

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007120.D
 Acq On : 28 Nov 2018 18:06
 Operator : VAY/AP
 Sample : J5768-07
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-112818

Quant Time: Nov 29 04:37:16 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	7.96	168	107811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62981	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	57068	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.14%		
35) Dibromofluoromethane	7.89	113	49000	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.92%		
50) Toluene-d8	10.33	98	202891	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.46%		
62) 4-Bromofluorobenzene	12.62	95	72153	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.06%		

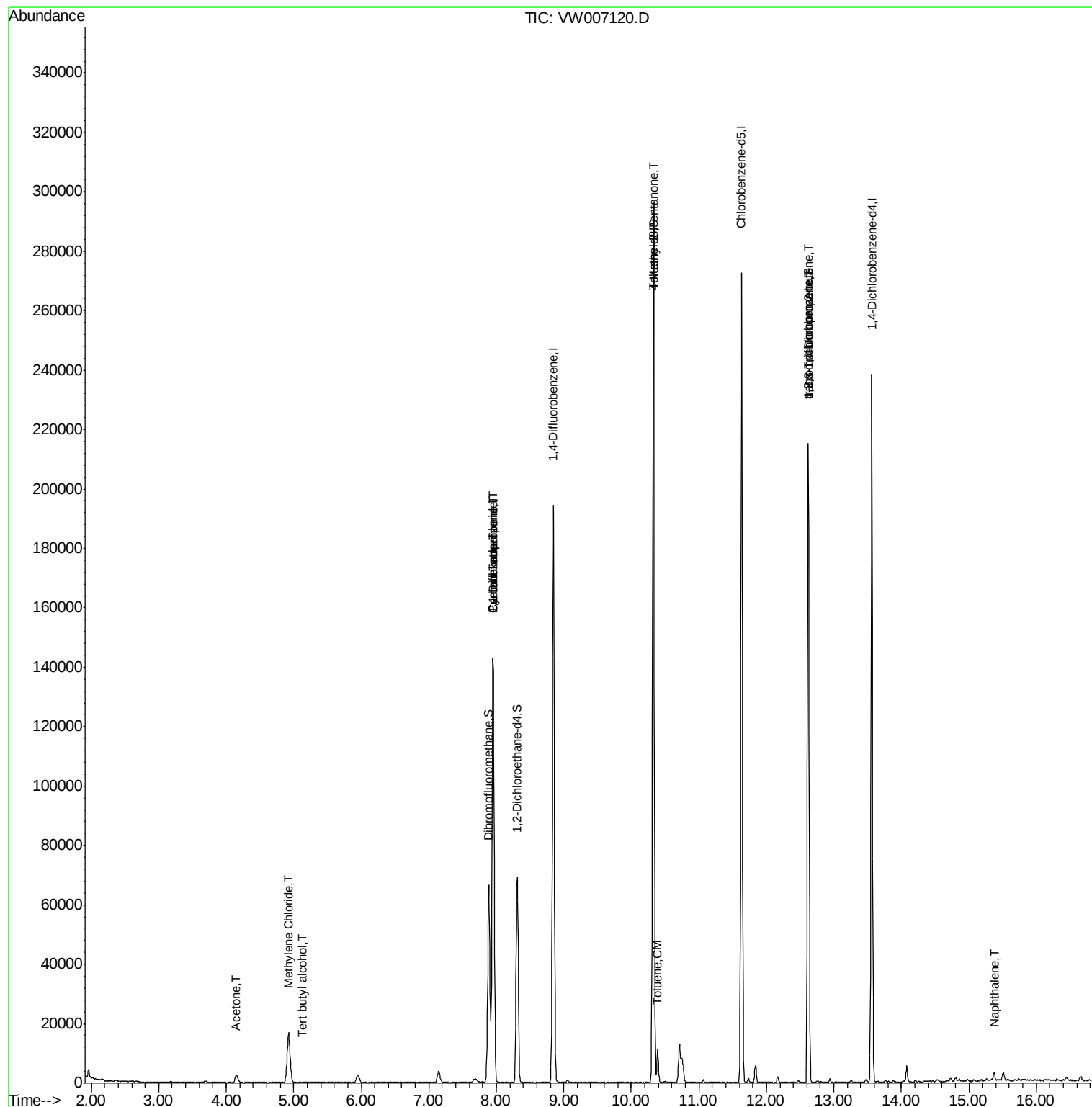
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	70	1.019	ug/l #	71
16) Acetone	4.15	43	5176	33.776	ug/l	93
20) Methylene Chloride	4.92	84	12977	5.859	ug/l	93
31) Cyclohexane	7.96	56	2084	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8131	4.983	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10863	6.952	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	849	1.491	ug/l #	1
52) Toluene	10.39	92	5042	1.682	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	35030	70.782	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35030	177.705	ug/l #	10
95) Naphthalene	15.38	128	2944	1.308	ug/l #	96

(#) = 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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

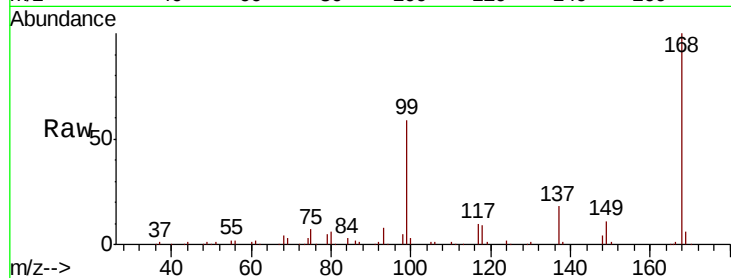
OK-01-112818

Tot Ion:168 Resp: 107811

Ion Ratio Lower Upper

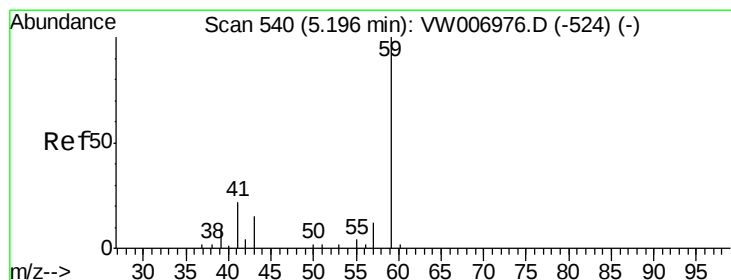
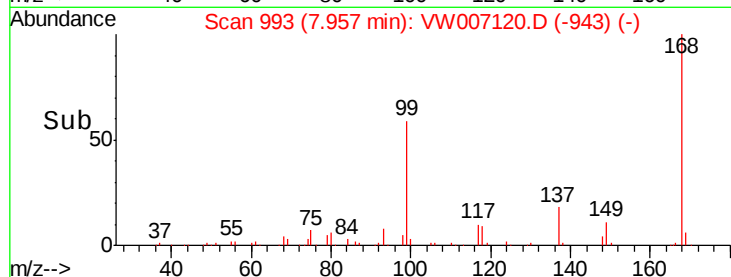
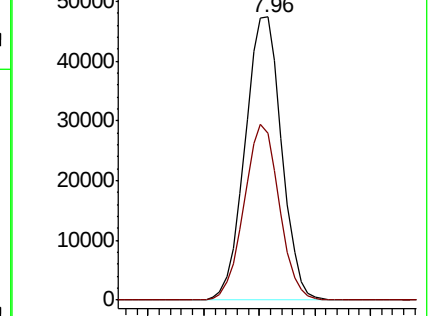
168 100

99 59.0 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: 1.019 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.07 min

Lab File: VW007120.D

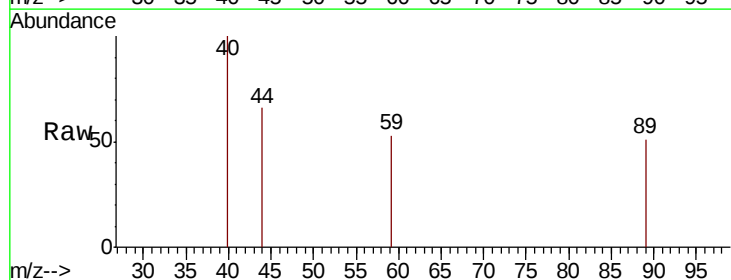
Acq: 28 Nov 2018 18:06

Tgt Ion: 59 Resp: 70

Ion Ratio Lower Upper

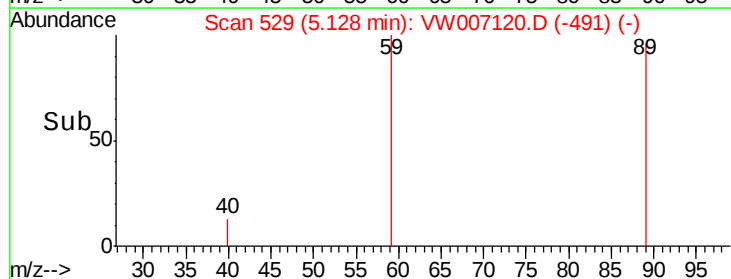
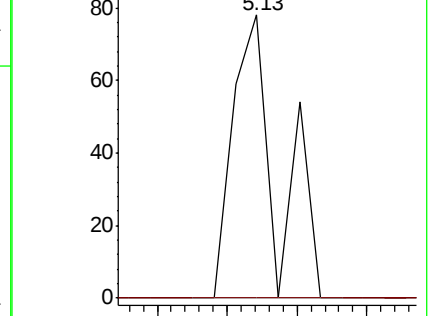
59 100

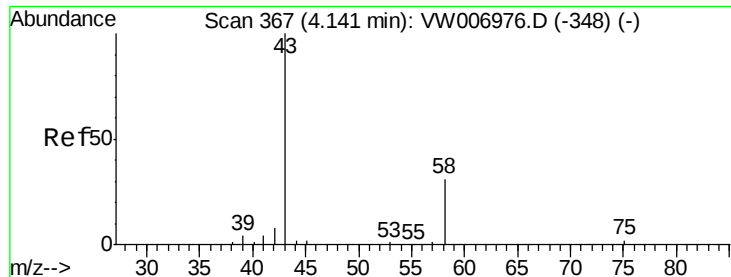
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 33.776 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

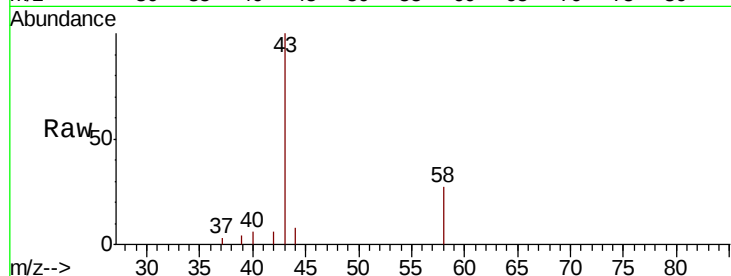
OK-01-112818

Tot Ion: 43 Resp: 5176

Ion Ratio Lower Upper

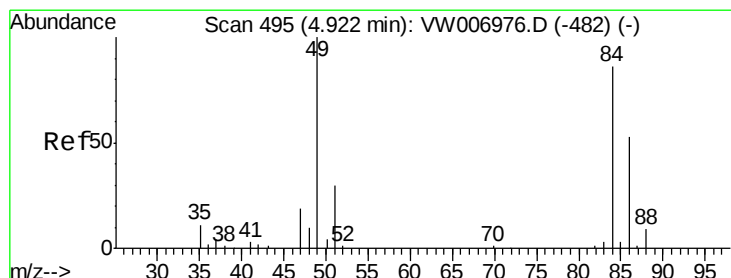
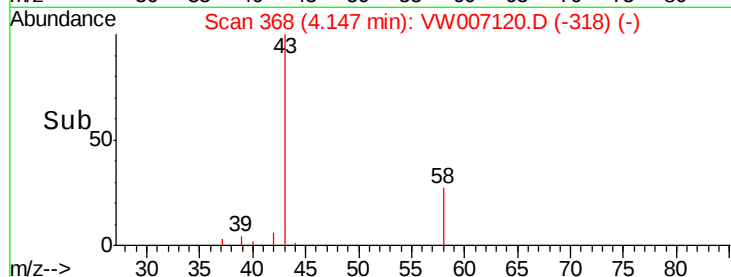
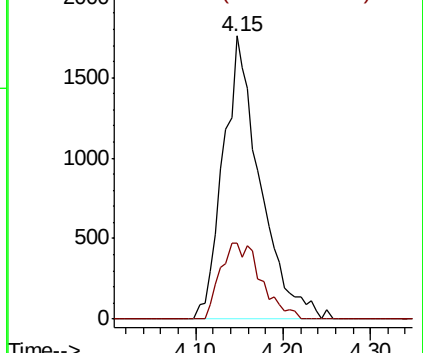
43 100

58 26.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.859 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Tgt Ion: 84 Resp: 12977

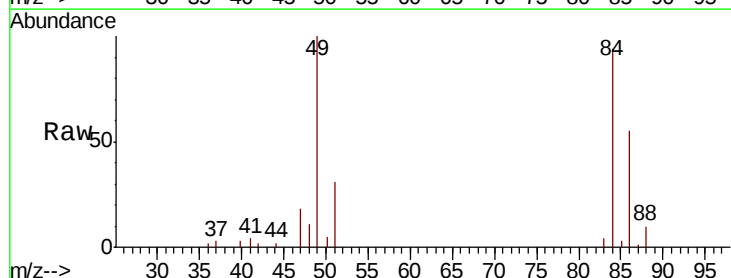
Ion Ratio Lower Upper

84 100

49 106.7 93.4 140.0

51 32.7 28.4 42.6

86 59.2 49.8 74.8

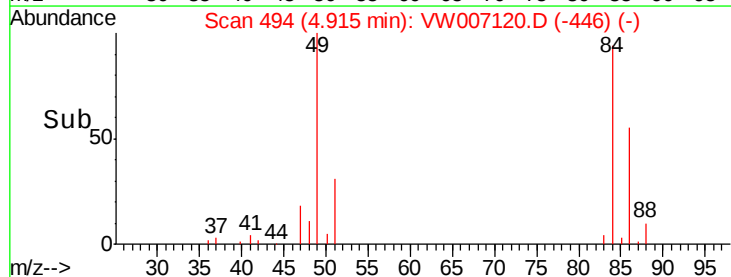
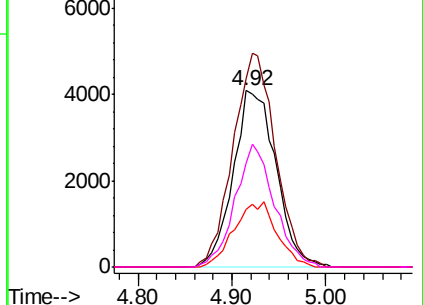


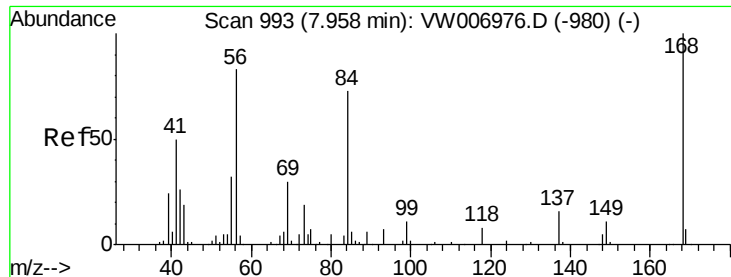
Abundance Ion 83.90 (83.60 to 84.60): VW

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

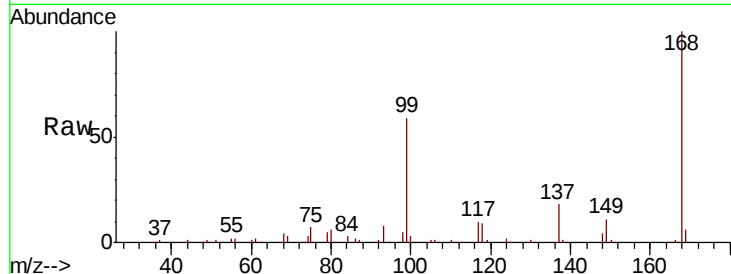




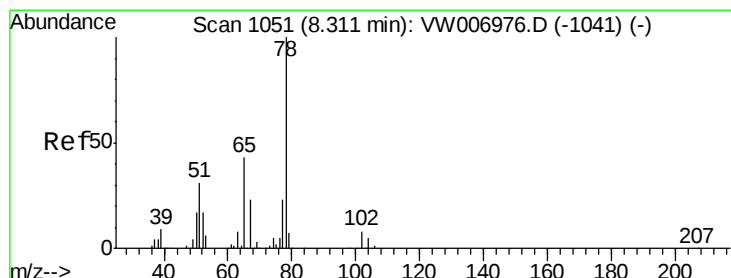
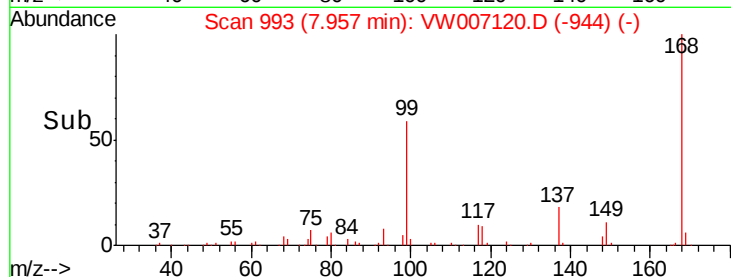
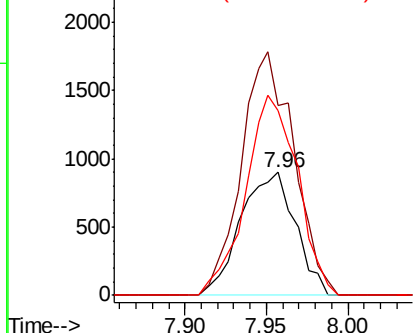
#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
OK-01-112818

Tot Ion: 56 Resp: 2084
Ion Ratio Lower Upper
56 100
69 154.7 29.1 43.7#
84 150.9 70.6 105.8#

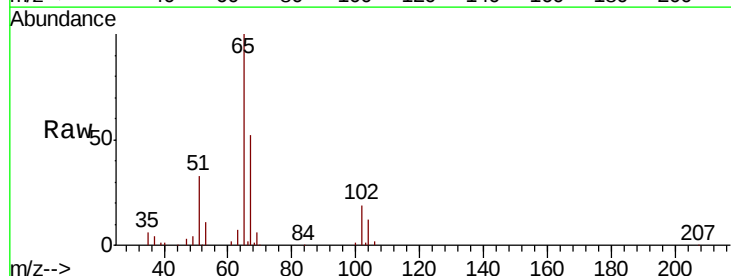


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

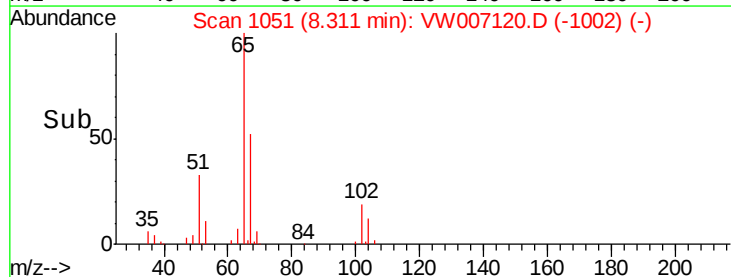
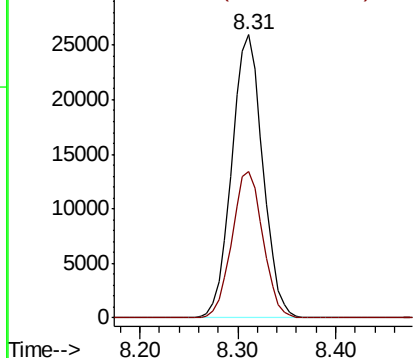


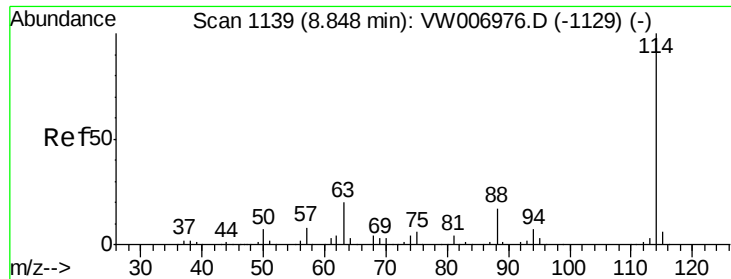
#33
1,2-Dichloroethane-d4
Concen: 54.068 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Tgt Ion: 65 Resp: 57068
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2



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

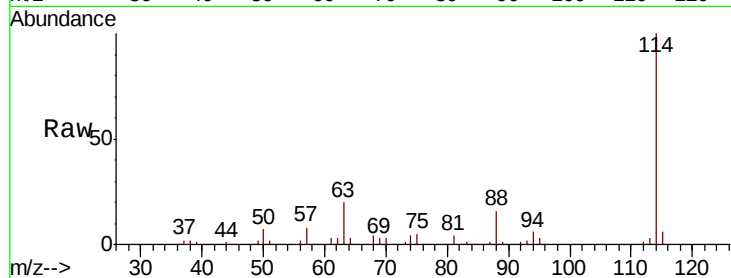




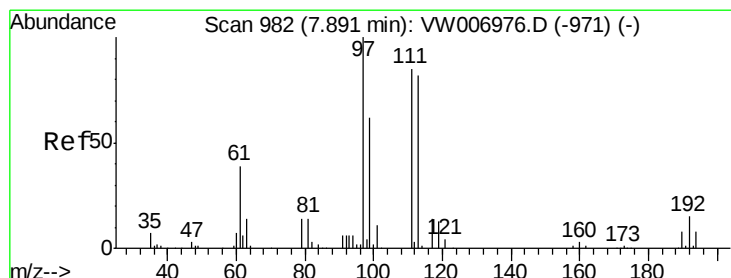
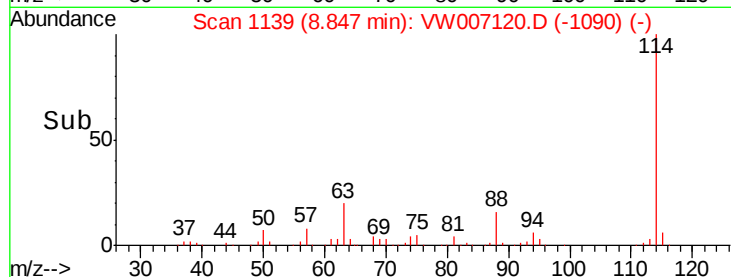
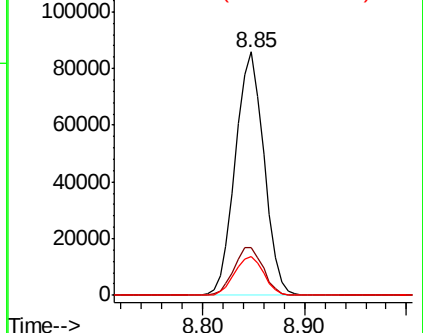
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-112818

Tot Ion:114 Resp: 166976
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.7 0.0 34.2

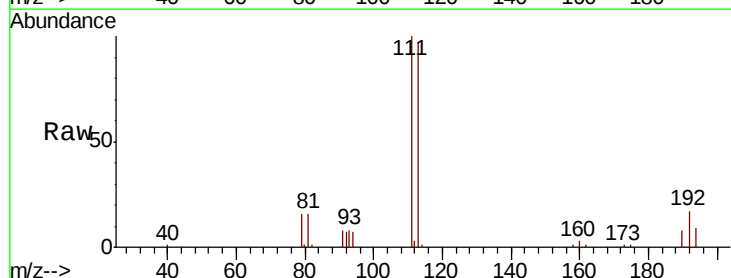


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

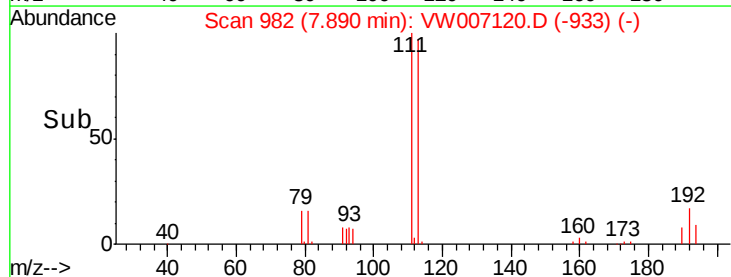
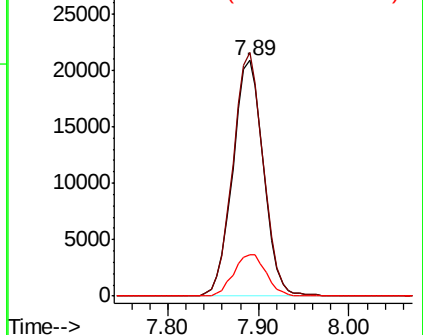


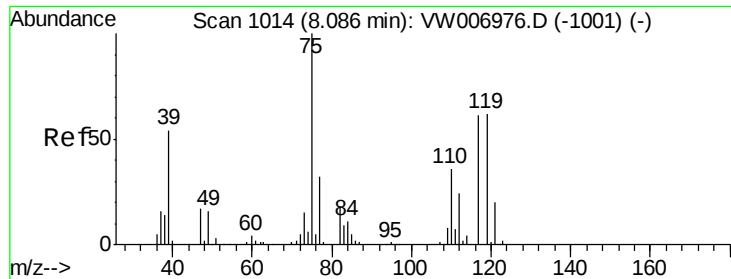
#35
 Dibromofluoromethane
 Concen: 51.964 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

Tgt Ion:113 Resp: 49000
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.6
 192 18.5 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

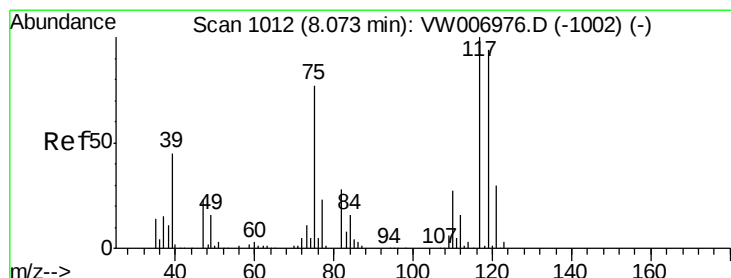
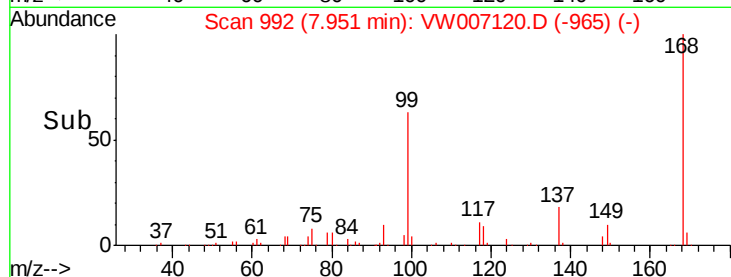
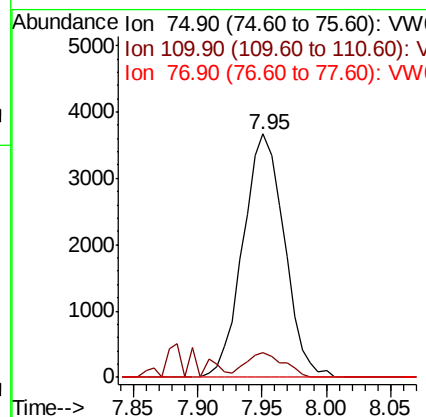
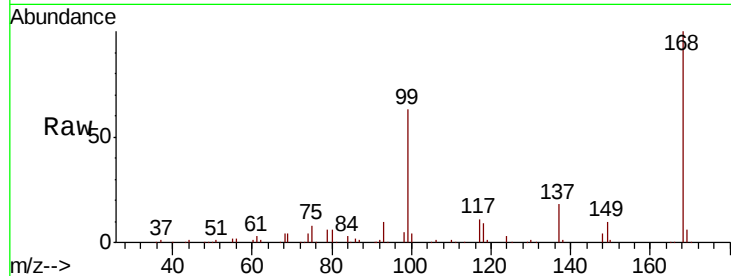




#36
 1,1-Dichloropropene
 Concen: 4.983 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

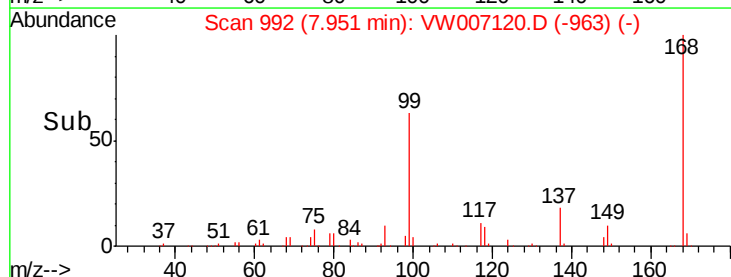
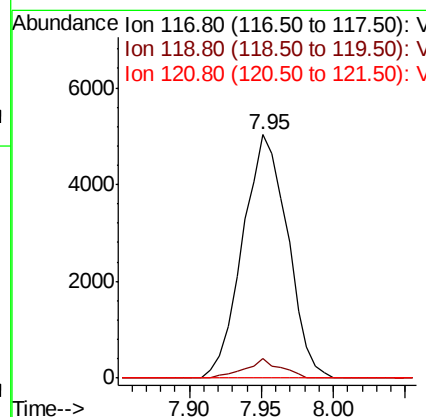
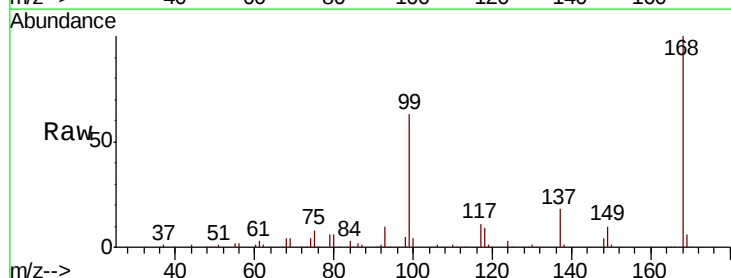
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-112818

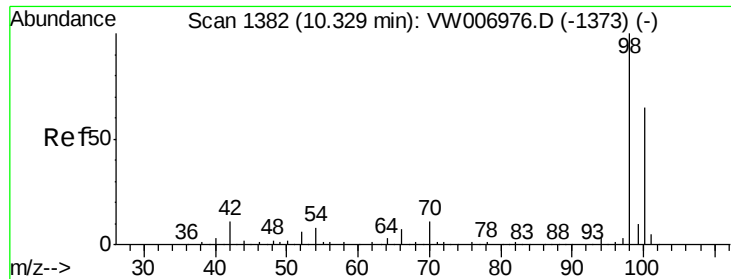
Tot Ion	75	Resp	8131
Ion Ratio	100	Lower	Upper
75	100		
110	9.3	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.952 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

Tgt Ion	117	Resp	10863
Ion Ratio	100	Lower	Upper
117	100		
119	8.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 48.725 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

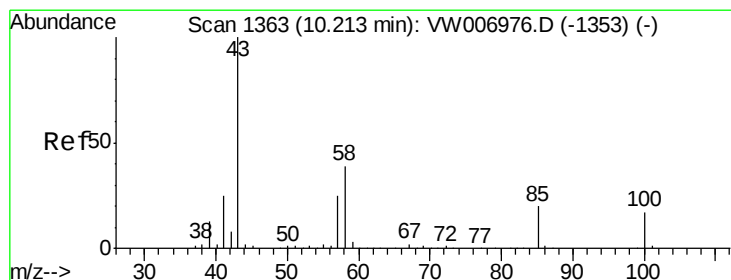
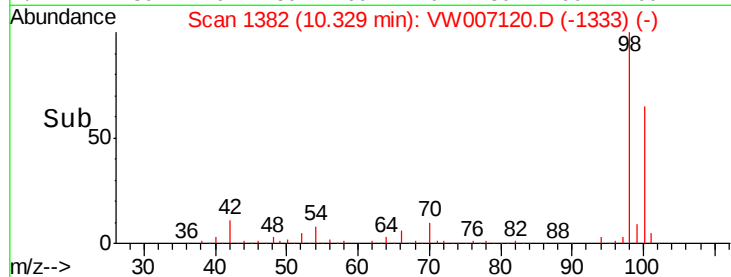
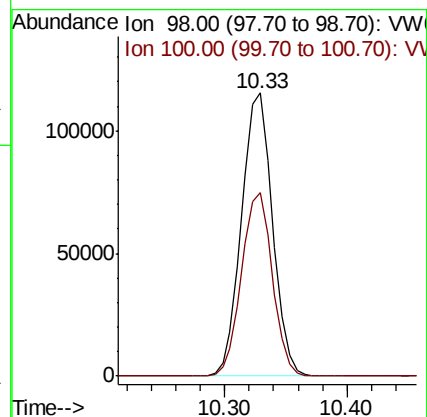
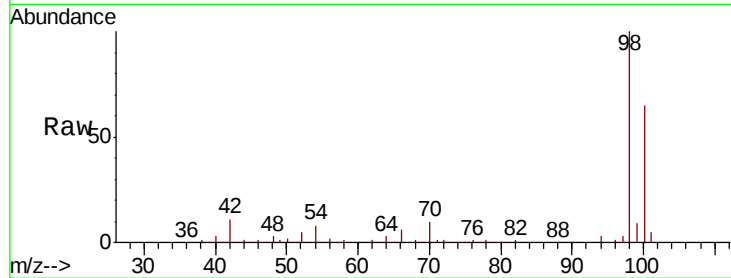
OK-01-112818

Tot Ion: 98 Resp: 202891

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.491 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007120.D

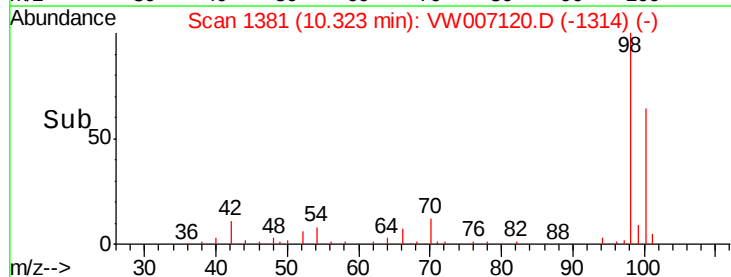
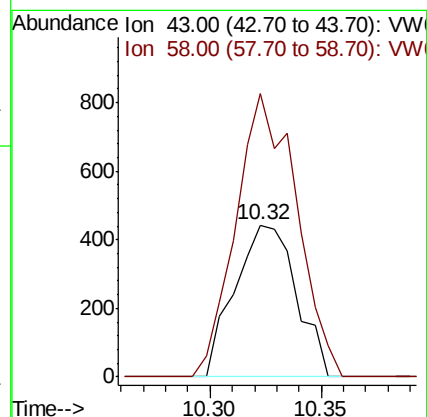
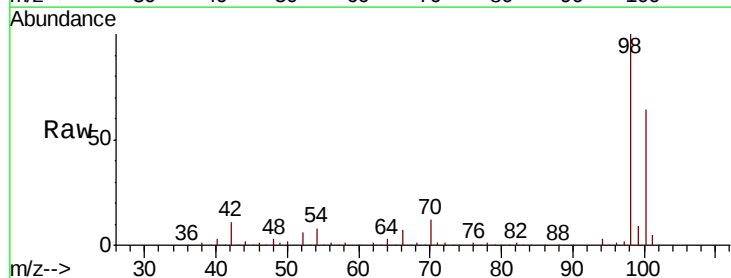
Acq: 28 Nov 2018 18:06

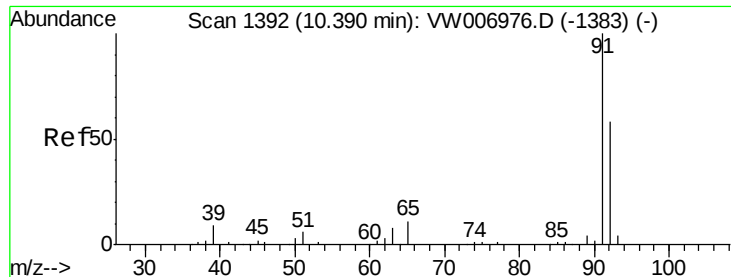
Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

43 100

58 183.9 31.8 47.6#





#52

Toluene

Concen: 1.682 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

Instrument :

MSVOA_W

ClientSampleId :

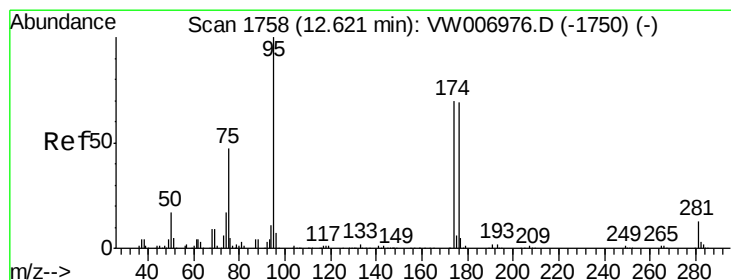
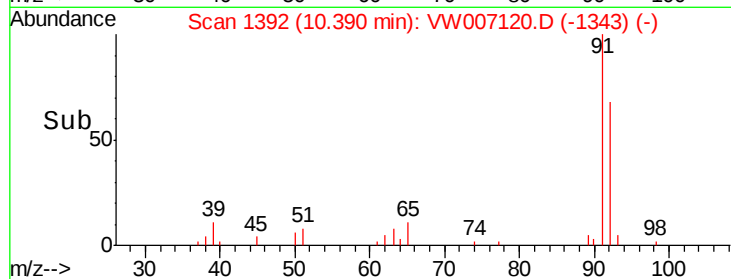
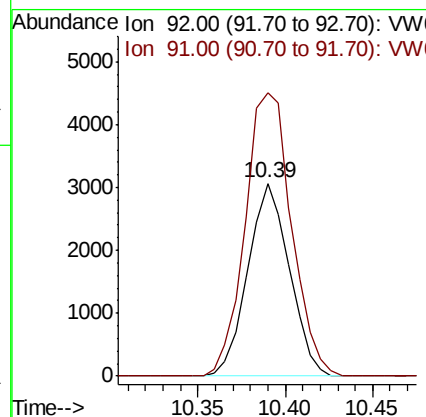
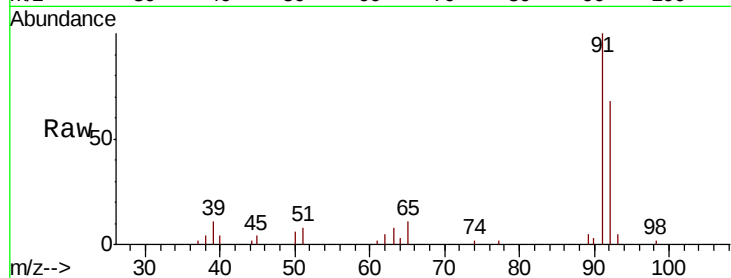
OK-01-112818

Tot Ion: 92 Resp: 5042

Ion Ratio Lower Upper

92 100

91 165.0 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 44.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007120.D

Acq: 28 Nov 2018 18:06

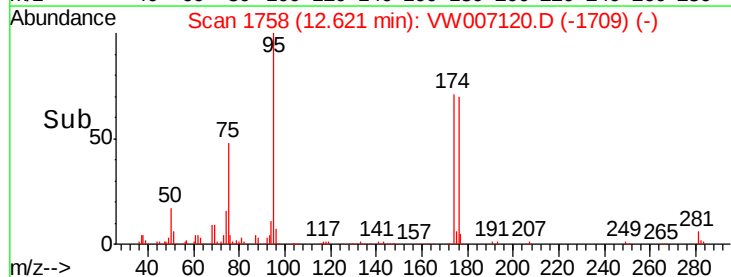
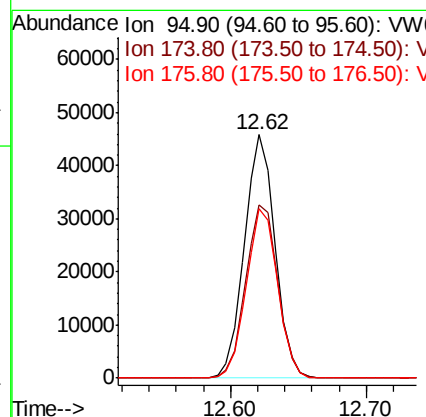
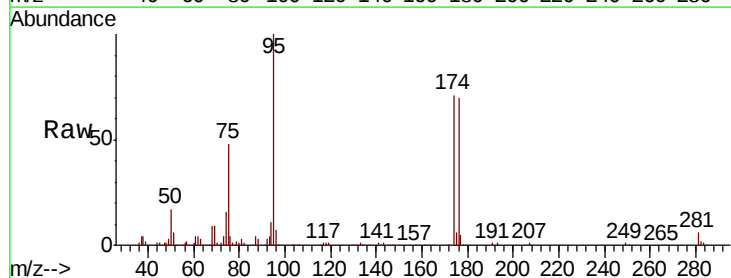
Tgt Ion: 95 Resp: 72153

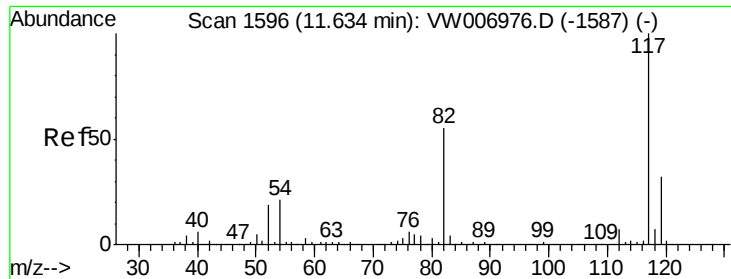
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.6

176 71.1 0.0 140.4

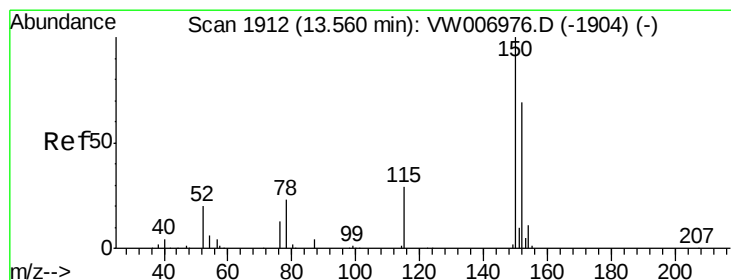
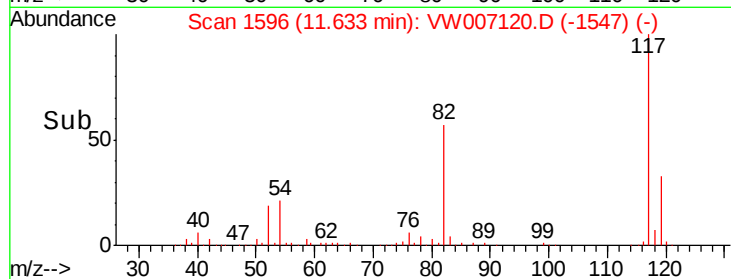
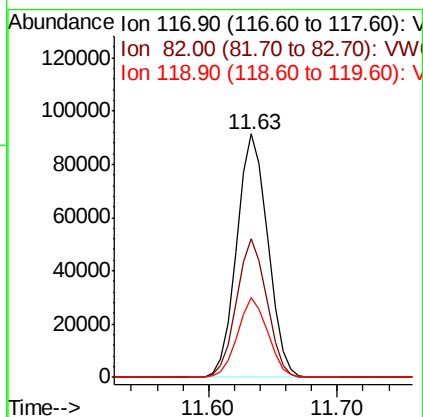
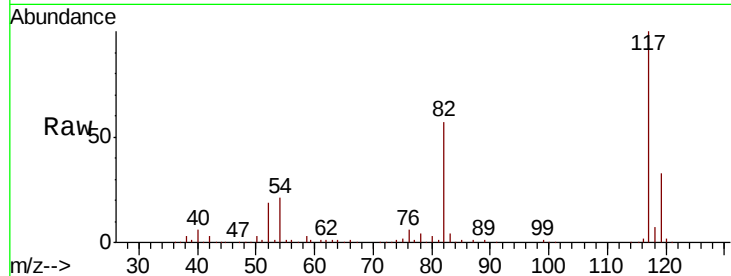




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

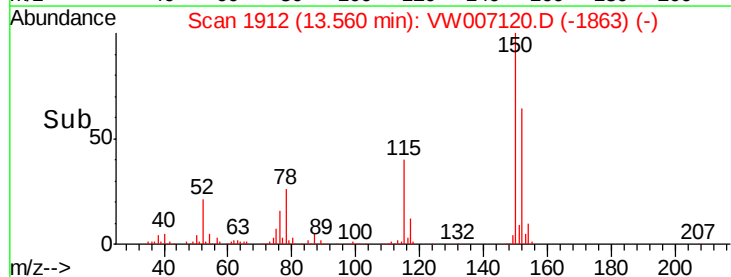
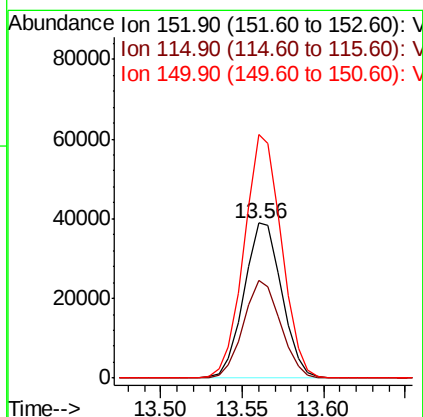
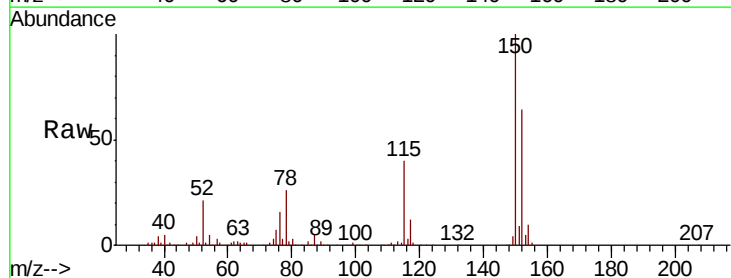
Instrument :
MSVOA_W
ClientSampleId :
OK-01-112818

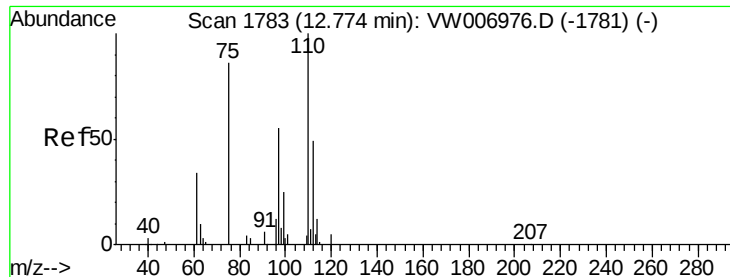
Tot Ion:117 Resp: 152402
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Tgt Ion:152 Resp: 62981
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.2
150 155.2 0.0 353.4

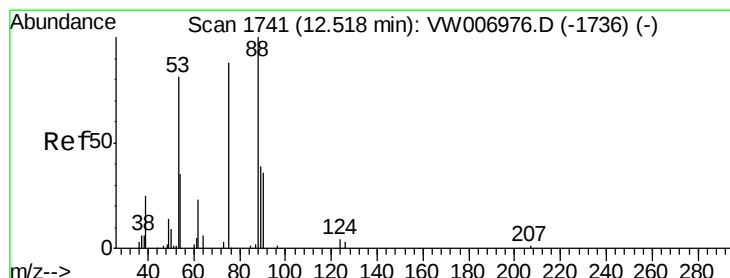
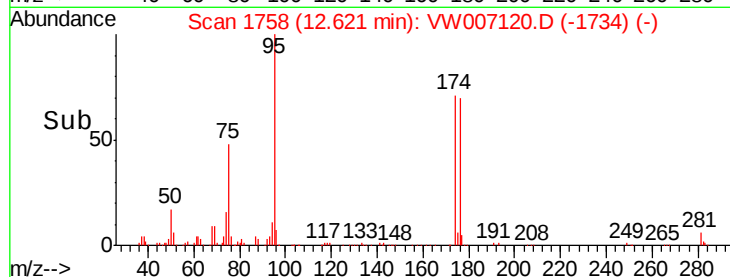
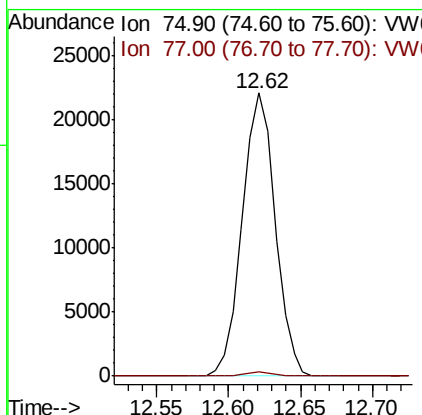
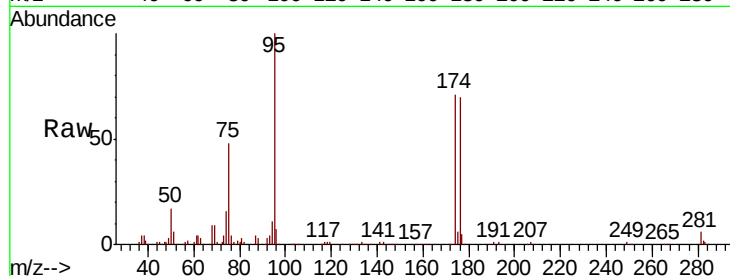




#76
 1,2,3-Trichloropropane
 Concen: 70.782 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

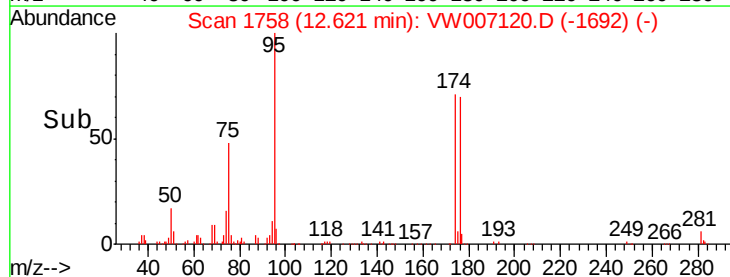
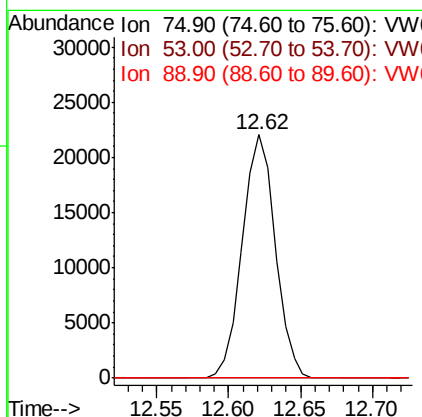
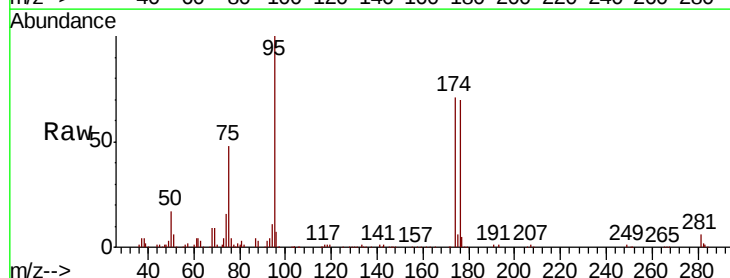
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-112818

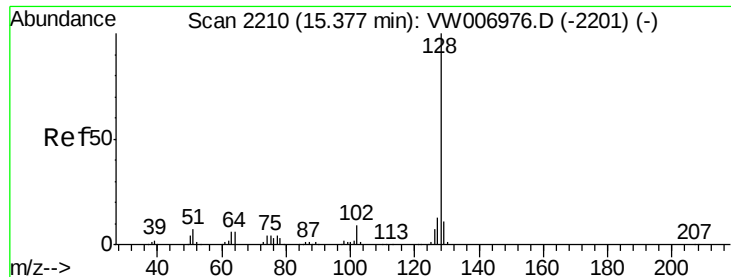
Tot Ion: 75 Resp: 35030
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 177.705 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007120.D
 Acq: 28 Nov 2018 18:06

Tgt Ion: 75 Resp: 35030
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 39.3 58.9#





#95
Naphthalene
Concen: 1.308 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007120.D
Acq: 28 Nov 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :
OK-01-112818

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	8.7	8.7	13.1

