

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007011.D
 Acq On : 21 Nov 2018 20:06
 Operator : VAY/AP
 Sample : J60006-03
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:39:13 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	70719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60483	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	45586	65.84	ug/l	0.00
Spiked Amount	50.000			Recovery	=	131.68%	
35) Dibromofluoromethane		7.88	113	36523	45.50	ug/l	0.00
Spiked Amount	50.000			Recovery	=	91.00%	
50) Toluene-d8		10.32	98	146757	41.40	ug/l	0.00
Spiked Amount	50.000			Recovery	=	82.80%	
62) 4-Bromofluorobenzene		12.62	95	57252	41.04	ug/l	0.00
Spiked Amount	50.000			Recovery	=	82.08%	

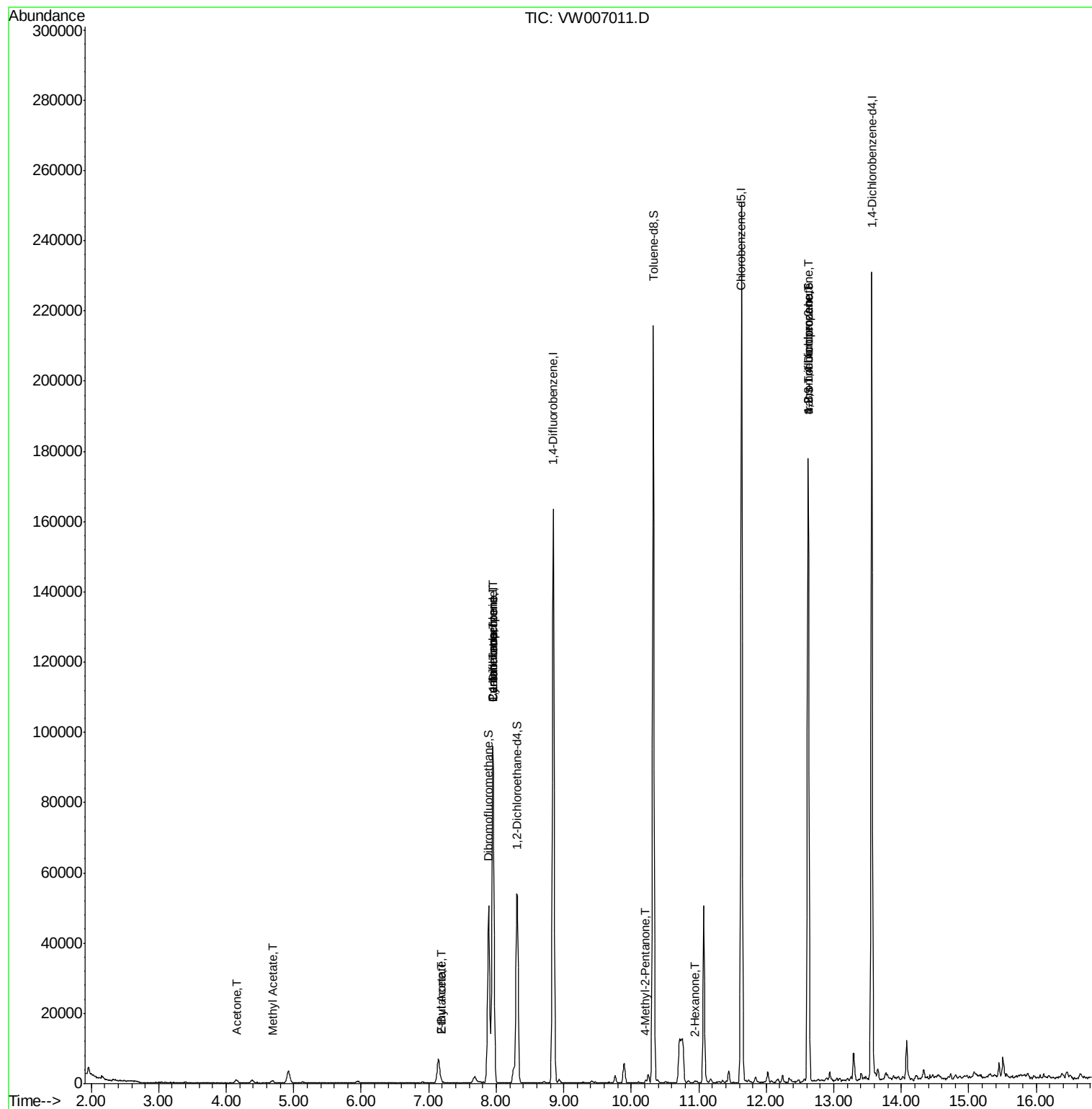
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1902	18.921	ug/l	93
18) Methyl Acetate	4.69	43	1399	3.908	ug/l #	82
20) Methylene Chloride	4.92	84	2792	Below Cal		89
25) 2-Butanone	7.19	43	924	5.367	ug/l #	81
31) Cyclohexane	7.96	56	1469	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5542	3.990	ug/l #	50
37) Ethyl Acetate	7.19	43	924	1.836	ug/l #	69
38) Carbon Tetrachloride	7.95	117	7291	5.481	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	747	1.541	ug/l #	86
59) 2-Hexanone	10.94	43	535	1.612	ug/l #	24
76) 1,2,3-Trichloropropane	12.62	75	27868	58.636	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27868	147.211	ug/l #	10

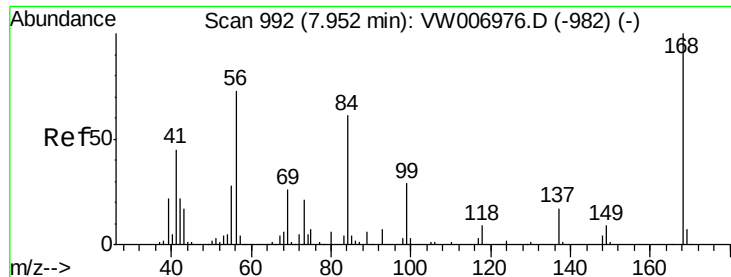
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007011.D

Acq: 21 Nov 2018 20:06

Instrument :

MSVOA_W

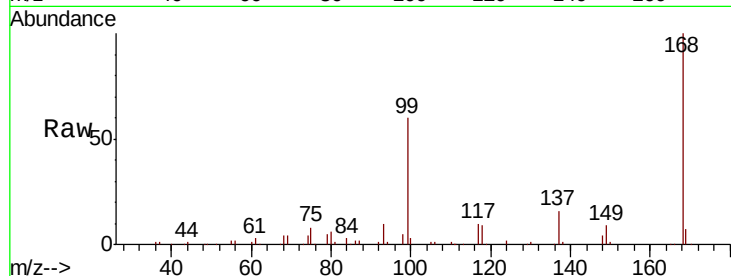
ClientSampleId :

Tot Ion:168 Resp: 70719

Ion Ratio Lower Upper

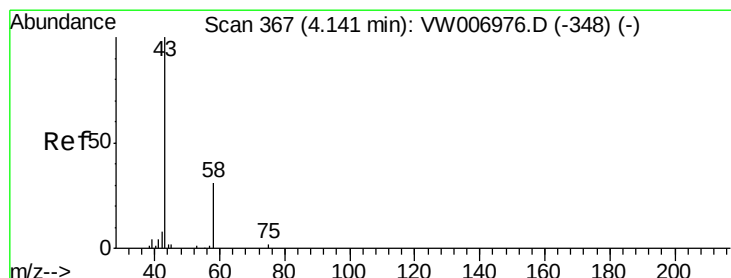
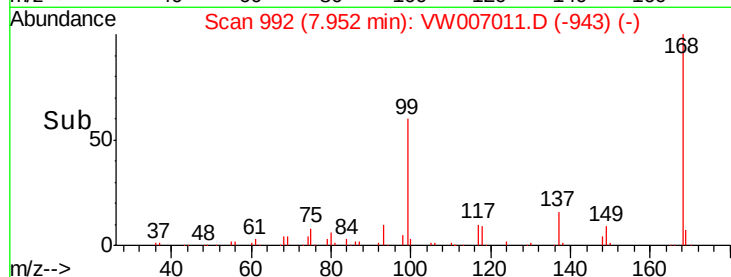
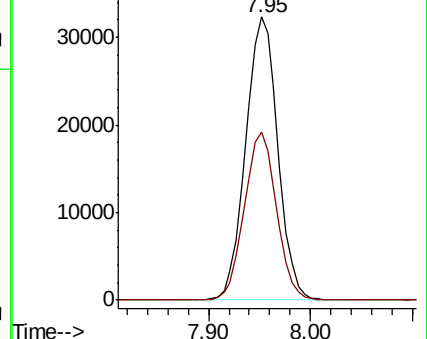
168 100

99 59.5 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: 18.921 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW007011.D

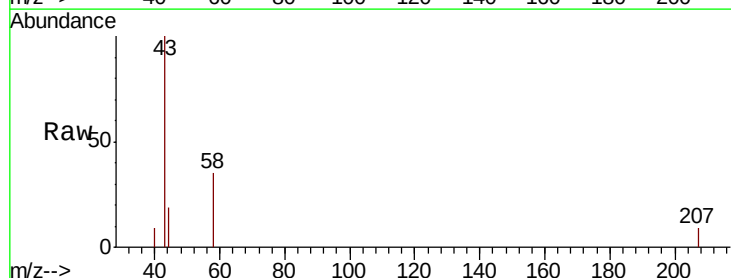
Acq: 21 Nov 2018 20:06

Tgt Ion: 43 Resp: 1902

Ion Ratio Lower Upper

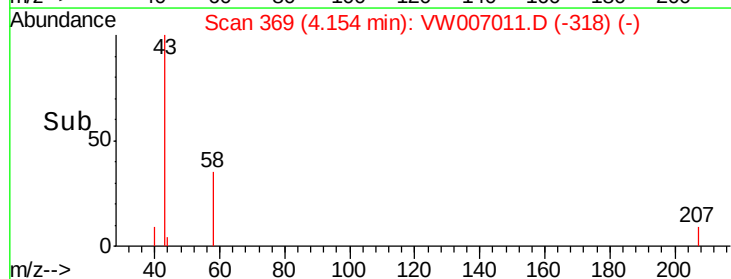
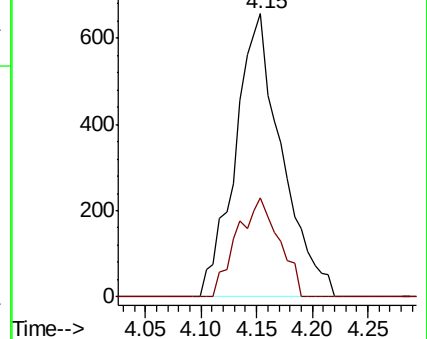
43 100

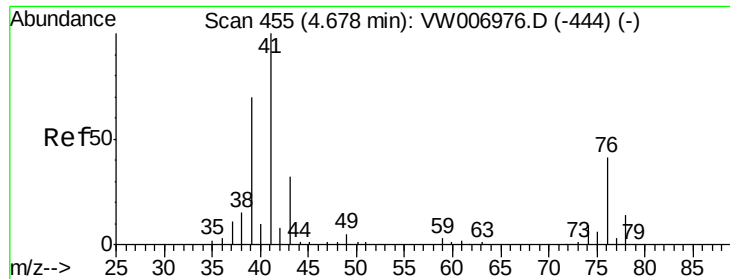
58 34.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

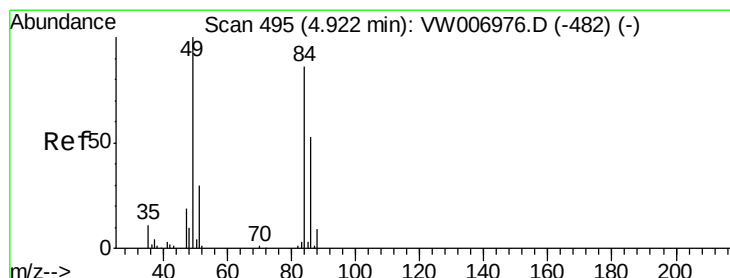
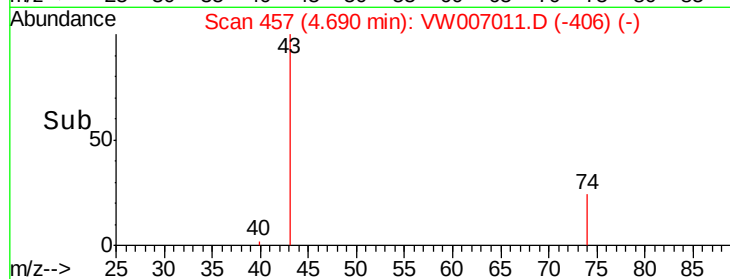
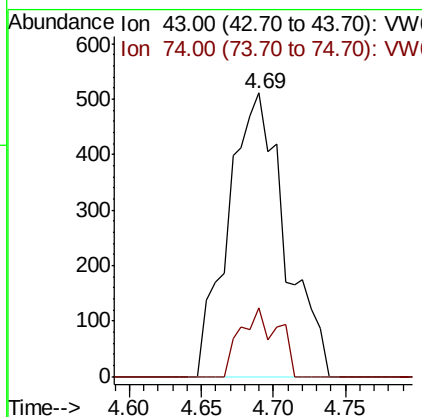
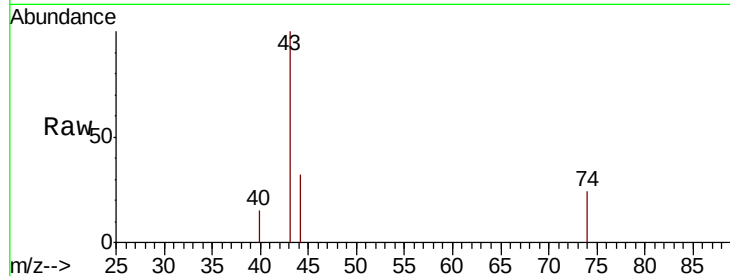




#18
Methvl Acetate
Concen: 3.908 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

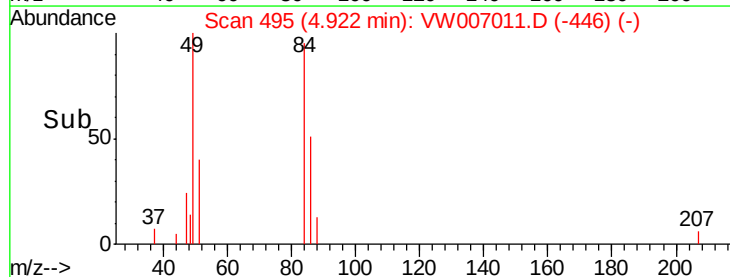
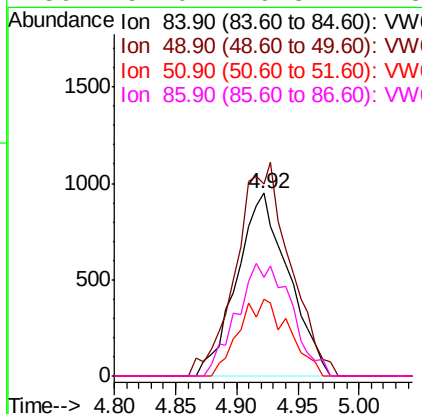
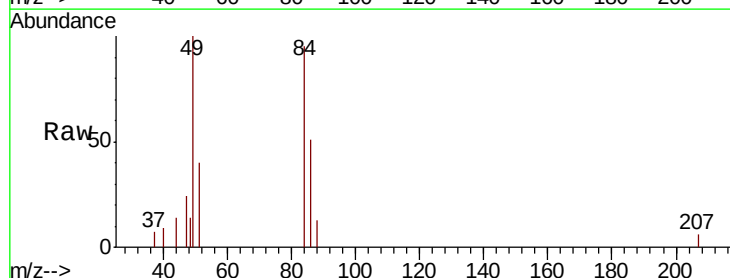
Instrument :
MSVOA_W
ClientSampleId :

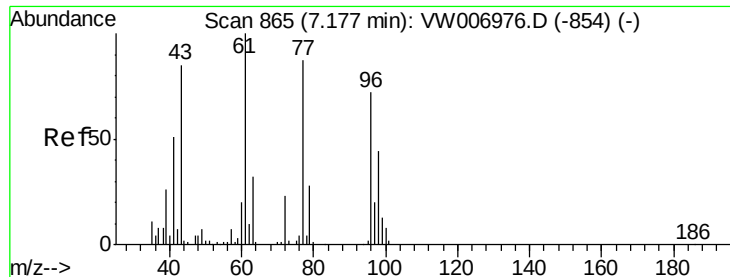
Tot Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
74 16.1 20.1 30.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

Tgt Ion: 84 Resp: 2792
Ion Ratio Lower Upper
84 100
49 105.3 93.4 140.0
51 41.8 28.4 42.6
86 54.0 49.8 74.8





#25

2-Butanone

Concen: 5.367 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

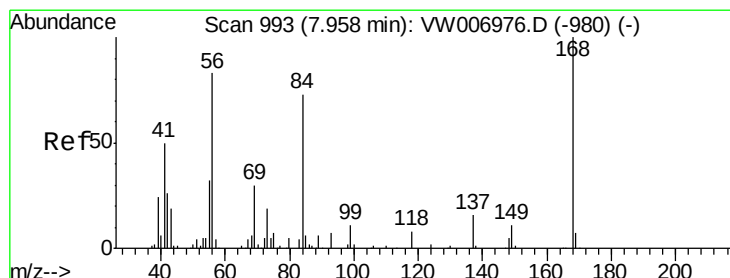
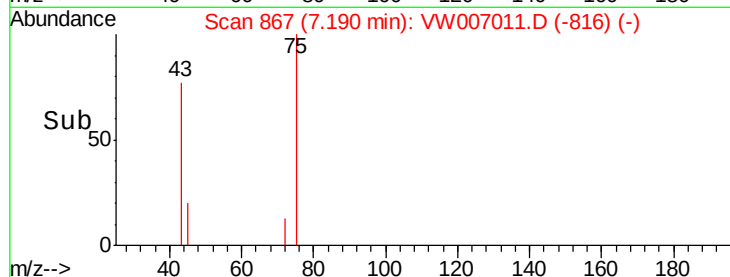
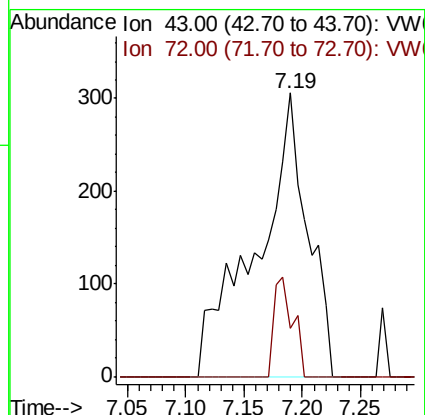
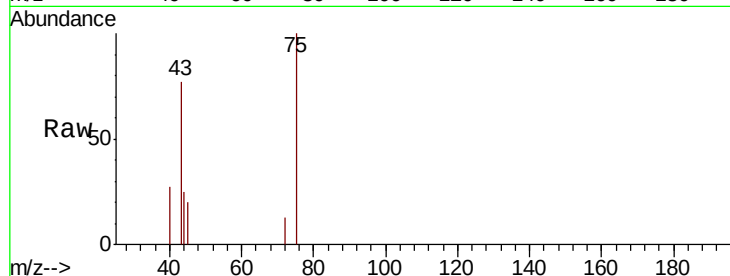
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

72 17.0 21.3 31.9#



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

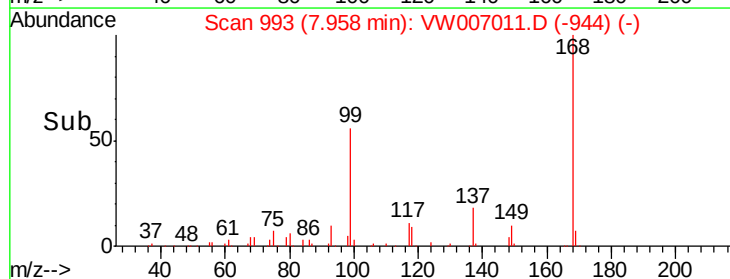
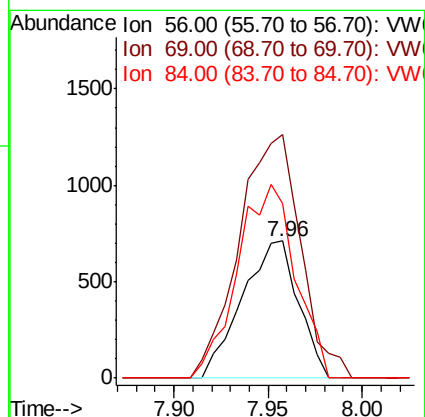
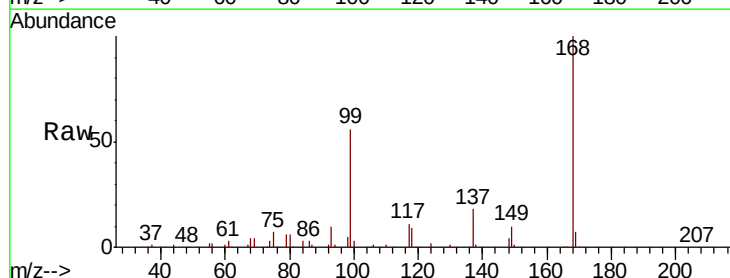
Tgt Ion: 56 Resp: 1469

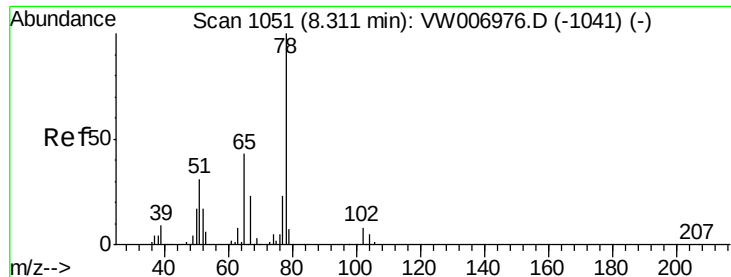
Ion Ratio Lower Upper

56 100

69 177.6 29.1 43.7#

84 127.0 70.6 105.8#

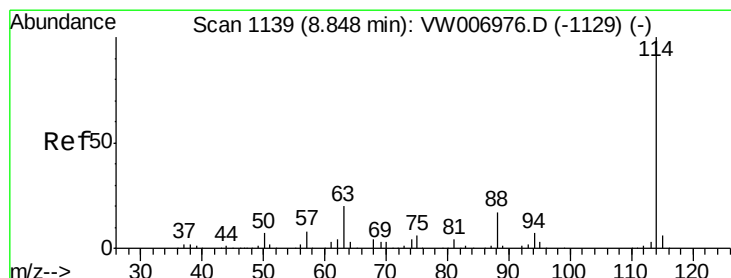
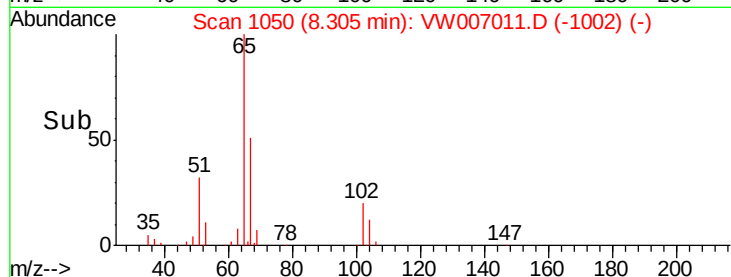
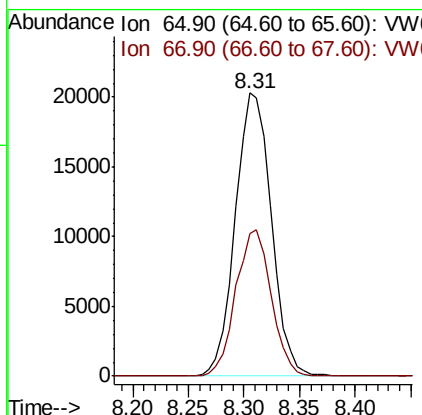
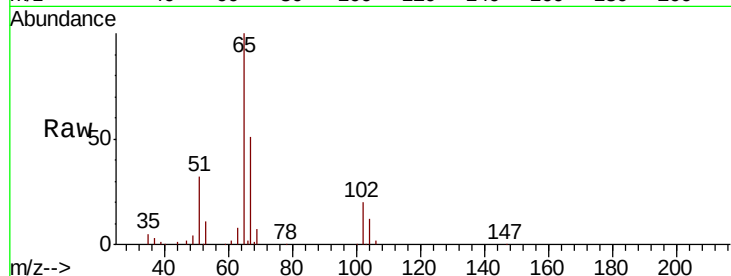




#33
 1,2-Dichloroethane-d4
 Concen: 65.842 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007011.D
 Acq: 21 Nov 2018 20:06

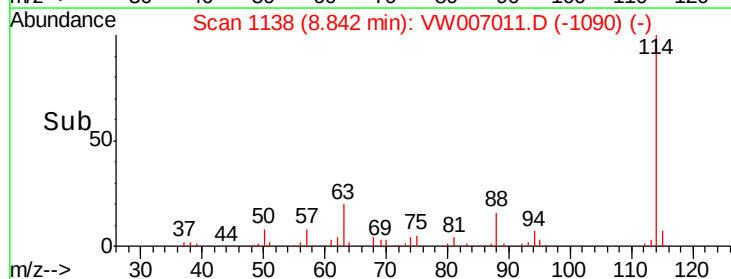
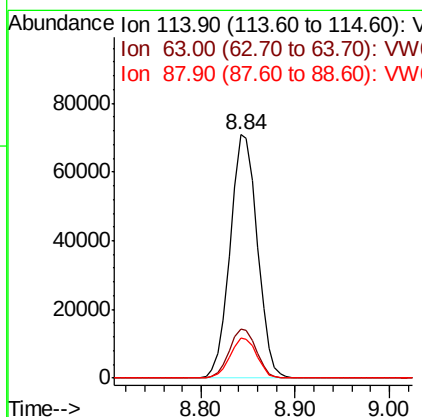
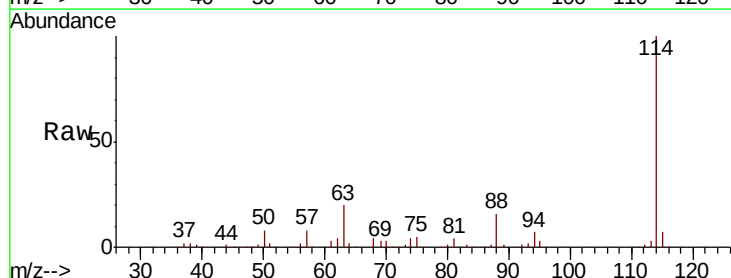
Instrument :
 MSVOA_W
 ClientSampleId :

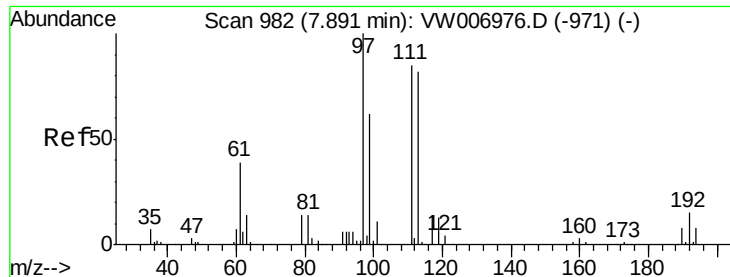
Tot Ion: 65 Resp: 45586
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007011.D
 Acq: 21 Nov 2018 20:06

Tgt Ion: 114 Resp: 142148
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 16.5 0.0 34.2

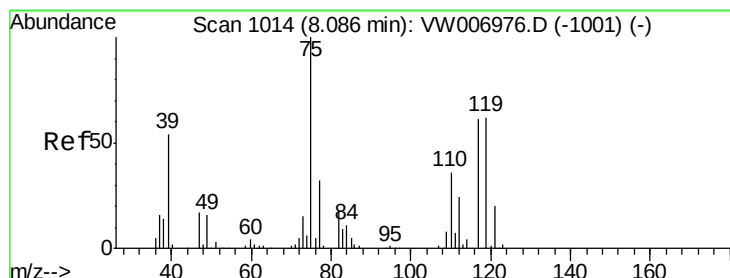
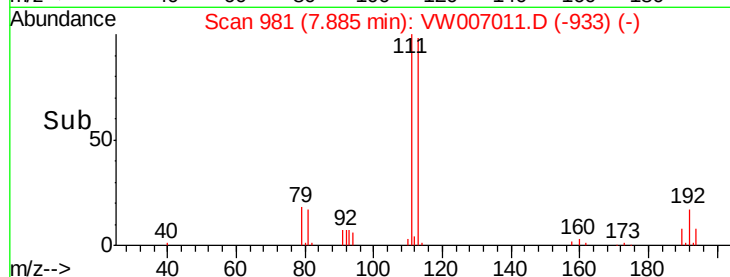
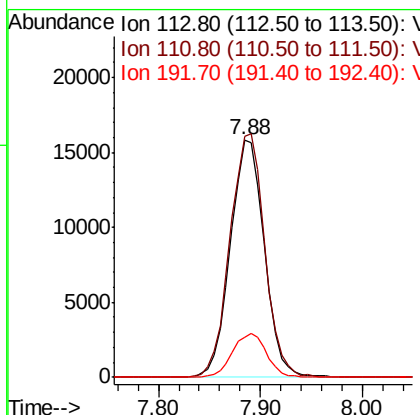
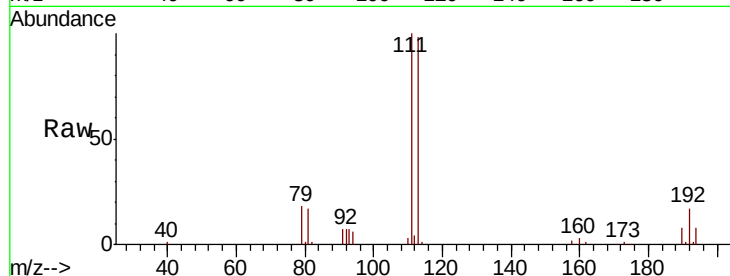




#35
 Dibromofluoromethane
 Concen: 45.498 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007011.D
 Acq: 21 Nov 2018 20:06

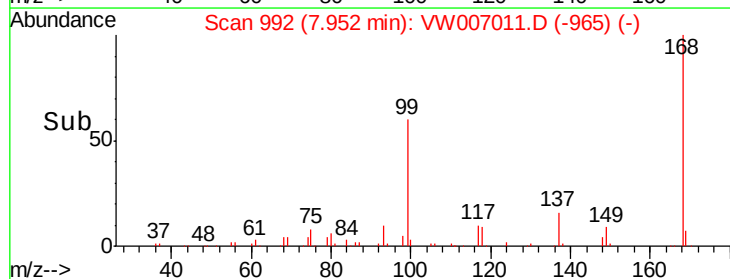
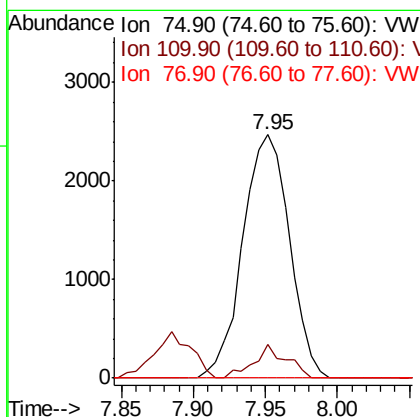
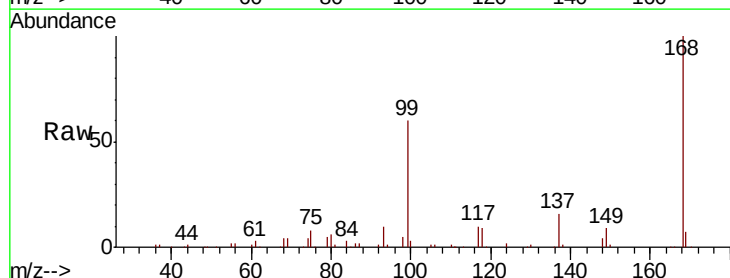
Instrument :
 MSVOA_W
 ClientSampleId :

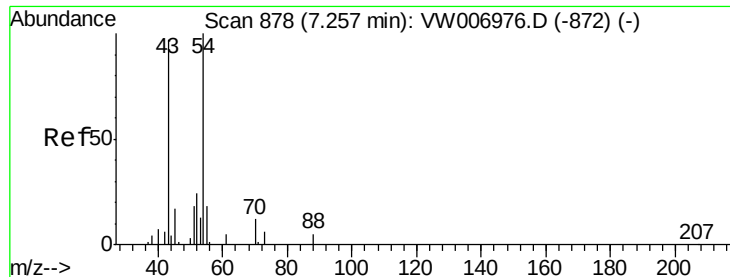
Tot Ion:113 Resp: 36523
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 18.5 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.990 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007011.D
 Acq: 21 Nov 2018 20:06

Tgt Ion: 75 Resp: 5542
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.0 54.0#
 77 0.0 24.9 37.3#

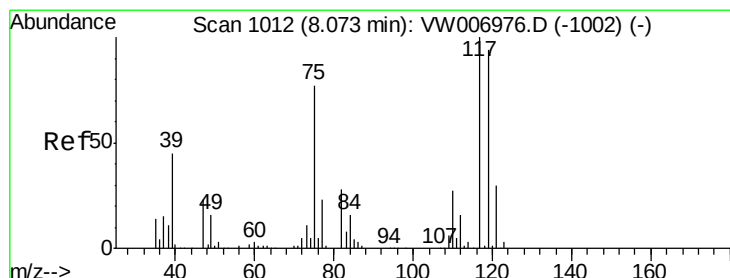
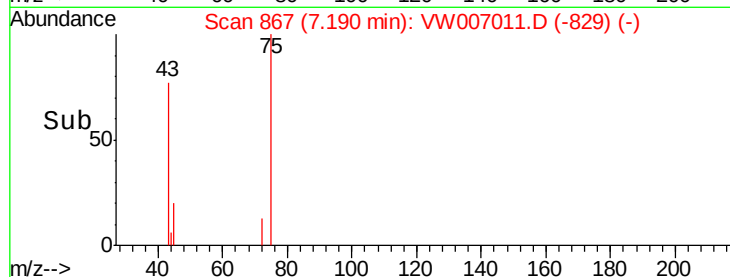
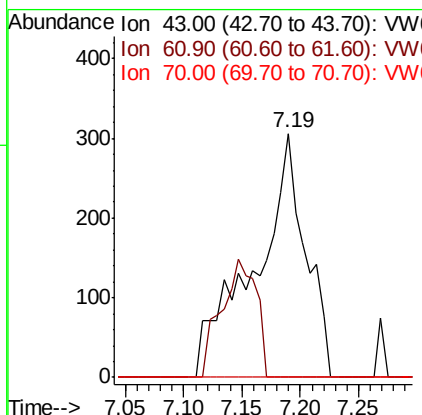
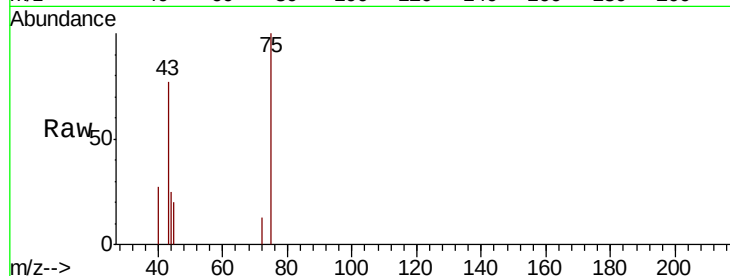




#37
Ethyl Acetate
Concen: 1.836 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

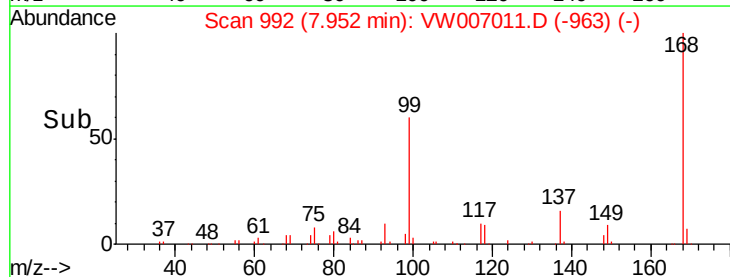
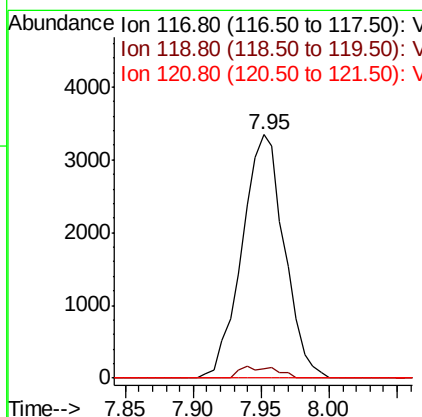
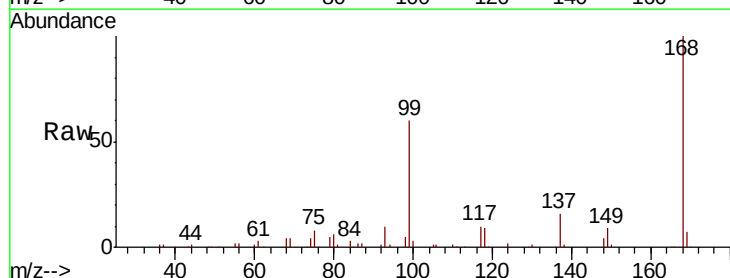
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ClientSampleId :

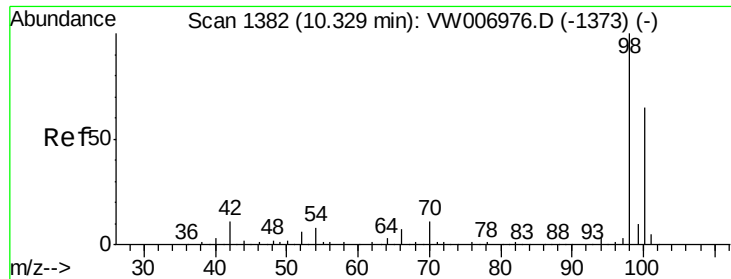
Tot Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

Tgt Ion: 117 Resp: 7291
Ion Ratio Lower Upper
117 100
119 4.0 74.9 112.3#
121 0.0 23.6 35.4#

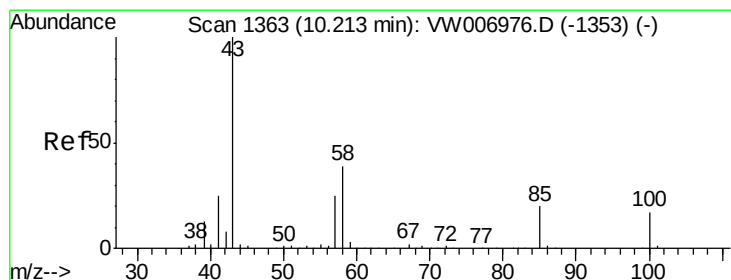
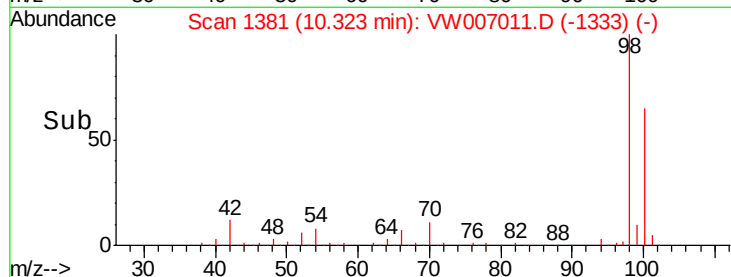
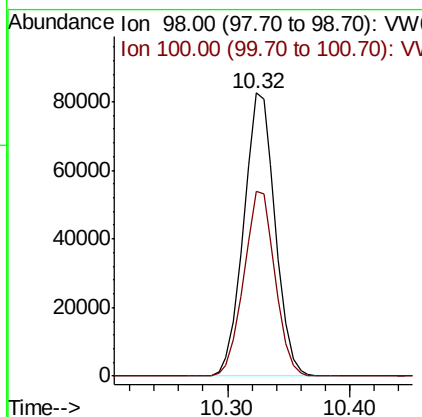
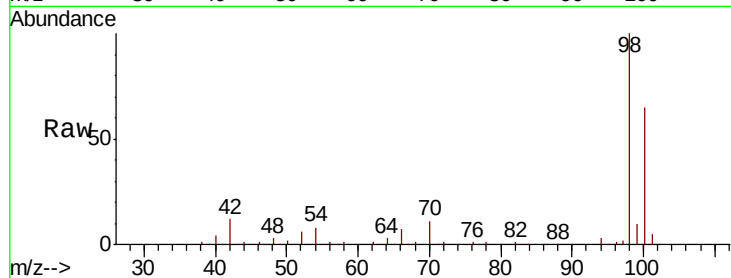




#50
Toluene-d8
Concen: 41.400 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

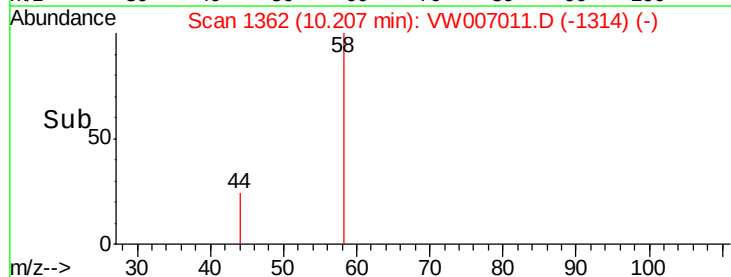
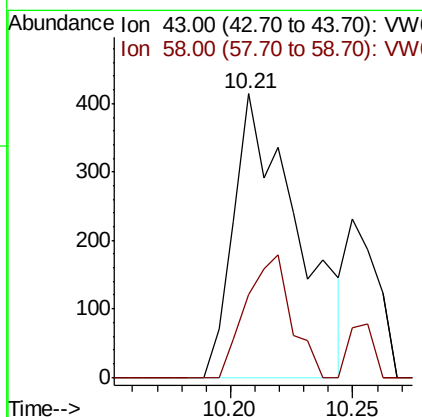
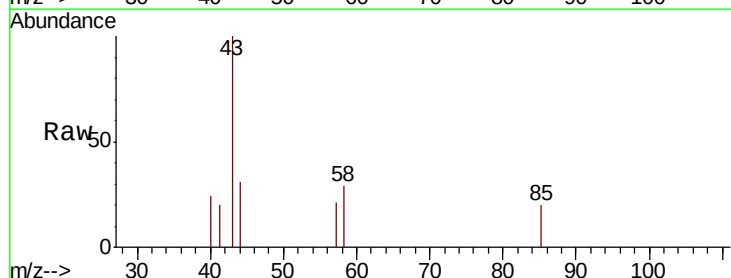
Instrument :
MSVOA_W
ClientSampleId :

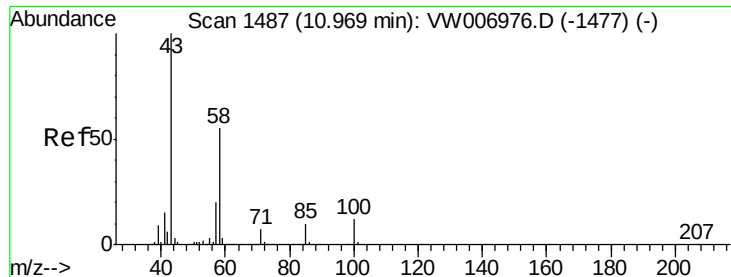
Tot Ion: 98 Resp: 146757
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.541 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 30.8 31.8 47.6#





#59

2-Hexanone

Concen: 1.612 ug/l

RT: 10.94 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

Instrument :

MSVOA_W

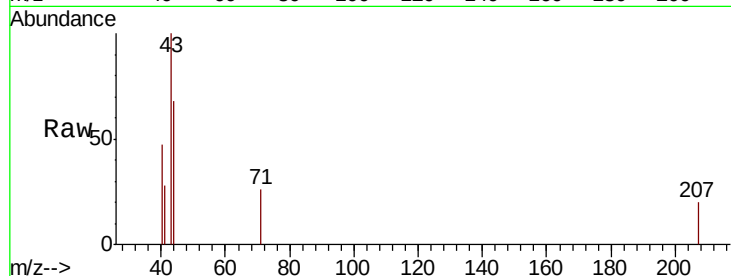
ClientSampleId :

Tot Ion: 43 Resp: 535

Ion Ratio Lower Upper

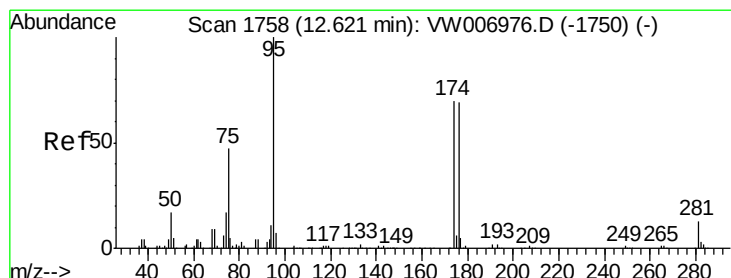
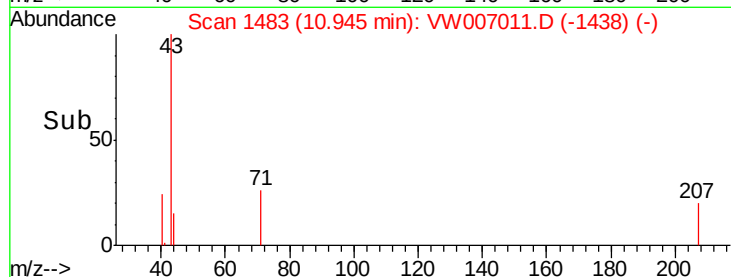
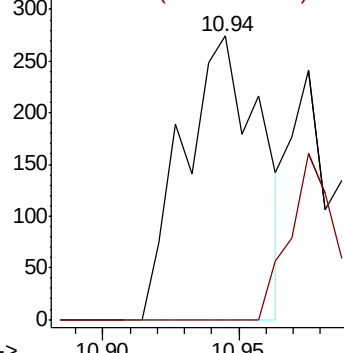
43 100

58 0.0 27.3 81.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 41.043 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

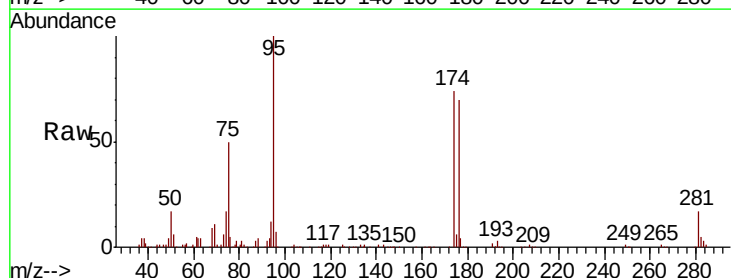
Tgt Ion: 95 Resp: 57252

Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.6

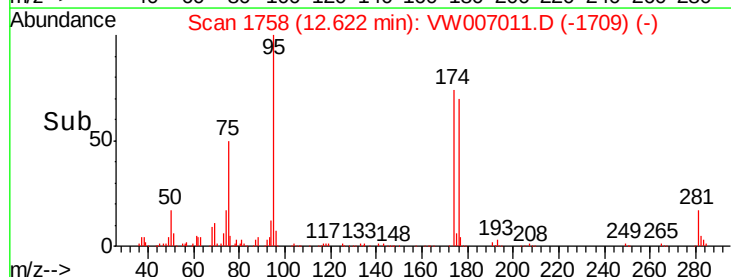
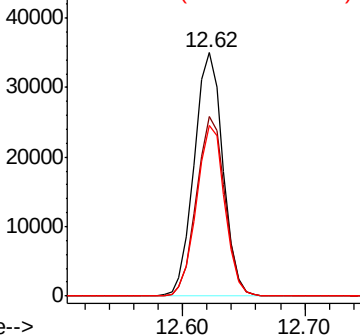
176 69.1 0.0 140.4

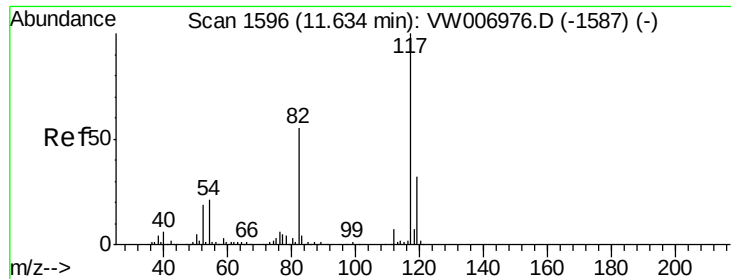


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

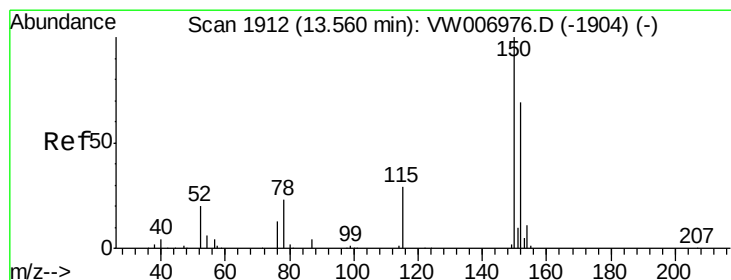
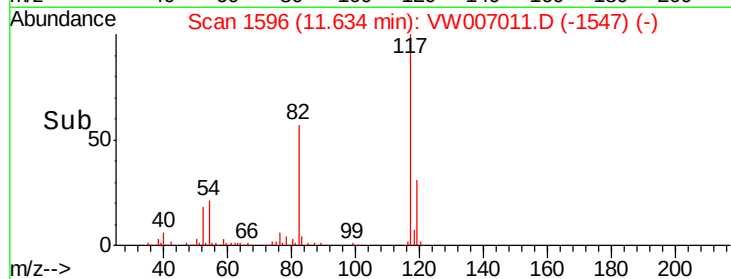
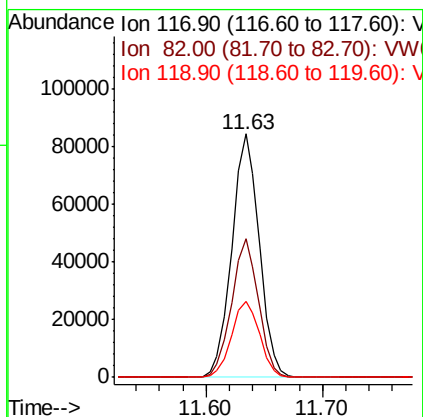
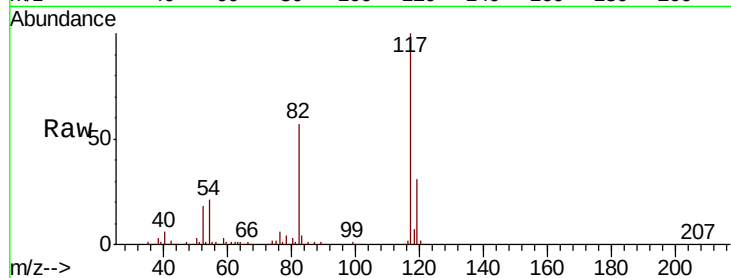




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

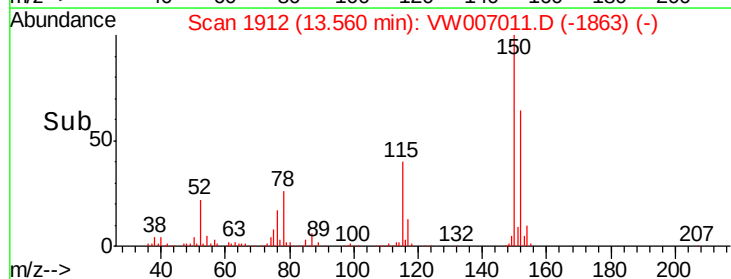
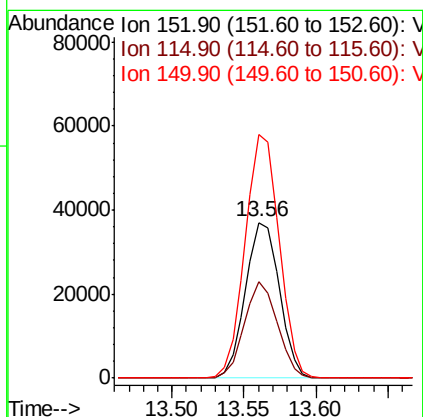
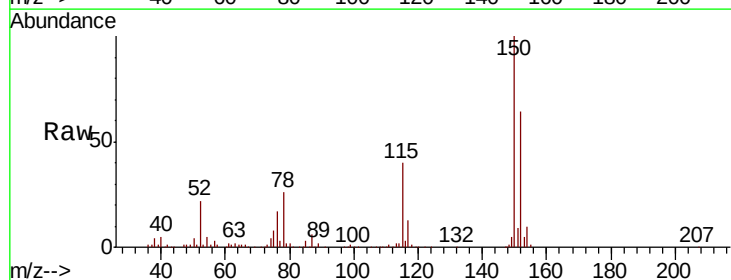
Instrument :
MSVOA_W
ClientSampleId :

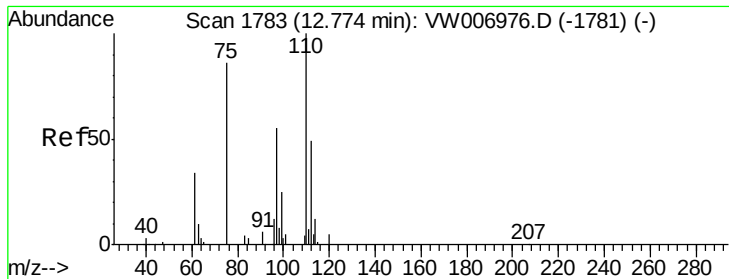
Tot Ion:117 Resp: 138154
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007011.D
Acq: 21 Nov 2018 20:06

Tgt Ion:152 Resp: 60483
Ion Ratio Lower Upper
152 100
115 60.2 31.4 94.2
150 157.1 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 58.636 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

Instrument :

MSVOA_W

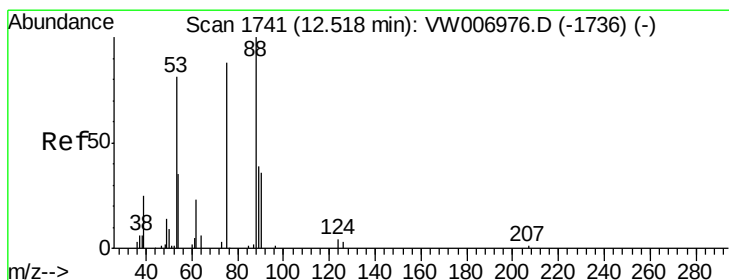
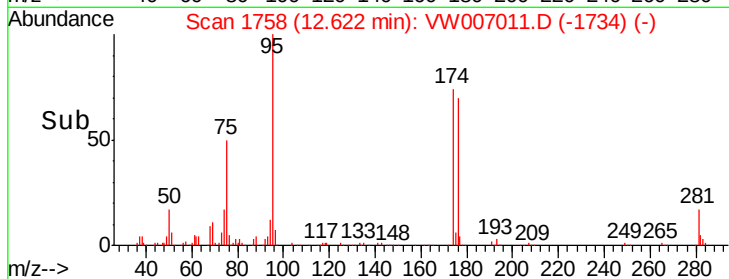
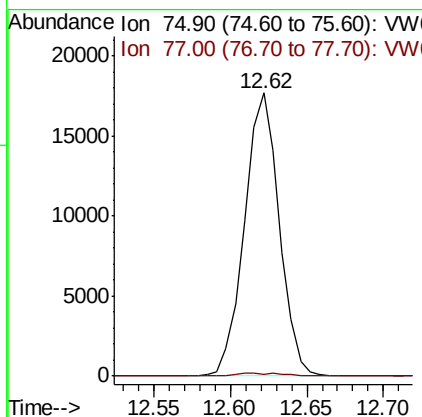
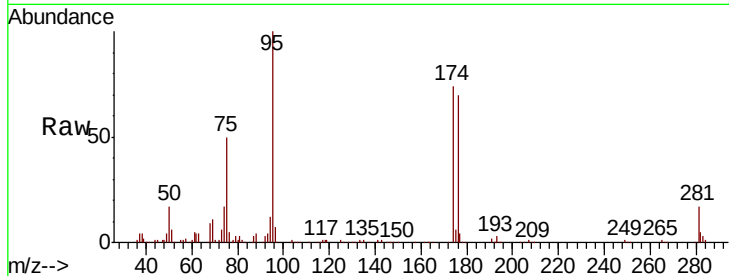
ClientSampleId :

Tot Ion: 75 Resp: 27868

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.211 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007011.D

Acq: 21 Nov 2018 20:06

Tgt Ion: 75 Resp: 27868

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 39.3 58.9#

