

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007528.D
 Acq On : 14 Dec 2018 12:07
 Operator : SY/AP
 Sample : J6322-11
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

Quant Time: Dec 14 12:47:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51062	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	39837	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	7.88	113	36650	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
50) Toluene-d8	10.32	98	122996	40.45	ug/l	0.00
Spiked Amount			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	12.62	95	46248	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	

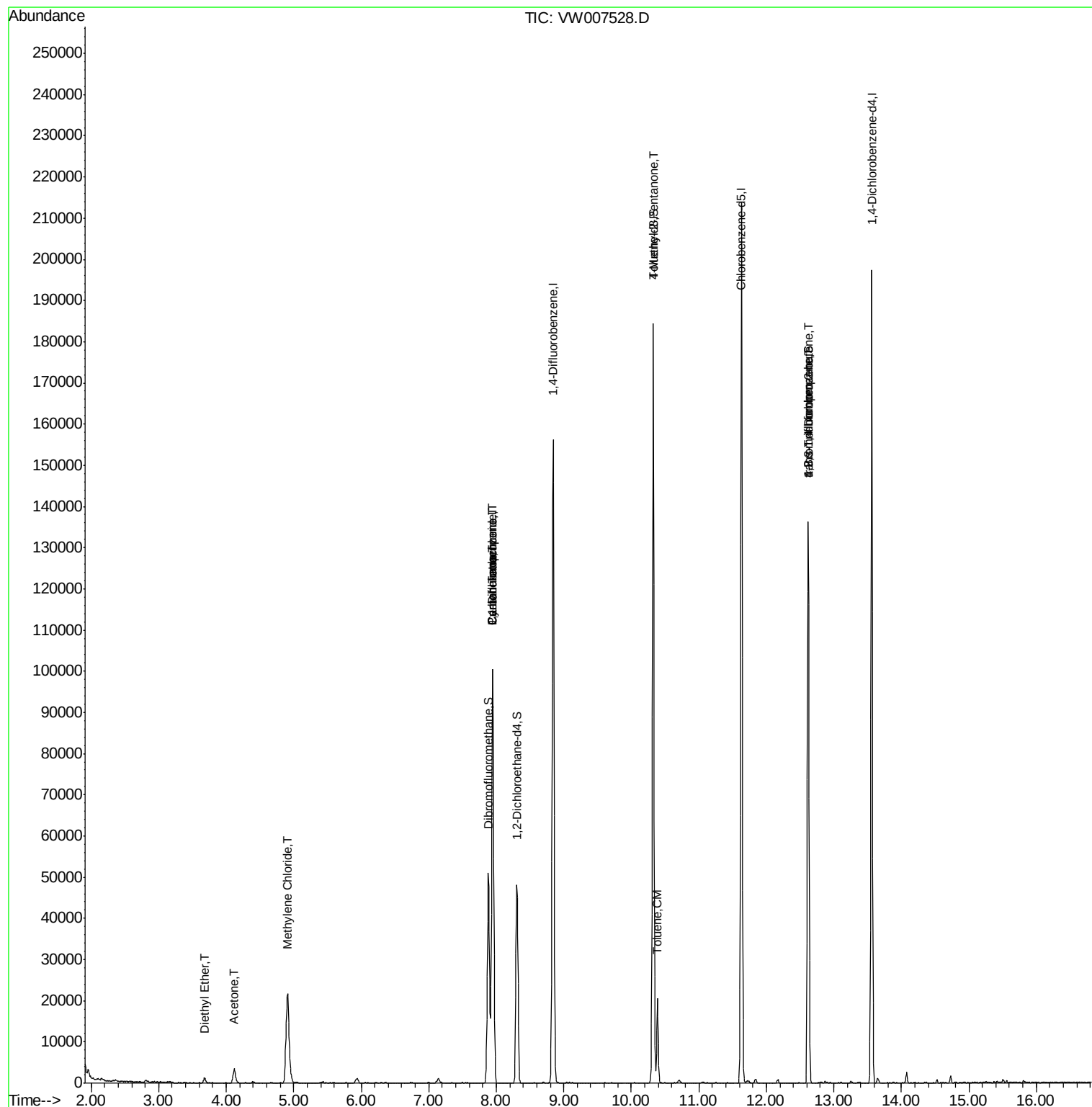
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	700	1.955	ug/l	88
16) Acetone	4.12	43	5963	41.528	ug/l #	87
20) Methylene Chloride	4.91	84	18323	21.068	ug/l	98
31) Cyclohexane	7.95	56	1437	1.125	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	5621	4.600	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7938	5.970	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	484	1.141	ug/l #	1
52) Toluene	10.39	92	8470	3.859	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	23952	56.890	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23952	125.671	ug/l #	7

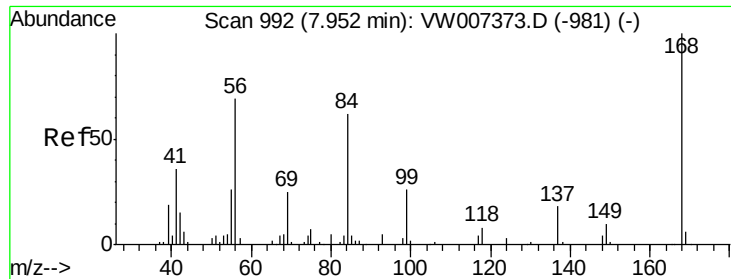
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUP-2A-G-3--120718

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

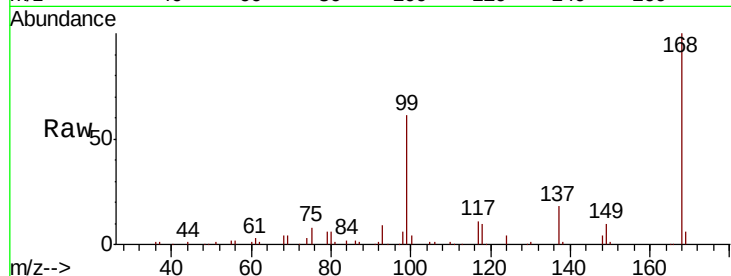
SUP-2A-G-3--120718

Tot Ion:168 Resp: 74098

Ion Ratio Lower Upper

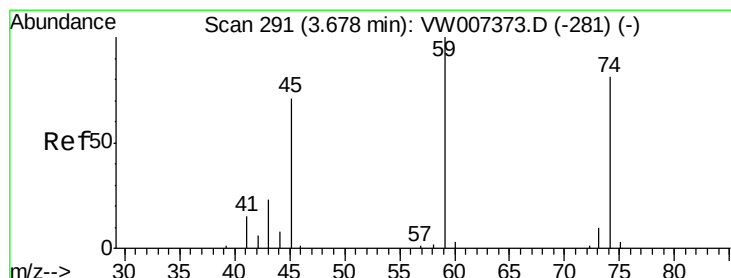
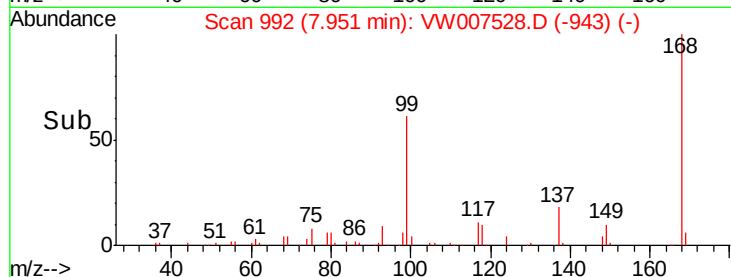
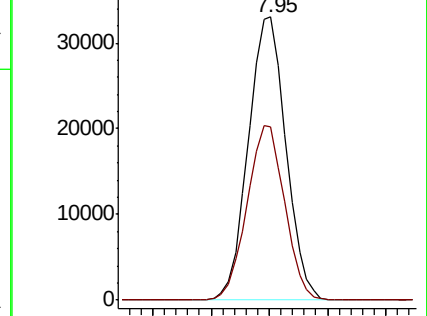
168 100

99 61.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.955 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007528.D

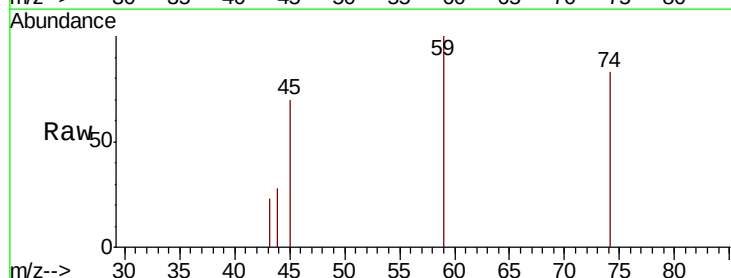
Acq: 14 Dec 2018 12:07

Tgt Ion: 74 Resp: 700

Ion Ratio Lower Upper

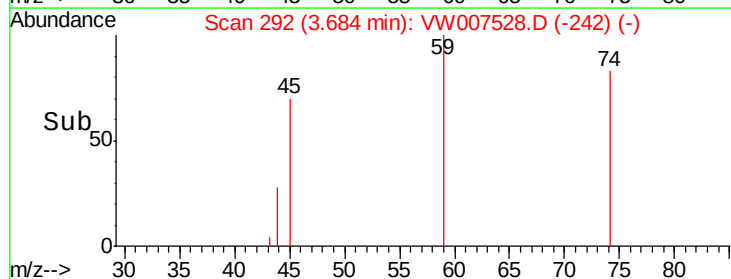
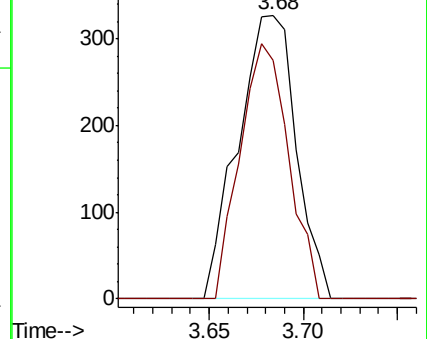
74 100

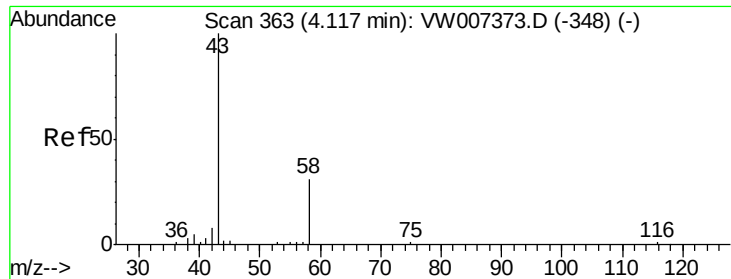
45 75.1 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 41.528 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

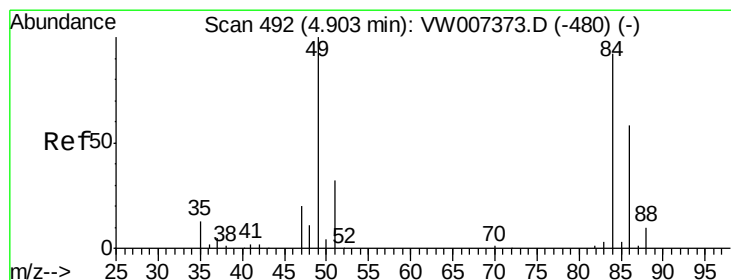
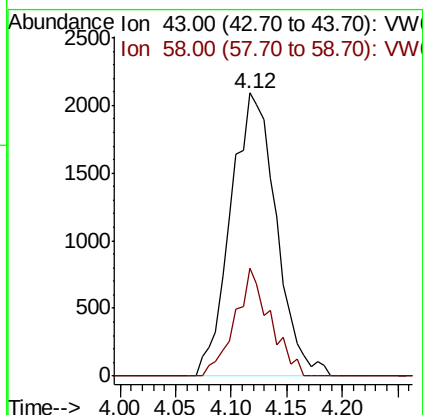
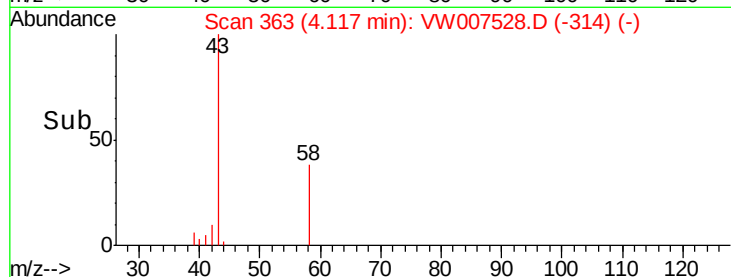
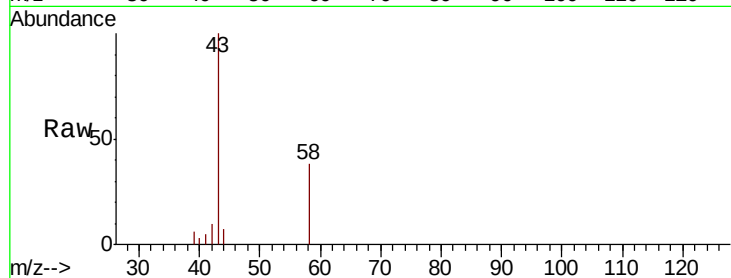
SUP-2A-G-3--120718

Tot Ion: 43 Resp: 5963

Ion Ratio Lower Upper

43 100

58 38.4 24.9 37.3#



#20

Methylene Chloride

Concen: 21.068 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Tgt Ion: 84 Resp: 18323

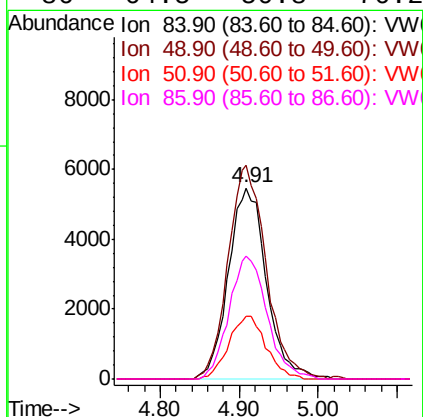
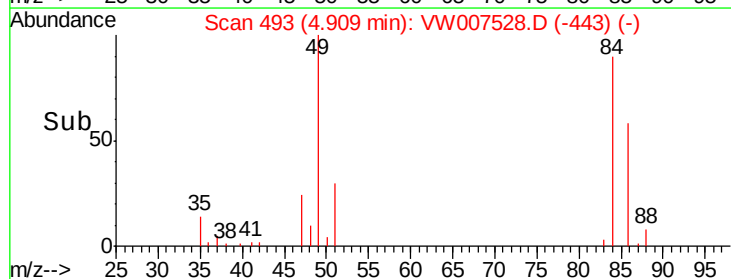
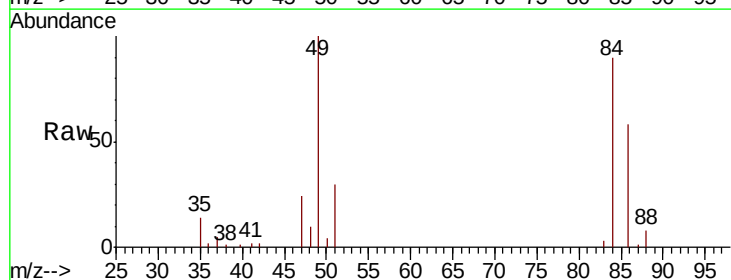
Ion Ratio Lower Upper

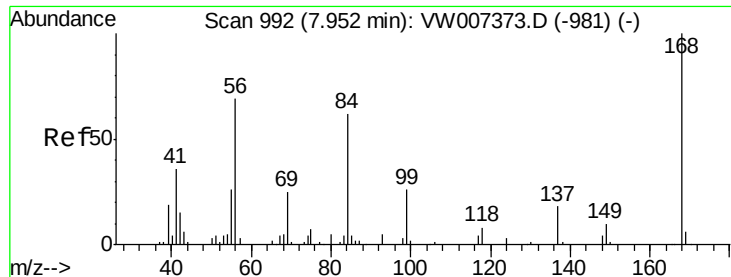
84 100

49 111.6 87.1 130.7

51 33.1 28.2 42.2

86 64.5 50.8 76.2

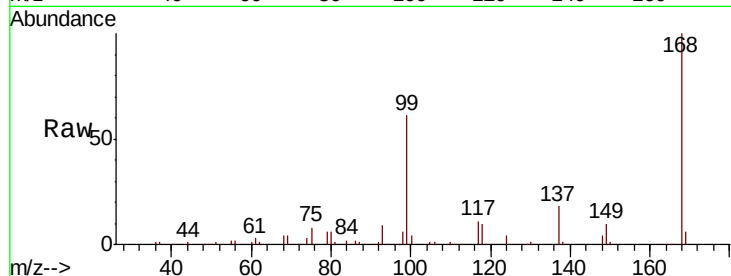




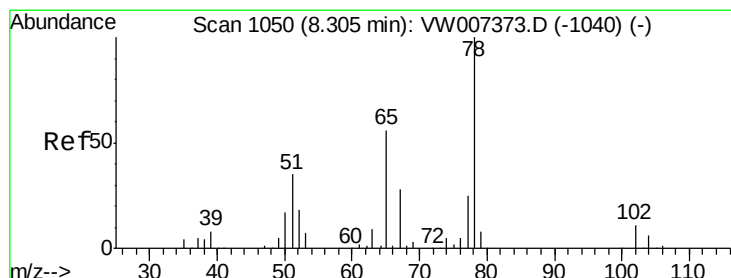
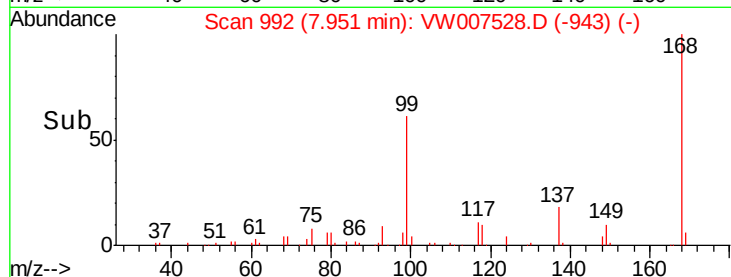
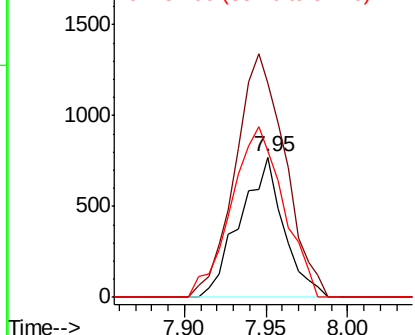
#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007528.D
Acq: 14 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-3--120718

Tot Ion: 56 Resp: 1437
Ion Ratio Lower Upper
56 100
69 152.5 28.9 43.3#
84 104.3 71.8 107.6

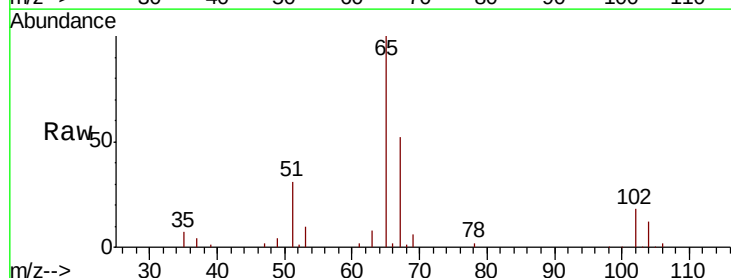


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

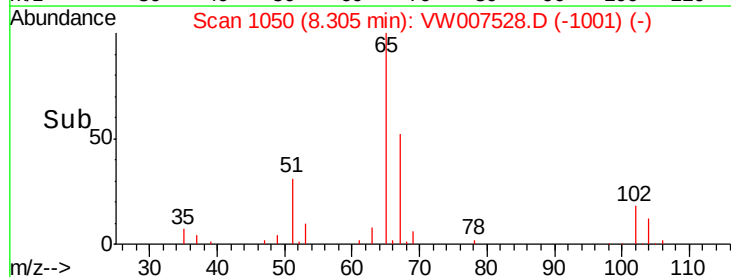
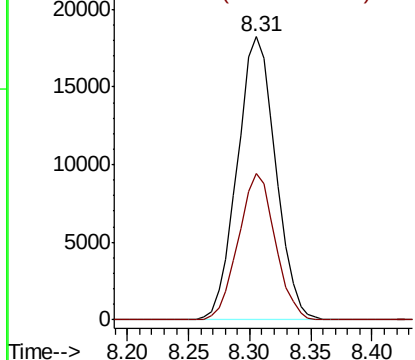


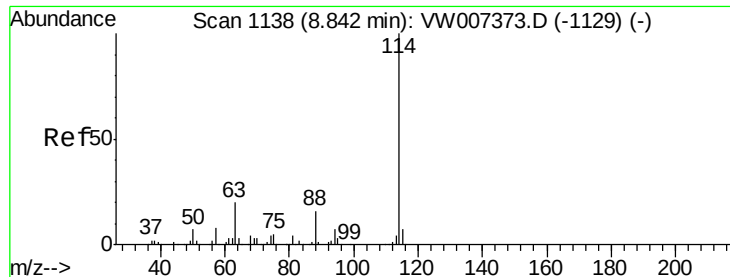
#33
1,2-Dichloroethane-d4
Concen: 48.460 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007528.D
Acq: 14 Dec 2018 12:07

Tgt Ion: 65 Resp: 39837
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.6



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

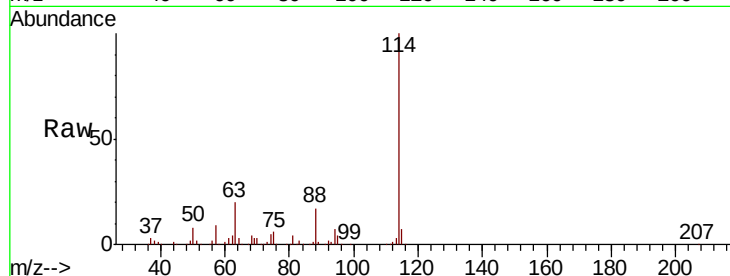




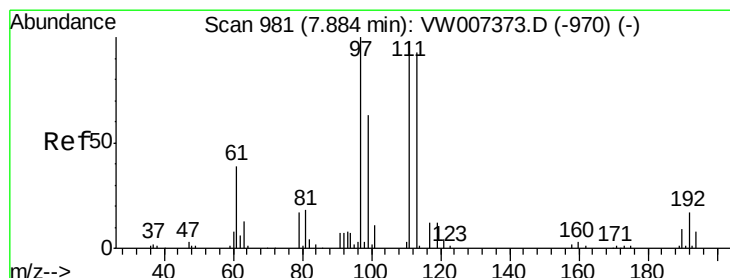
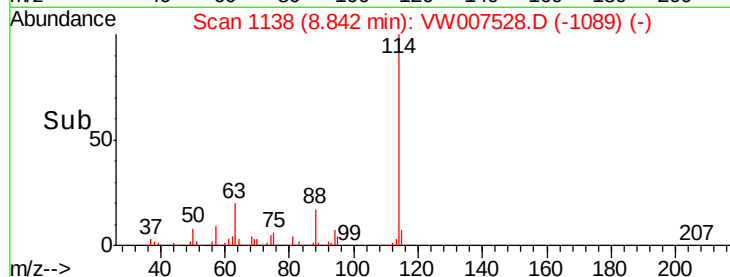
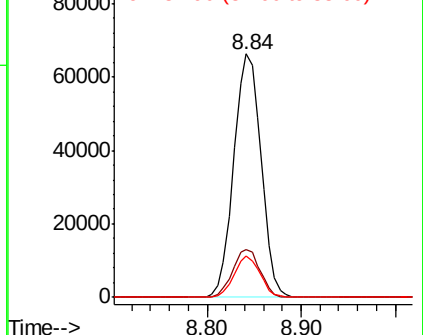
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.8	0.0	31.4

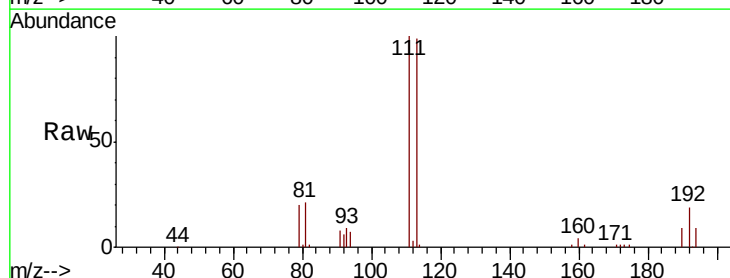


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

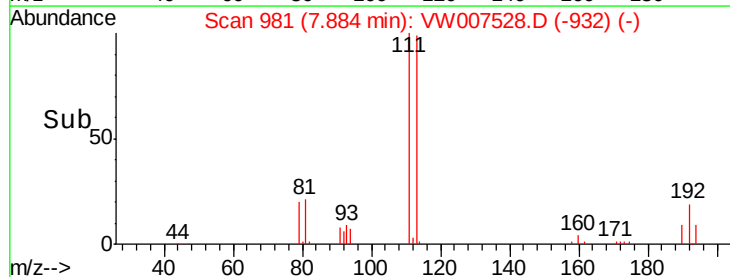
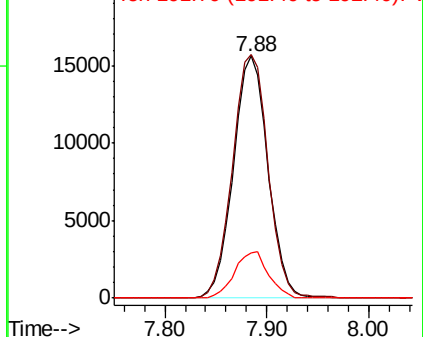


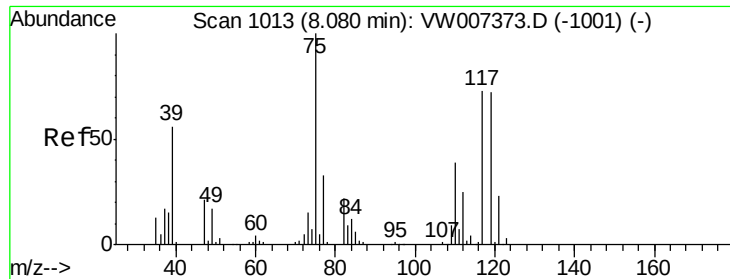
#35
 Dibromofluoromethane
 Concen: 45.198 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.1	121.7
192	18.7	14.6	21.8



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

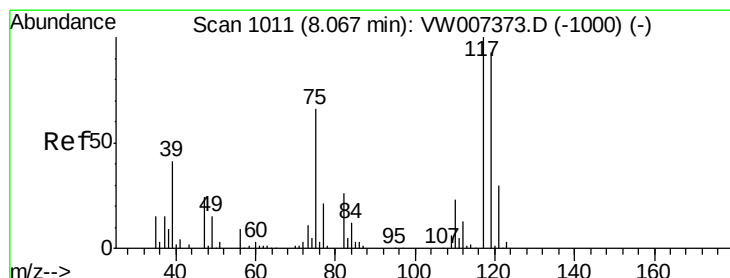
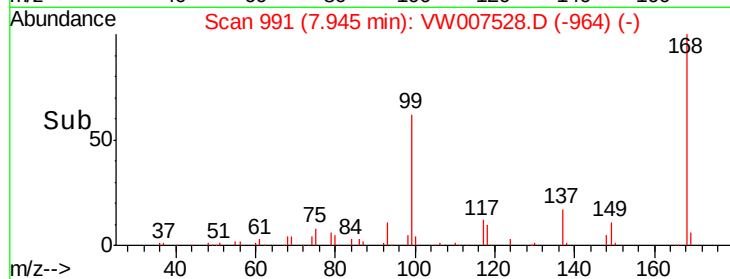
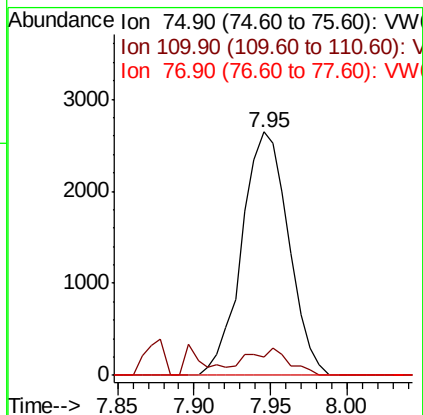
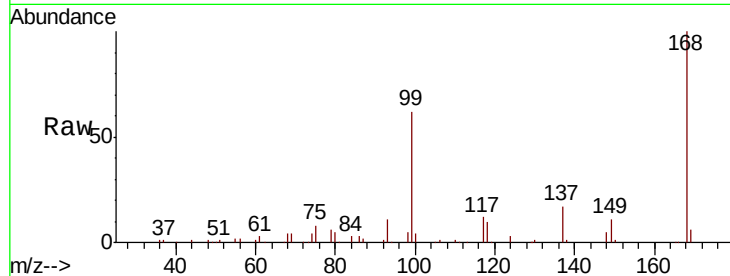




#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

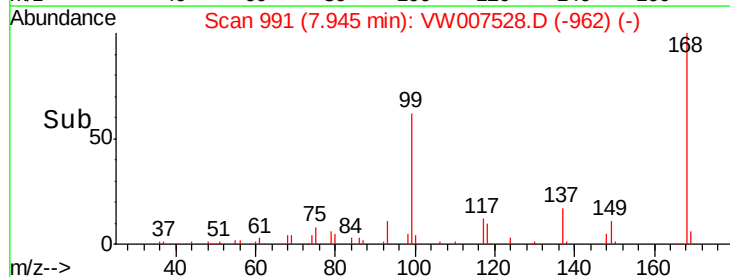
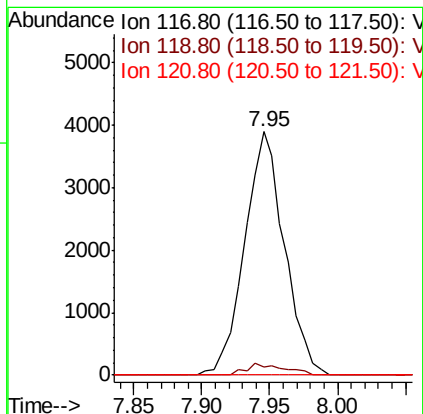
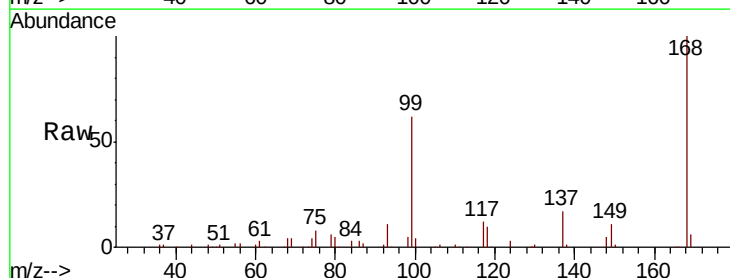
Instrument :
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 ClientSampleId :
 SUP-2A-G-3--120718

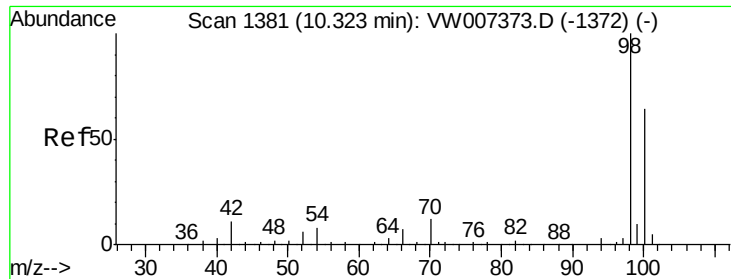
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.970 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 40.454 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

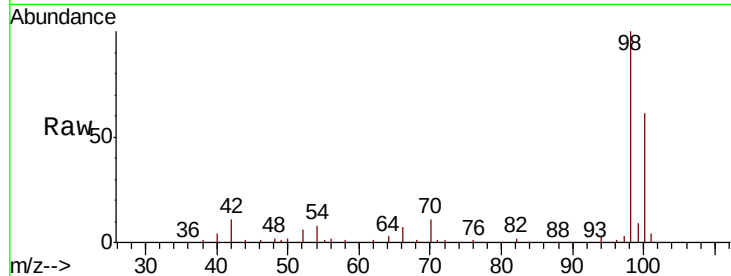
SUP-2A-G-3--120718

Tot Ion: 98 Resp: 122996

Ion Ratio Lower Upper

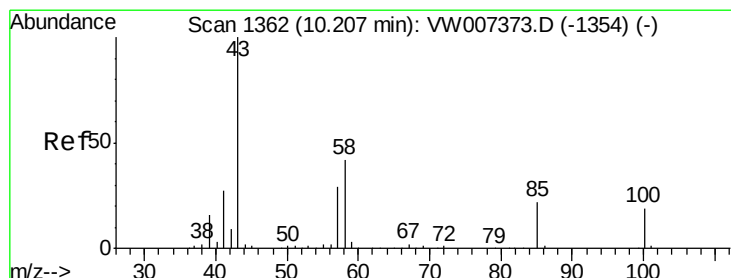
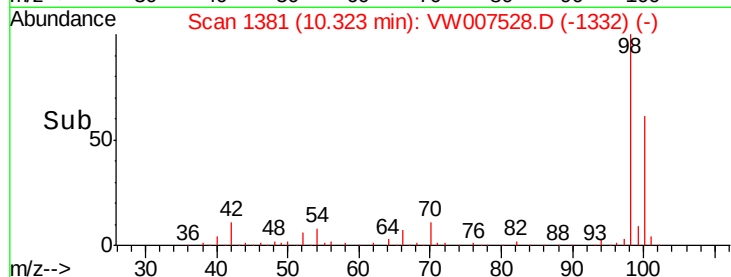
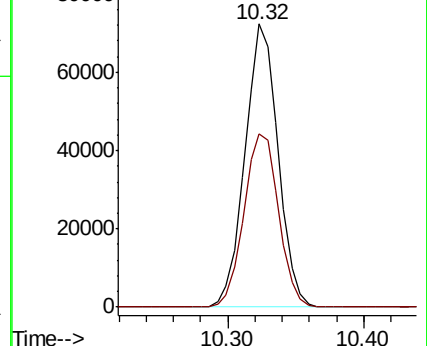
98 100

100 64.1 51.8 77.8



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: 1.141 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007528.D

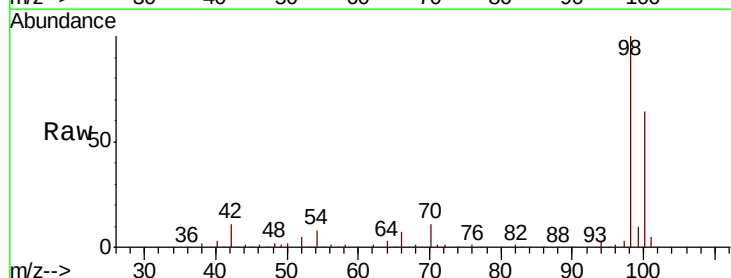
Acq: 14 Dec 2018 12:07

Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

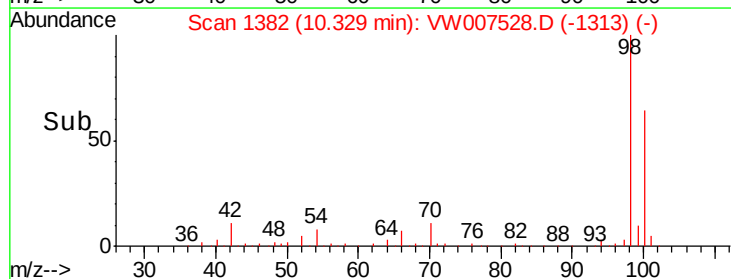
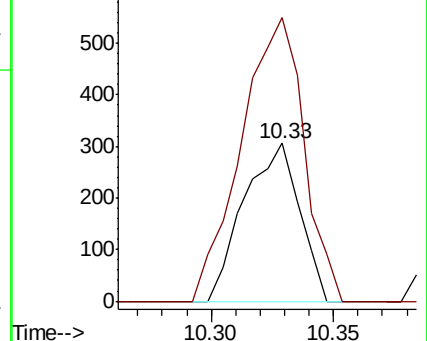
43 100

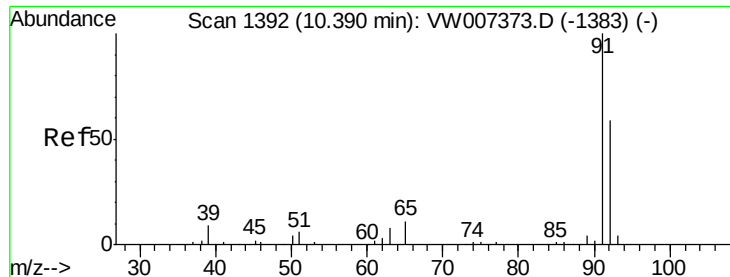
58 202.9 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 3.859 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

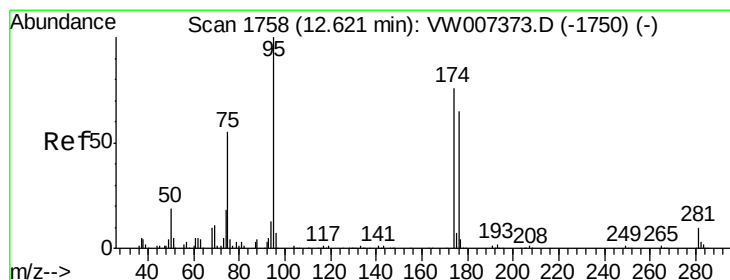
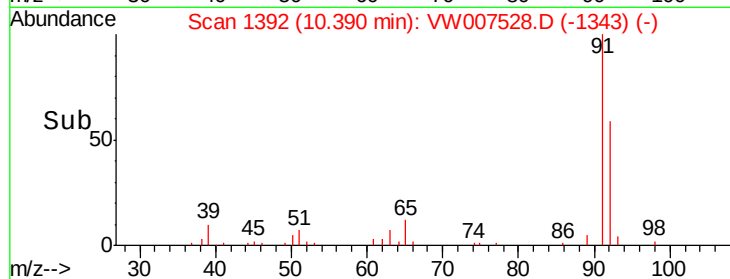
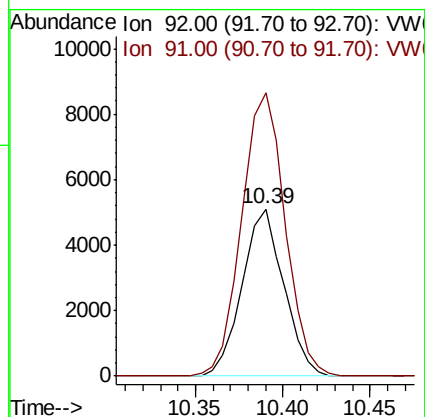
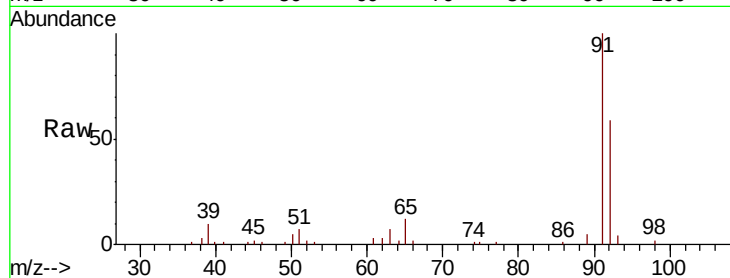
SUP-2A-G-3--120718

Tot Ion: 92 Resp: 8470

Ion Ratio Lower Upper

92 100

91 176.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 41.372 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

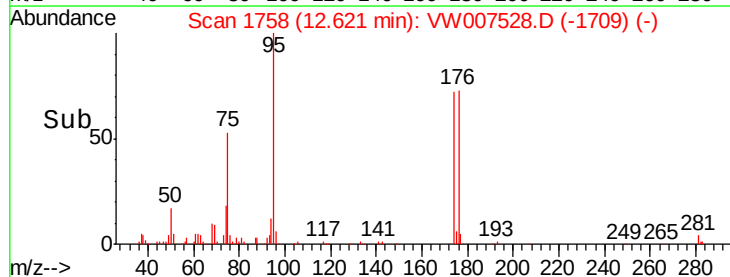
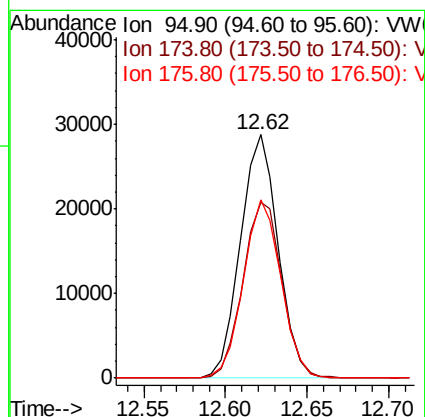
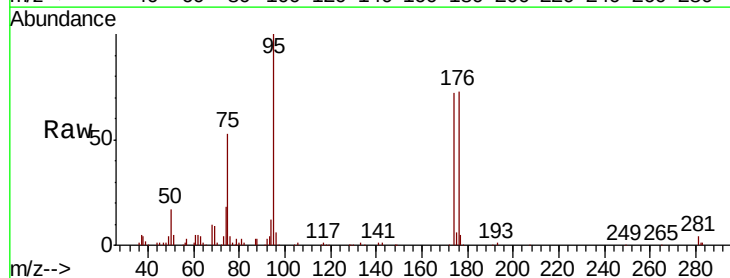
Tgt Ion: 95 Resp: 46248

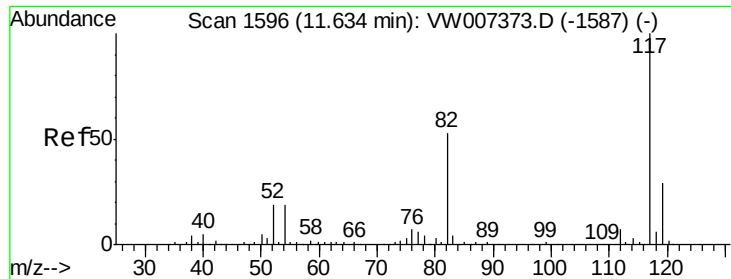
Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

176 73.0 0.0 138.8

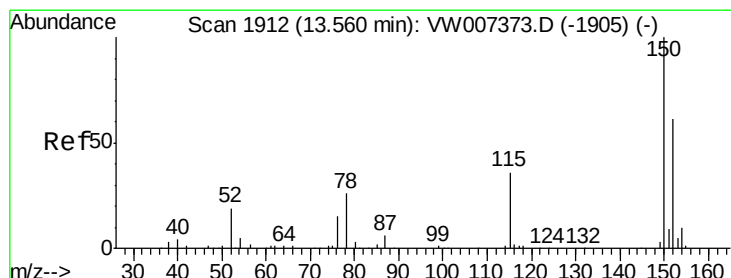
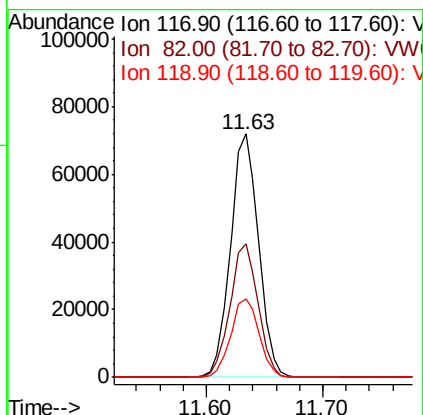
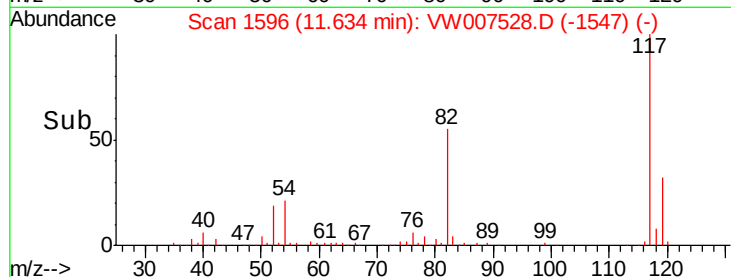
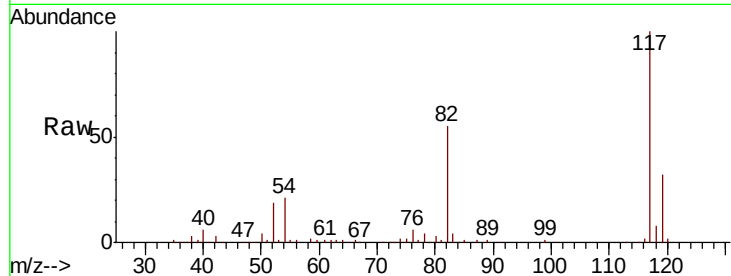




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007528.D
Acq: 14 Dec 2018 12:07

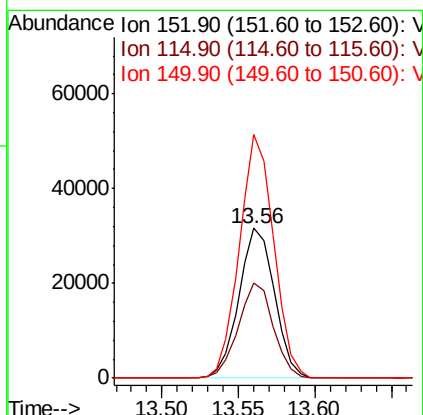
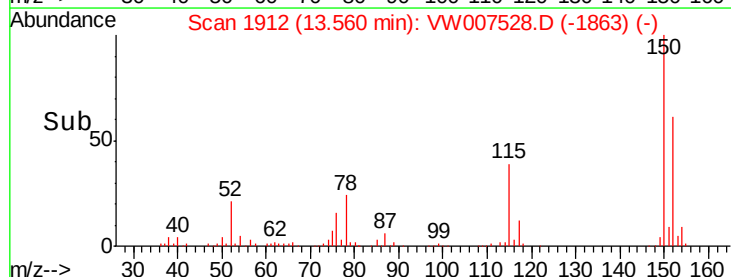
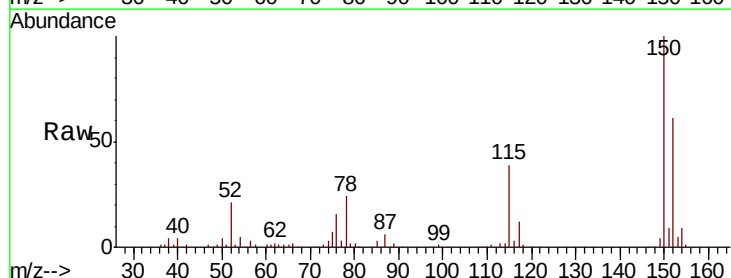
Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-3--120718

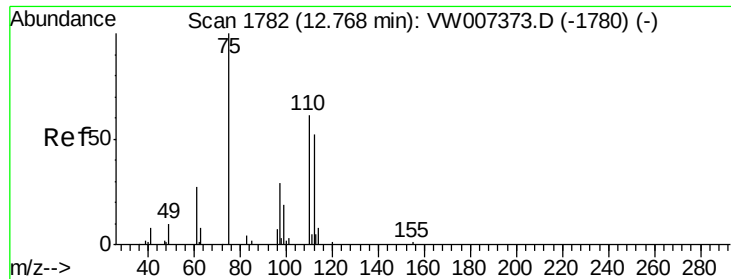
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.3	63.5
119	32.4	23.0	34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007528.D
Acq: 14 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.4	94.2
150	156.5	0.0	358.4





#76

1,2,3-Trichloropropane

Concen: 56.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

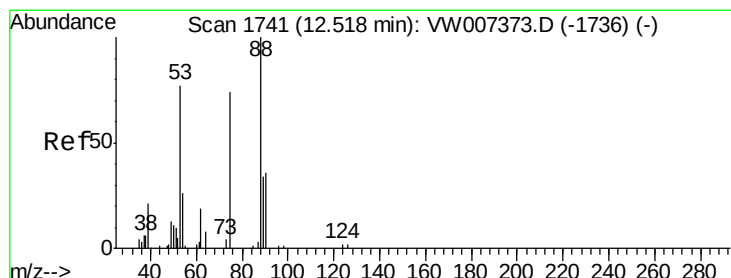
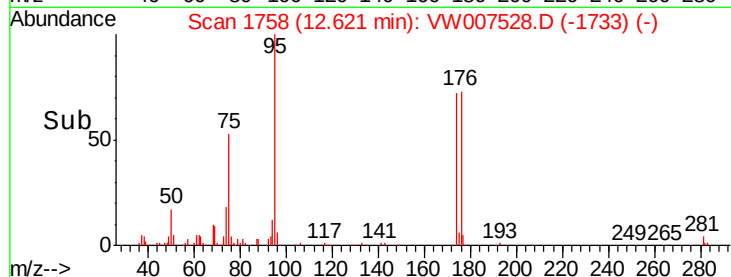
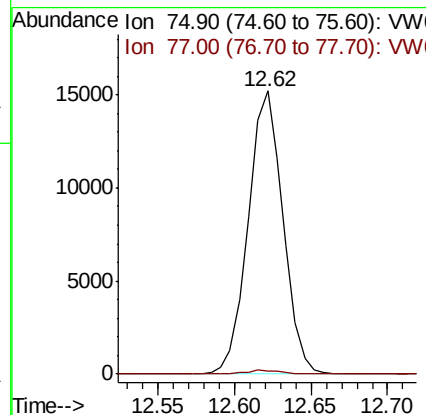
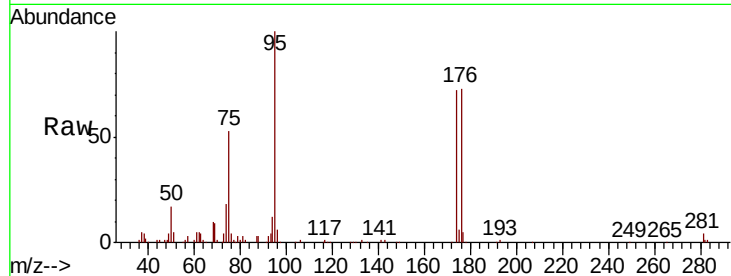
SUP-2A-G-3--120718

Tot Ion: 75 Resp: 23952

Ion Ratio Lower Upper

75 100

77 1.3 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.671 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Tgt Ion: 75 Resp: 23952

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

