

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009060.D
 Acq On : 08 Mar 2019 17:43
 Operator : SY/VA
 Sample : K1807-39
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-20

Quant Time: Mar 09 01:20:19 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	289702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193864	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	181929	62.42	ug/l	0.00
Spiked Amount			Recovery	=	124.84%	
35) Dibromofluoromethane	7.88	113	145233	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
50) Toluene-d8	10.32	98	554079	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	192789	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	

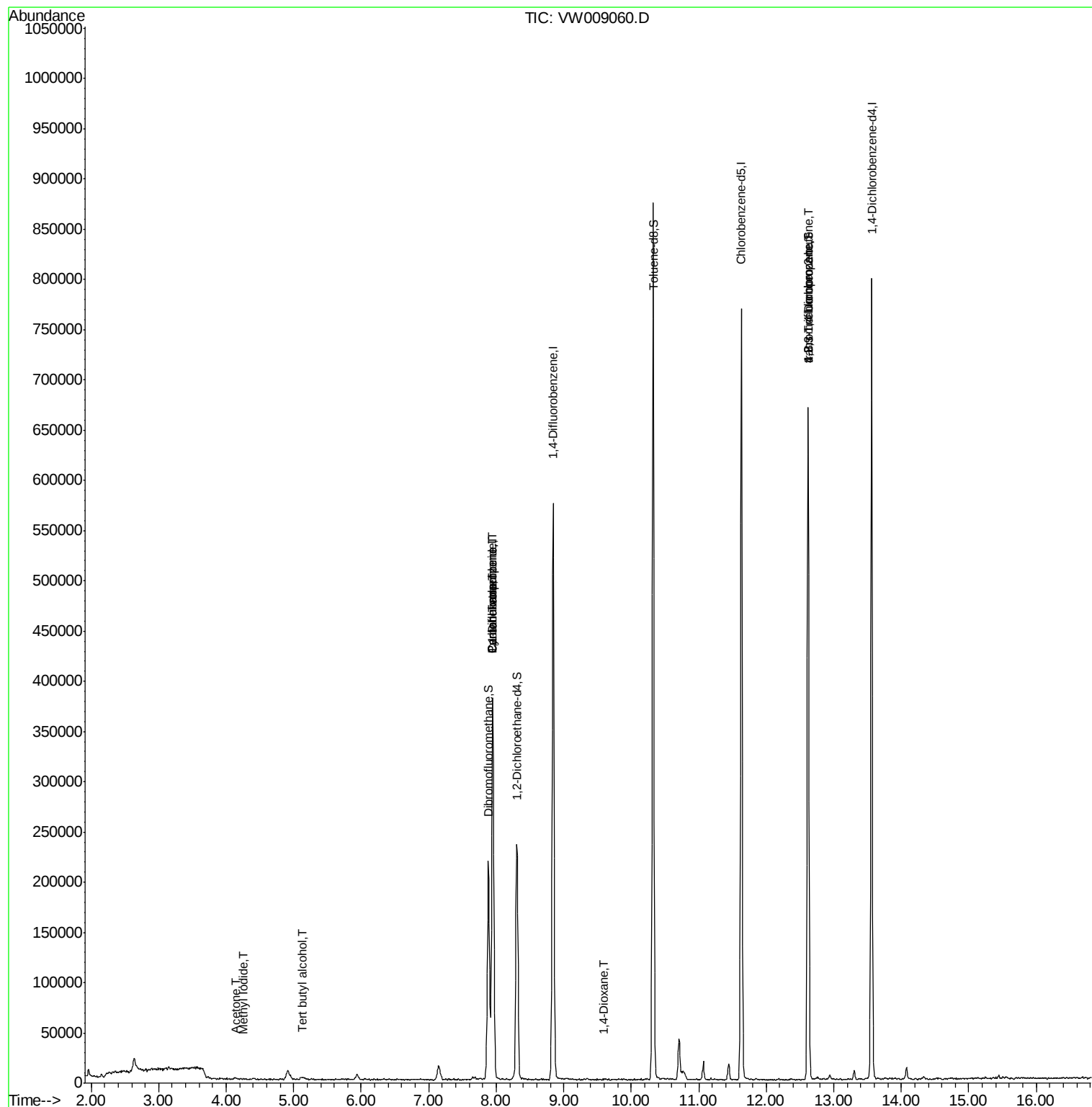
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	56	3.203	ug/l #	40
11) Tert butyl alcohol	5.13	59	424	1.898	ug/l	97
16) Acetone	4.14	43	2201	3.346	ug/l #	64
20) Methylene Chloride	4.91	84	5984	Below Cal	#	89
31) Cyclohexane	7.95	56	6923	1.274	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	22777	4.759	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27772	5.618	ug/l #	18
49) 1,4-Dioxane	9.59	88	45	1.798	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	101689	66.390	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	101689	148.498	ug/l #	5

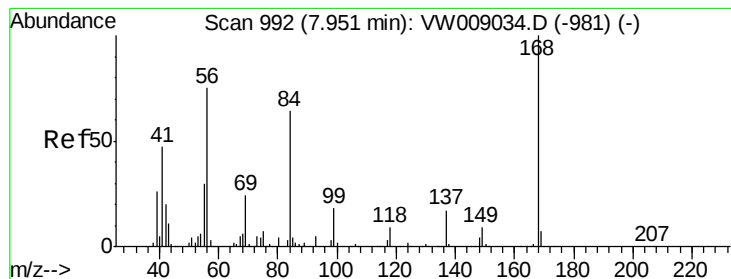
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
Data File : VW009060.D
Acq On : 08 Mar 2019 17:43
Operator : SY/VA
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TP-20

Quant Time: Mar 09 01:20:19 2019
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# 992

Delta R.T. 0.00 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

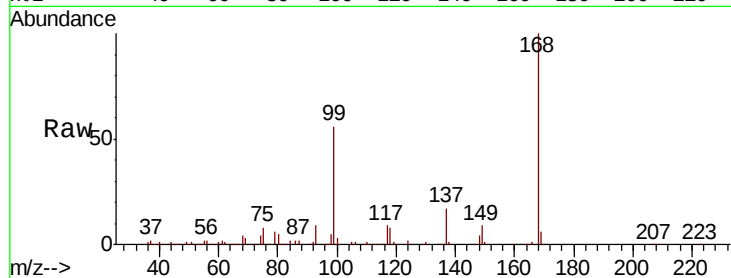
TP-20

Tot Ion:168 Resp: 289702

Ion Ratio Lower Upper

168 100

99 55.6 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

150000

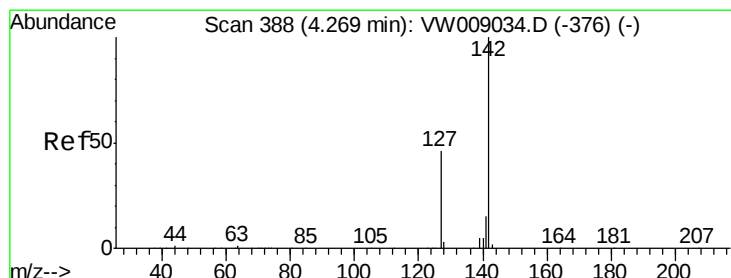
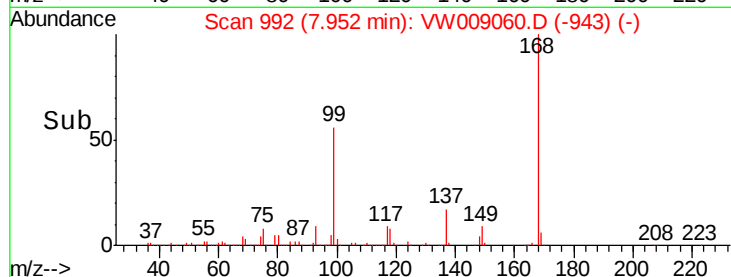
100000

50000

0

7.90 8.00

Time-->



#10

Methyl Iodide

Concen: 3.203 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

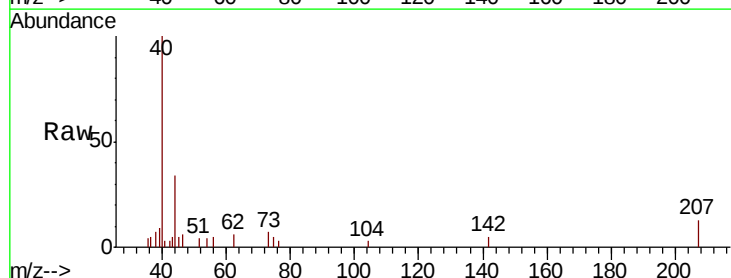
Tgt Ion:142 Resp: 56

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

120

100

80

60

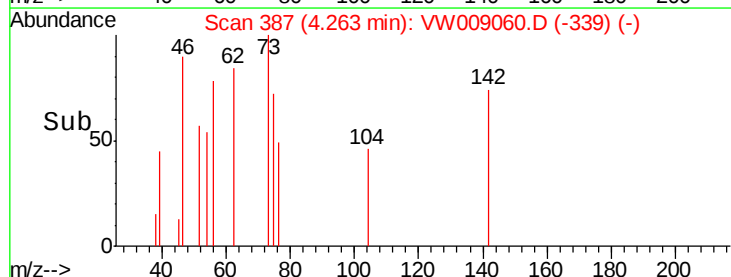
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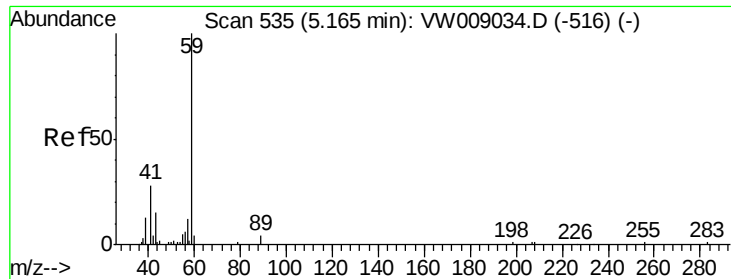
20

0

4.24 4.26 4.28

Time-->



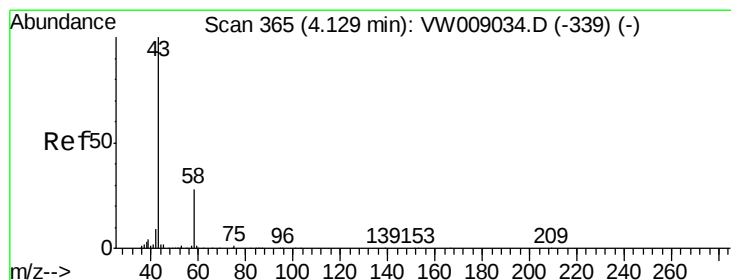
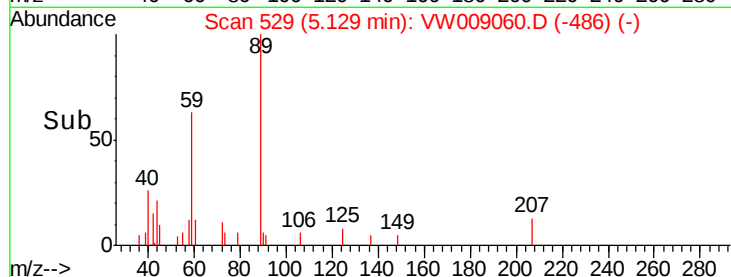
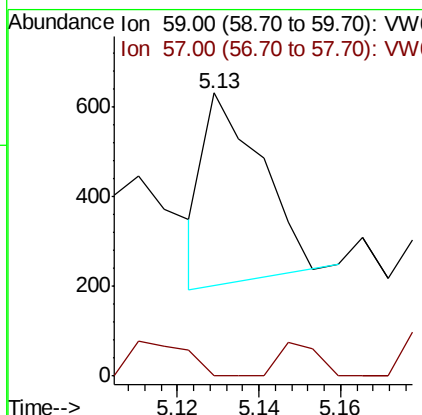
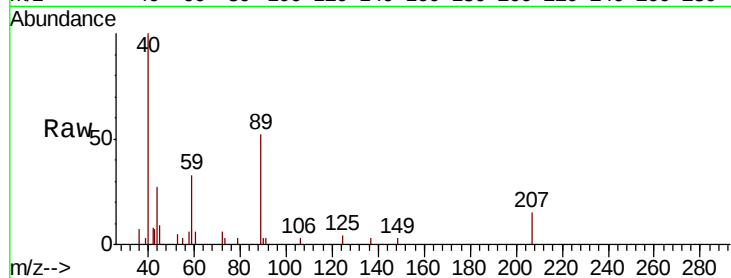


#11

Tert butyl alcohol
 Concen: 1.898 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

Instrument :
 MSVOA_W
 ClientSampled :
 TP-20

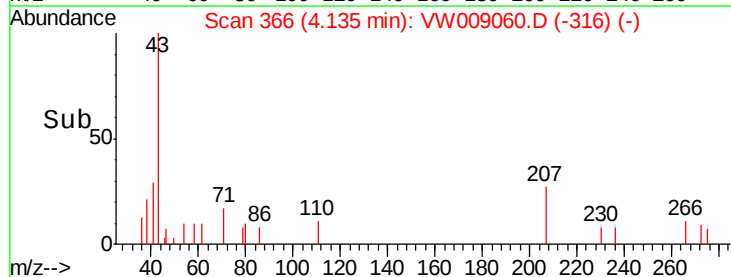
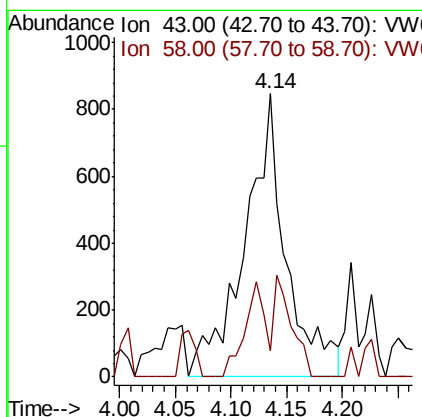
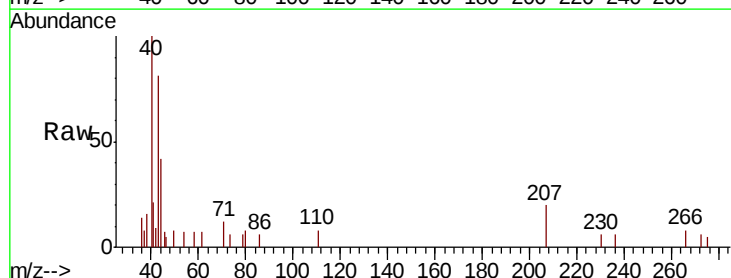
Tot Ion: 59 Resp: 424
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.6 12.8

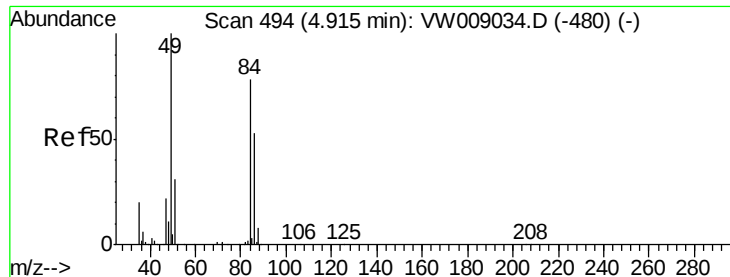


#16

Acetone
 Concen: 3.346 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

Tgt Ion: 43 Resp: 2201
 Ion Ratio Lower Upper
 43 100
 58 9.2 22.5 33.7#

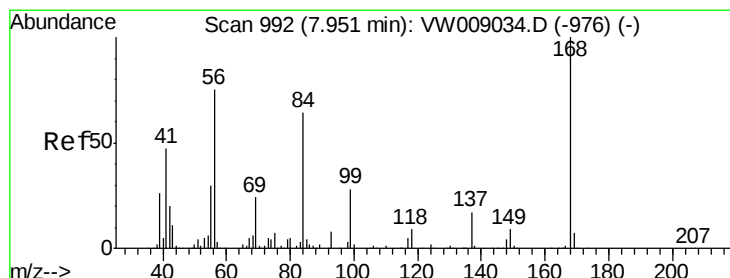
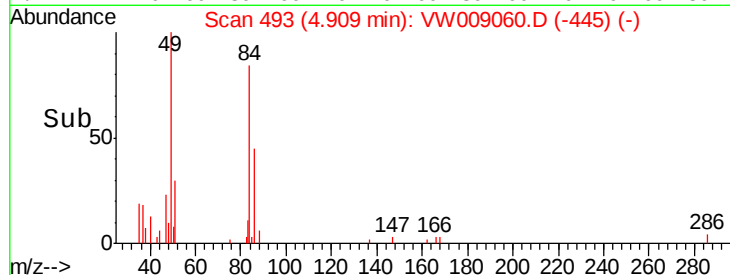
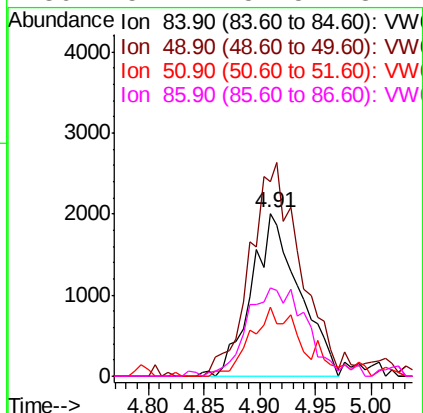
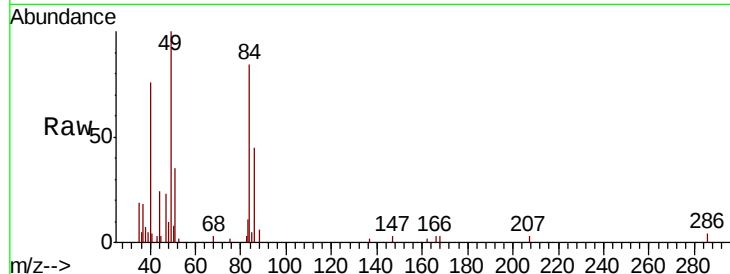




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009060.D
Acq: 08 Mar 2019 17:43

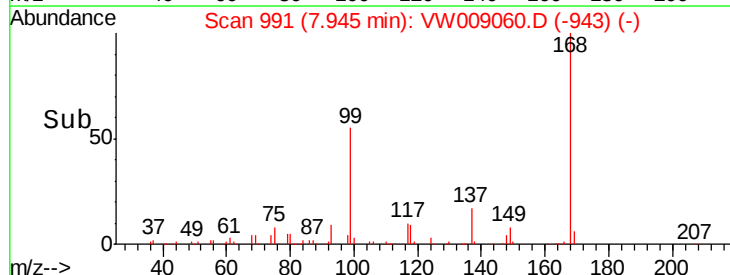
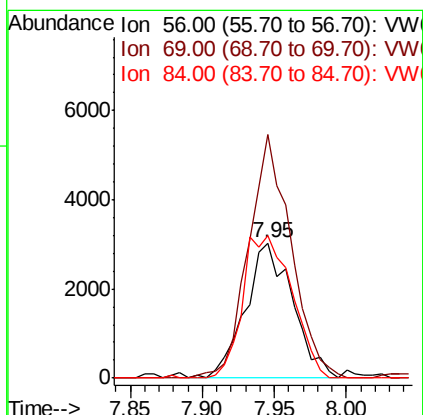
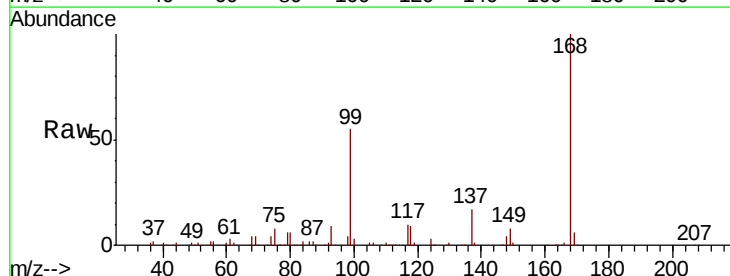
Instrument :
MSVOA_W
ClientSampleId :
TP-20

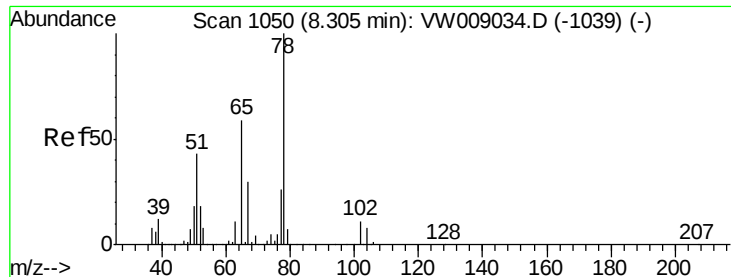
Tot Ion: 84 Resp: 5984
Ion Ratio Lower Upper
84 100
49 119.6 102.4 153.6
51 42.4 31.6 47.4
86 51.4 54.5 81.7#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009060.D
Acq: 08 Mar 2019 17:43

Tgt Ion: 56 Resp: 6923
Ion Ratio Lower Upper
56 100
69 180.5 25.5 38.3#
84 105.5 68.6 103.0#

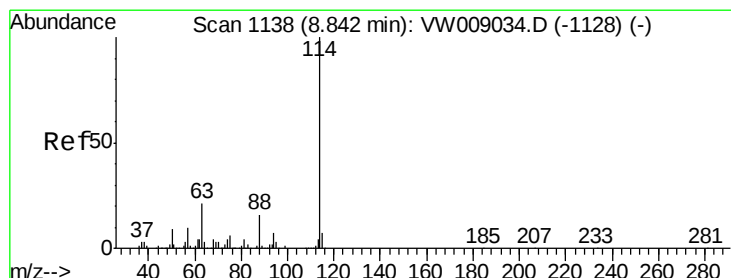
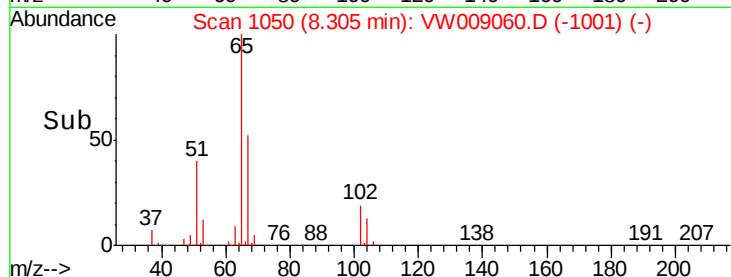
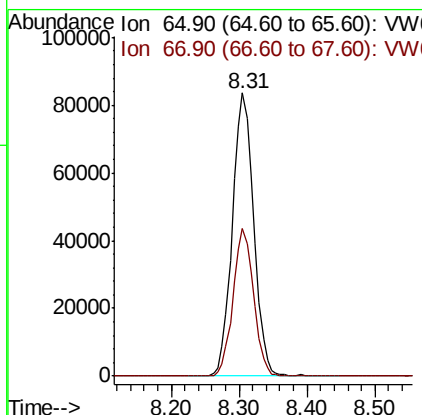
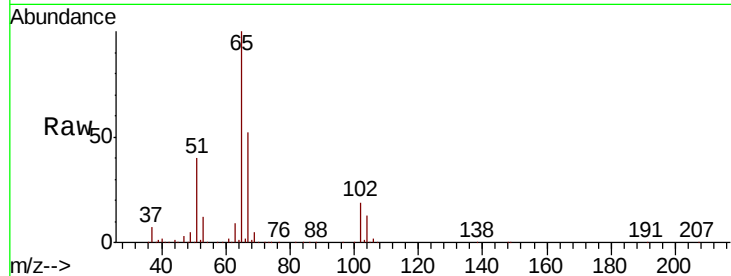




#33
 1,2-Dichloroethane-d4
 Concen: 62.418 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

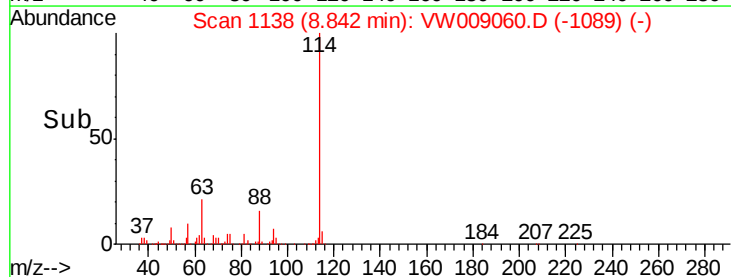
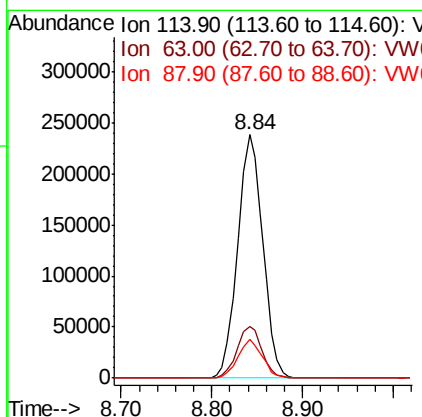
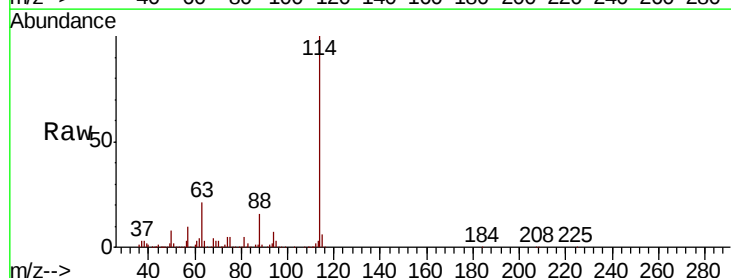
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-20

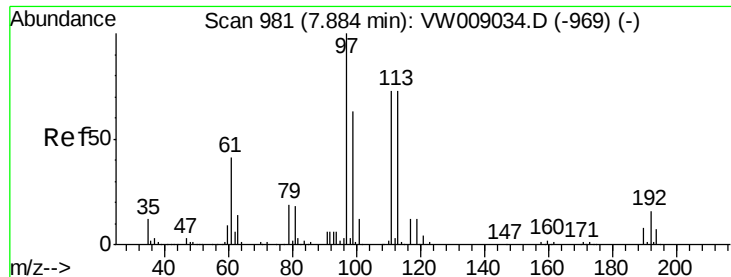
Tot Ion: 65 Resp: 181929
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

Tgt Ion: 114 Resp: 457754
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.2
 88 15.7 0.0 31.2

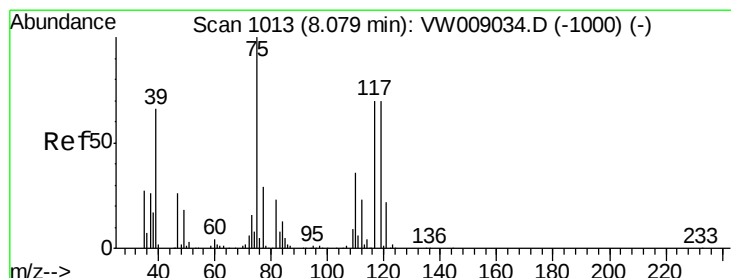
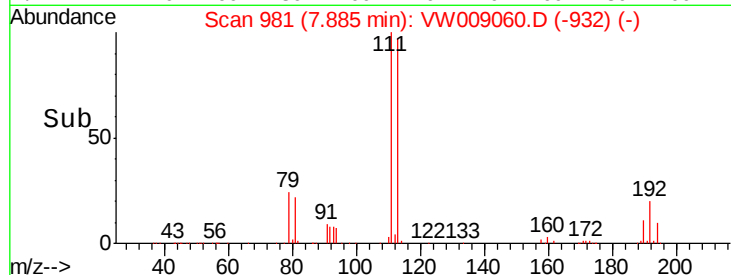
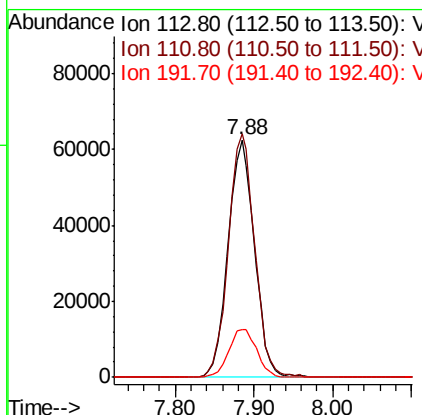
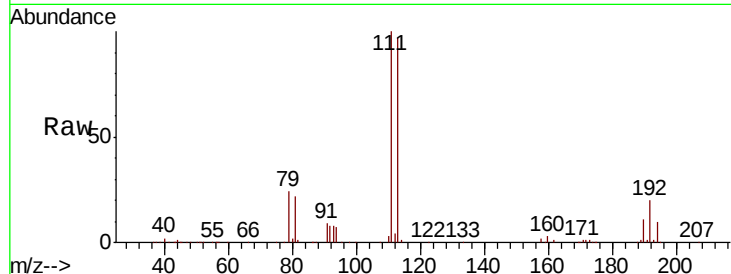




#35
 Dibromofluoromethane
 Concen: 52.695 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

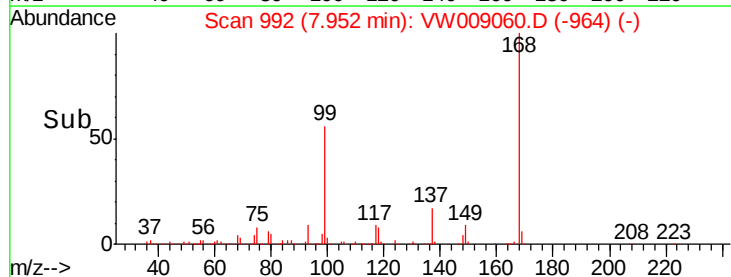
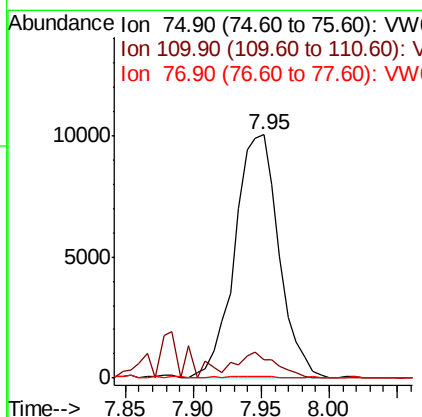
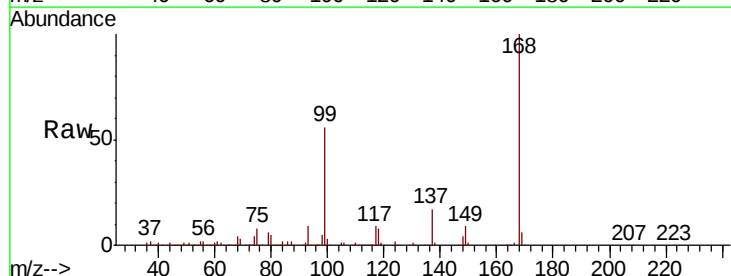
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 ClientSampleId :
 TP-20

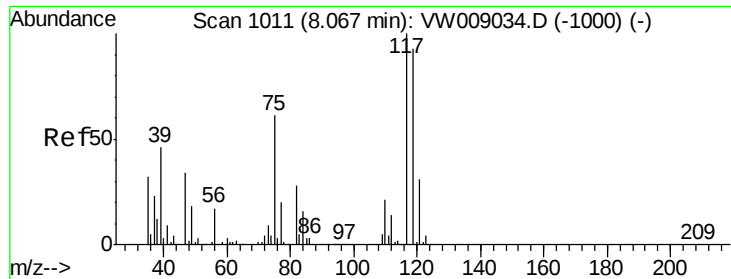
Tot Ion:113 Resp: 145233
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.4
 192 21.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.759 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009060.D
 Acq: 08 Mar 2019 17:43

Tgt Ion: 75 Resp: 22777
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.6 52.9#
 77 0.8 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.618 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

TP-20

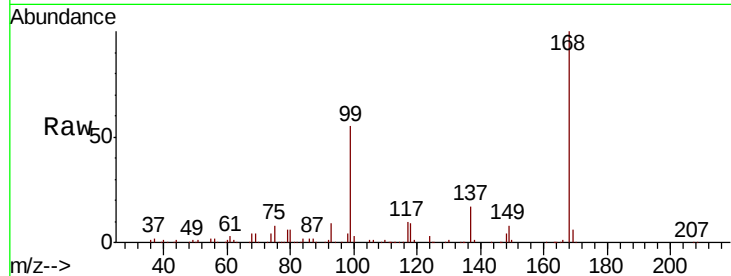
Tot Ion:117 Resp: 27772

Ion Ratio Lower Upper

117 100

119 5.9 74.6 112.0#

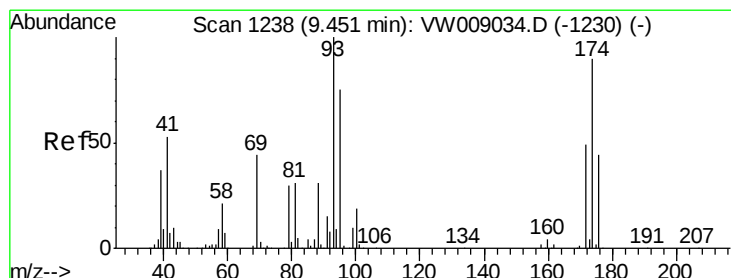
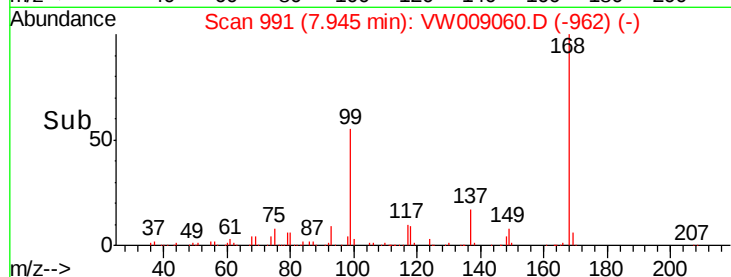
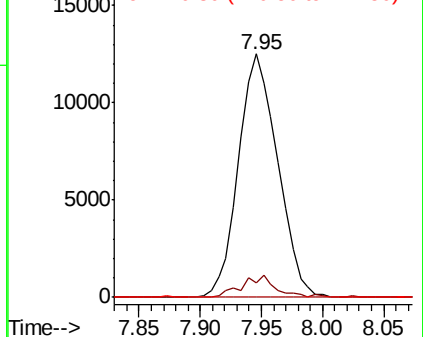
121 0.0 24.7 37.1#



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: 1.798 ug/l

RT: 9.59 min Scan# 1261

Delta R.T. 0.14 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

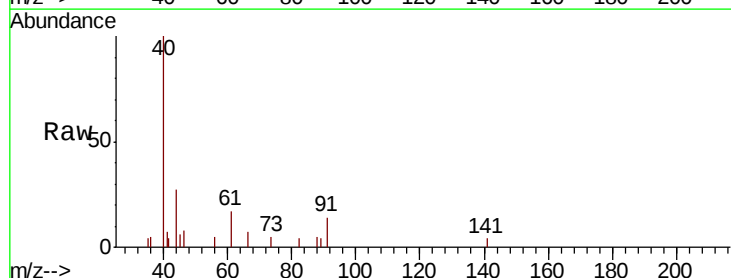
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 240.0 29.0 43.4#

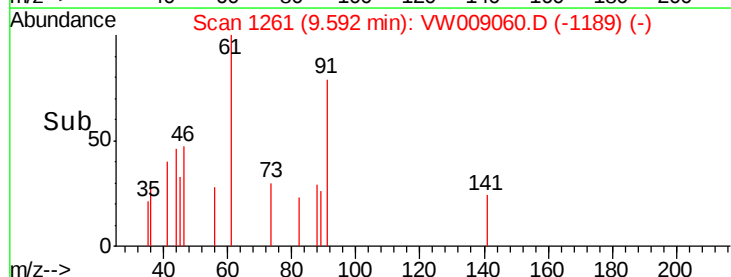
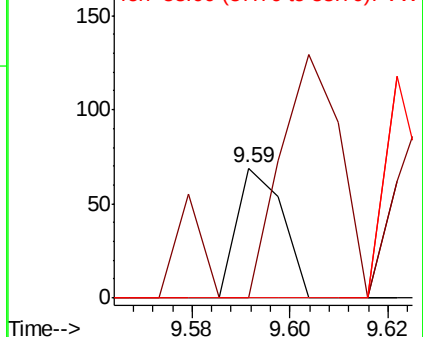
58 0.0 59.2 88.8#

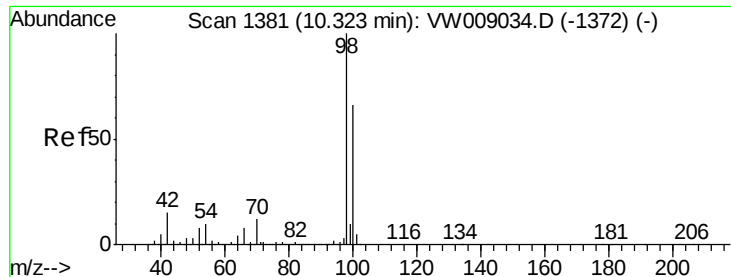


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 48.948 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

Instrument :

MSVOA_W

ClientSampleId :

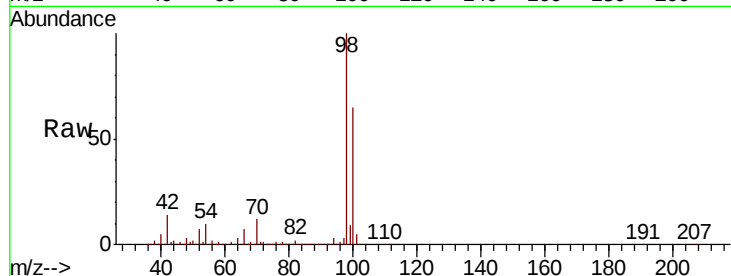
TP-20

Tot Ion: 98 Resp: 554079

Ion Ratio Lower Upper

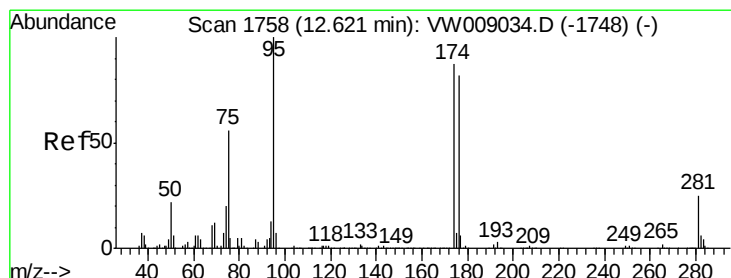
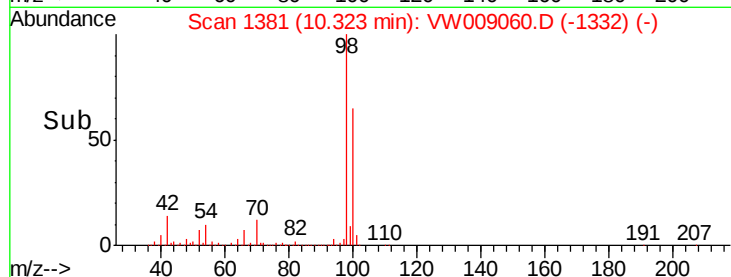
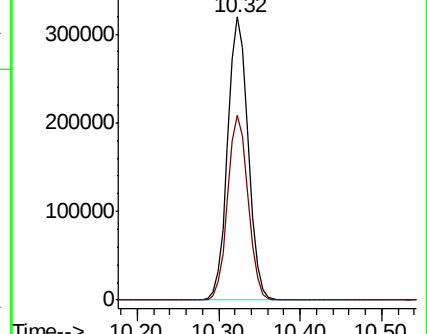
98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.264 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

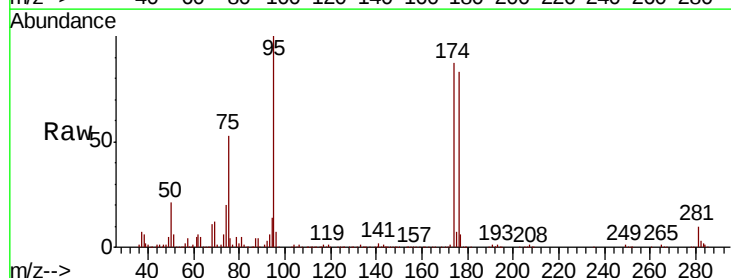
Tgt Ion: 95 Resp: 192789

Ion Ratio Lower Upper

95 100

174 84.2 0.0 167.0

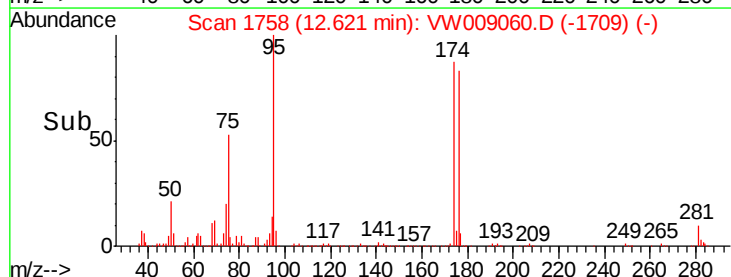
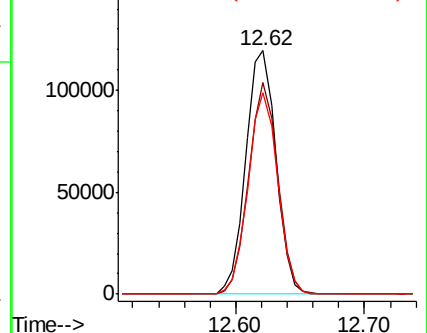
176 81.3 0.0 159.4

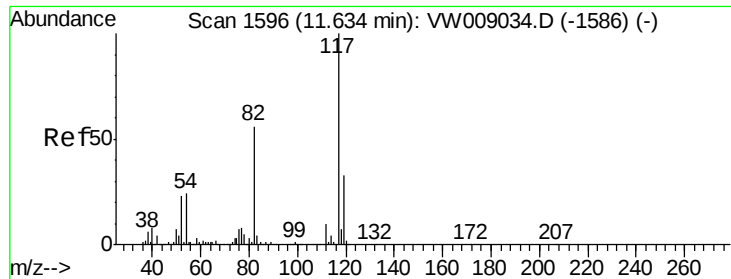


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

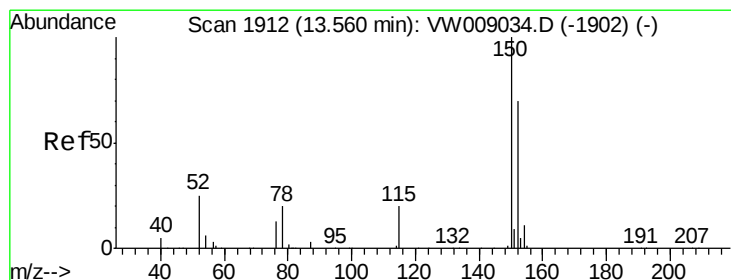
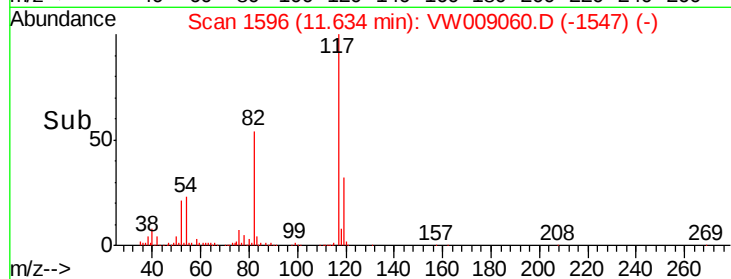
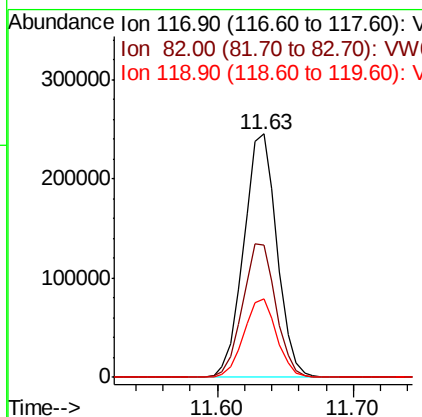
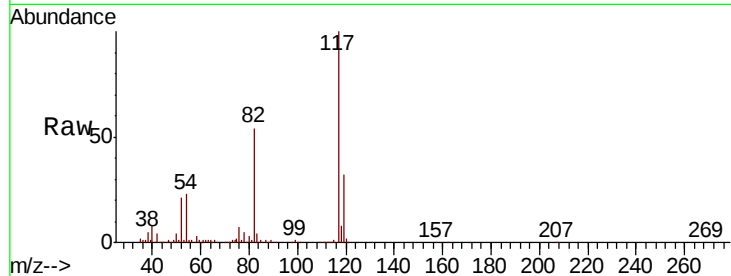




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009060.D
Acq: 08 Mar 2019 17:43

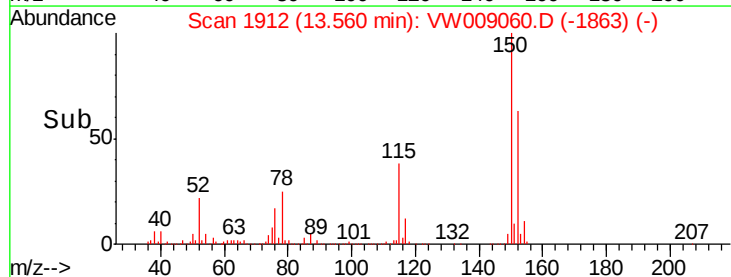
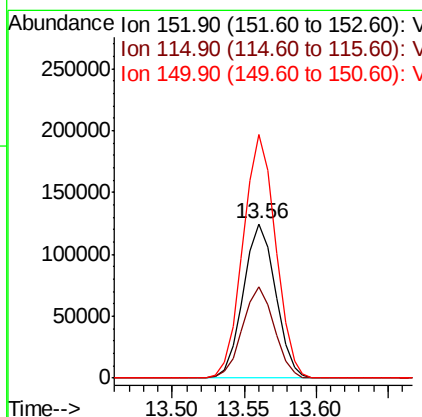
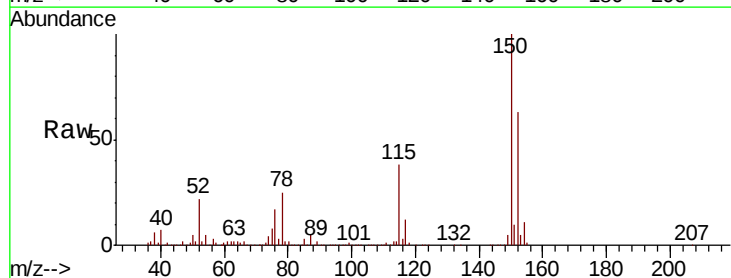
Instrument :
MSVOA_W
ClientSampleId :
TP-20

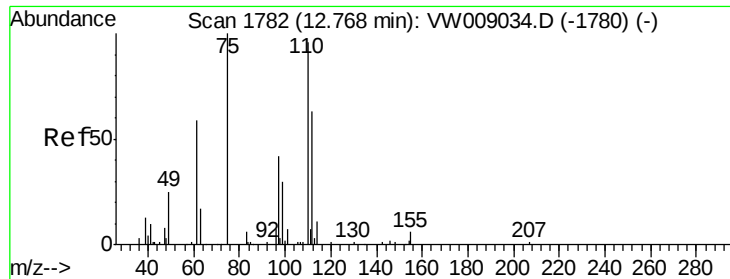
Tot Ion:117 Resp: 418359
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009060.D
Acq: 08 Mar 2019 17:43

Tgt Ion:152 Resp: 193864
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 159.0 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 66.390 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

Instrument :

MSVOA_W

ClientSampled :

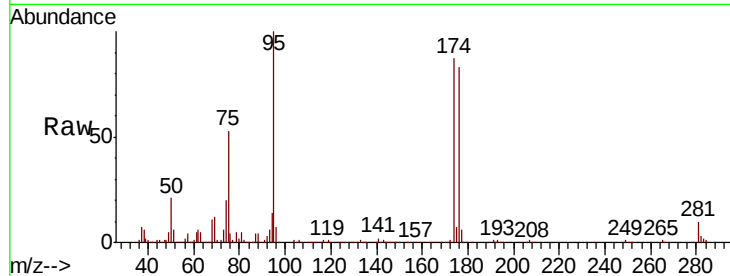
TP-20

Tot Ion: 75 Resp: 101689

Ion Ratio Lower Upper

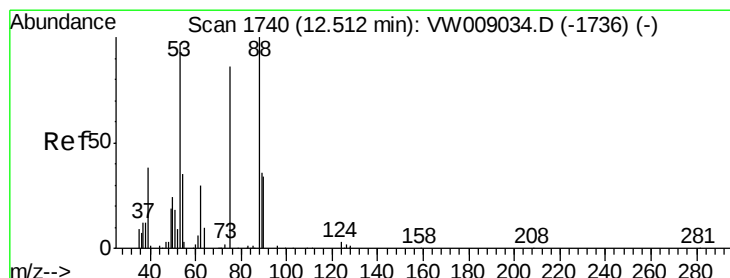
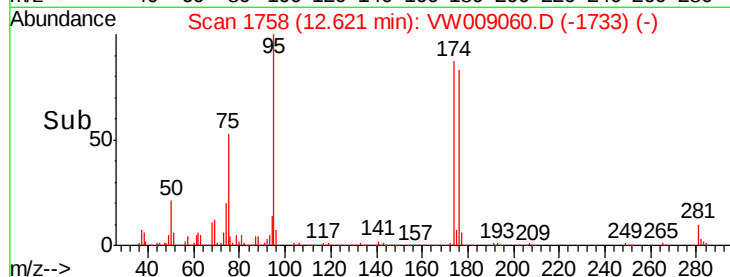
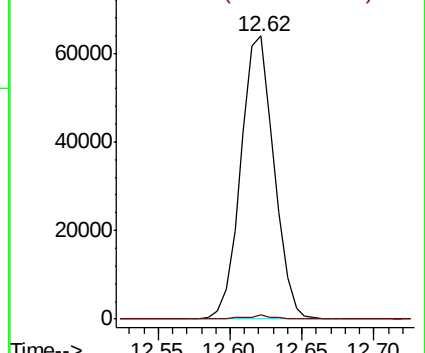
75 100

77 1.2 186.7 560.0#



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: 148.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009060.D

Acq: 08 Mar 2019 17:43

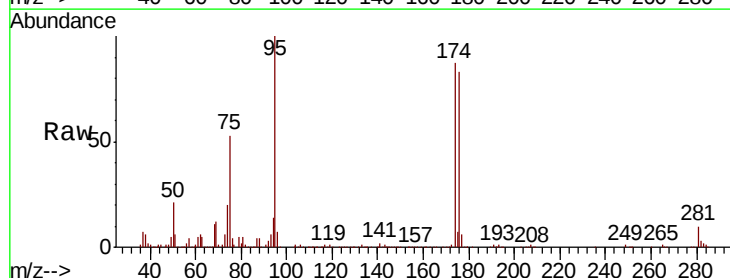
Tgt Ion: 75 Resp: 101689

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.2 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

