

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011981.D
 Acq On : 19 Aug 2019 10:48
 Operator : SY/VA
 Sample : K4380-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 11:15:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59693	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	66358	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.22%		
35) Dibromofluoromethane	7.88	113	55180	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.28%		
50) Toluene-d8	10.32	98	221843	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.34%		
62) 4-Bromofluorobenzene	12.62	95	69700	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.82%		

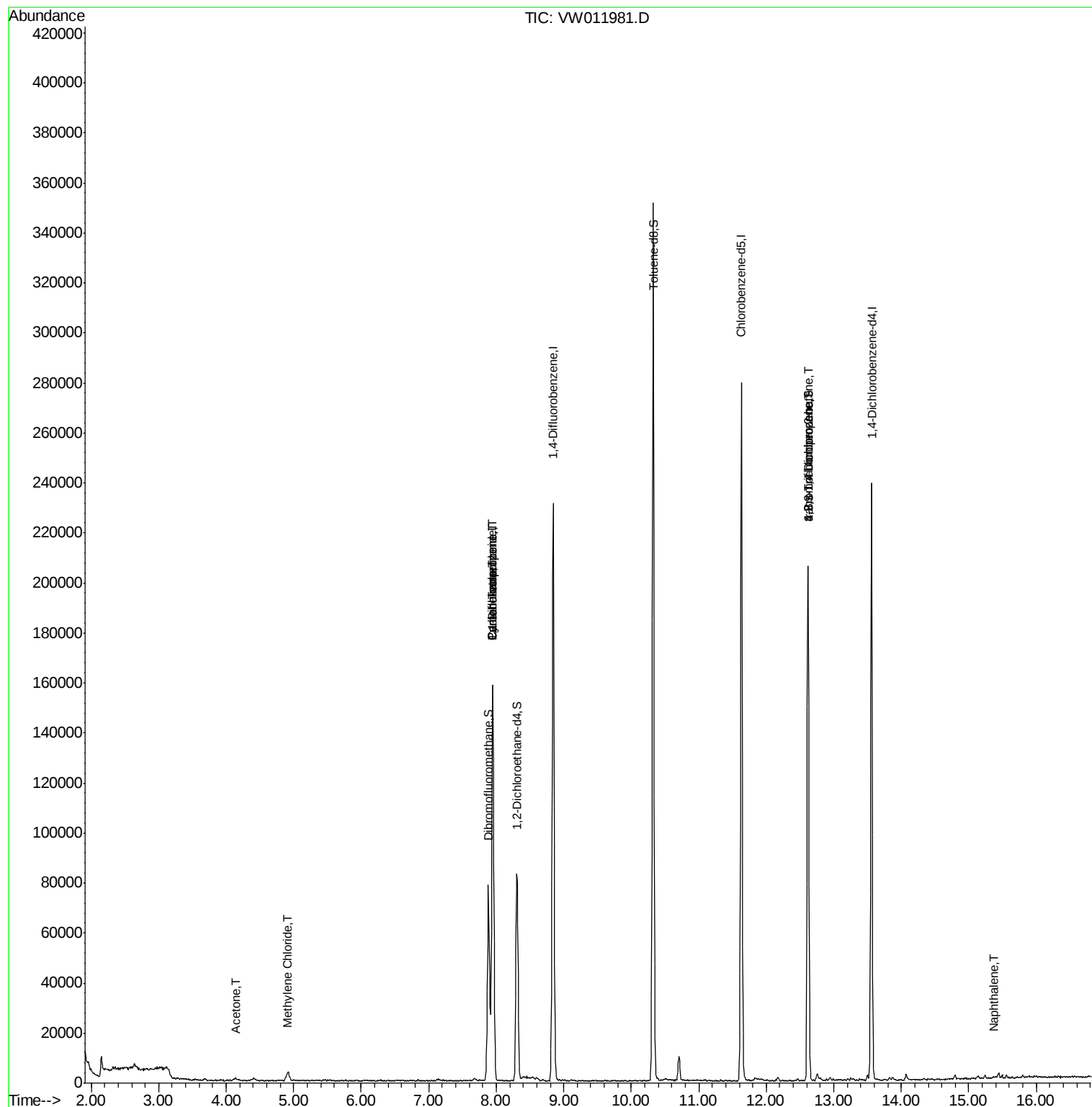
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	91	Below Cal	#	72
16) Acetone	4.14	43	2096	4.876	ug/l	97
20) Methylene Chloride	4.91	84	2280	1.538	ug/l	93
31) Cyclohexane	7.95	56	3174	1.256	ug/l #	6
36) 1,1-Dichloropropene	7.94	75	10052	5.272	ug/l #	53
38) Carbon Tetrachloride	7.95	117	12018	7.363	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	36686	58.082	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36686	133.860	ug/l #	6
95) Naphthalene	15.36	128	655	2.332	ug/l #	87

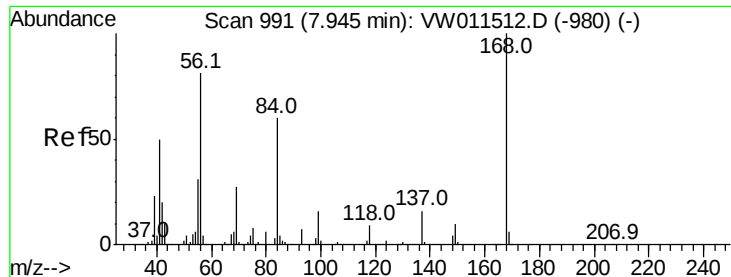
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
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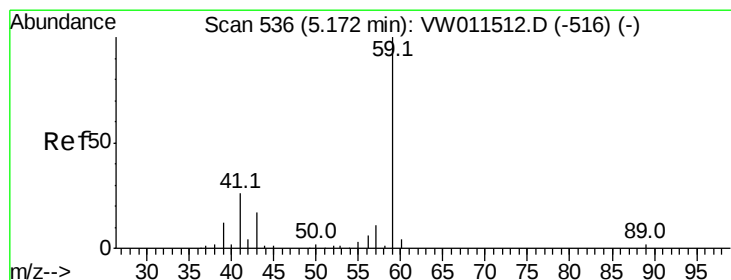
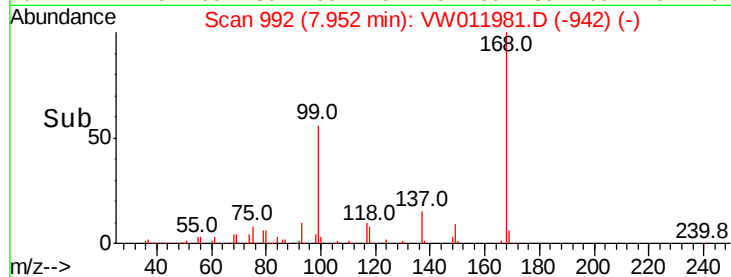
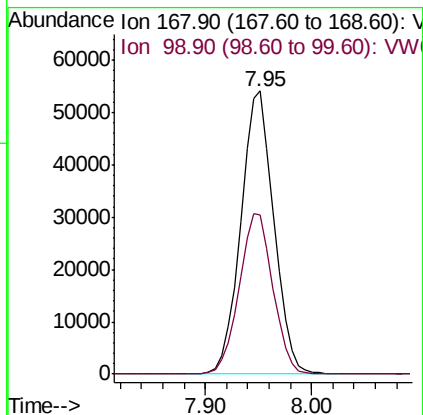
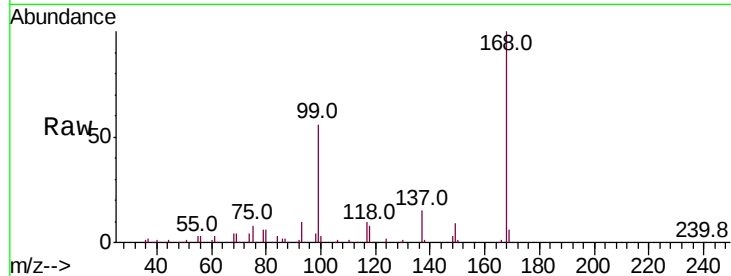


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

Instrument :
 MSVOA_W
 ClientSampled :

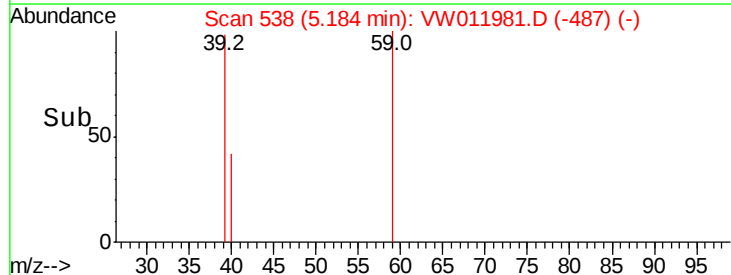
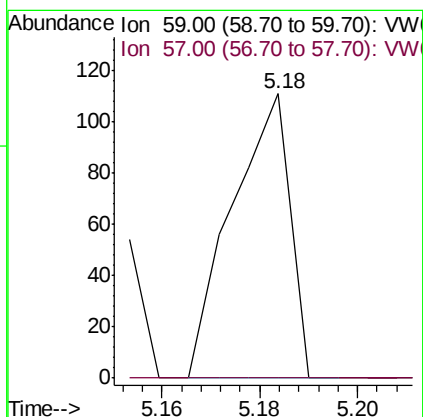
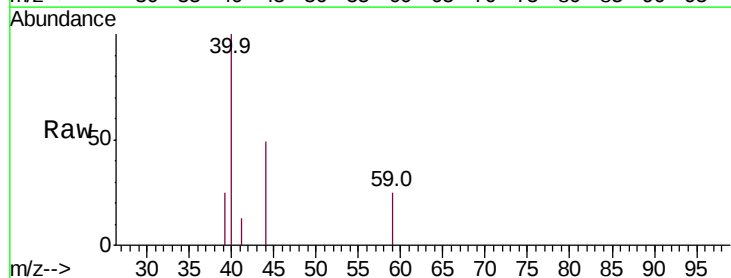
Tot Ion:168 Resp: 117678
 Ion Ratio Lower Upper
 168 100
 99 56.1 48.2 72.4

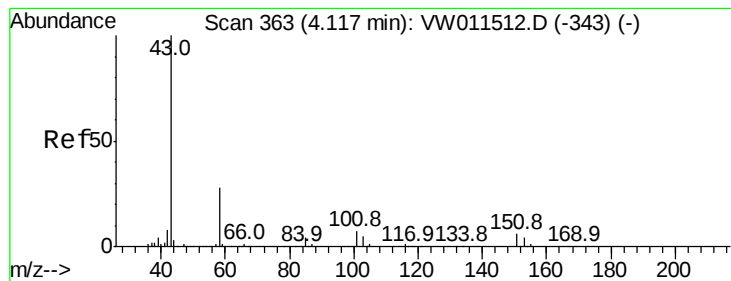


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

Tgt Ion: 59 Resp: 91
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#





#16

Acetone

Concen: 4.876 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

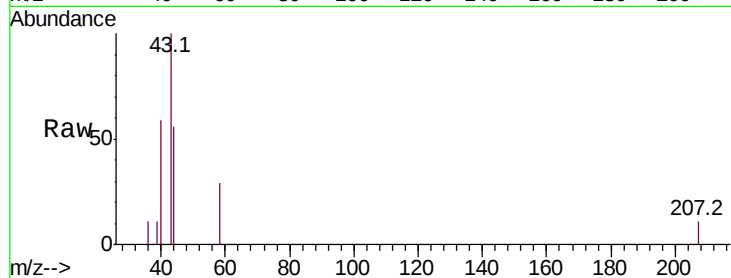
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2096

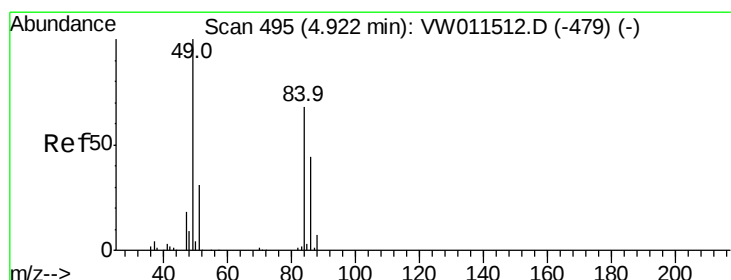
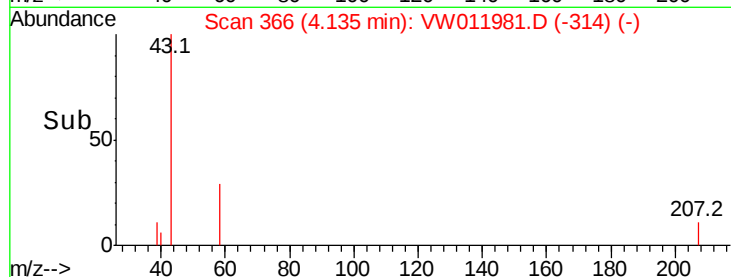
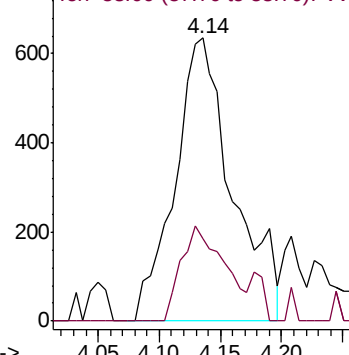
Ion Ratio Lower Upper

43 100

58 29.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.538 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

Tgt Ion: 84 Resp: 2280

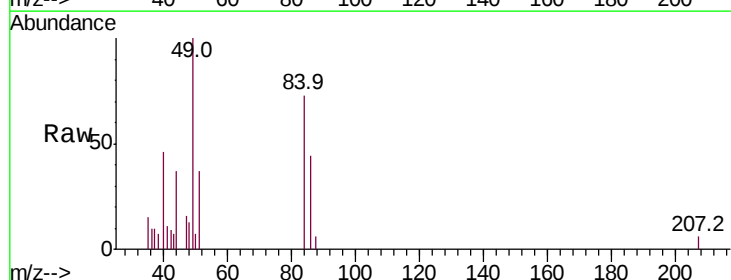
Ion Ratio Lower Upper

84 100

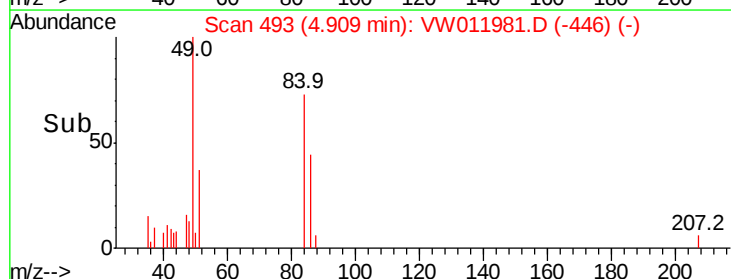
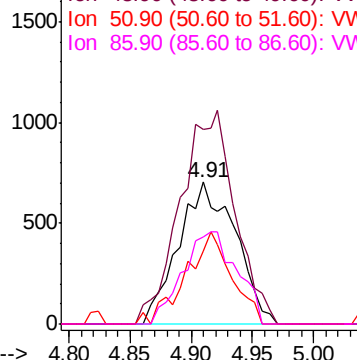
49 137.6 117.8 176.6

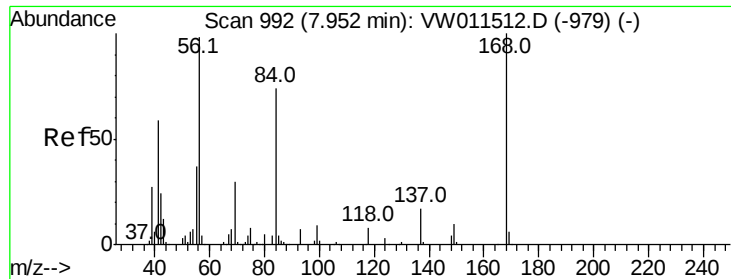
51 51.2 37.0 55.4

86 61.0 51.8 77.8



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

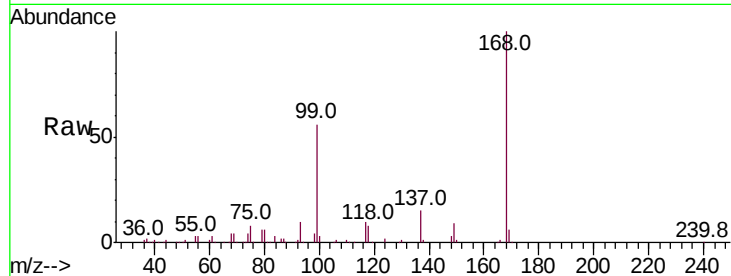




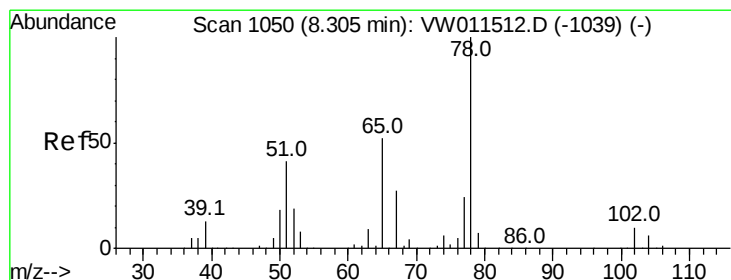
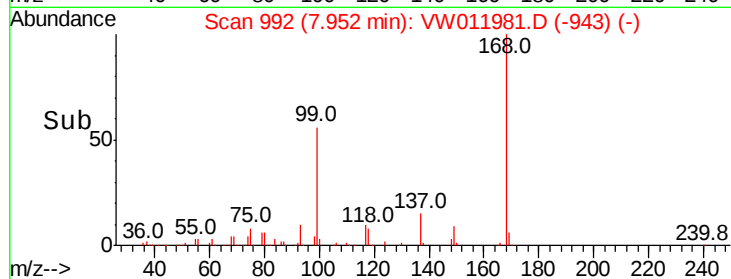
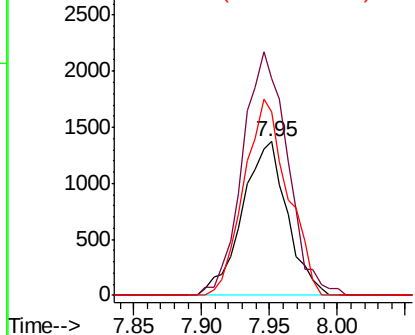
#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 140.7 24.3 36.5#
84 119.1 60.4 90.6#

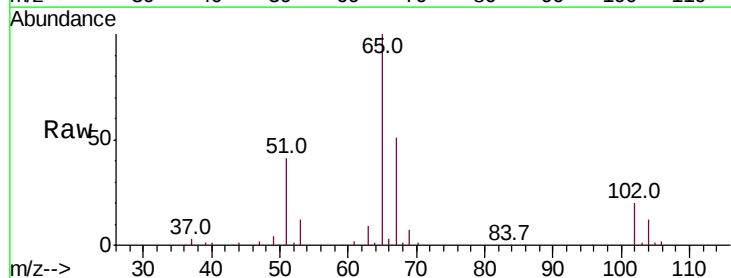


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

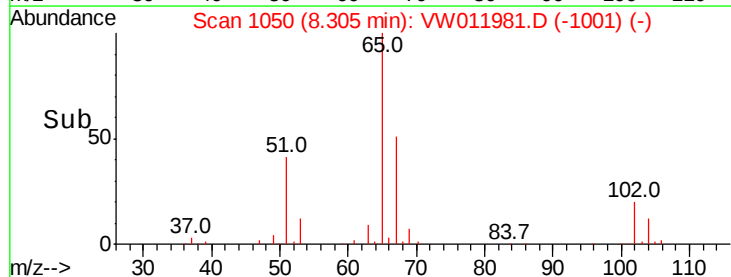
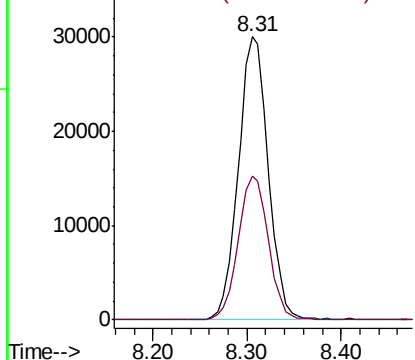


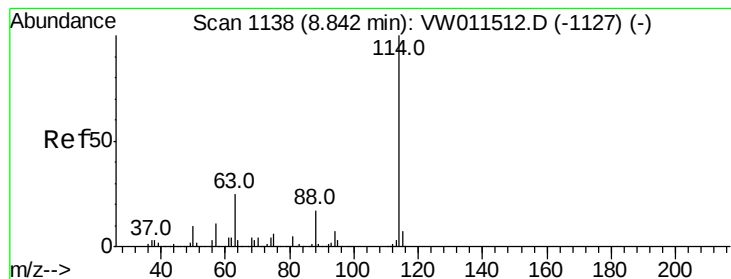
#33
1,2-Dichloroethane-d4
Concen: 49.108 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Tgt Ion: 65 Resp: 66358
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2



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. 0.00 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

Instrument :

MSVOA_W

ClientSampleId :

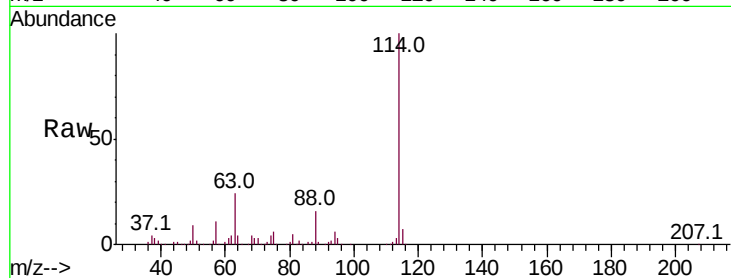
Tot Ion:114 Resp: 183374

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

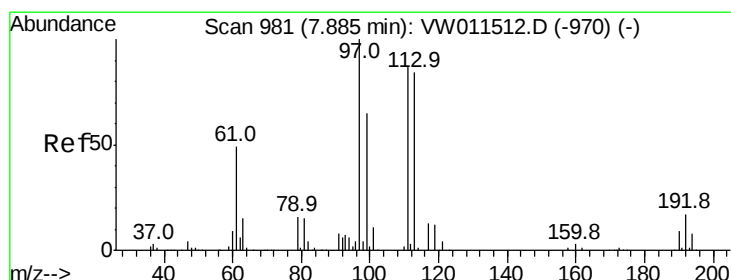
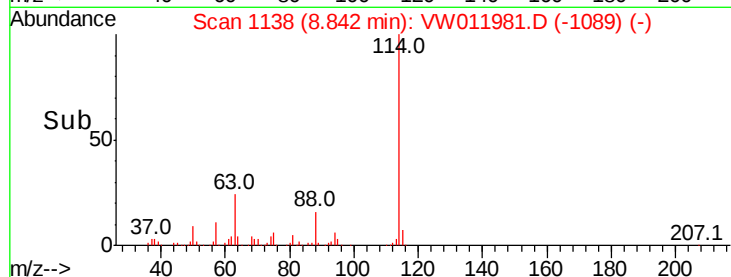
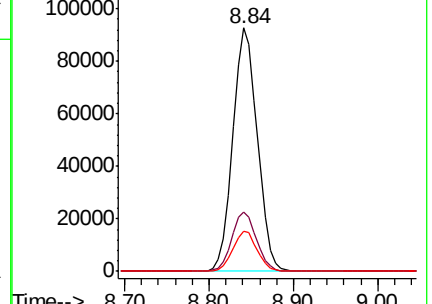
88 16.5 0.0 33.8



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: 53.637 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

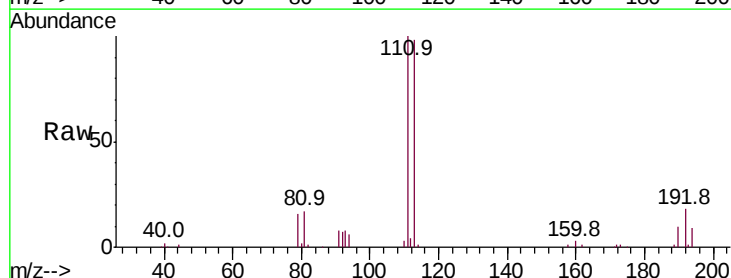
Tgt Ion:113 Resp: 55180

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

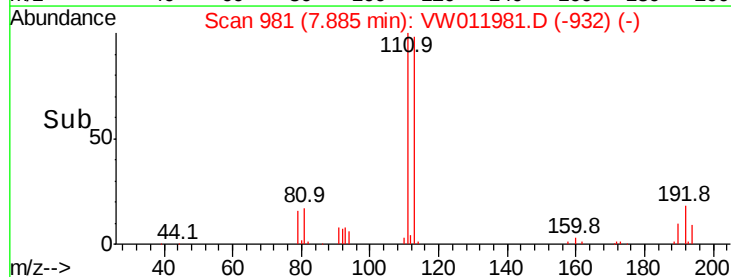
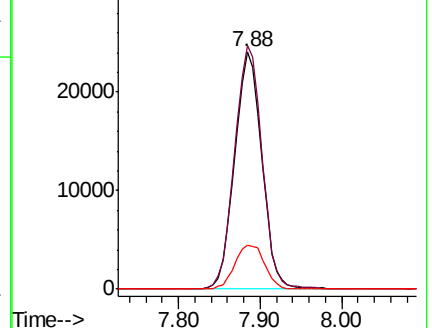
192 20.2 16.1 24.1

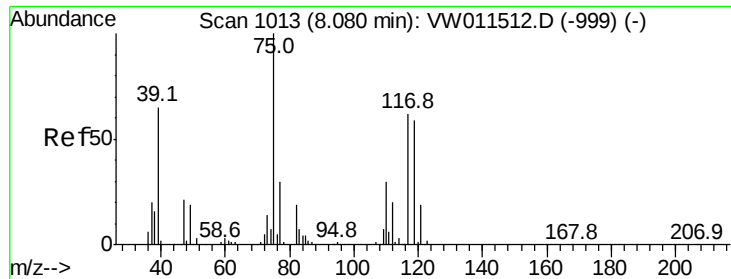


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

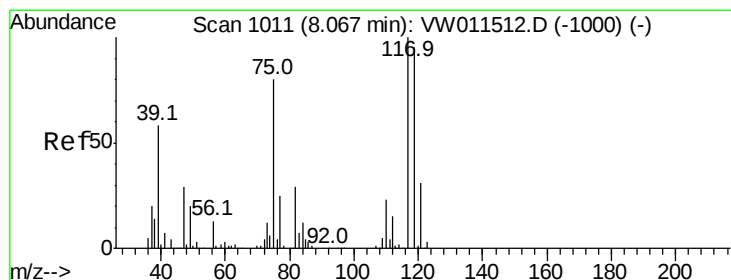
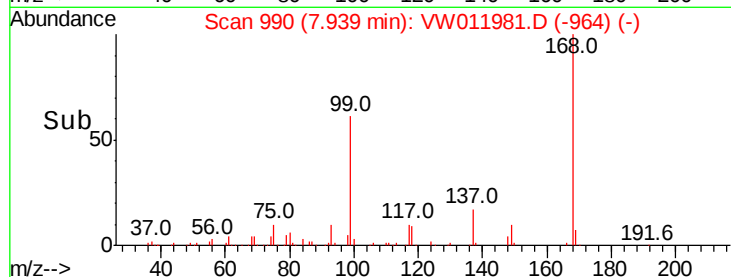
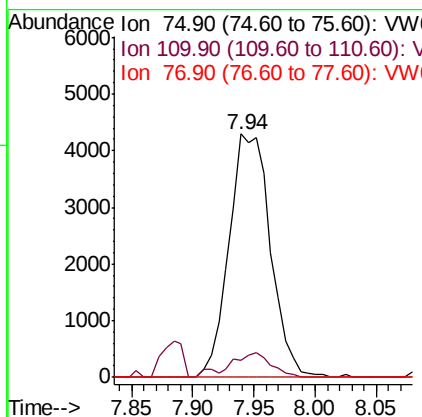
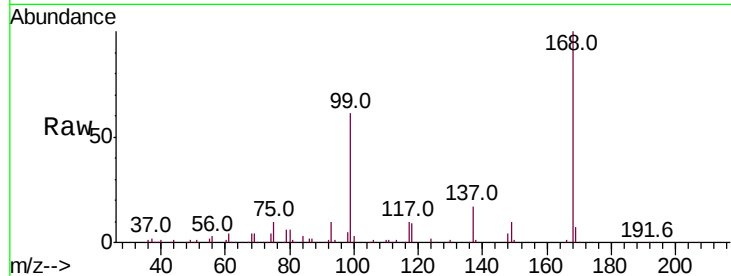




#36
 1,1-Dichloropropene
 Concen: 5.272 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

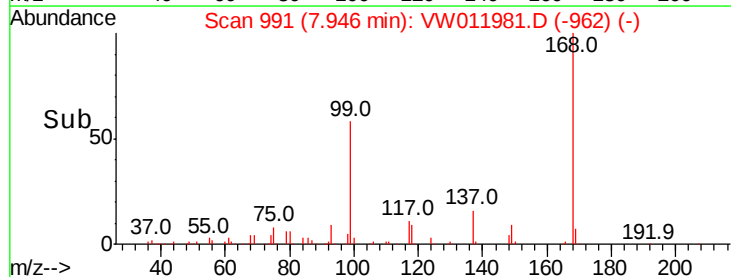
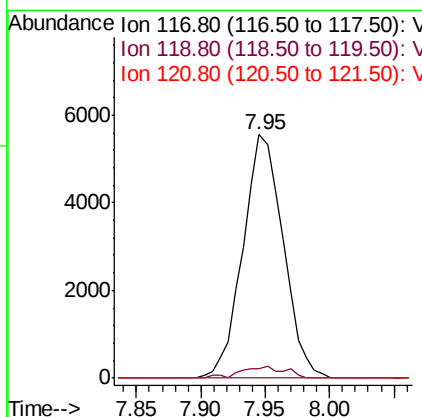
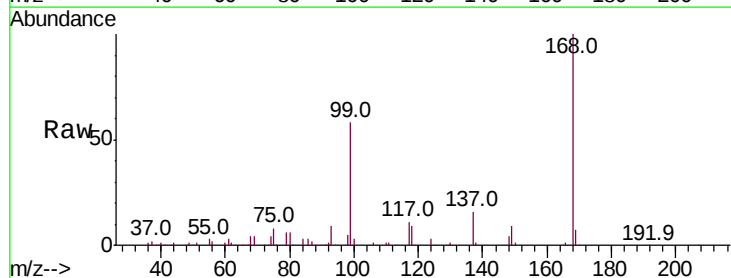
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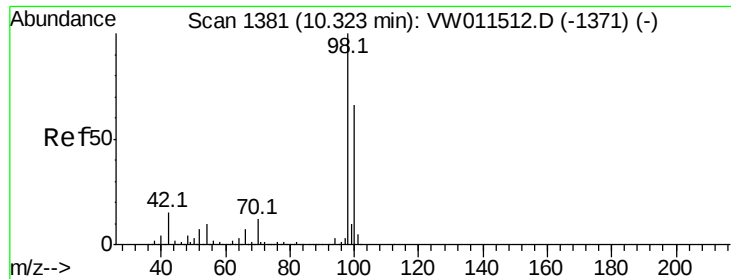
Tot Ion: 75 Resp: 10052
 Ion Ratio Lower Upper
 75 100
 110 10.1 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.363 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

Tgt Ion: 117 Resp: 12018
 Ion Ratio Lower Upper
 117 100
 119 3.9 75.8 113.6#
 121 0.0 24.7 37.1#

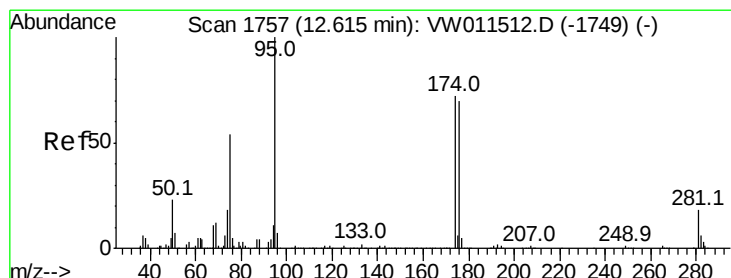
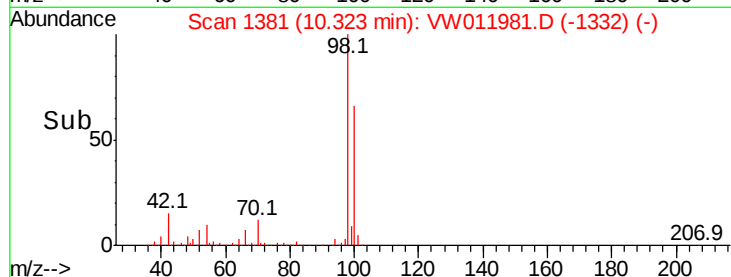
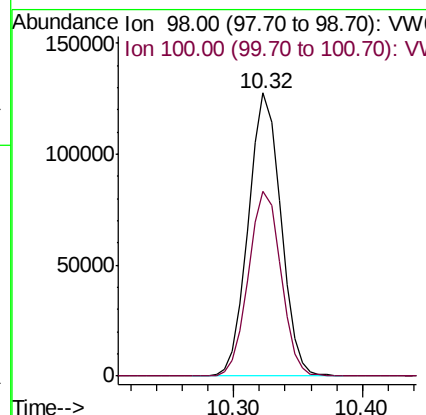
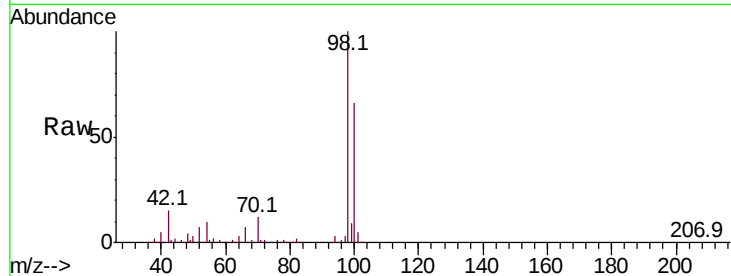




#50
Toluene-d8
Concen: 52.669 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

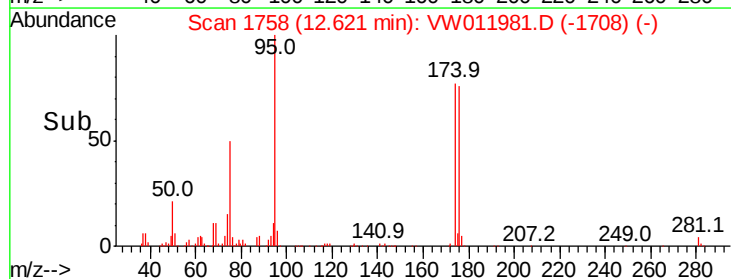
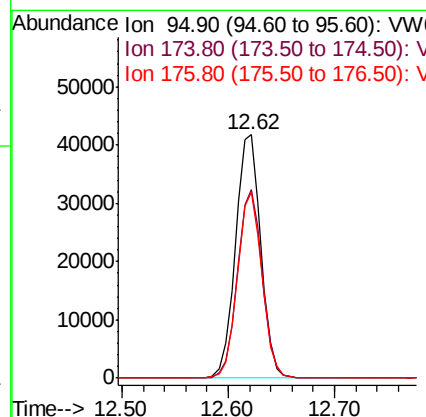
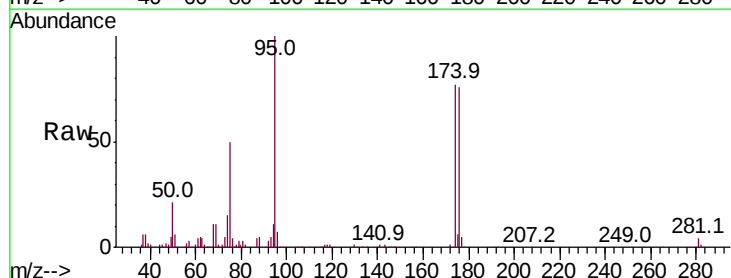
Instrument :
MSVOA_W
ClientSampled :

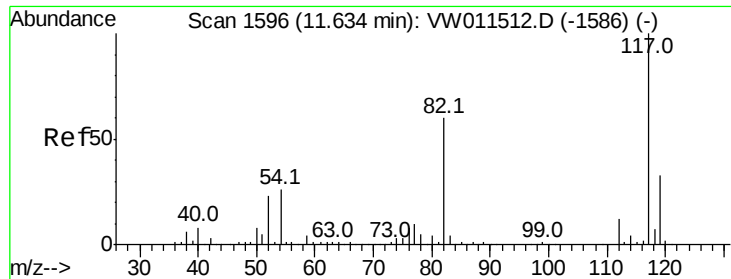
Tot Ion: 98 Resp: 221843
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.415 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Tgt Ion: 95 Resp: 69700
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 74.1 0.0 144.4

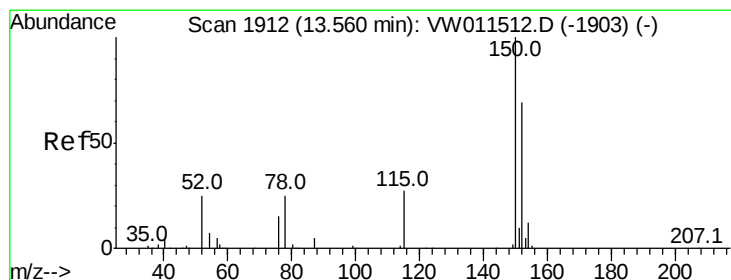
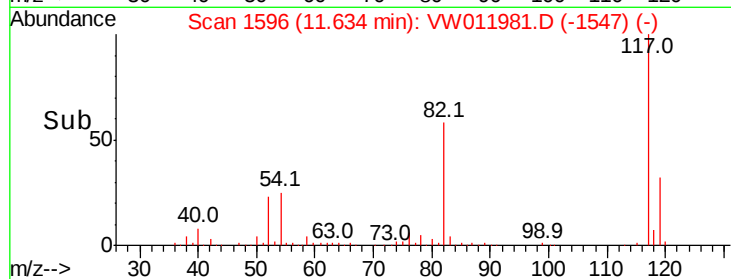
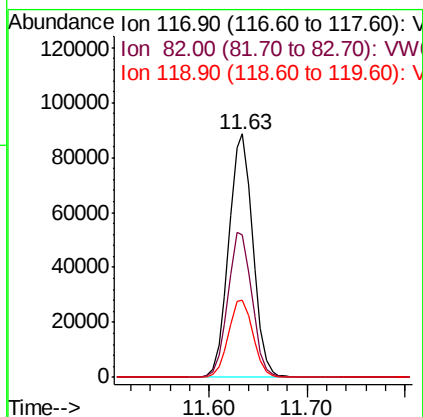
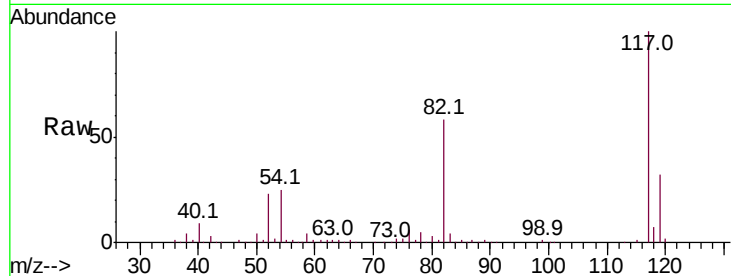




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

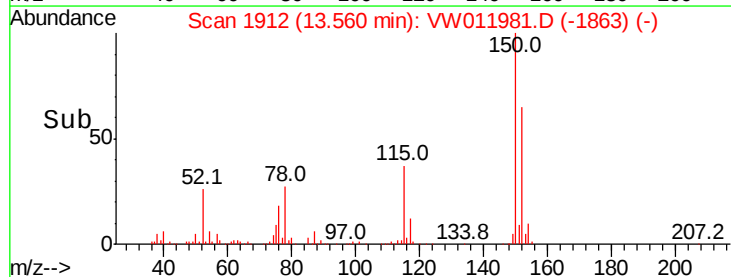
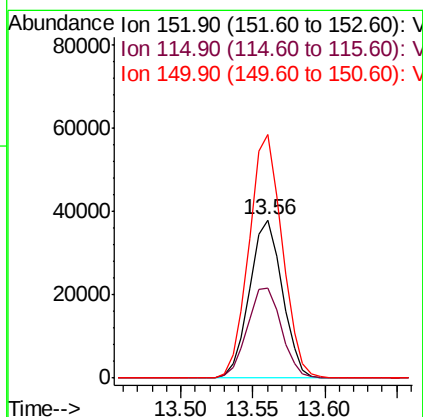
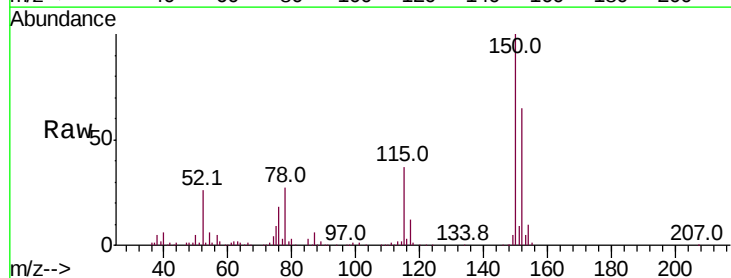
Instrument :
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 ClientSampleId :

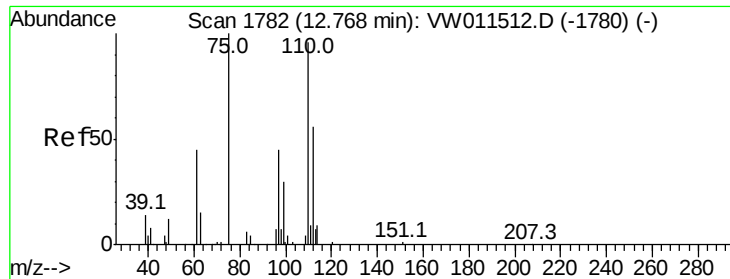
Tot Ion:117 Resp: 151674
 Ion Ratio Lower Upper
 117 100
 82 58.4 47.9 71.9
 119 31.6 26.2 39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011981.D
 Acq: 19 Aug 2019 10:48

Tgt Ion:152 Resp: 59693
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.5 91.5
 150 155.7 0.0 352.6



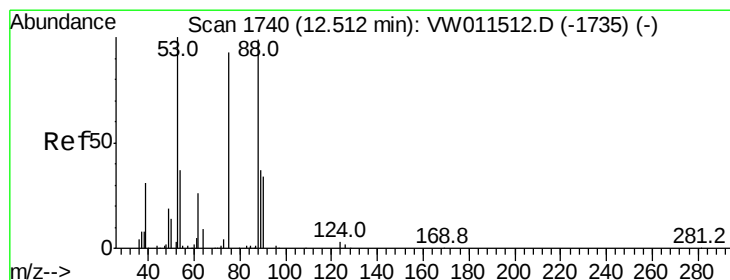
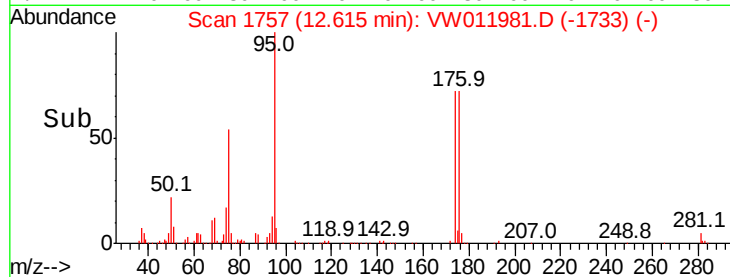
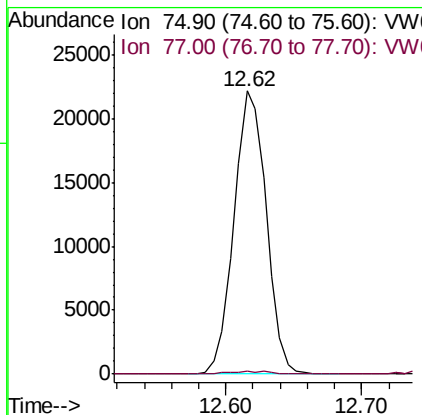
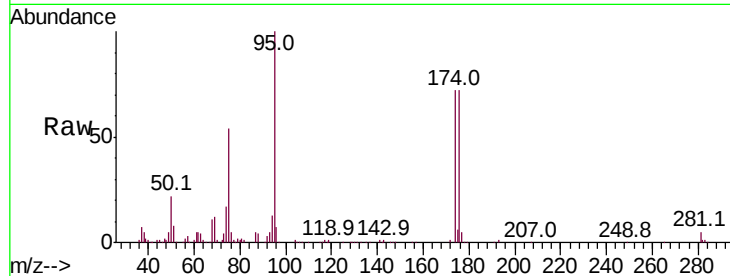


#76

1,2,3-Trichloropropane
Concen: 58.082 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Instrument :
MSVOA_W
ClientSampleId :

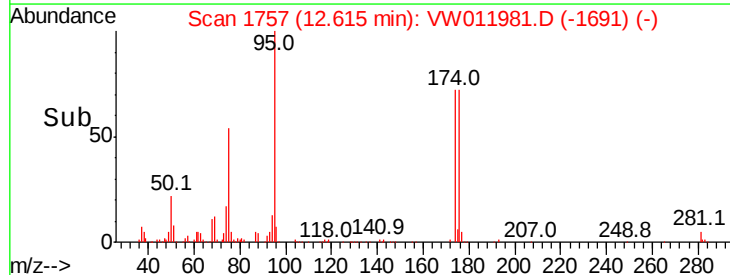
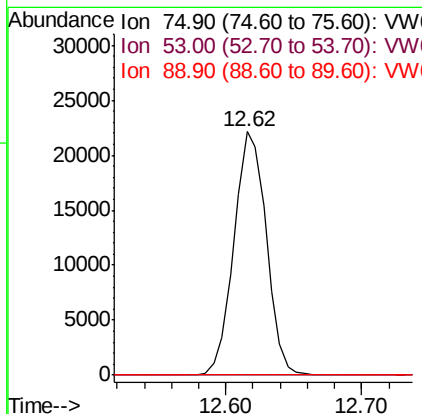
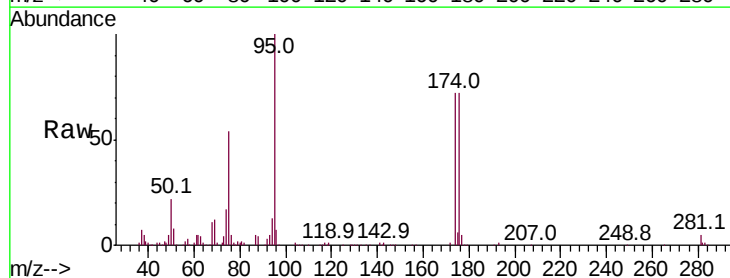
Tot Ion: 75 Resp: 36686
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

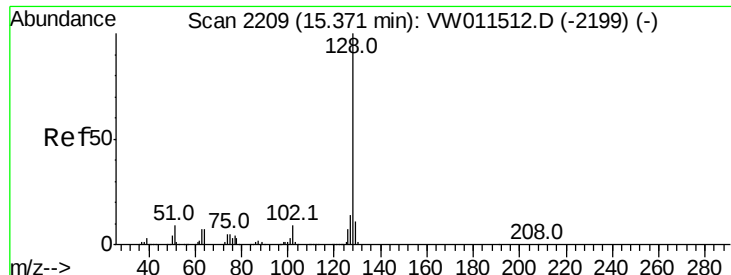


#81

trans-1,4-Dichloro-2-butene
Concen: 133.860 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011981.D
Acq: 19 Aug 2019 10:48

Tgt Ion: 75 Resp: 36686
Ion Ratio Lower Upper
75 100
53 0.0 88.0 132.0#
89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.332 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

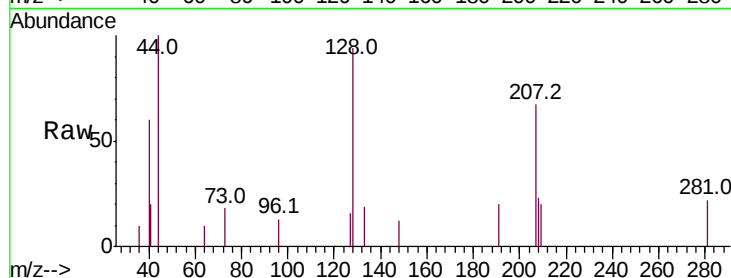
Lab File: VW011981.D

Acq: 19 Aug 2019 10:48

Instrument :

MSVOA_W

ClientSampleId :



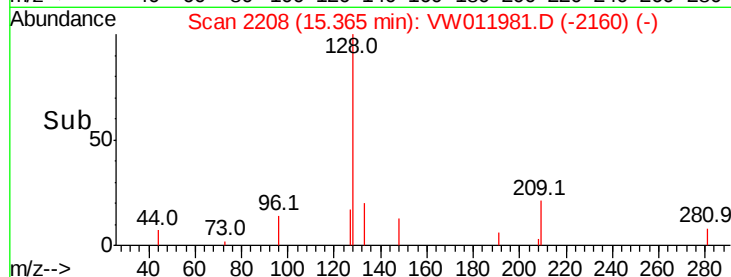
Tot Ion:128 Resp: 655

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 0.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

