

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007112.D
 Acq On : 28 Nov 2018 14:42
 Operator : VAY/AP
 Sample : J6079-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-1

Quant Time: Nov 29 04:35:56 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	110966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	170292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76674	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	57725	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	48314	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.32	98	208821	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.62	95	80879	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	

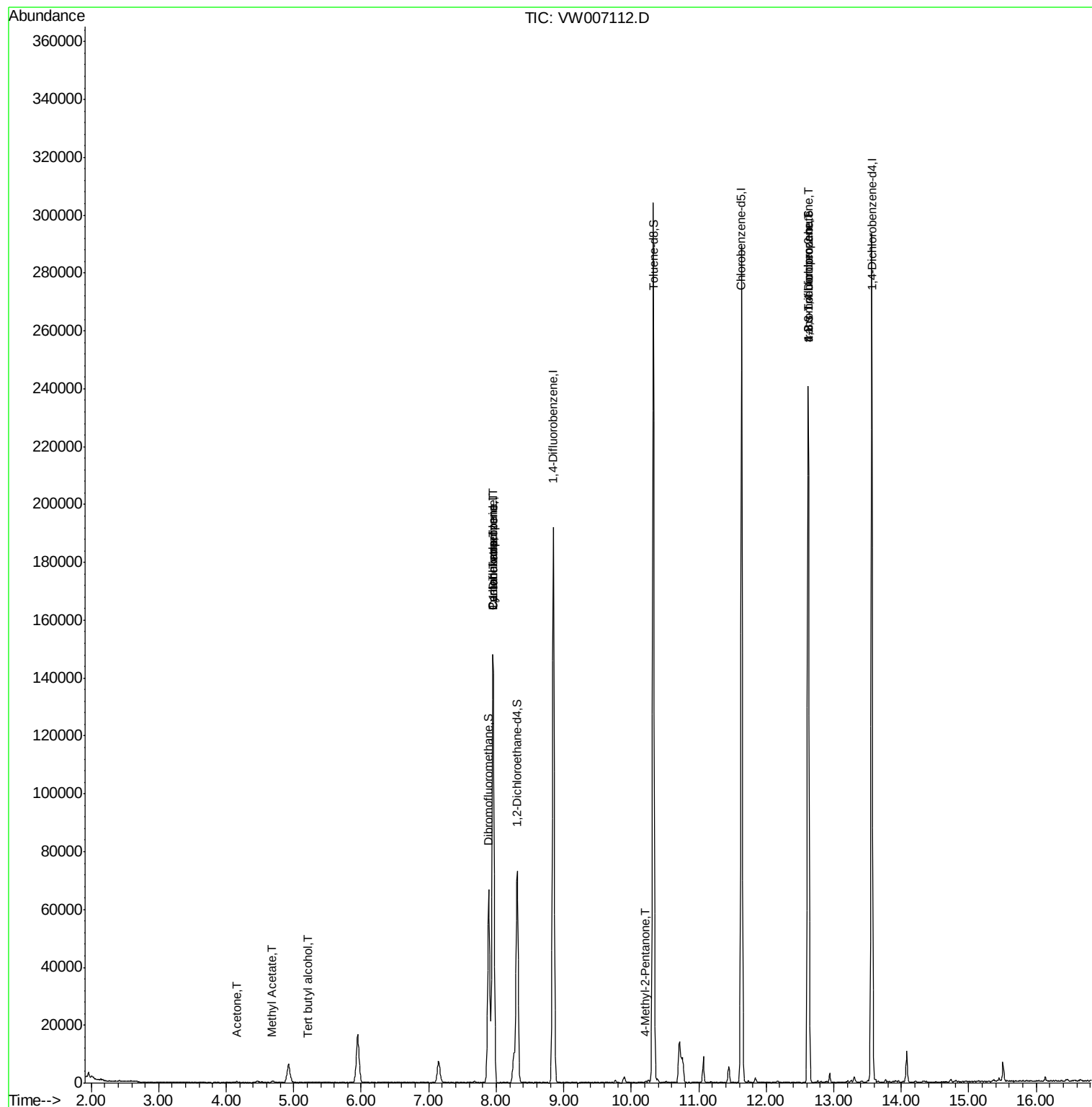
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	97	1.372	ug/l #	71
16) Acetone	4.16	43	863	5.471	ug/l	94
18) Methyl Acetate	4.68	43	1243	2.213	ug/l #	86
20) Methylene Chloride	4.92	84	5255	Below Cal		95
31) Cyclohexane	7.96	56	2322	1.110	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	8551	5.138	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11427	7.171	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	627	1.080	ug/l #	76
76) 1,2,3-Trichloropropane	12.62	75	39421	65.429	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39421	164.266	ug/l #	10

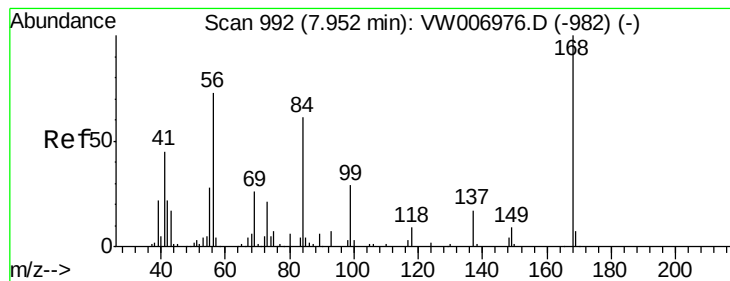
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 04:35:56 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: VW007112.D

Acq: 28 Nov 2018 14:42

Instrument :

MSVOA_W

ClientSampled :

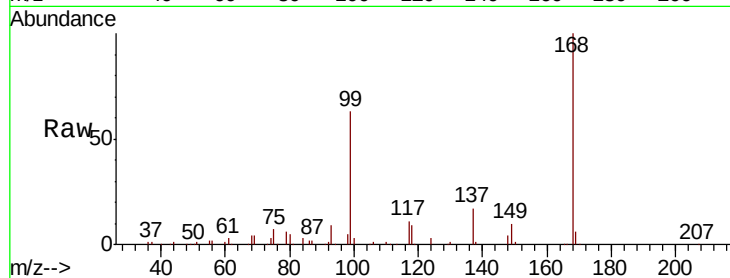
J-1

Tot Ion:168 Resp: 110966

Ion Ratio Lower Upper

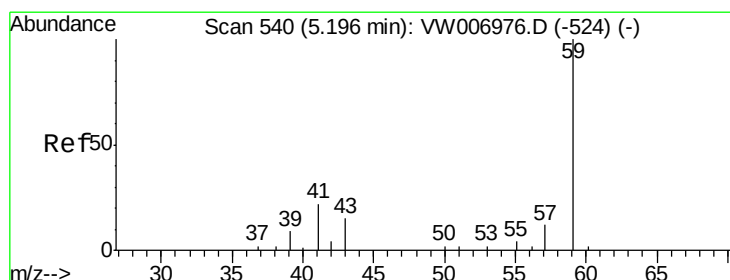
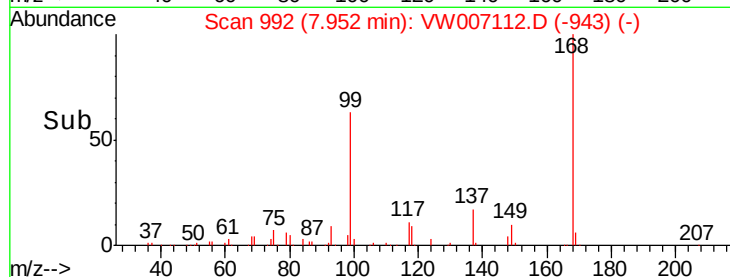
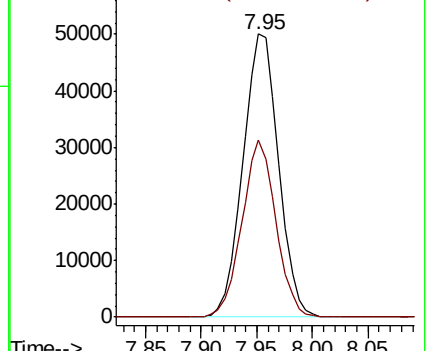
168 100

99 62.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.372 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.01 min

Lab File: VW007112.D

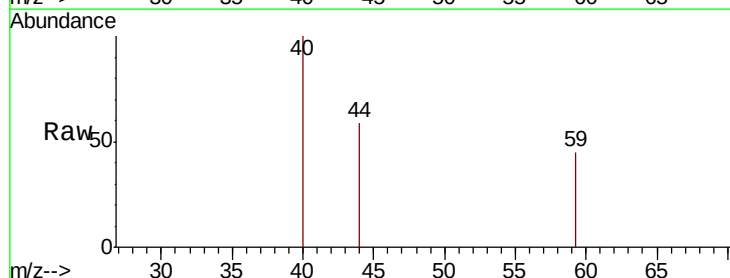
Acq: 28 Nov 2018 14:42

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

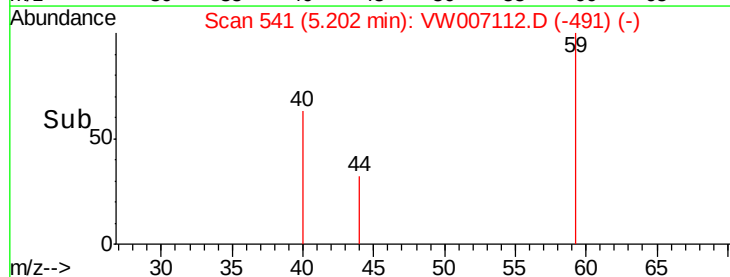
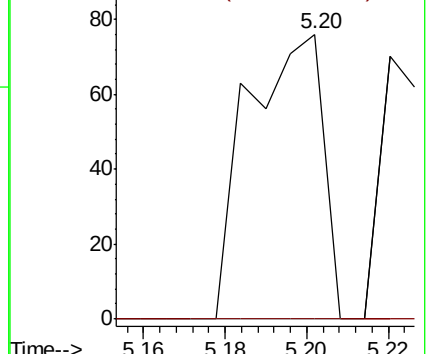
59 100

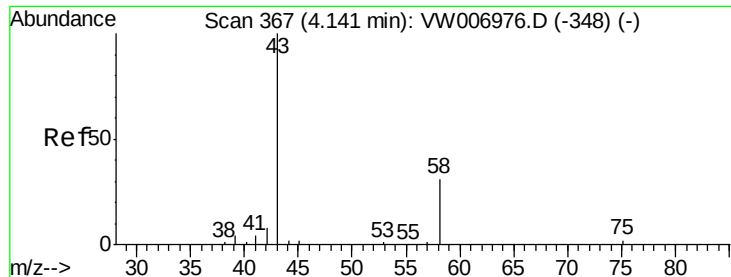
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.471 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW007112.D

Acq: 28 Nov 2018 14:42

Instrument :

MSVOA_W

ClientSampled :

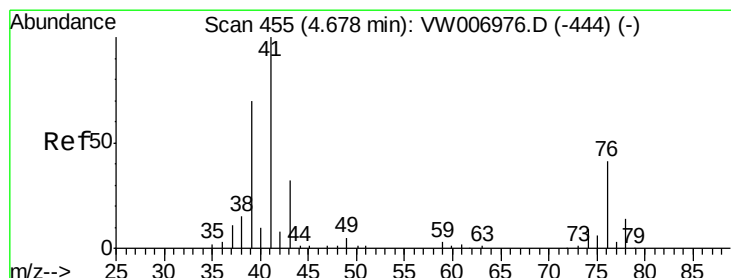
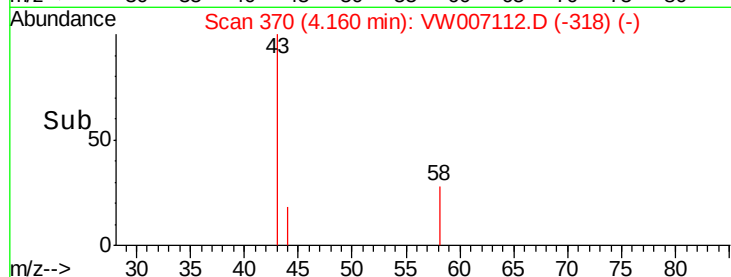
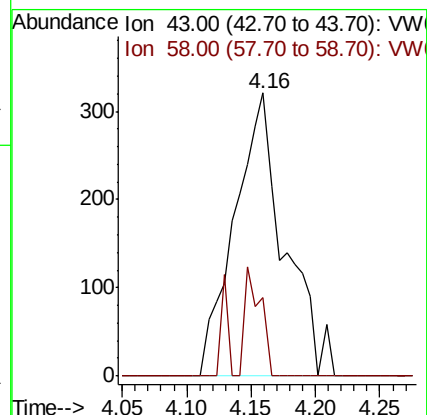
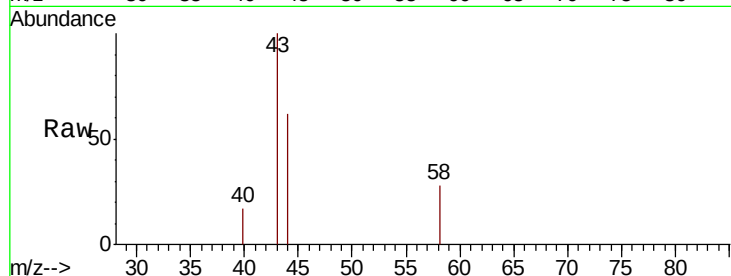
J-1

Tot Ion: 43 Resp: 863

Ion Ratio Lower Upper

43 100

58 27.7 24.8 37.2



#18

Methyl Acetate

Concen: 2.213 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW007112.D

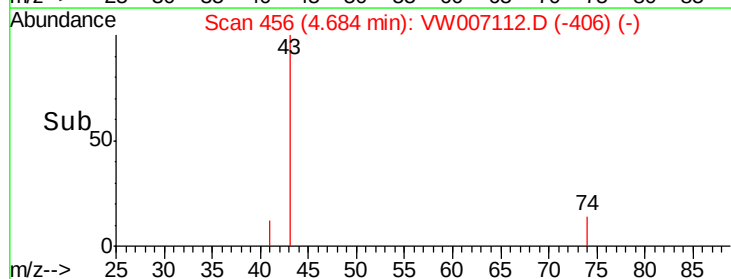
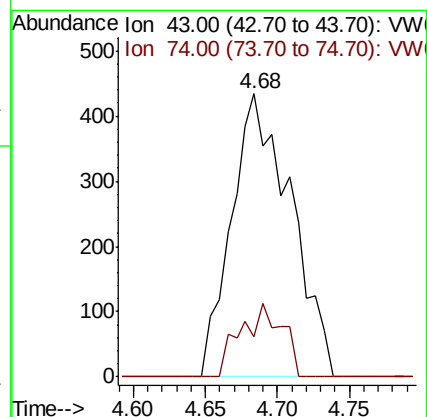
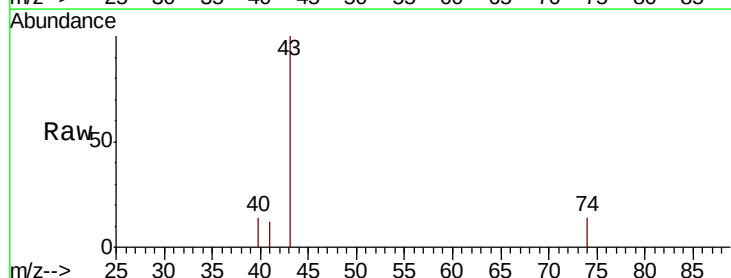
Acq: 28 Nov 2018 14:42

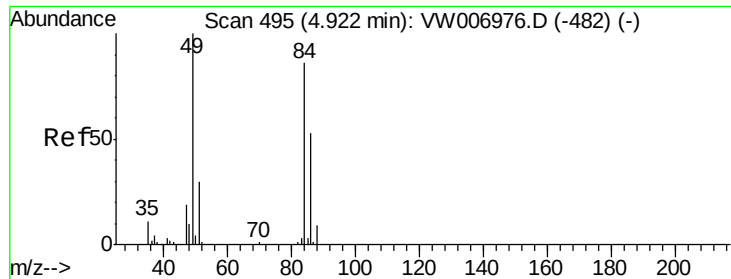
Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

74 18.1 20.1 30.1#

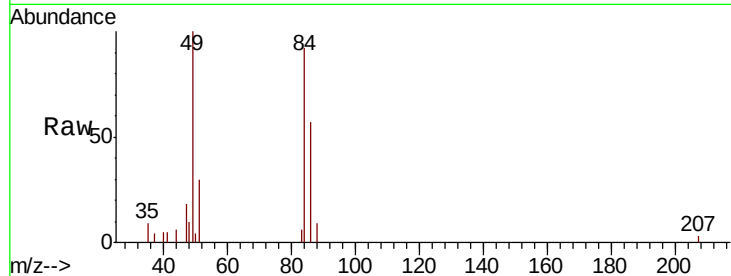




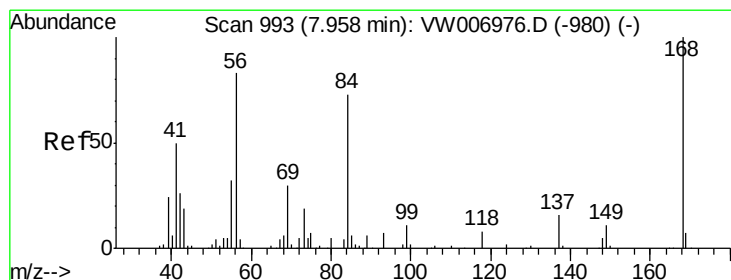
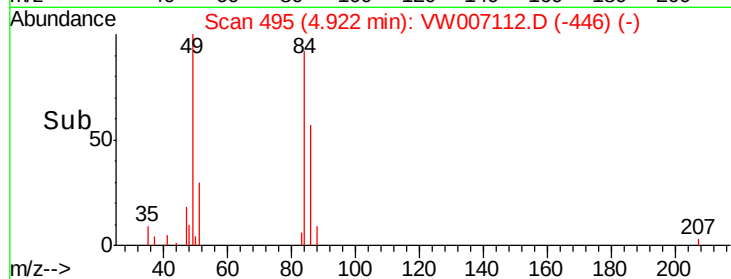
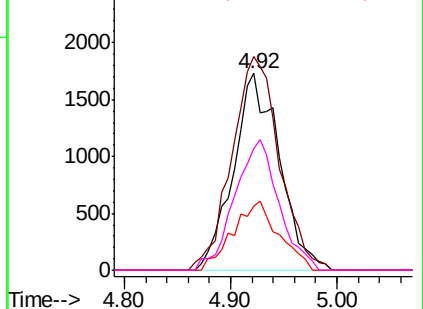
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007112.D
Acq: 28 Nov 2018 14:42

Instrument :
MSVOA_W
ClientSampleId :
J-1

Tot Ion:	84	Resp:	5255
Ion	Ratio	Lower	Upper
84	100		
49	108.4	93.4	140.0
51	32.7	28.4	42.6
86	61.6	49.8	74.8

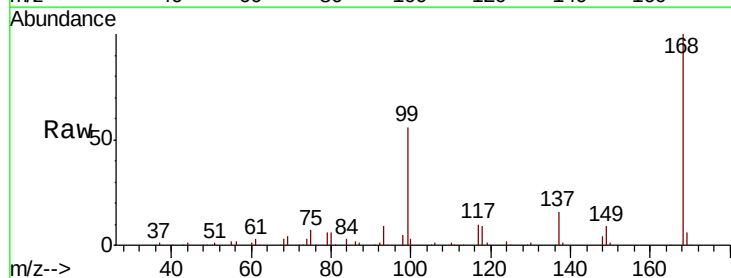


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

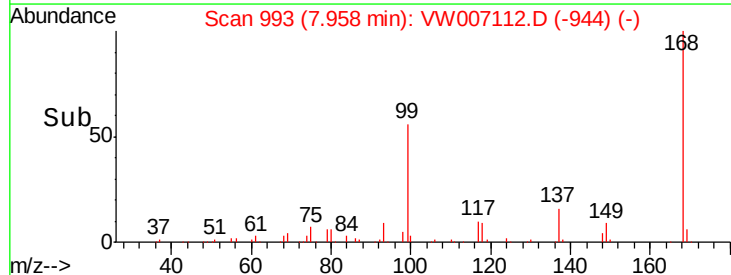
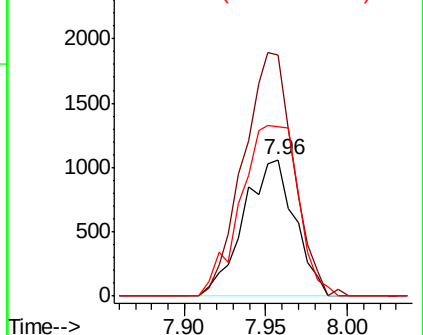


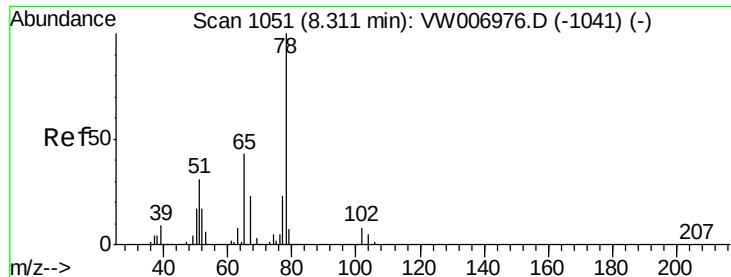
#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007112.D
Acq: 28 Nov 2018 14:42

Tgt Ion:	56	Resp:	2322
Ion	Ratio	Lower	Upper
56	100		
69	176.6	29.1	43.7#
84	124.7	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

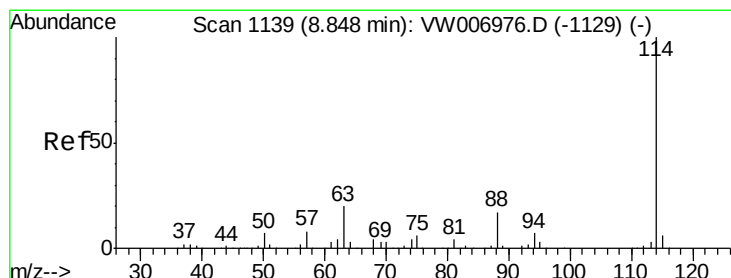
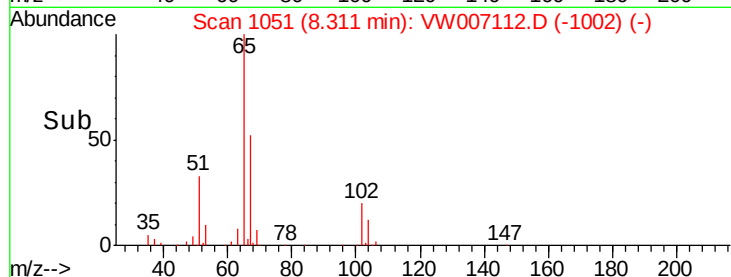
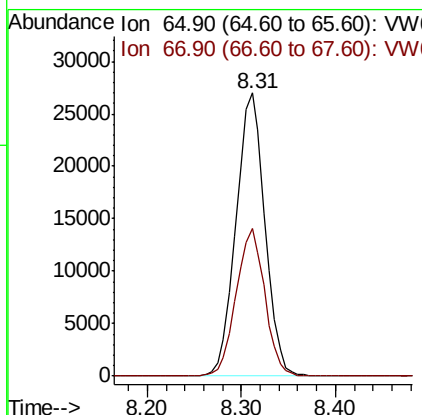
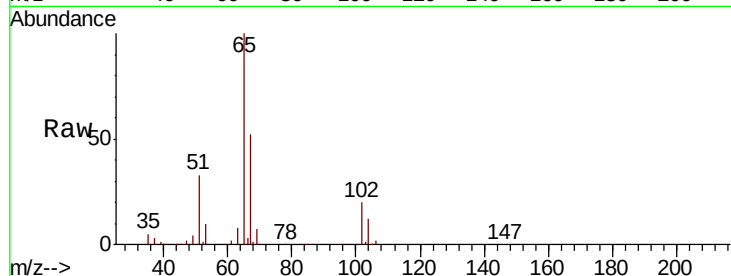




#33
 1,2-Dichloroethane-d4
 Concen: 53.135 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

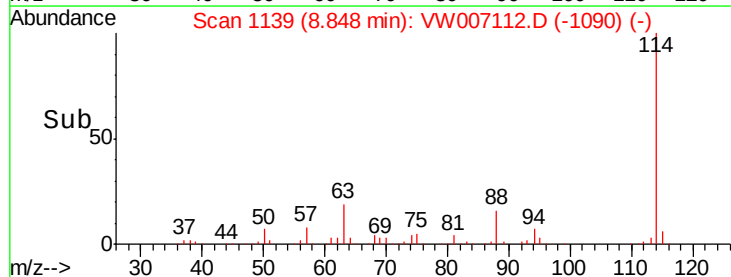
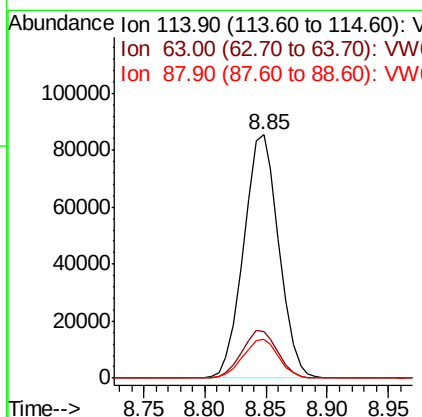
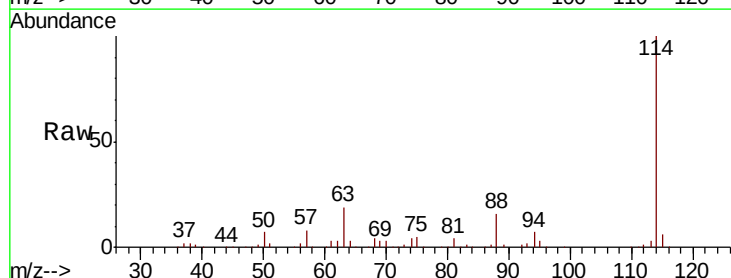
Instrument :
 MSVOA_W
 ClientSampleId :
 J-1

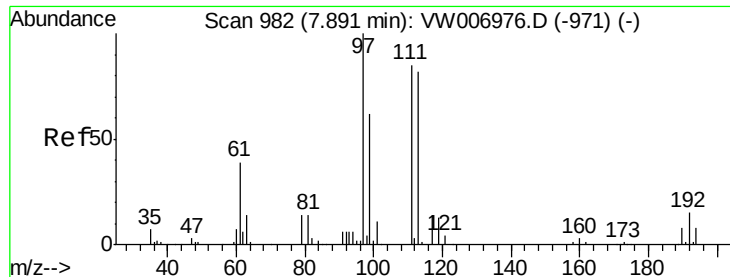
Tot Ion: 65 Resp: 57725
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

Tgt Ion: 114 Resp: 170292
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 16.0 0.0 34.2

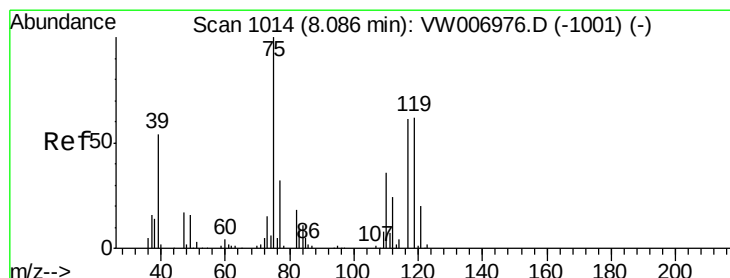
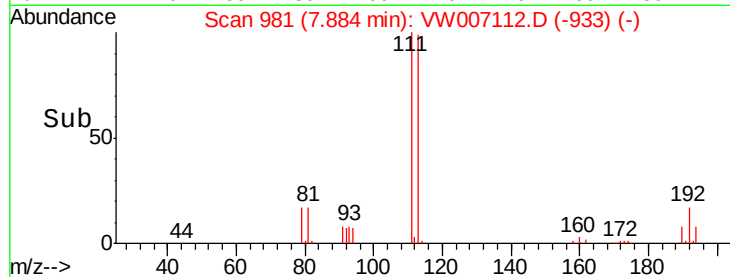
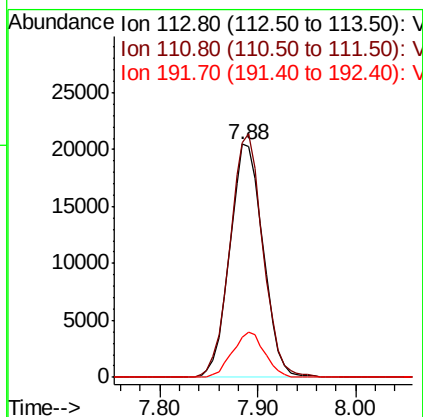
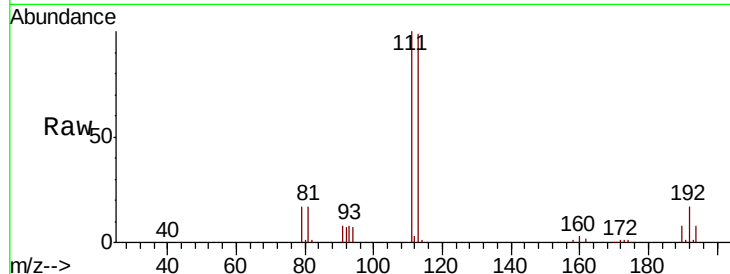




#35
 Dibromofluoromethane
 Concen: 50.239 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

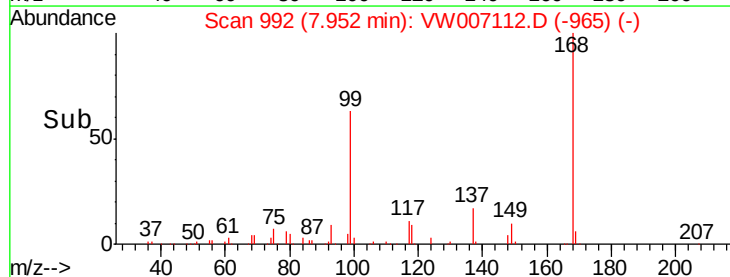
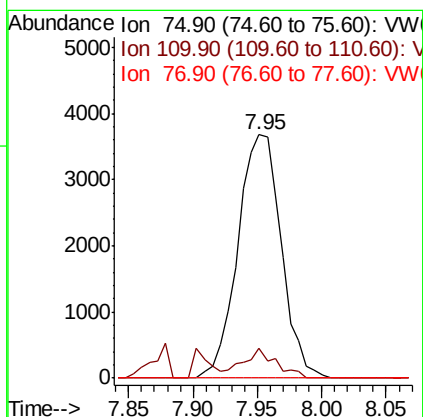
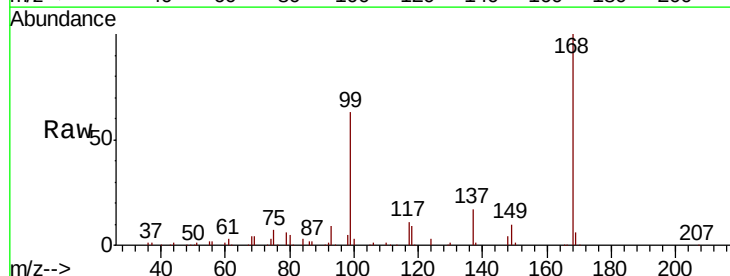
Instrument :
 MSVOA_W
 ClientSampled :
 J-1

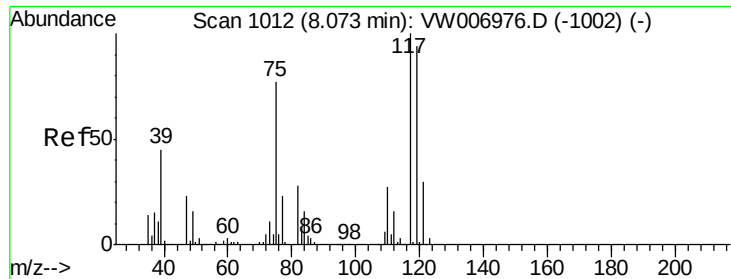
Tot Ion:113 Resp: 48314
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 18.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 5.138 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

Tgt Ion: 75 Resp: 8551
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.0 54.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.171 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007112.D

Acq: 28 Nov 2018 14:42

Instrument :

MSVOA_W

ClientSampleId :

J-1

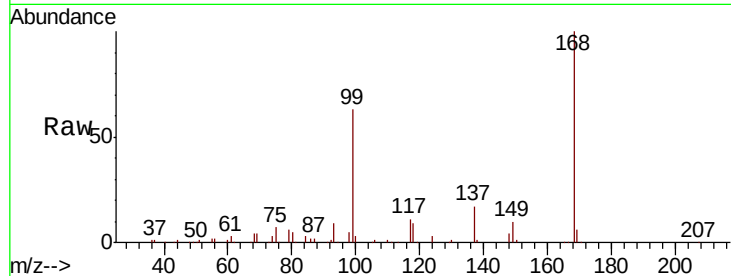
Tot Ion:117 Resp: 11427

Ion Ratio Lower Upper

117 100

119 3.9 74.9 112.3#

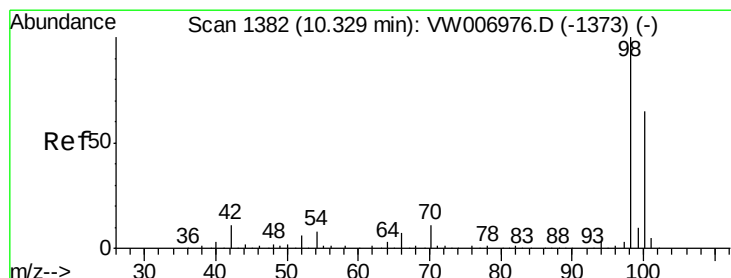
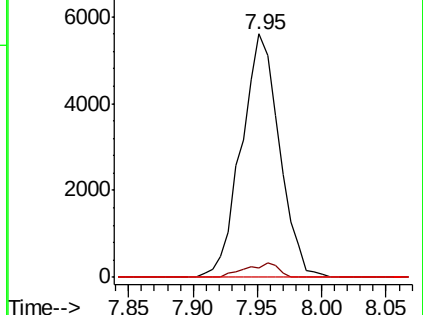
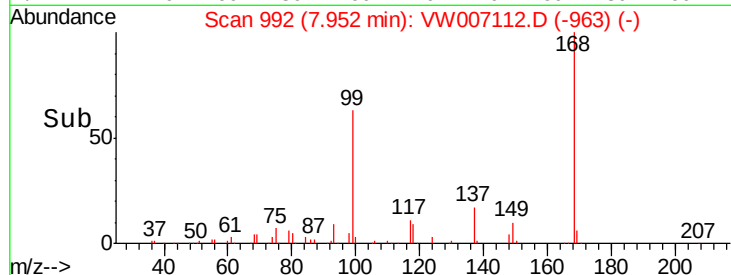
121 0.0 23.6 35.4#



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: 49.173 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007112.D

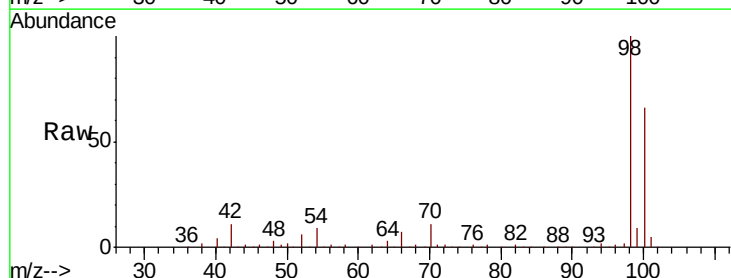
Acq: 28 Nov 2018 14:42

Tgt Ion: 98 Resp: 208821

Ion Ratio Lower Upper

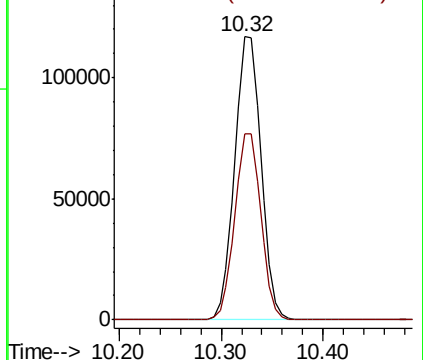
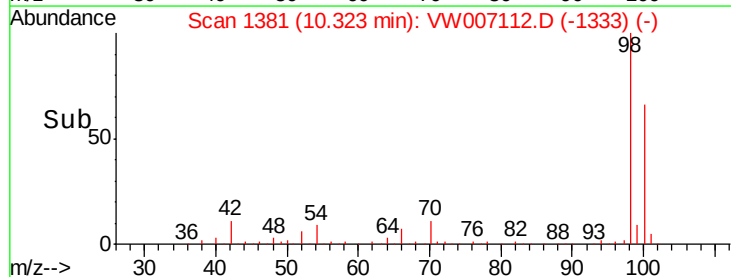
98 100

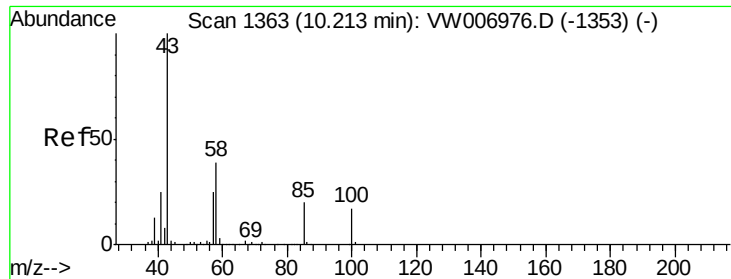
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

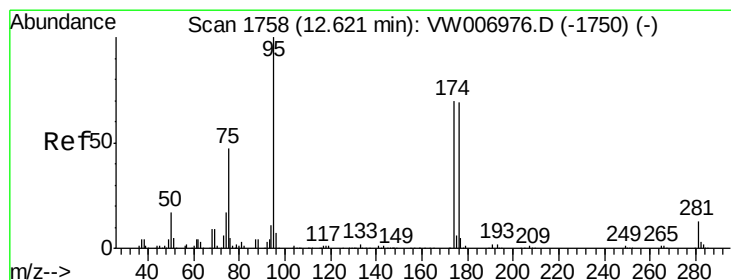
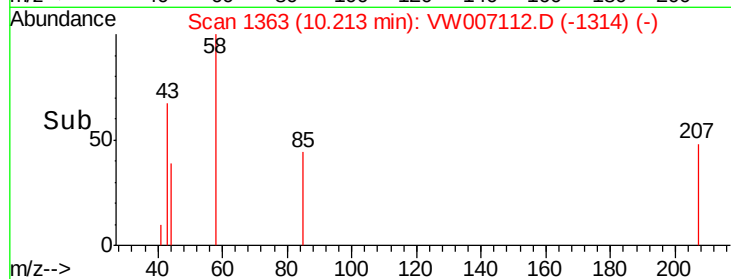
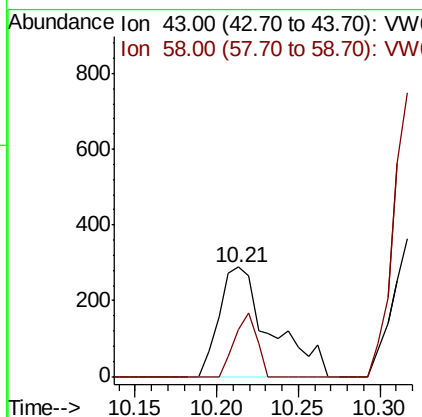
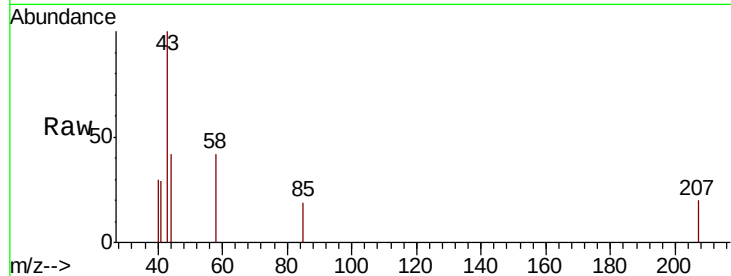




#51
 4-Methyl-2-Pentanone
 Concen: 1.080 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

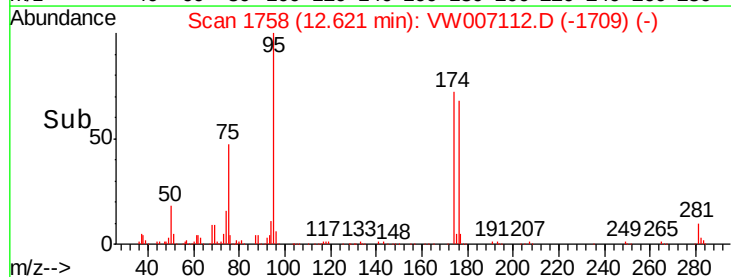
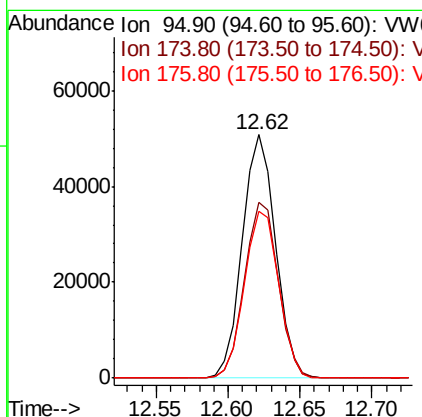
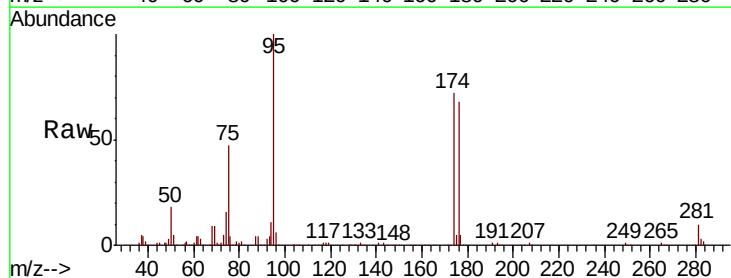
Instrument :
 MSVOA_W
 ClientSampled :
 J-1

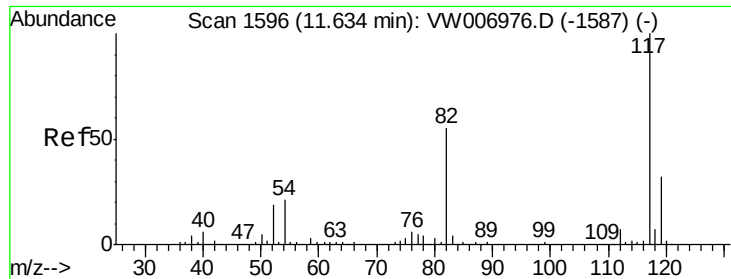
Tot Ion: 43 Resp: 627
 Ion Ratio Lower Upper
 43 100
 58 25.0 31.8 47.6#



#62
 4-Bromofluorobenzene
 Concen: 48.398 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007112.D
 Acq: 28 Nov 2018 14:42

Tgt Ion: 95 Resp: 80879
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 143.6
 176 71.1 0.0 140.4

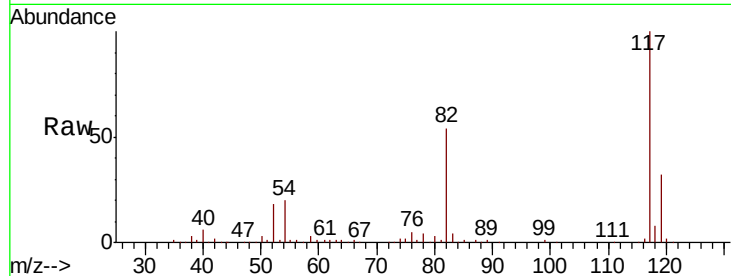




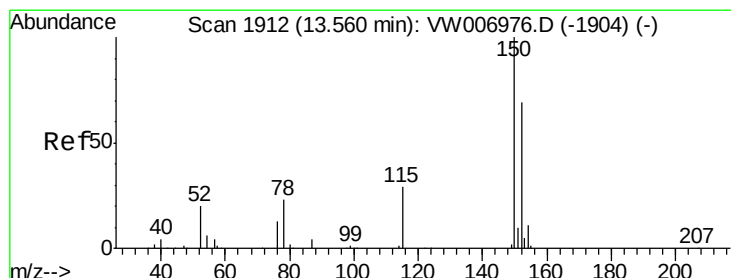
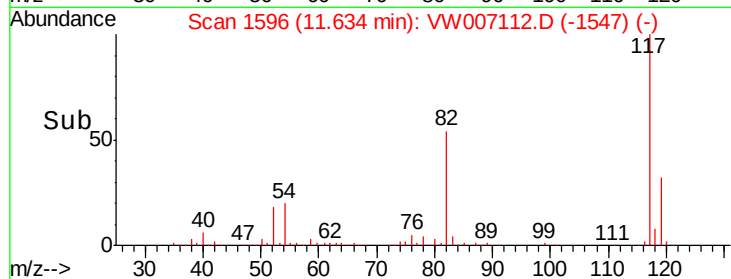
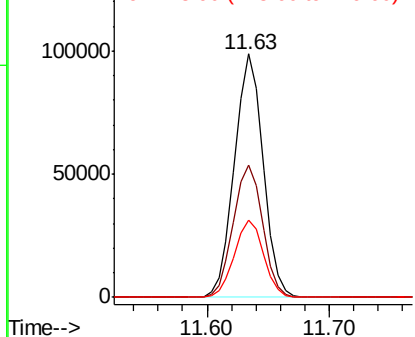
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007112.D
Acq: 28 Nov 2018 14:42

Instrument :
MSVOA_W
ClientSampled :
J-1

Tot Ion:117 Resp: 160263
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.8 25.9 38.9

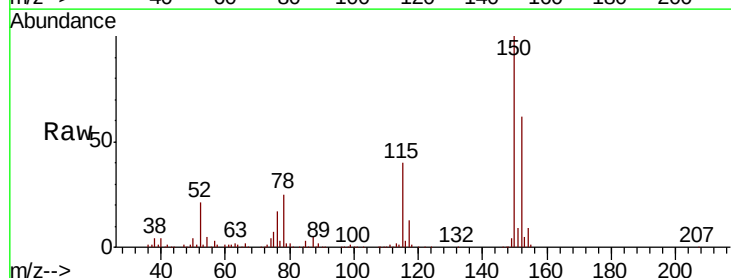


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

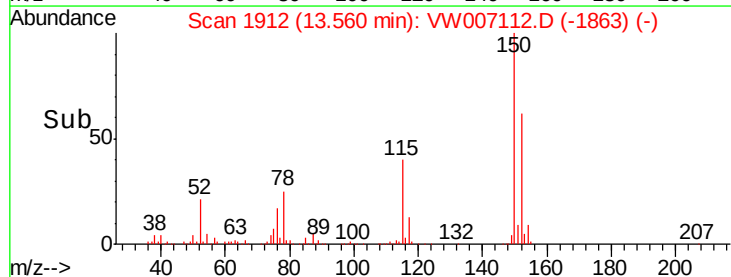
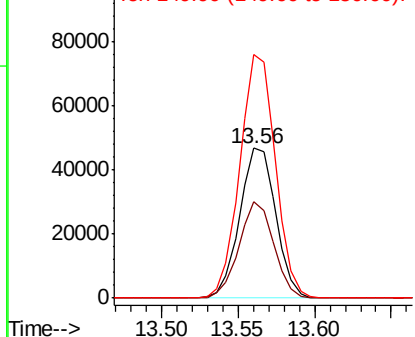


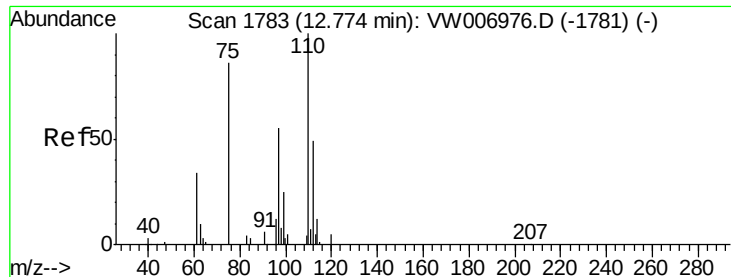
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007112.D
Acq: 28 Nov 2018 14:42

Tgt Ion:152 Resp: 76674
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 160.0 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 65.429 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007112.D

Acq: 28 Nov 2018 14:42

Instrument :

MSVOA_W

ClientSampleId :

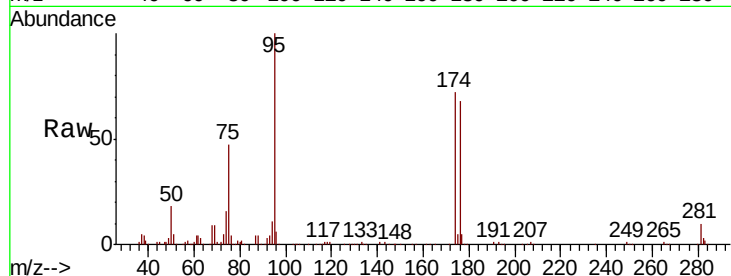
J-1

Tot Ion: 75 Resp: 39421

Ion Ratio Lower Upper

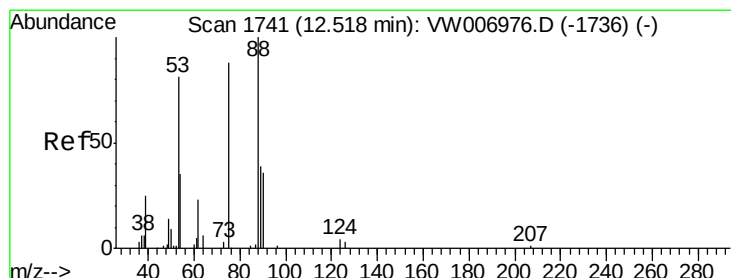
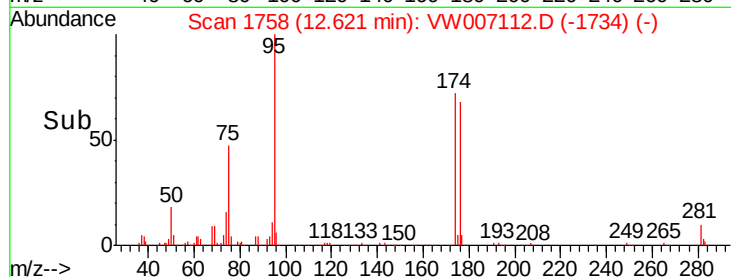
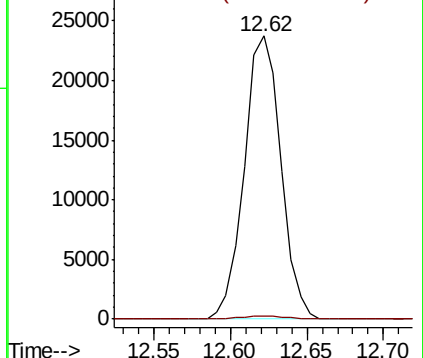
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 164.266 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007112.D

Acq: 28 Nov 2018 14:42

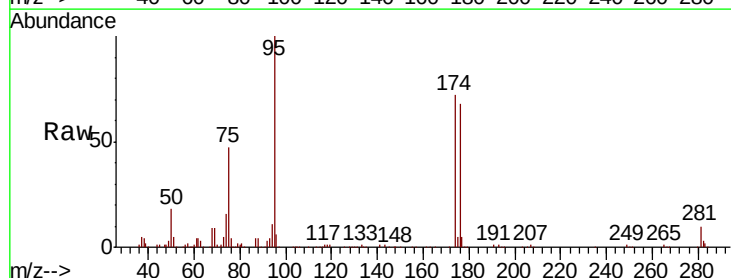
Tgt Ion: 75 Resp: 39421

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

