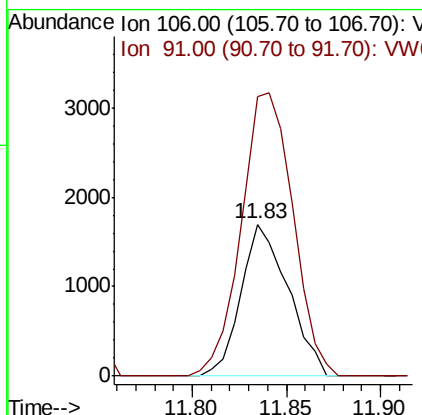
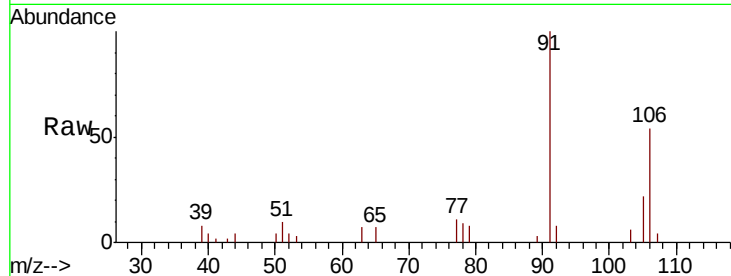




#68
m/p-Xvlenes
Concen: 1.597 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

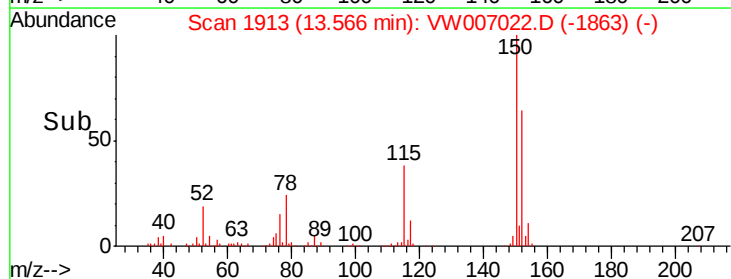
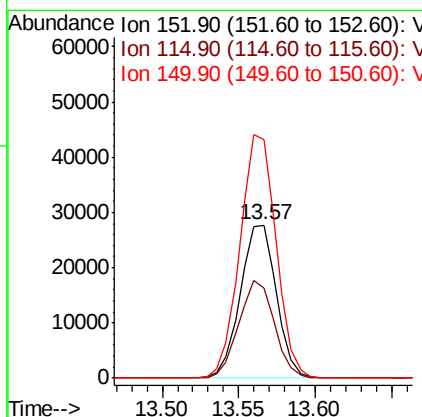
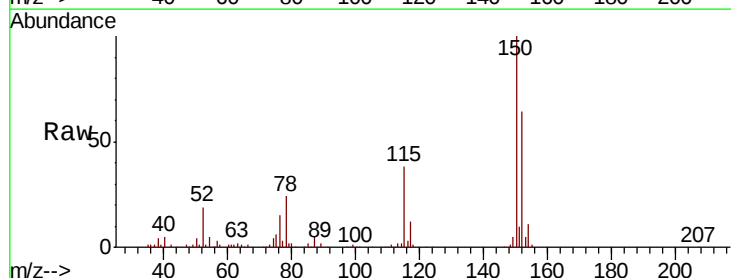
Instrument :
MSVOA_W
ClientSampleId :

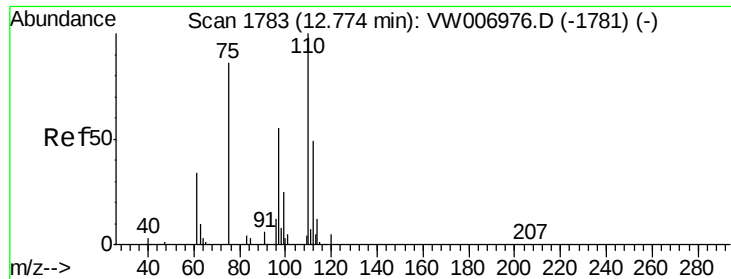
Tot Ion:106 Resp: 2934
Ion Ratio Lower Upper
106 100
91 205.3 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007022.D
Acq: 22 Nov 2018 02:53

Tgt Ion:152 Resp: 45394
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 159.3 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 65.618 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007022.D

Acq: 22 Nov 2018 02:53

Instrument :

MSVOA_W

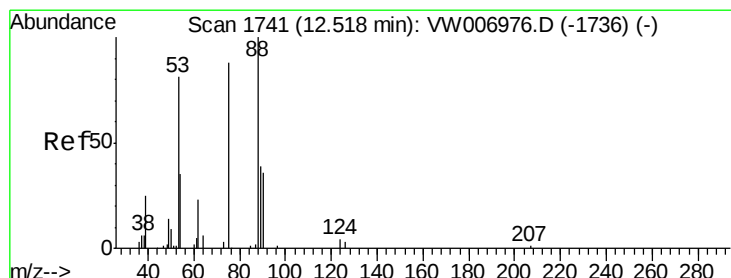
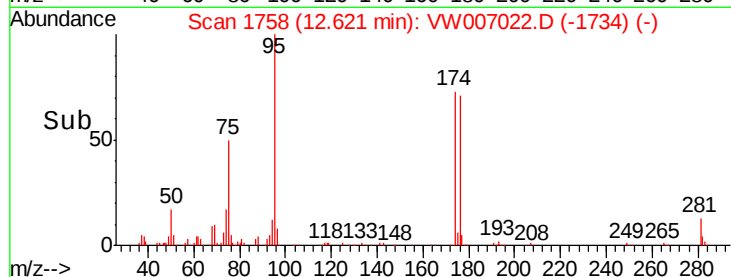
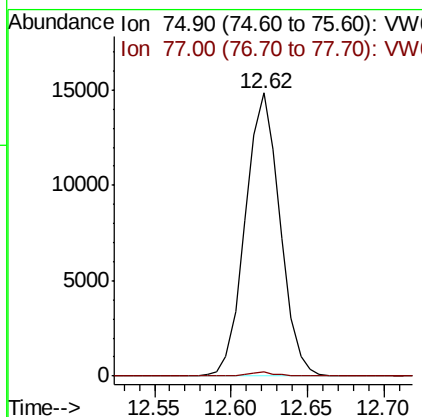
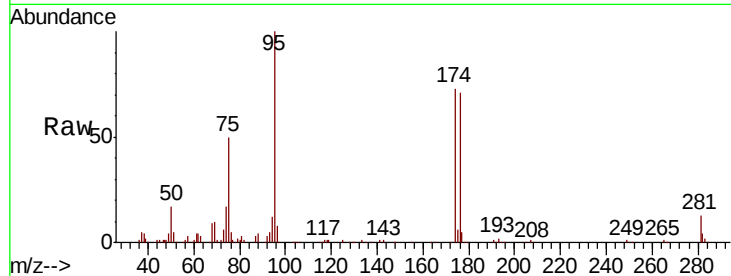
ClientSampleId :

Tot Ion: 75 Resp: 23406

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 164.739 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007022.D

Acq: 22 Nov 2018 02:53

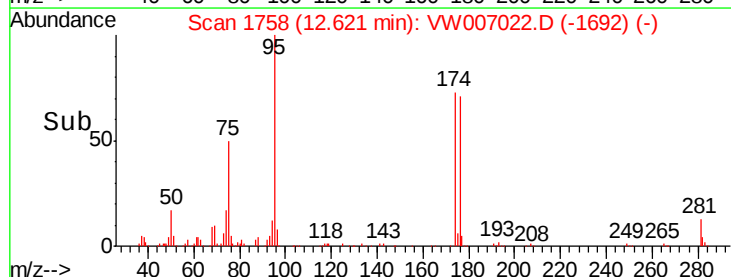
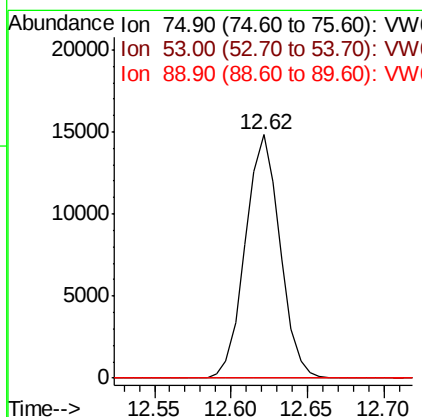
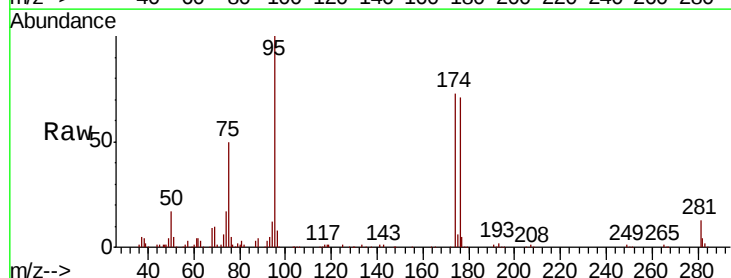
Tgt Ion: 75 Resp: 23406

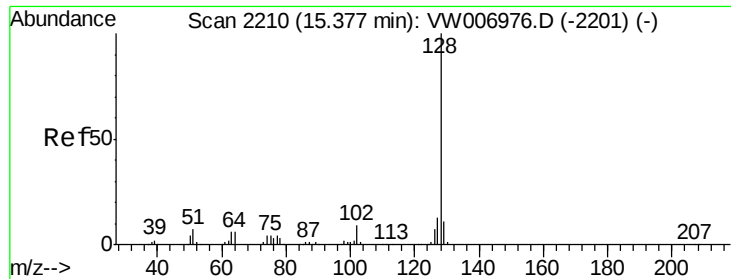
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#

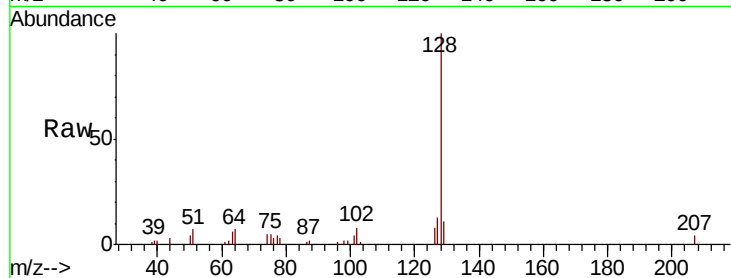




#95
 Naphthalene
 Concen: 6.372 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007022.D
 Acq: 22 Nov 2018 02:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	11.1	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

