

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009150.D
 Acq On : 13 Mar 2019 11:49
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 09:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183852	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	137160	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	113148	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	10.32	98	484166	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	170126	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

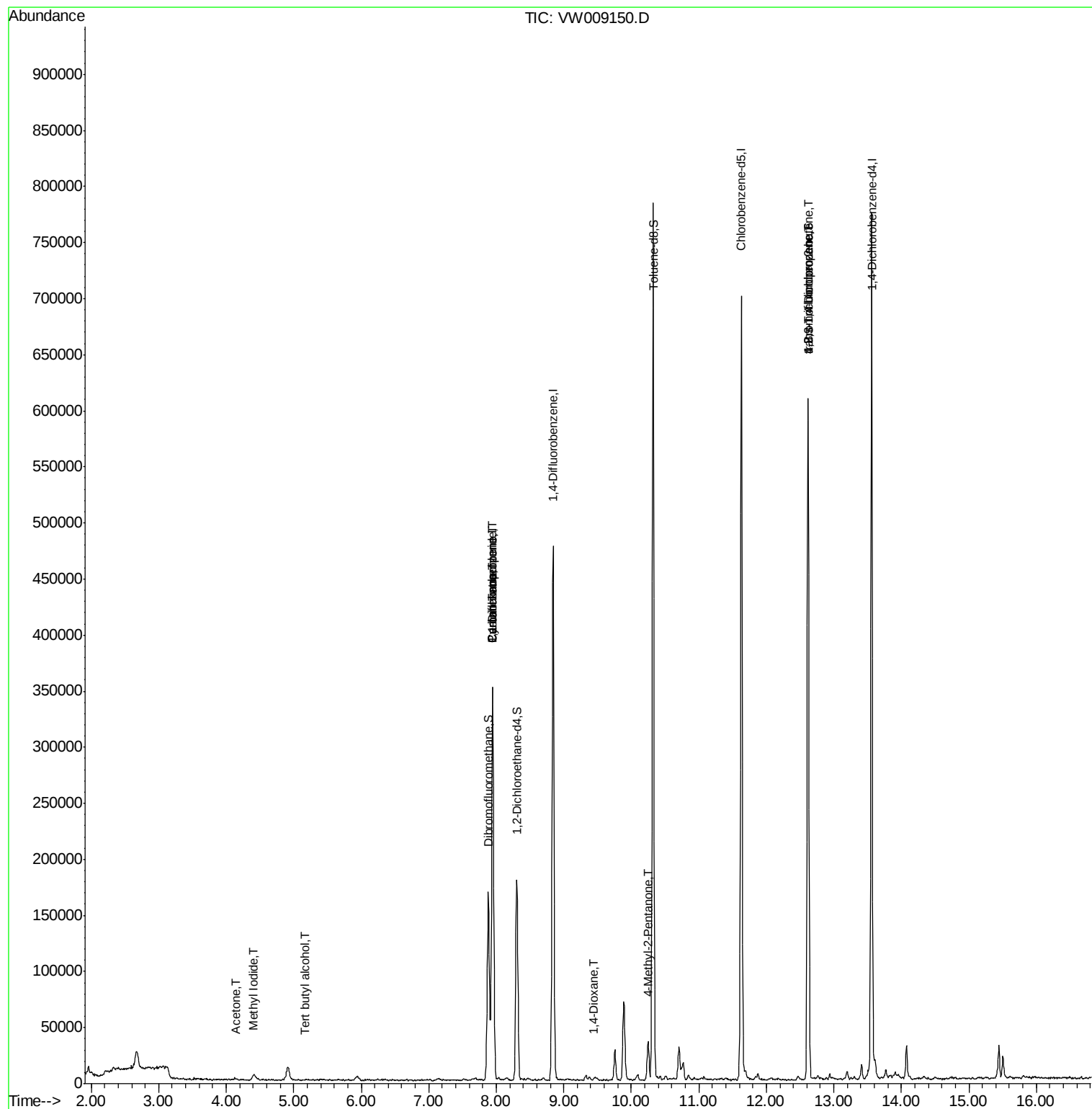
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.39	142	27	3.196	ug/l #	40
11) Tert butyl alcohol	5.16	59	306	1.540	ug/l #	17
16) Acetone	4.14	43	3157	5.396	ug/l #	82
20) Methylene Chloride	4.92	84	8534	Below Cal	#	93
31) Cyclohexane	7.95	56	7377	1.526	ug/l #	47
36) 1,1-Dichloropropene	7.95	75	20408	5.142	ug/l #	50
38) Carbon Tetrachloride	7.94	117	26032	6.351	ug/l #	20
49) 1,4-Dioxane	9.44	88	61	2.939	ug/l #	21
51) 4-Methyl-2-Pentanone	10.25	43	5480	3.109	ug/l #	82
76) 1,2,3-Trichloropropane	12.62	75	93615	64.447	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	93615	144.152	ug/l #	5

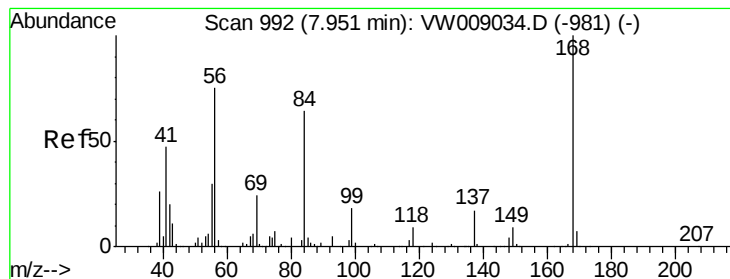
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

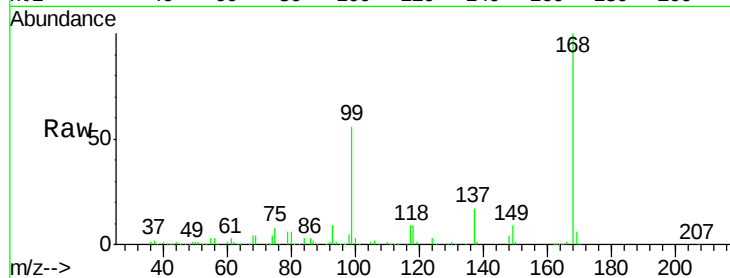
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 257720

Ion Ratio Lower Upper

168 100

99 56.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

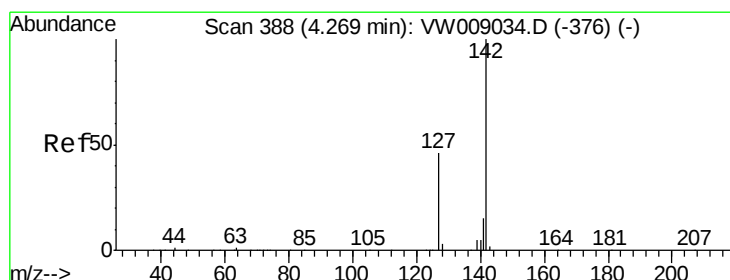
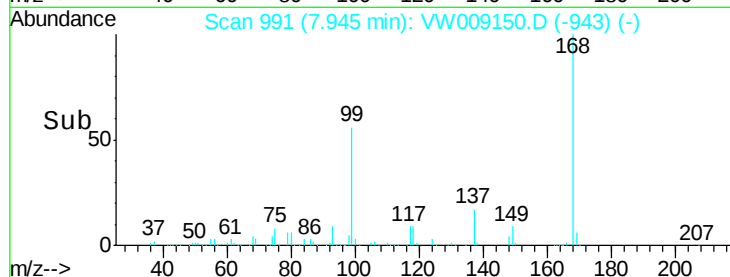
7.95

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.196 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.12 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

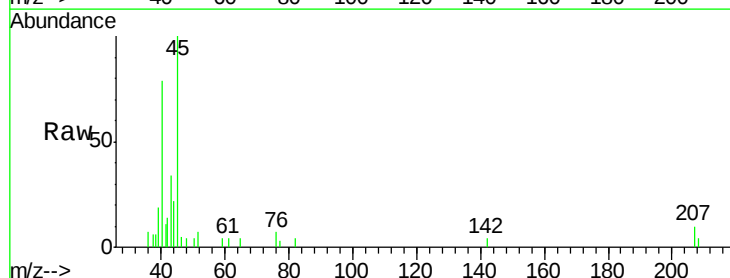
Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.39

100

80

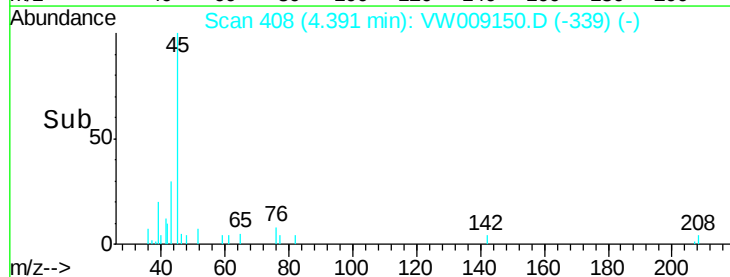
60

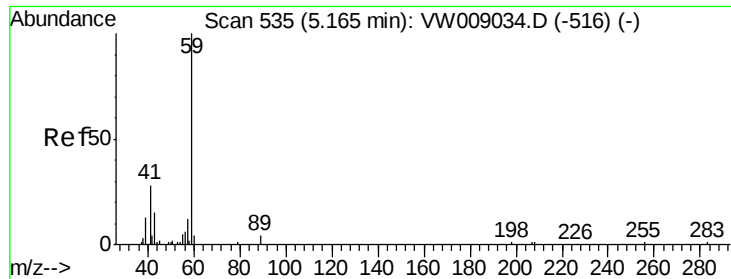
40

20

0

Time-->

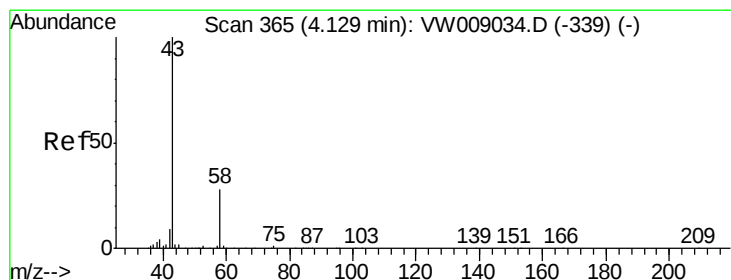
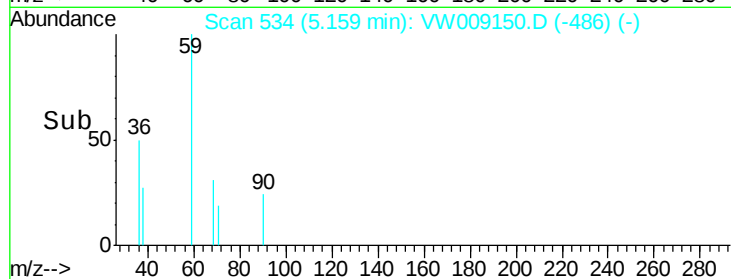
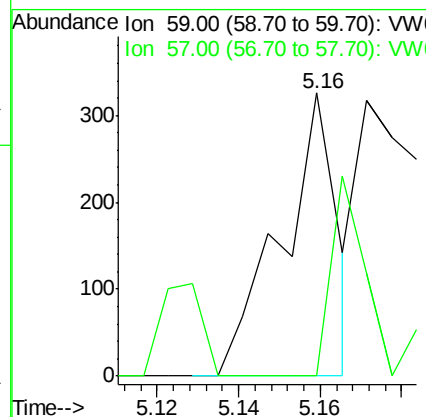
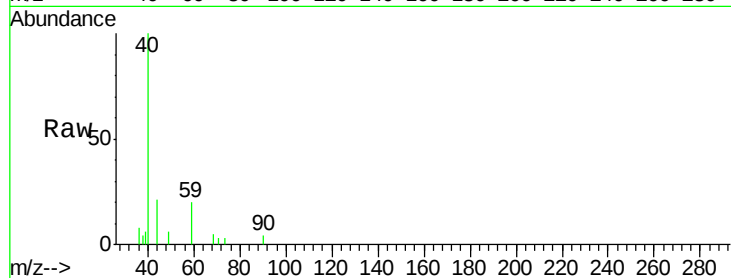




#11
Tert butyl alcohol
Concen: 1.540 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

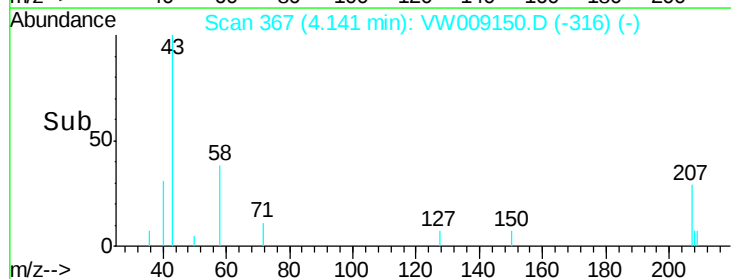
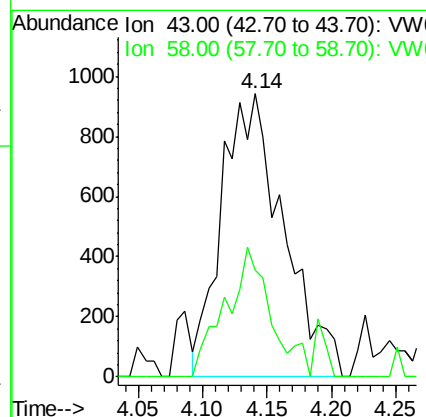
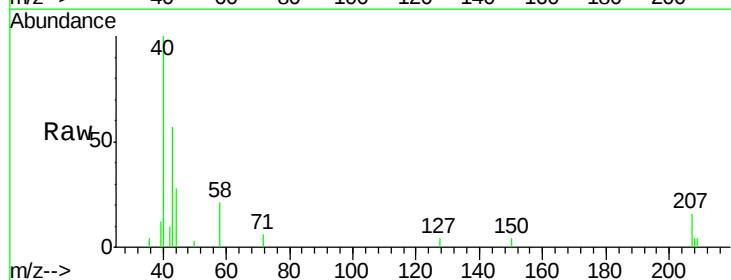
Instrument :
MSVOA_W
ClientSampleId :

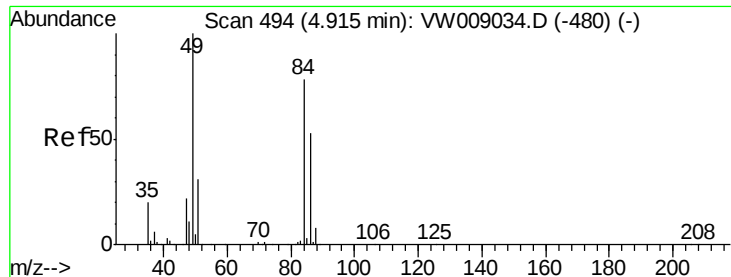
Tot Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 41.8 8.6 12.8#



#16
Acetone
Concen: 5.396 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 37.8 22.5 33.7#

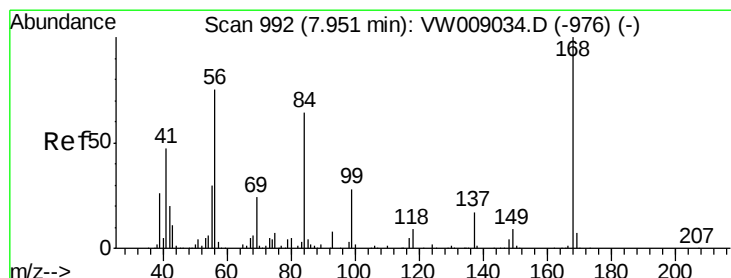
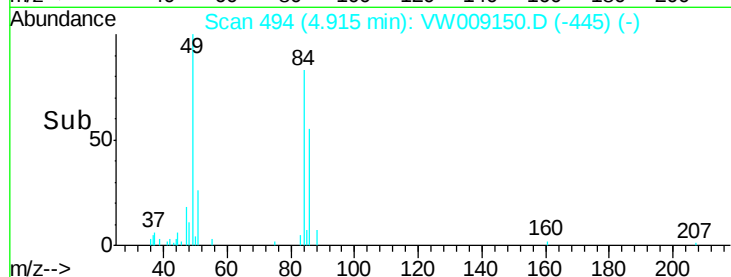
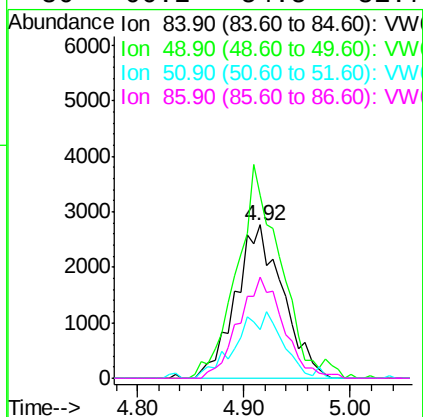
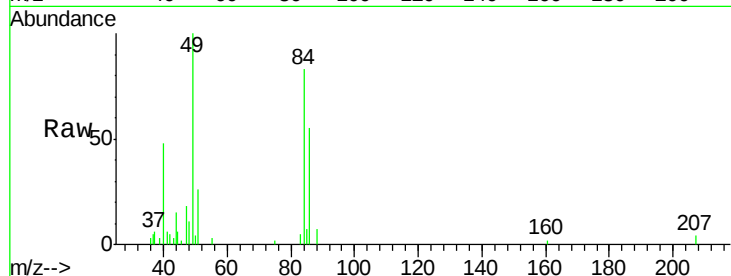




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

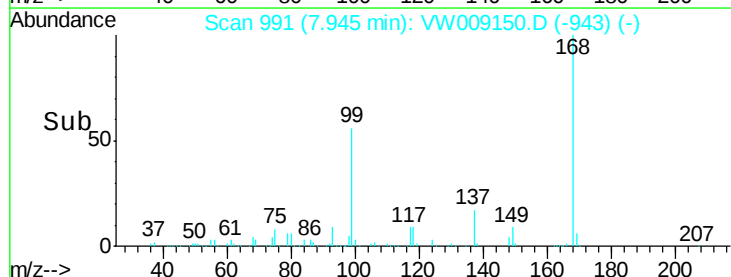
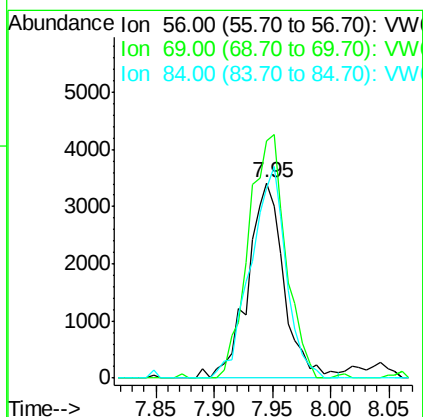
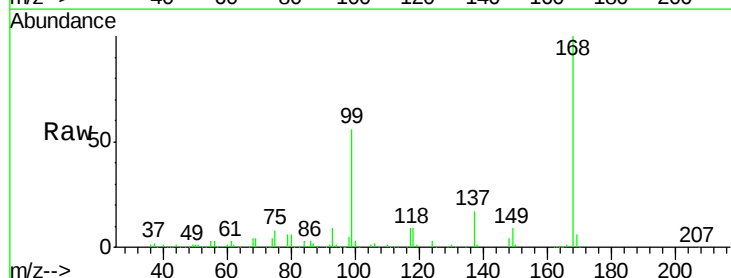
Instrument :
MSVOA_W
ClientSampleId :

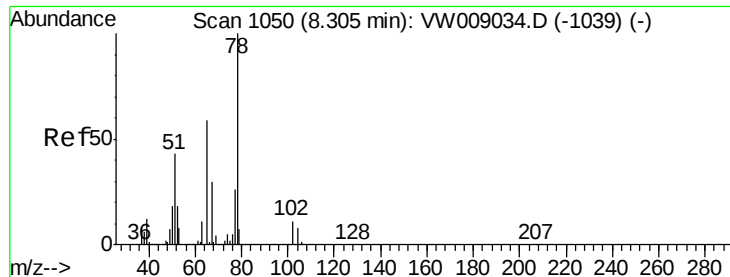
Tot Ion	84	Resp	8534
Ion	Ratio	Lower	Upper
84	100		
49	119.9	102.4	153.6
51	31.4	31.6	47.4#
86	66.2	54.5	81.7



#31
Cyclohexane
Concen: 1.526 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Tgt Ion	56	Resp	7377
Ion	Ratio	Lower	Upper
56	100		
69	121.9	25.5	38.3#
84	97.5	68.6	103.0

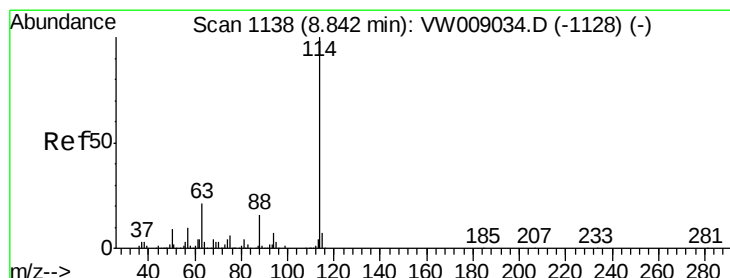
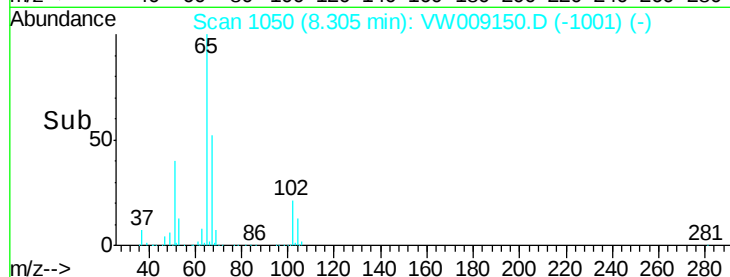
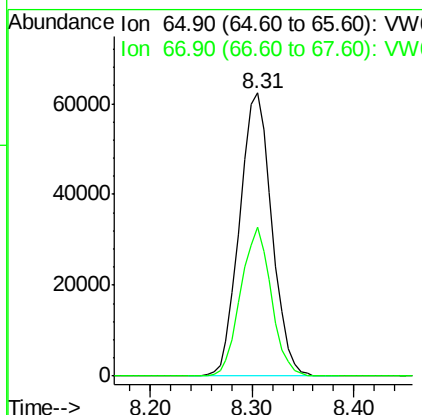
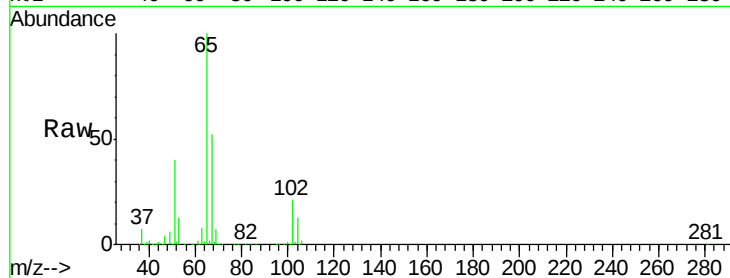




#33
 1,2-Dichloroethane-d4
 Concen: 52.898 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009150.D
 Acq: 13 Mar 2019 11:49

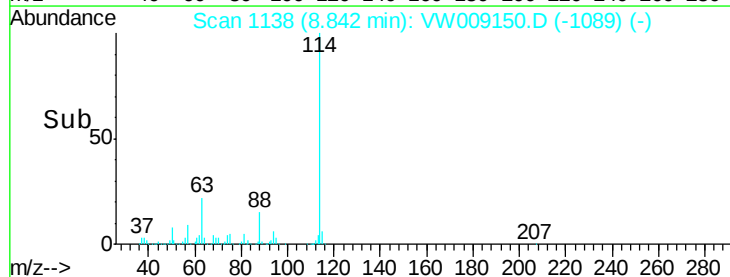
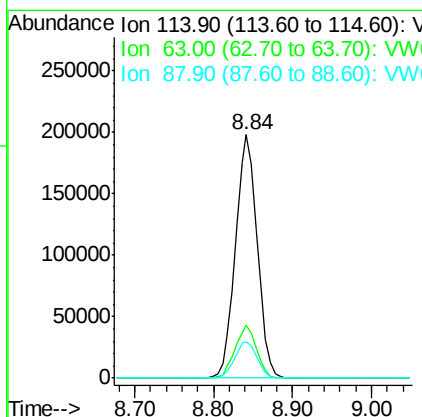
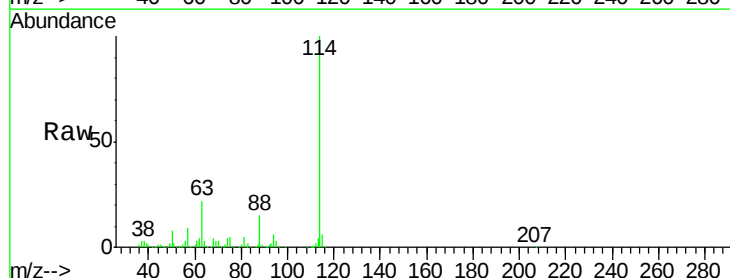
Instrument :
 MSVOA_W
 ClientSampleId :

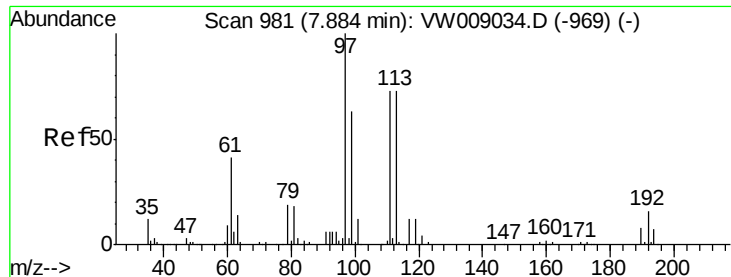
Tot Ion: 65 Resp: 137160
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009150.D
 Acq: 13 Mar 2019 11:49

Tgt Ion: 114 Resp: 379601
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.2
 88 14.8 0.0 31.2

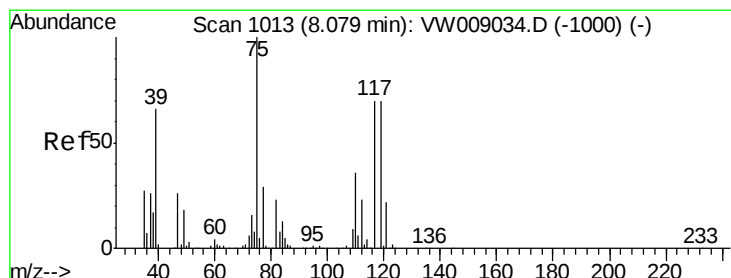
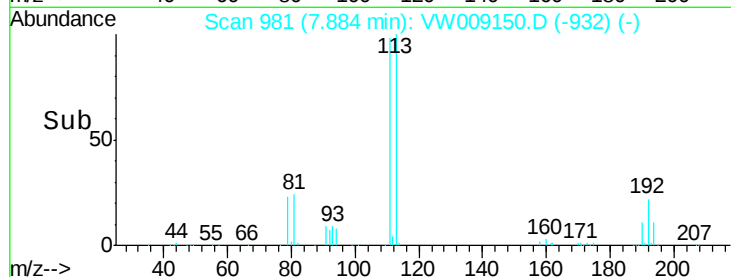
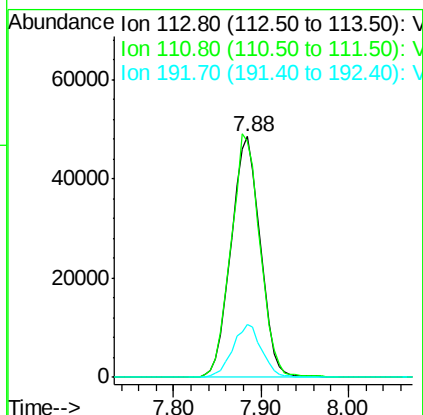
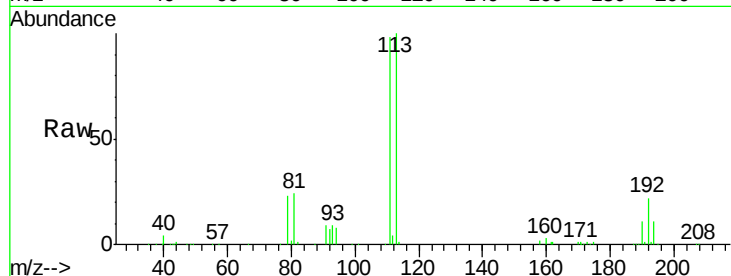




#35
 Dibromofluoromethane
 Concen: 49.506 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW009150.D
 Acq: 13 Mar 2019 11:49

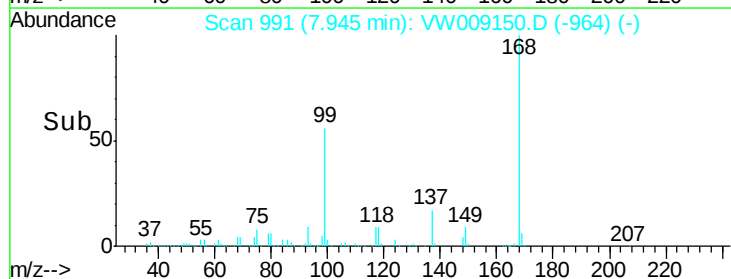
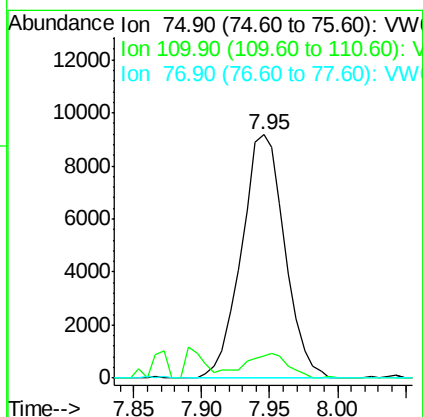
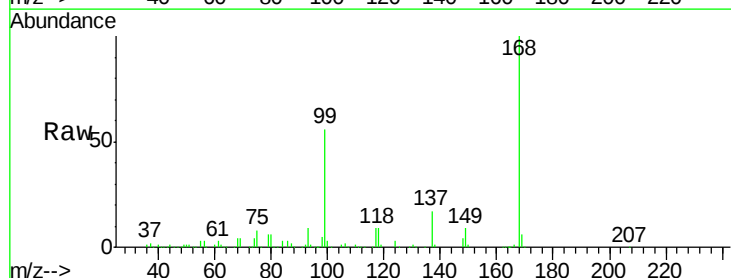
Instrument :
 MSVOA_W
 ClientSampleId :

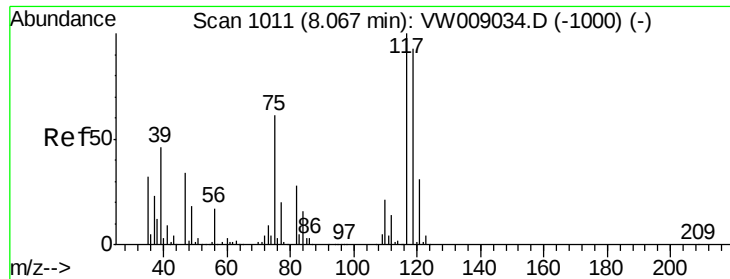
Tot Ion:113 Resp: 113148
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.0 121.4
 192 21.7 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.142 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009150.D
 Acq: 13 Mar 2019 11:49

Tgt Ion: 75 Resp: 20408
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.6 52.9#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.351 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

Instrument :

MSVOA_W

ClientSampled :

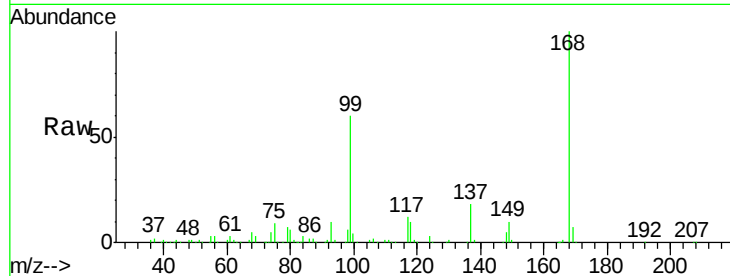
Tot Ion:117 Resp: 26032

Ion Ratio Lower Upper

117 100

119 8.4 74.6 112.0#

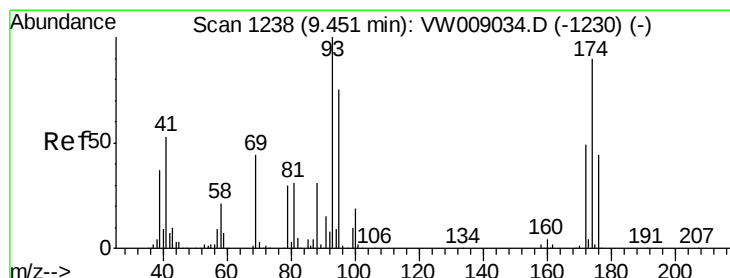
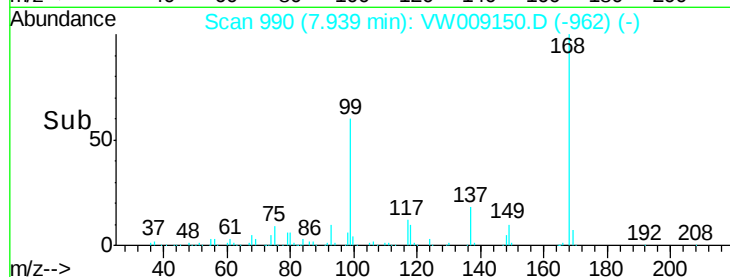
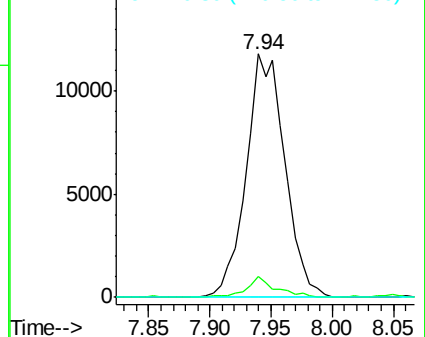
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 2.939 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

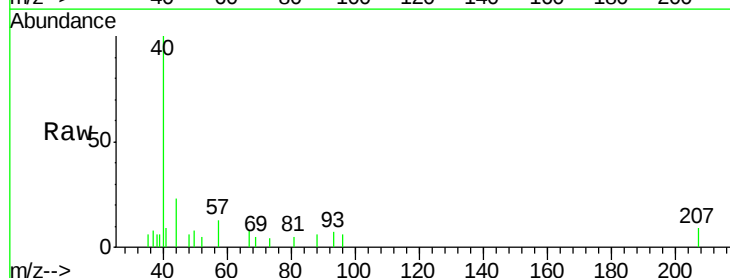
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

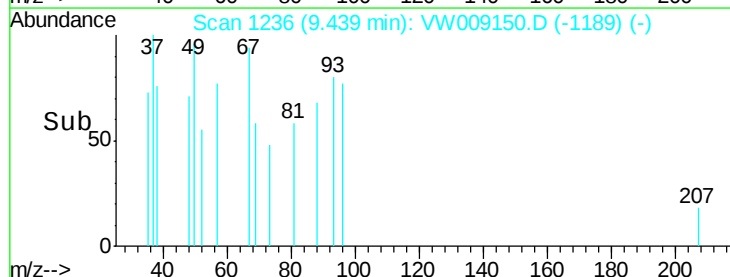
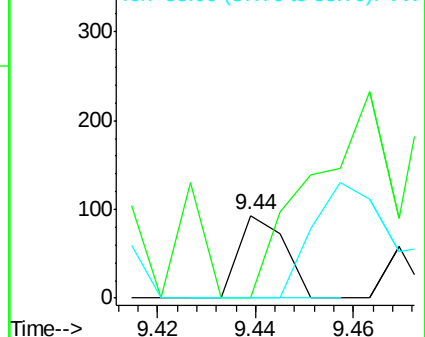
58 0.0 59.2 88.8#

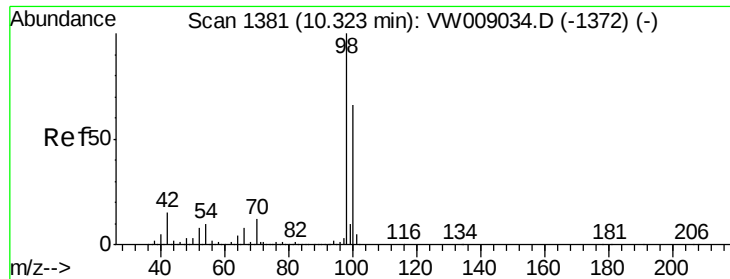


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.578 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

Instrument :

MSVOA_W

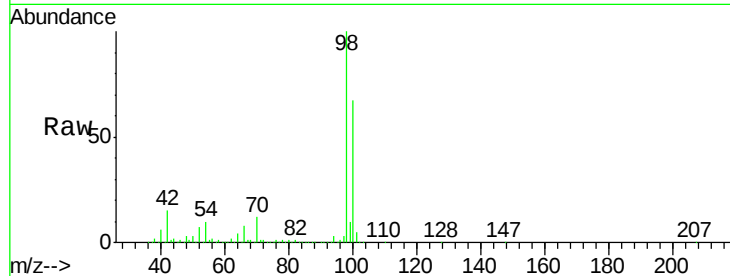
ClientSampleId :

Tot Ion: 98 Resp: 484166

Ion Ratio Lower Upper

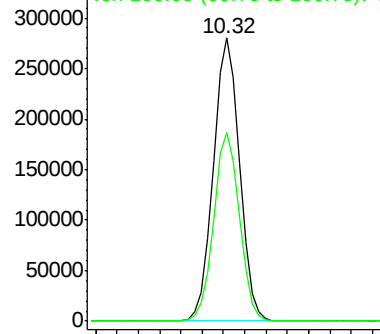
98 100

100 65.7 51.9 77.9

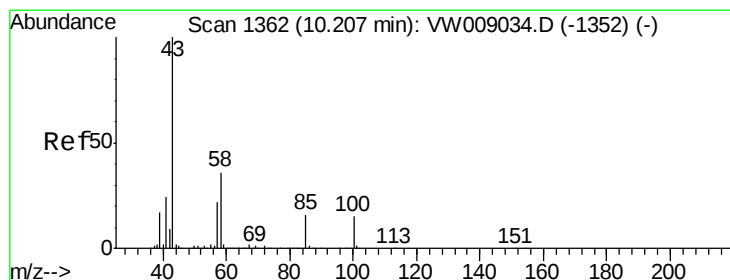
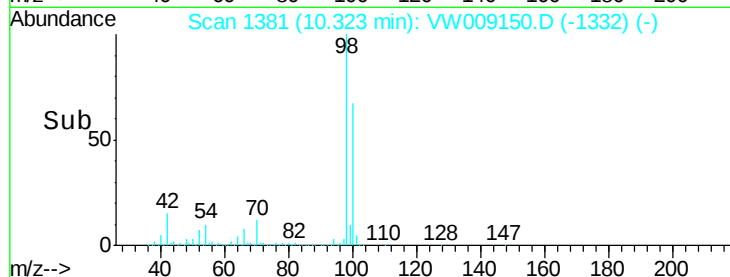


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#51

4-Methyl-2-Pentanone

Concen: 3.109 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW009150.D

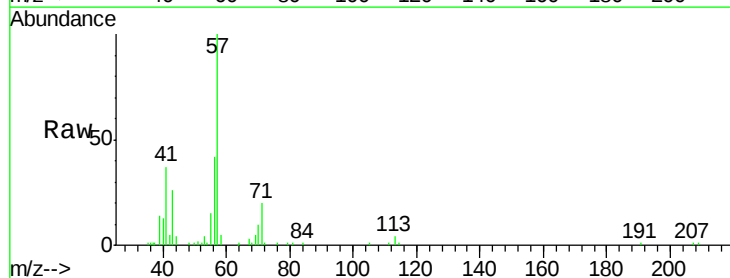
Acq: 13 Mar 2019 11:49

Tgt Ion: 43 Resp: 5480

Ion Ratio Lower Upper

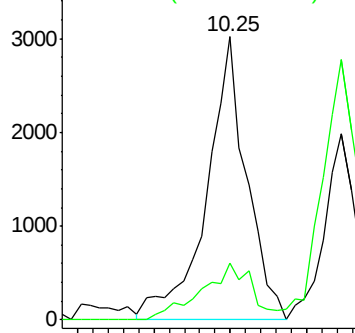
43 100

58 25.2 28.8 43.2#

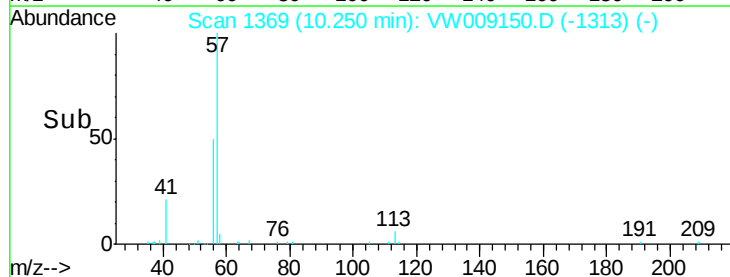


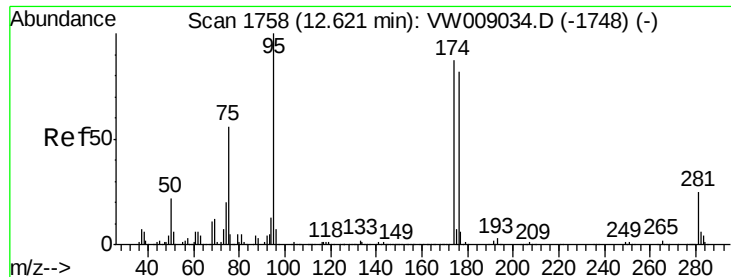
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 10.15 10.20 10.25 10.30

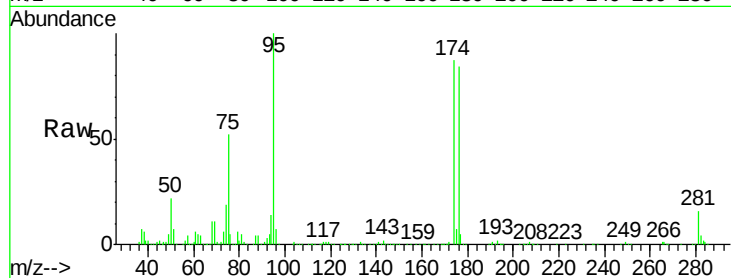




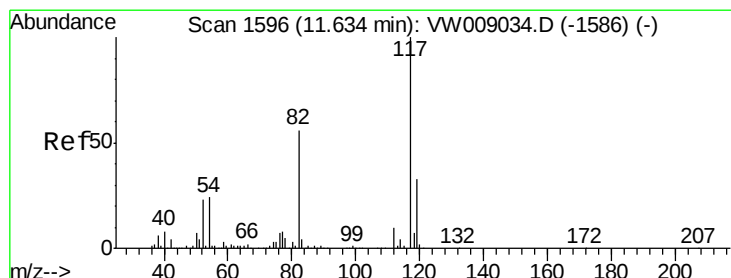
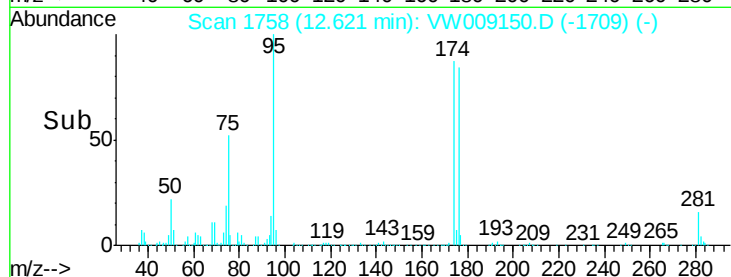
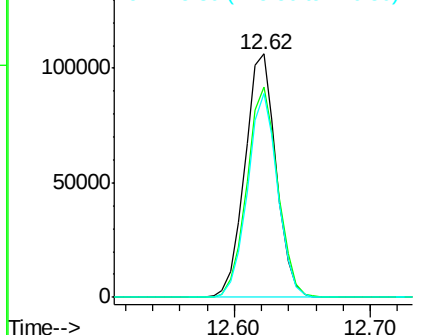
#62
4-Bromofluorobenzene
Concen: 46.038 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 170126
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.0
176 81.0 0.0 159.4

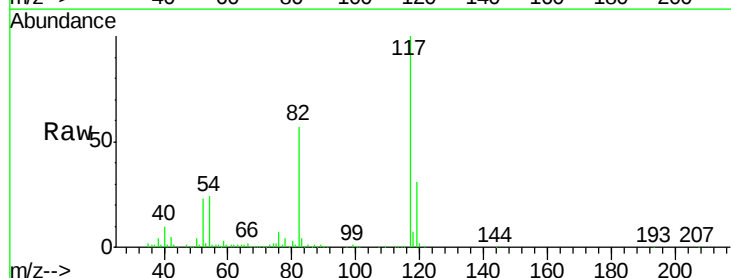


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

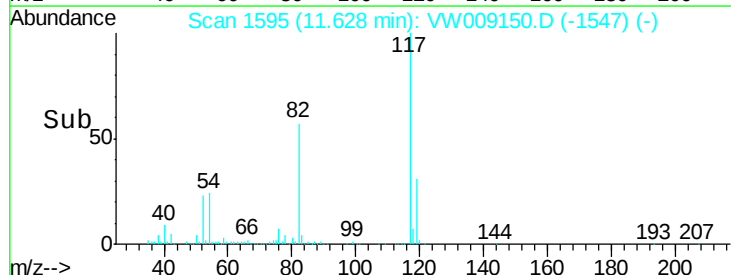
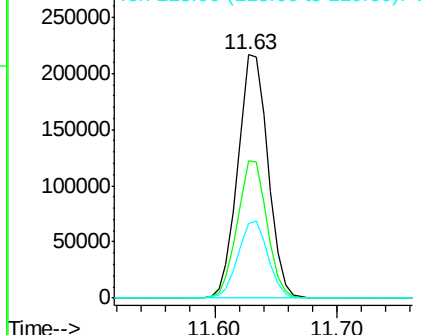


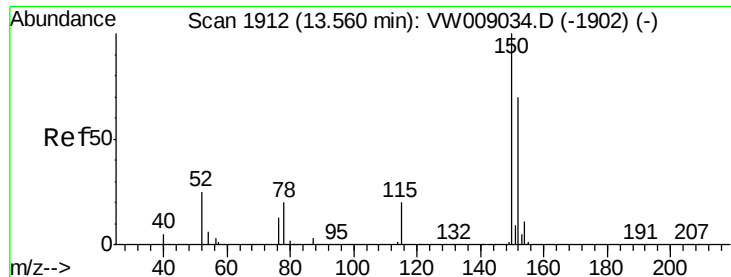
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Tgt Ion: 117 Resp: 369932
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.6
119 30.9 26.6 39.8



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



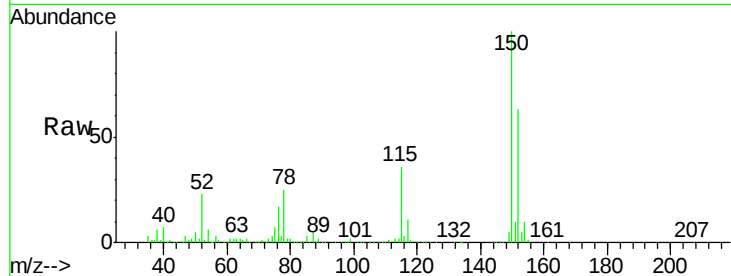


#72

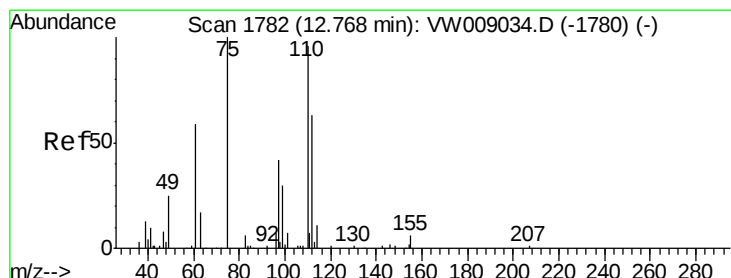
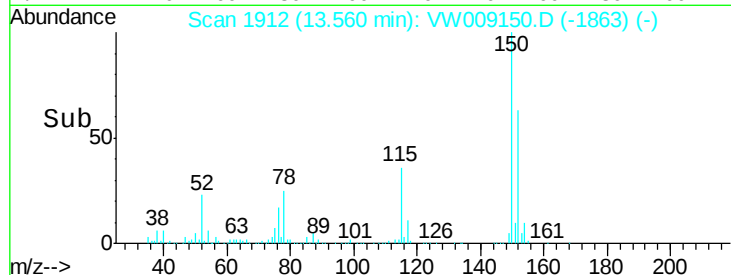
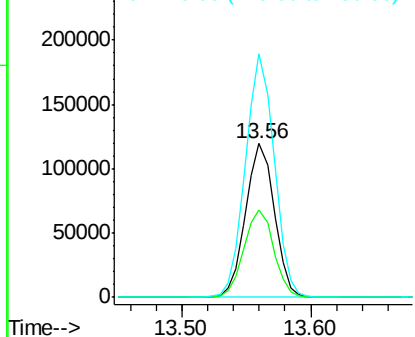
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 183852
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.7
150 158.5 0.0 349.2



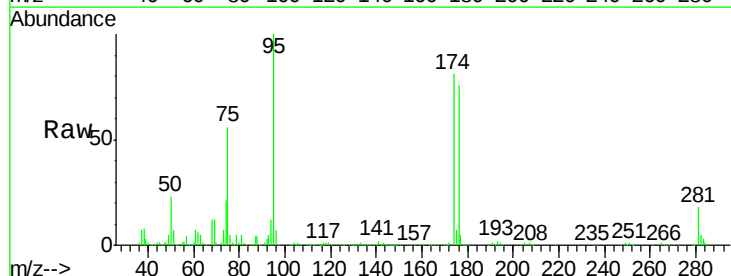
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



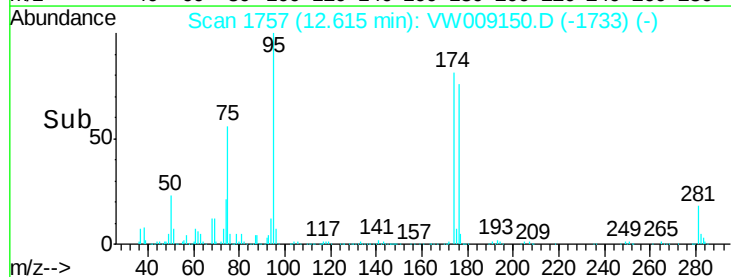
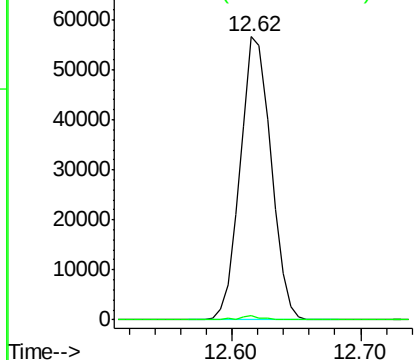
#76

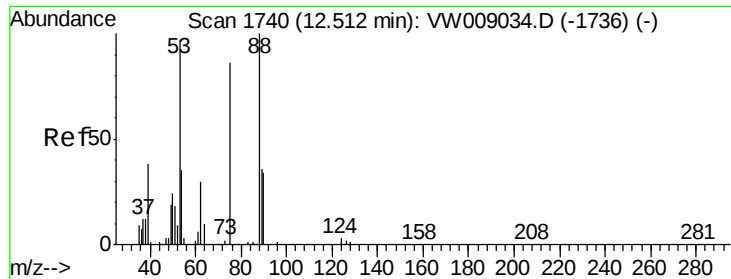
1,2,3-Trichloropropane
Concen: 64.447 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW009150.D
Acq: 13 Mar 2019 11:49

Tgt Ion: 75 Resp: 93615
Ion Ratio Lower Upper
75 100
77 1.3 186.7 560.0#



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: 144.152 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009150.D

Acq: 13 Mar 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

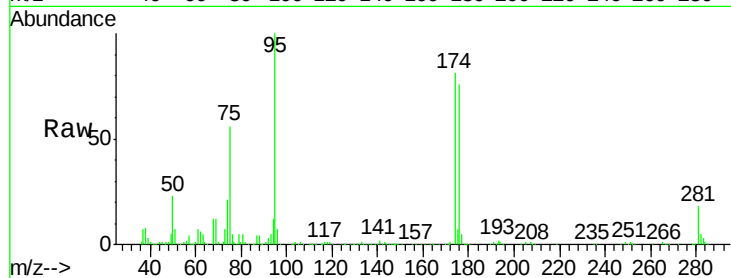
Tot Ion: 75 Resp: 93615

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.4 37.5 56.3#



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

