

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007070.D
 Acq On : 27 Nov 2018 03:02
 Operator : VAY/AP
 Sample : J5770-05RE
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-112118-ARE

Quant Time: Nov 27 05:32:13 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	113314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	63403	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	54296	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.32	98	139952	30.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.08%	
62) 4-Bromofluorobenzene	12.62	95	67716	37.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.10%	

Target Compounds

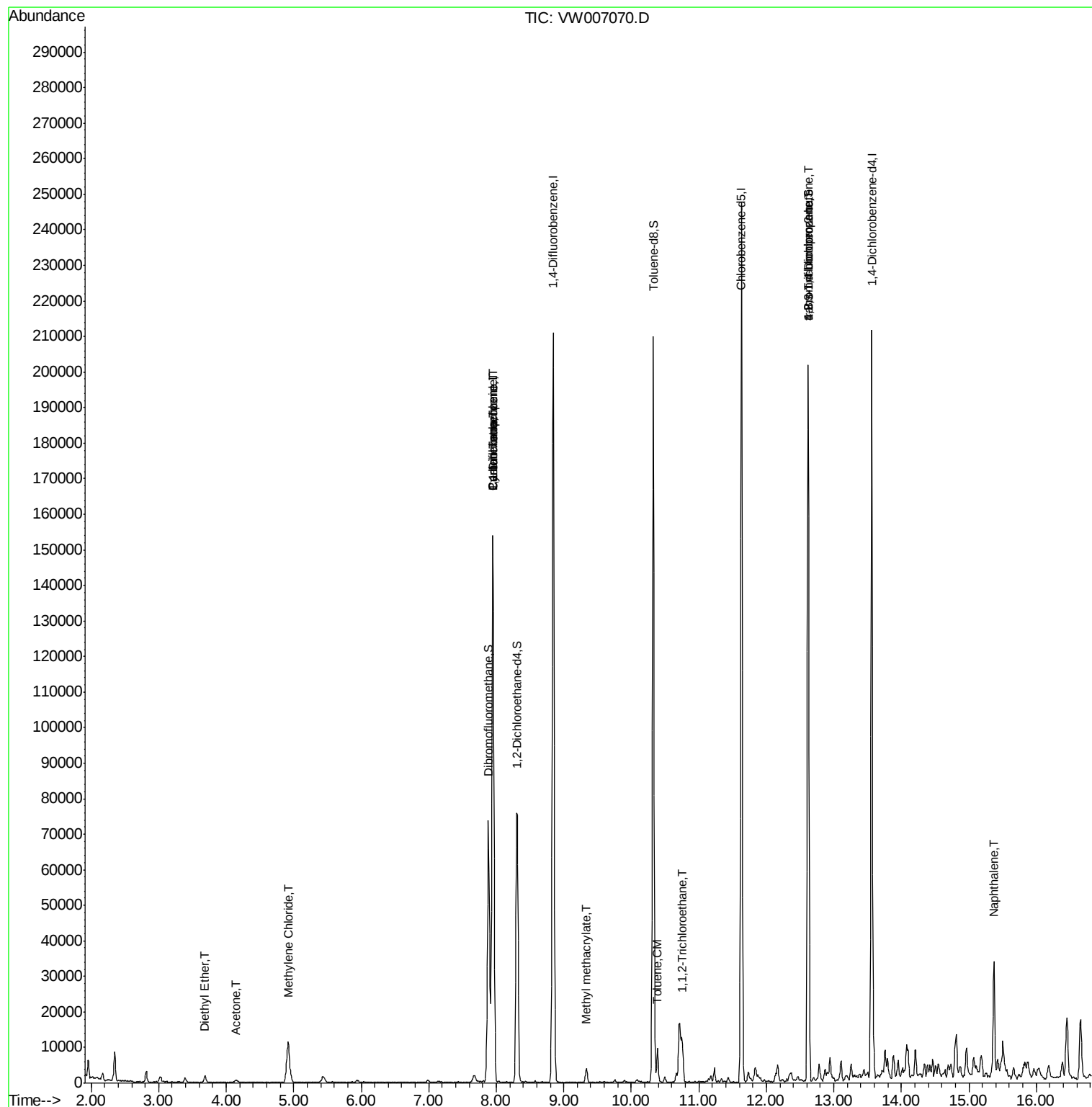
					Qvalue	
8) Diethyl Ether	3.68	74	951	1.636	ug/l	99
16) Acetone	4.14	43	1487	9.232	ug/l	98
20) Methylene Chloride	4.92	84	8633	1.486	ug/l	91
31) Cyclohexane	7.95	56	3213	1.504	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	8715	4.853	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11579	6.733	ug/l #	17
48) Methyl methacrylate	9.33	41	856	1.432	ug/l #	65
52) Toluene	10.39	92	4316	1.308	ug/l	97
55) 1,1,2-Trichloroethane	10.75	97	881	1.001	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	32951	77.294	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32951	194.053	ug/l #	10
95) Naphthalene	15.37	128	28472	14.683	ug/l	98

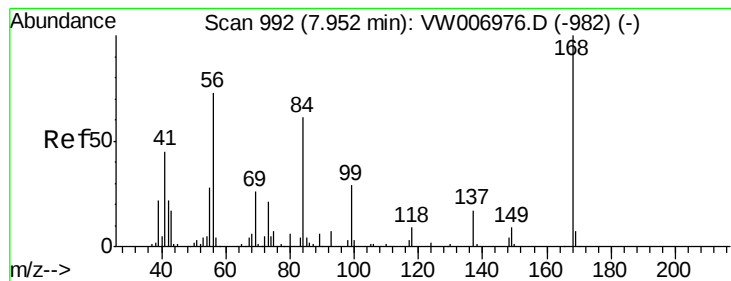
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007070.D

Acq: 27 Nov 2018 03:02

Instrument :

MSVOA_W

ClientSampleId :

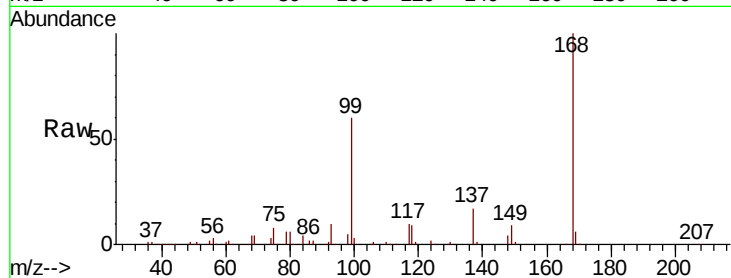
OR-02-112118-ARE

Tot Ion:168 Resp: 113314

Ion Ratio Lower Upper

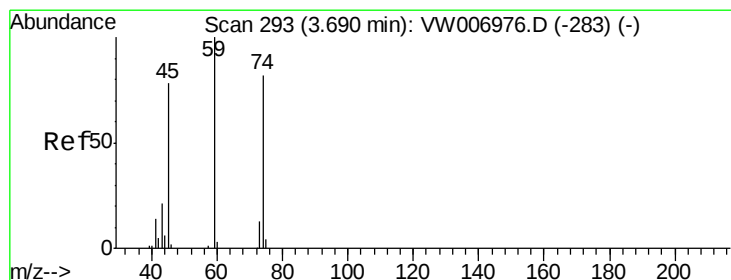
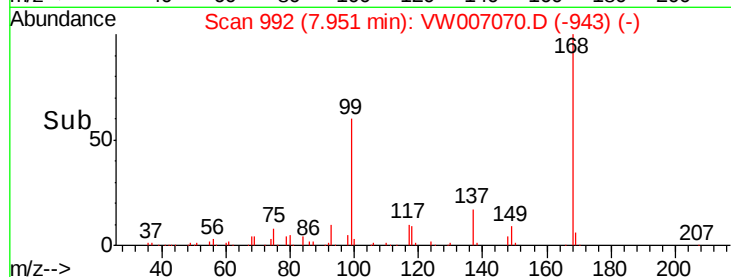
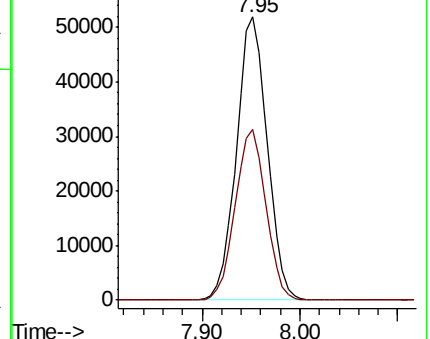
168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.636 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007070.D

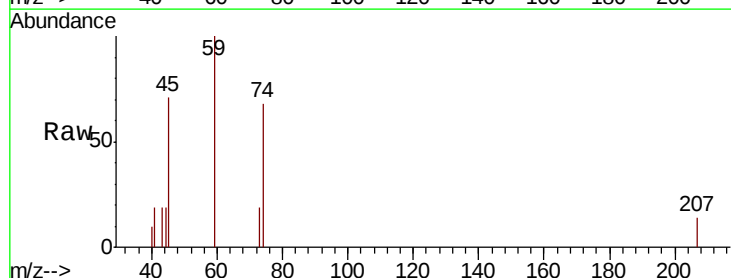
Acq: 27 Nov 2018 03:02

Tgt Ion: 74 Resp: 951

Ion Ratio Lower Upper

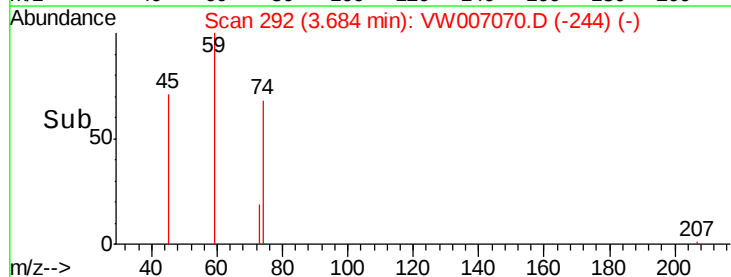
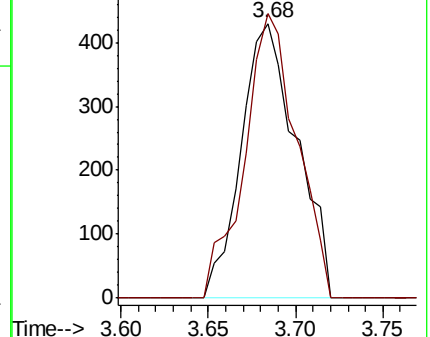
74 100

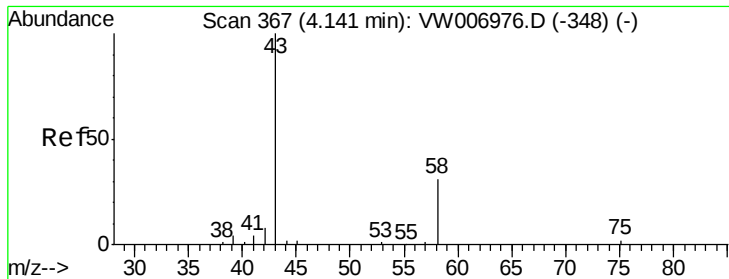
45 97.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 9.232 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007070.D

Acq: 27 Nov 2018 03:02

Instrument :

MSVOA_W

ClientSampleId :

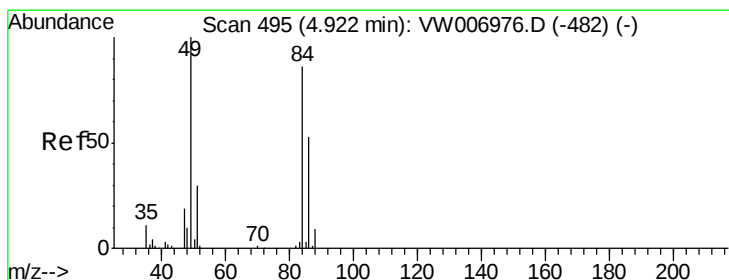
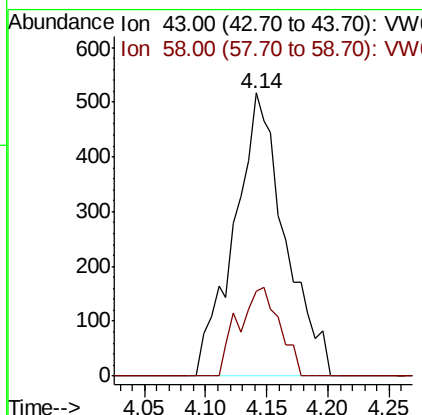
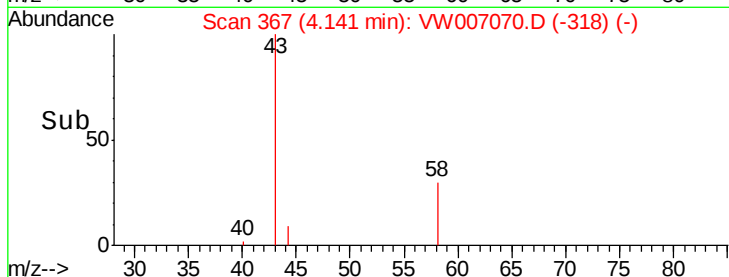
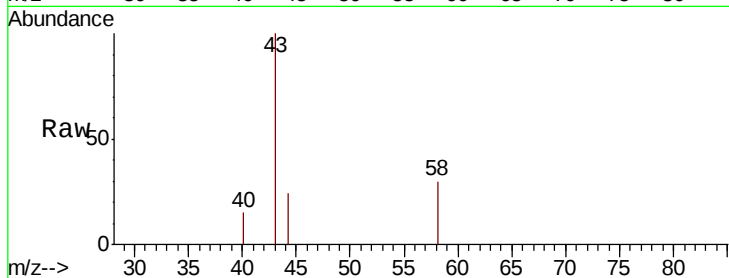
OR-02-112118-ARE

Tot Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

58 30.0 24.8 37.2



#20

Methylene Chloride

Concen: 1.486 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007070.D

Acq: 27 Nov 2018 03:02

Tgt Ion: 84 Resp: 8633

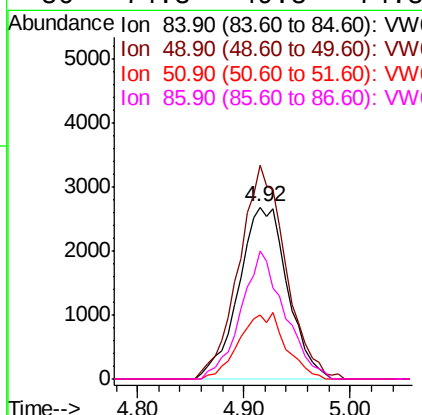
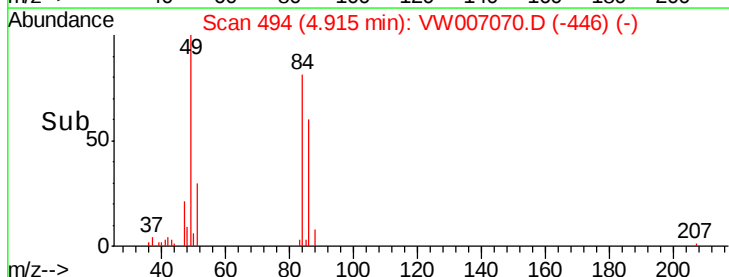
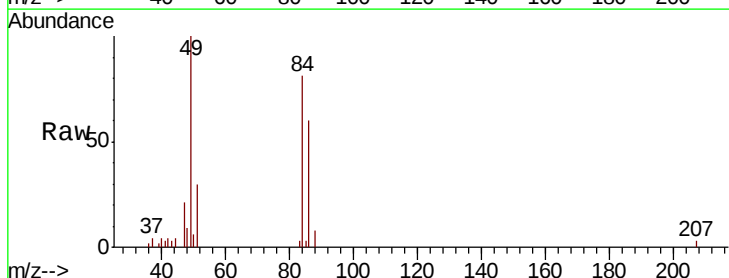
Ion Ratio Lower Upper

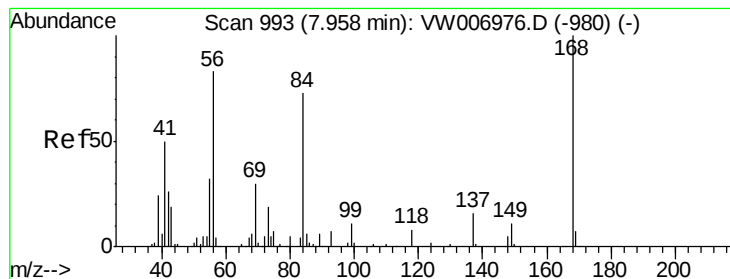
84 100

49 124.2 93.4 140.0

51 37.5 28.4 42.6

86 74.3 49.8 74.8





#31

Cyclohexane

Concen: 1.504 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007070.D

Acq: 27 Nov 2018 03:02

Instrument :

MSVOA_W

ClientSampleId :

OR-02-112118-ARE

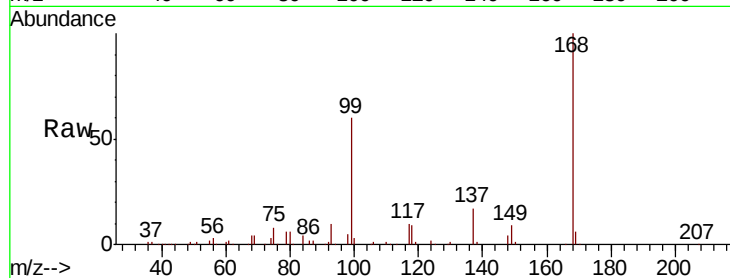
Tot Ion: 56 Resp: 3213

Ion Ratio Lower Upper

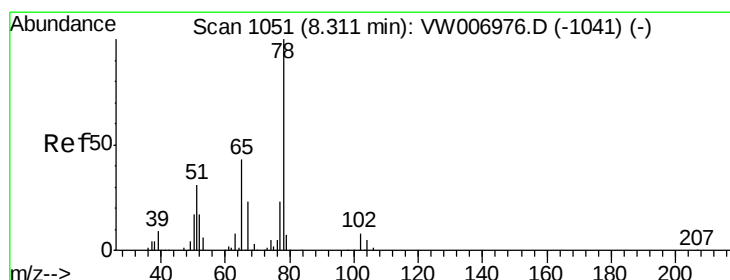
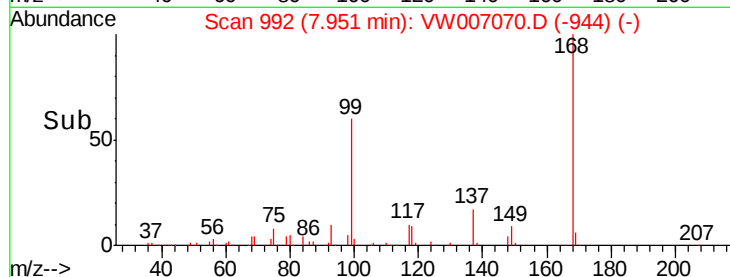
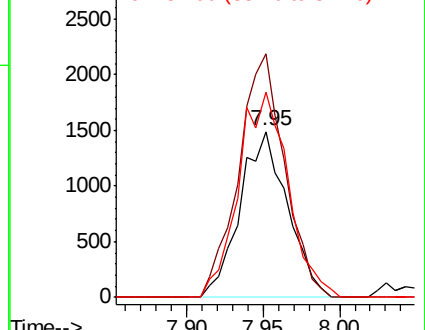
56 100

69 146.7 29.1 43.7#

84 123.5 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: 57.152 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007070.D

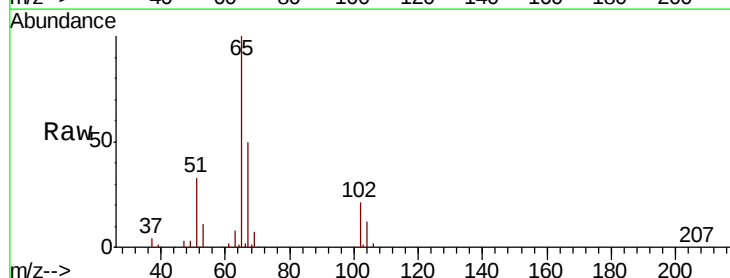
Acq: 27 Nov 2018 03:02

Tgt Ion: 65 Resp: 63403

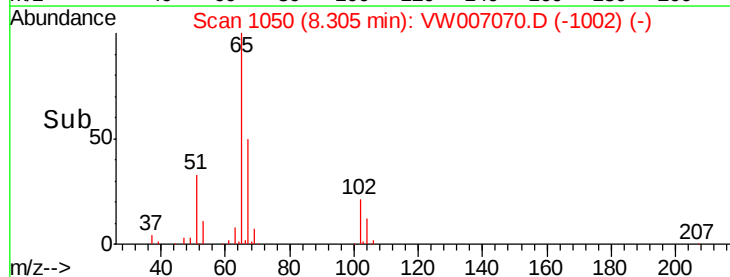
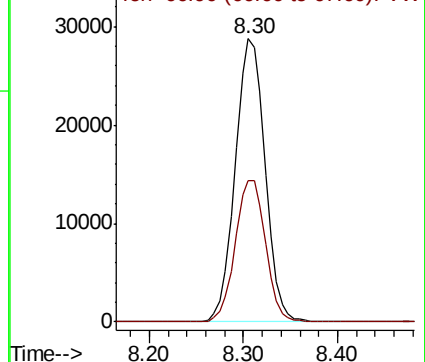
Ion Ratio Lower Upper

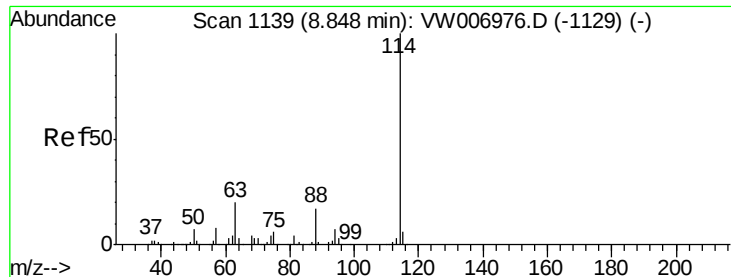
65 100

67 50.8 0.0 106.2



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

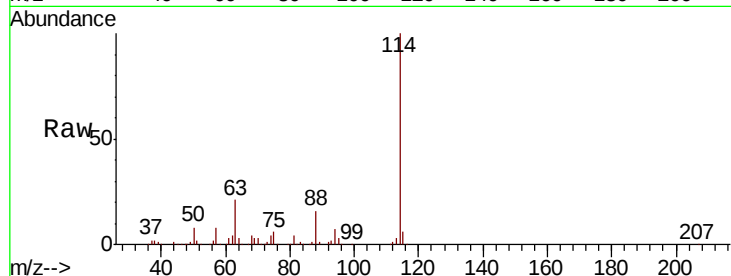




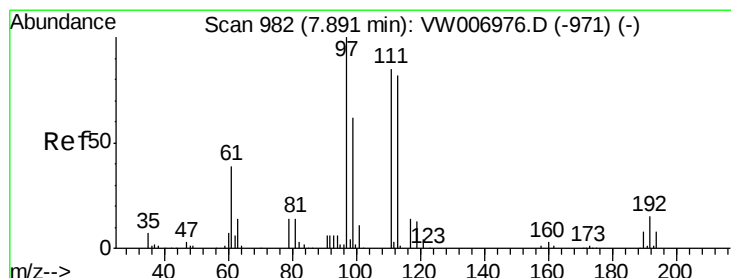
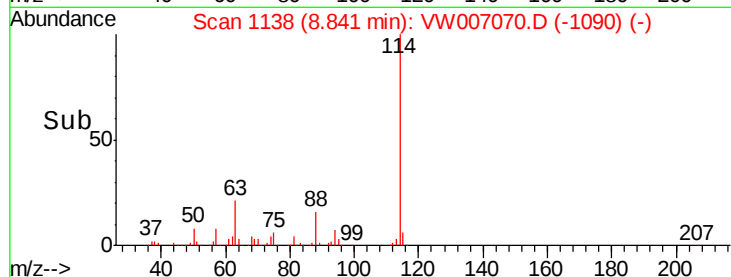
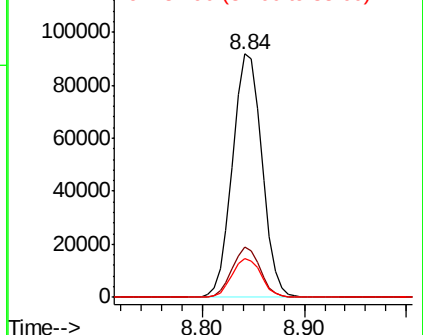
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007070.D
 Acq: 27 Nov 2018 03:02

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-112118-ARE

Tot Ion:114 Resp: 183766
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 16.1 0.0 34.2

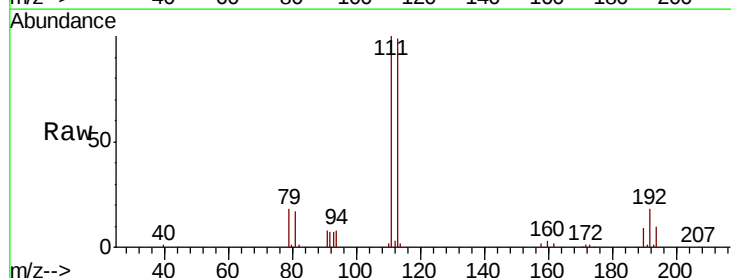


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

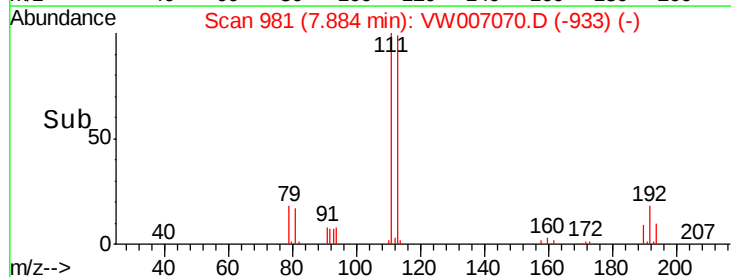
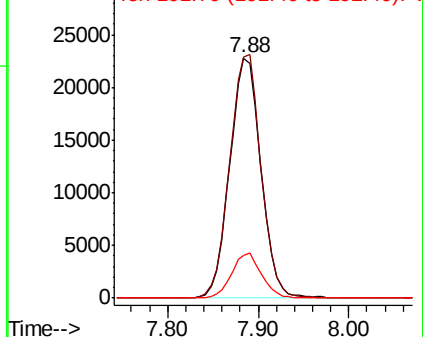


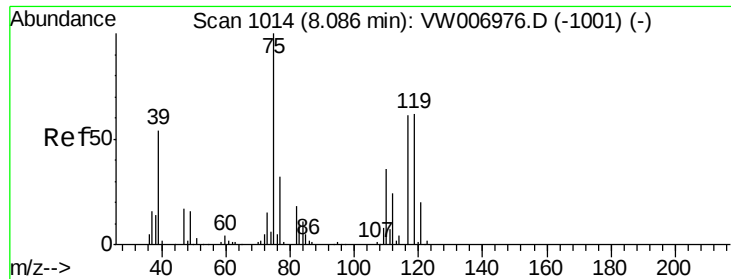
#35
 Dibromofluoromethane
 Concen: 52.320 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007070.D
 Acq: 27 Nov 2018 03:02

Tgt Ion:113 Resp: 54296
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.0 121.6
 192 18.0 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

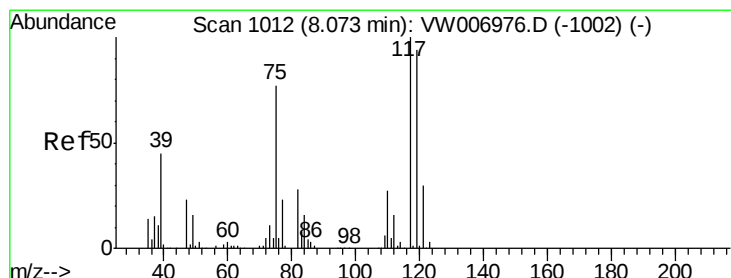
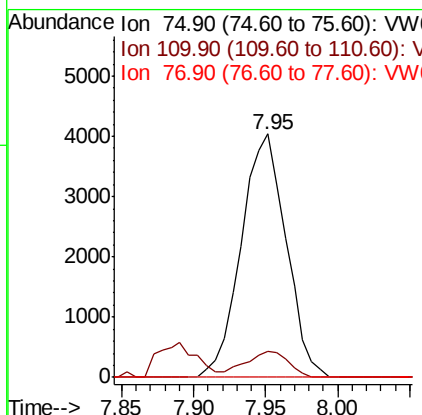
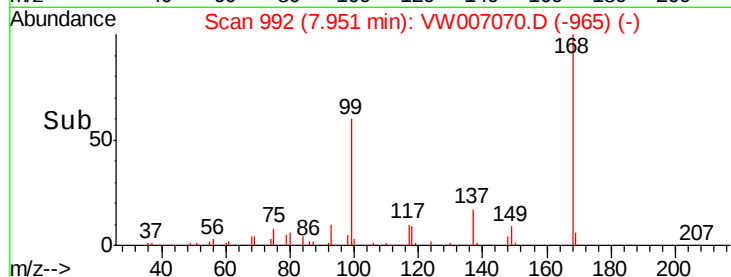
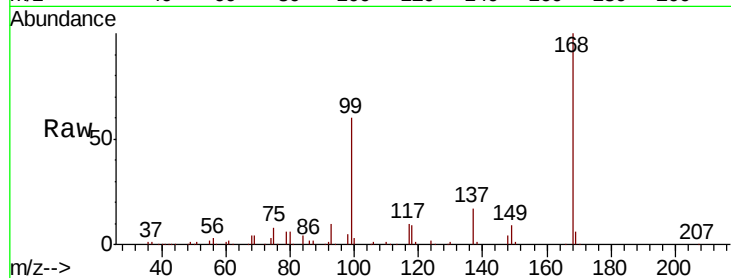




#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007070.D
 Acq: 27 Nov 2018 03:02

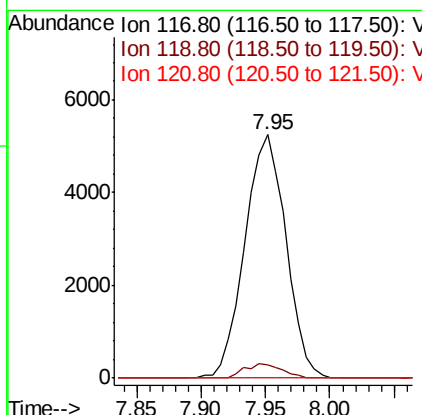
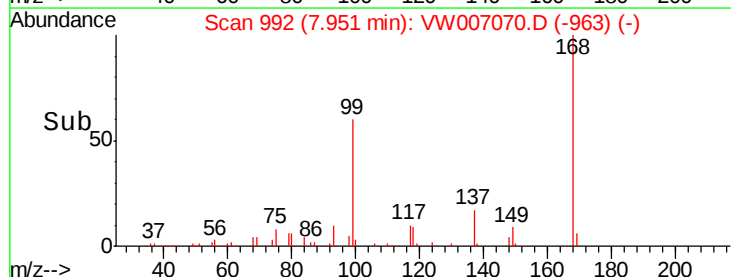
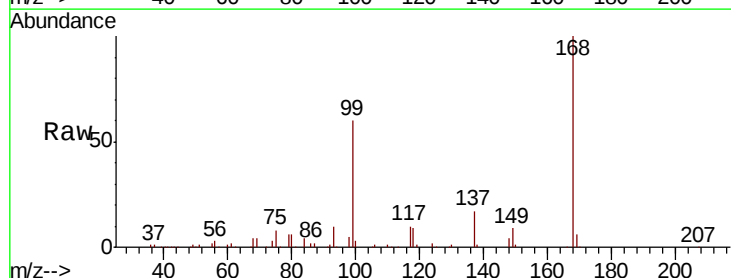
Instrument :
 MSVOA_W
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 OR-02-112118-ARE

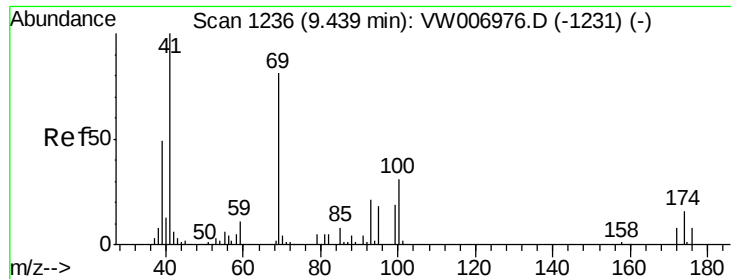
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.733 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007070.D
 Acq: 27 Nov 2018 03:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.9	112.3#
121	0.0	23.6	35.4#

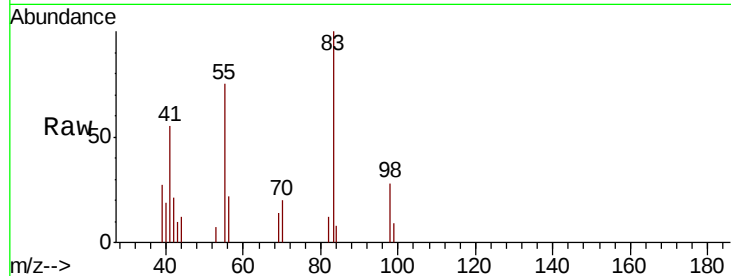




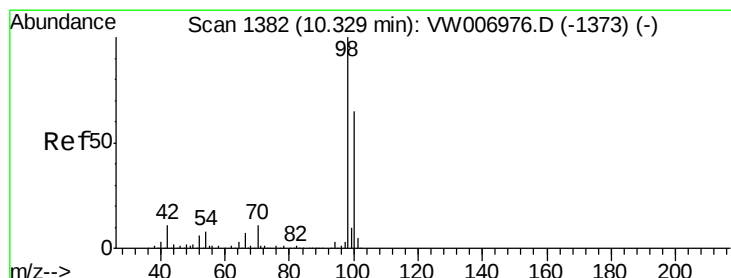
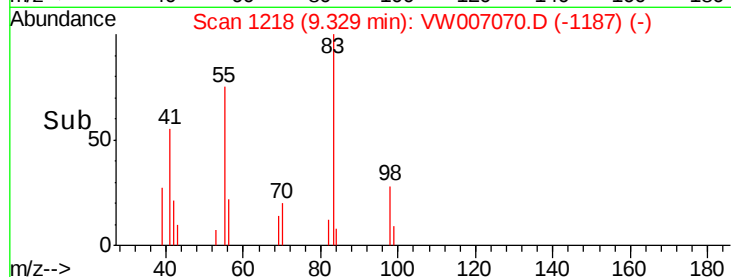
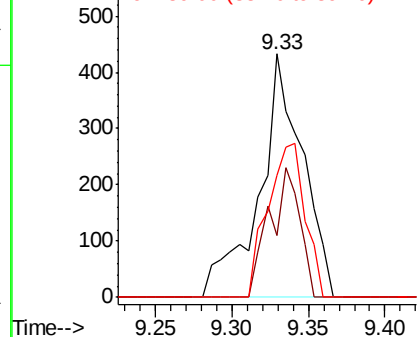
#48
Methvl methacrvlate
Concen: 1.432 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.11 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-ARE

Tot Ion: 41 Resp: 856
Ion Ratio Lower Upper
41 100
69 37.0 71.4 107.0#
39 54.0 44.8 67.2

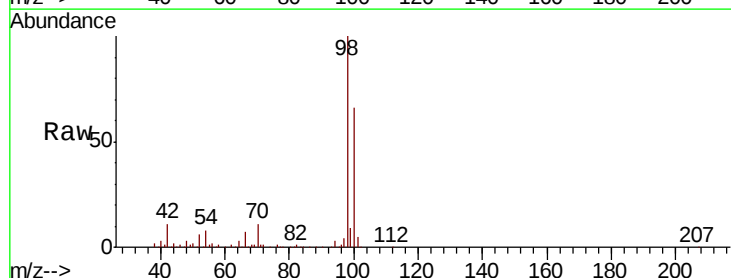


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

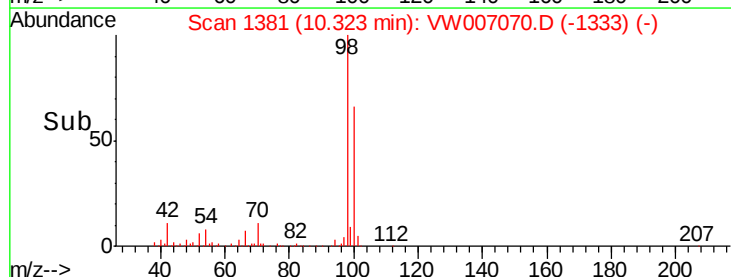
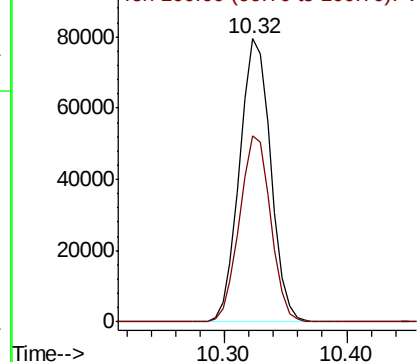


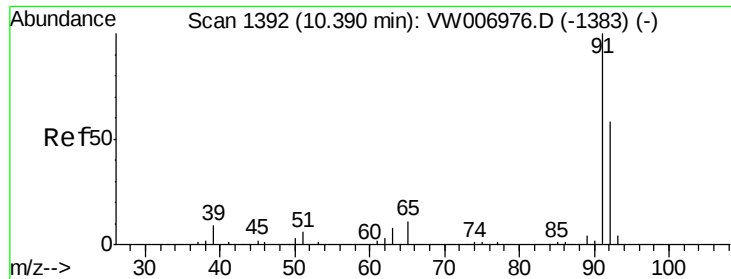
#50
Toluene-d8
Concen: 30.539 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Tgt Ion: 98 Resp: 139952
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.308 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007070.D

Acq: 27 Nov 2018 03:02

Instrument :

MSVOA_W

ClientSampleId :

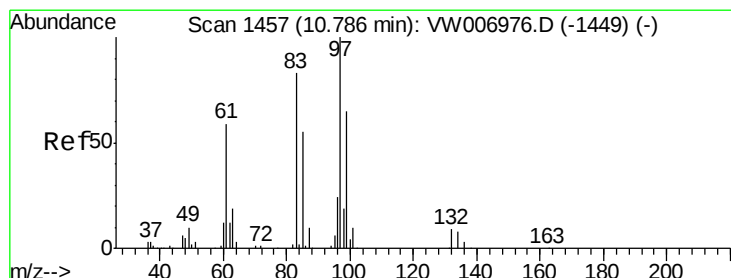
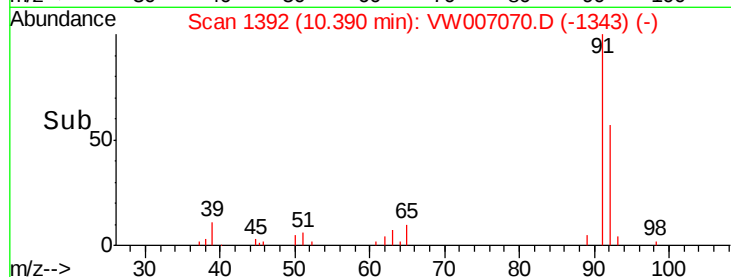
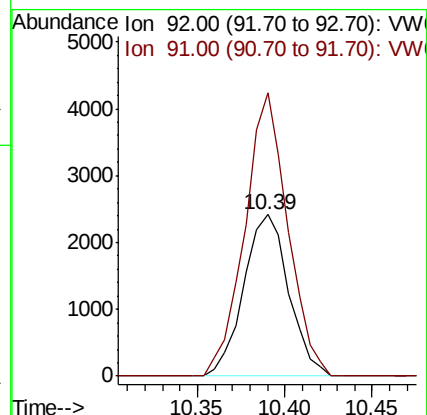
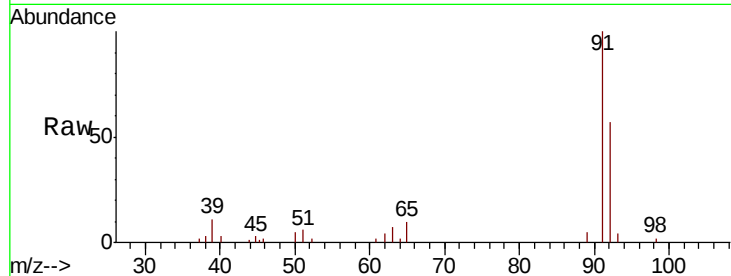
OR-02-112118-ARE

Tot Ion: 92 Resp: 4316

Ion Ratio Lower Upper

92 100

91 167.2 137.3 205.9



#55

1,1,2-Trichloroethane

Concen: 1.001 ug/l

RT: 10.75 min Scan# 1451

Delta R.T. -0.04 min

Lab File: VW007070.D

Acq: 27 Nov 2018 03:02

Tgt Ion: 97 Resp: 881

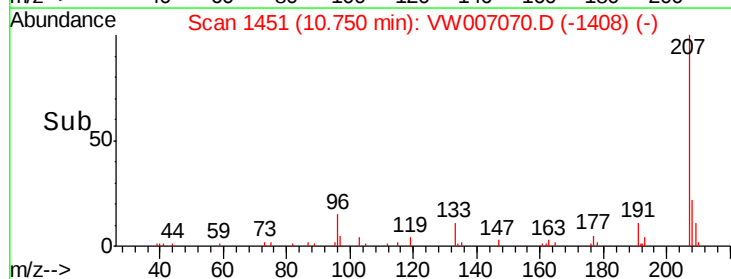
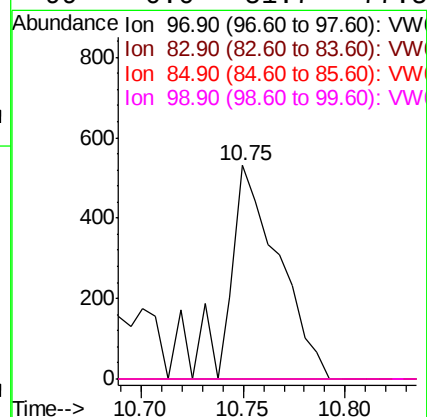
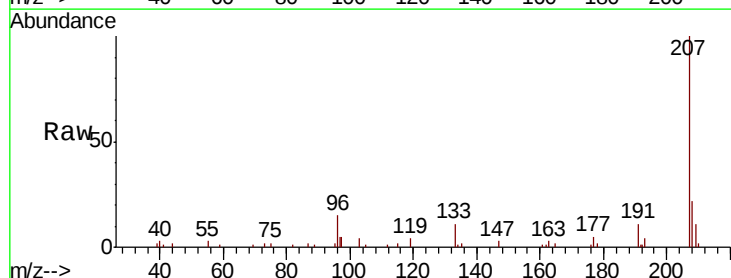
Ion Ratio Lower Upper

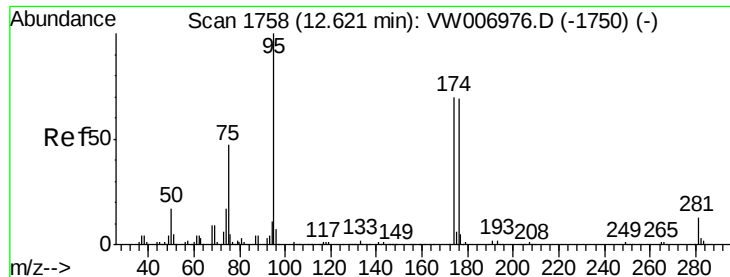
97 100

83 0.0 66.4 99.6#

85 0.0 44.1 66.1#

99 0.0 51.7 77.5#

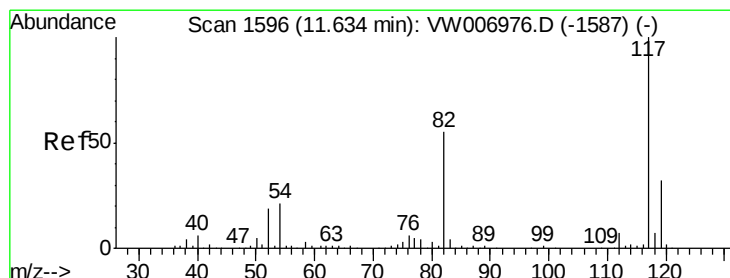
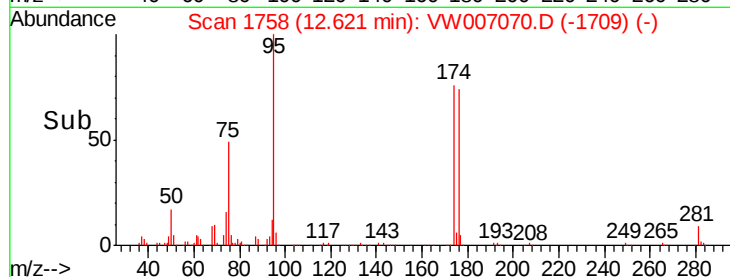
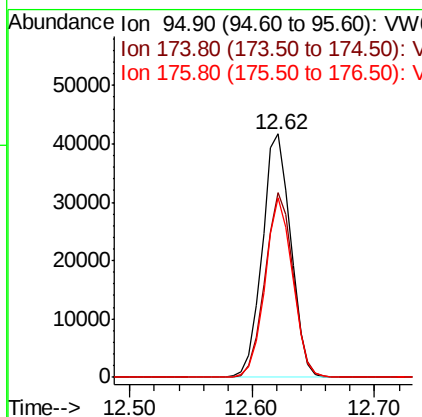
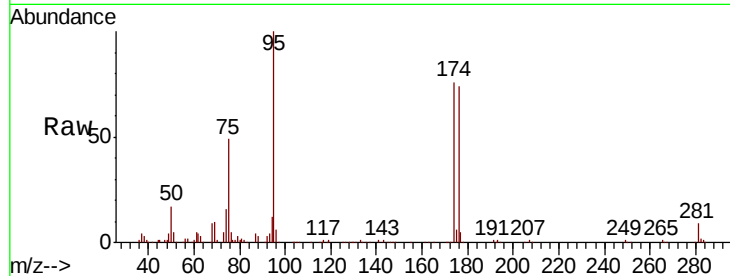




#62
4-Bromofluorobenzene
Concen: 37.550 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

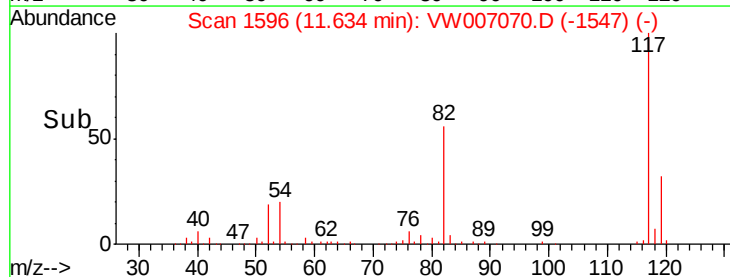
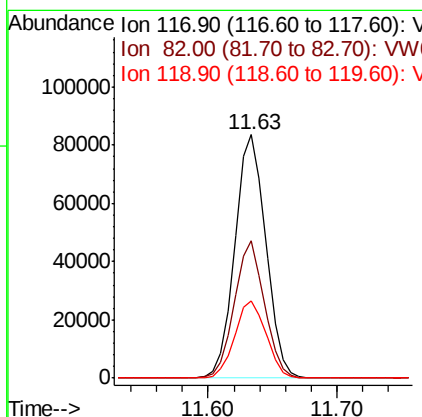
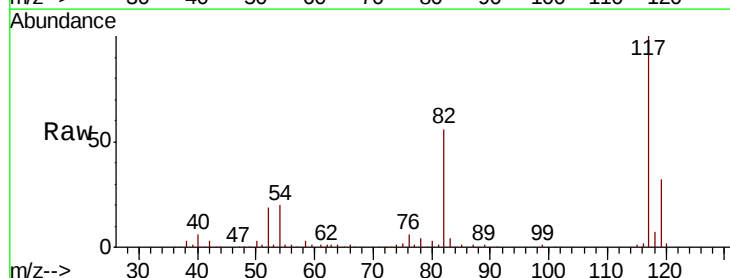
Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-ARE

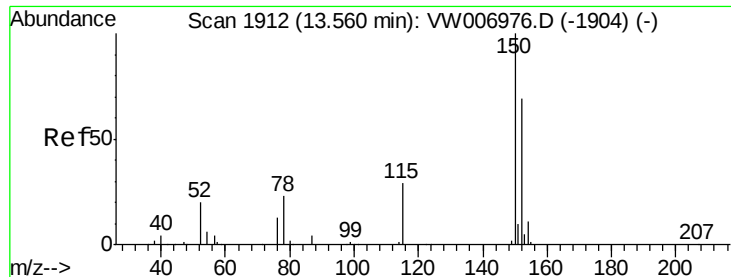
Tot Ion: 95 Resp: 67716
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.6
176 71.0 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Tgt Ion: 117 Resp: 138996
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.9 25.9 38.9



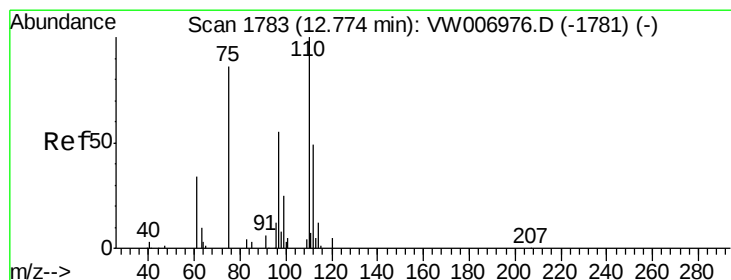
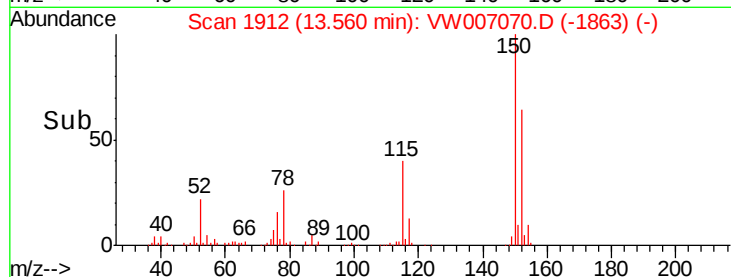
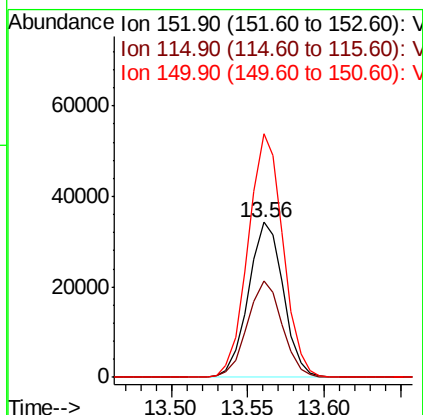
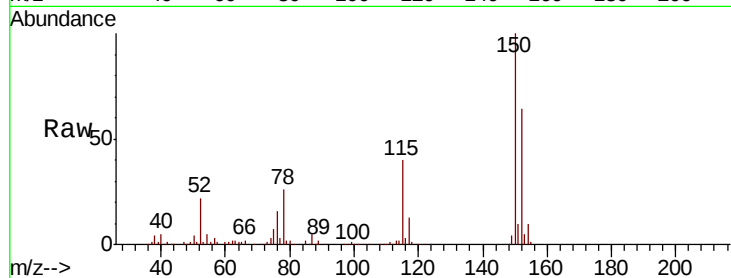


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-ARE

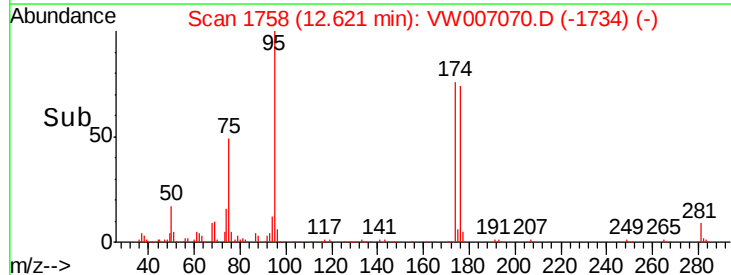
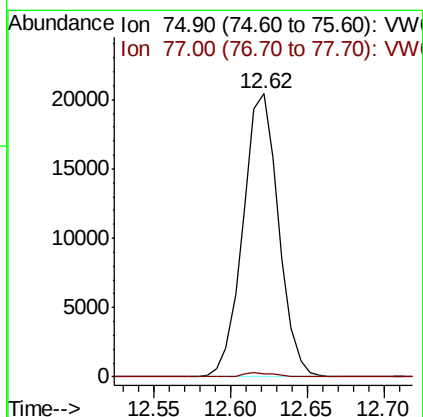
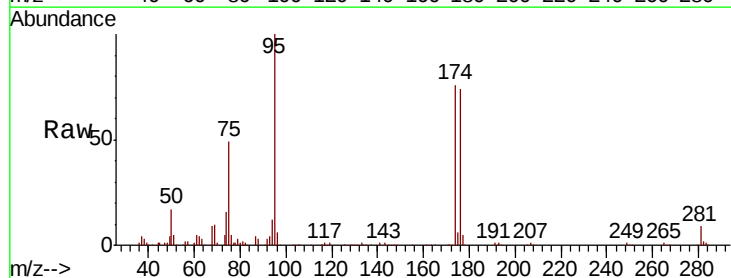
Tot Ion:152 Resp: 54252
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.2
150 157.2 0.0 353.4

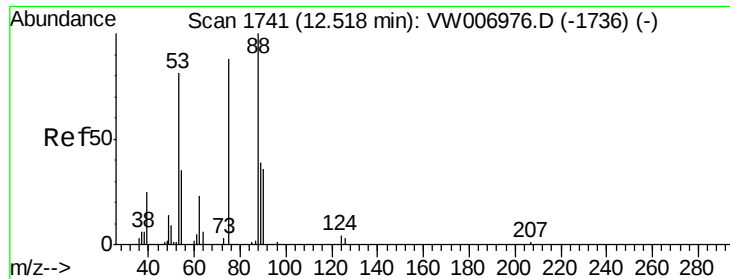


#76

1,2,3-Trichloropropane
Concen: 77.294 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Tgt Ion: 75 Resp: 32951
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

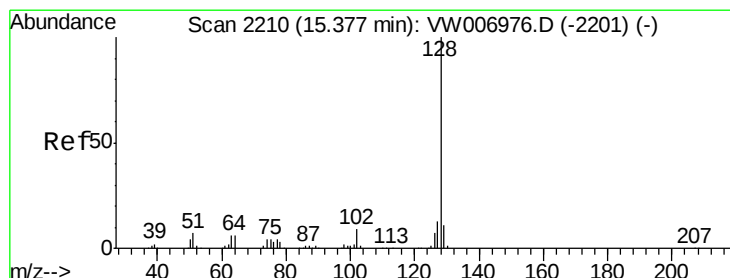
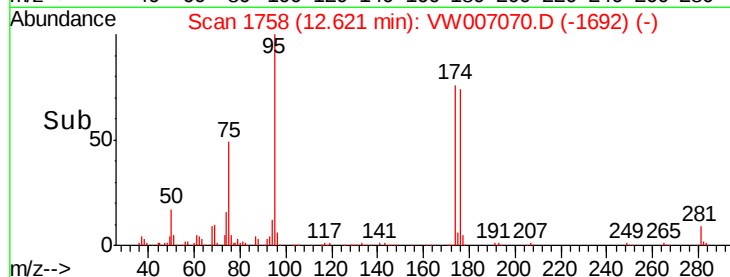
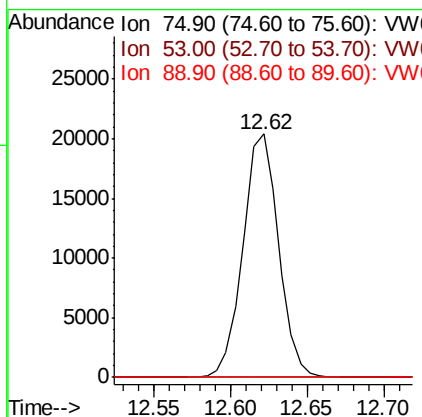
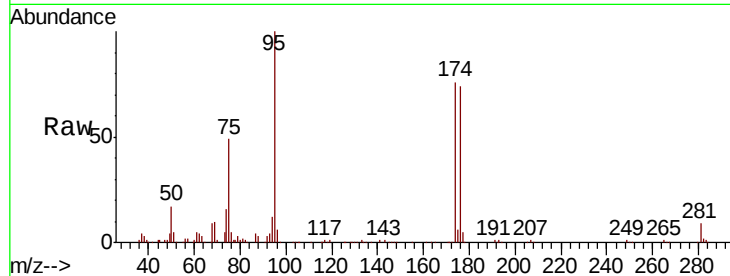




#81
trans-1,4-Dichloro-2-butene
Concen: 194.053 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Instrument :
MSVOA_W
ClientSampleId :
OR-02-112118-ARE

Tot Ion: 75 Resp: 32951
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 14.683 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007070.D
Acq: 27 Nov 2018 03:02

Tgt Ion: 128 Resp: 28472
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.5 8.7 13.1

