

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019583.D
 Acq On : 23 Jul 2021 19:23
 Operator : SY/VA
 Sample : M3129-01
 Misc : 5.05g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:21:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

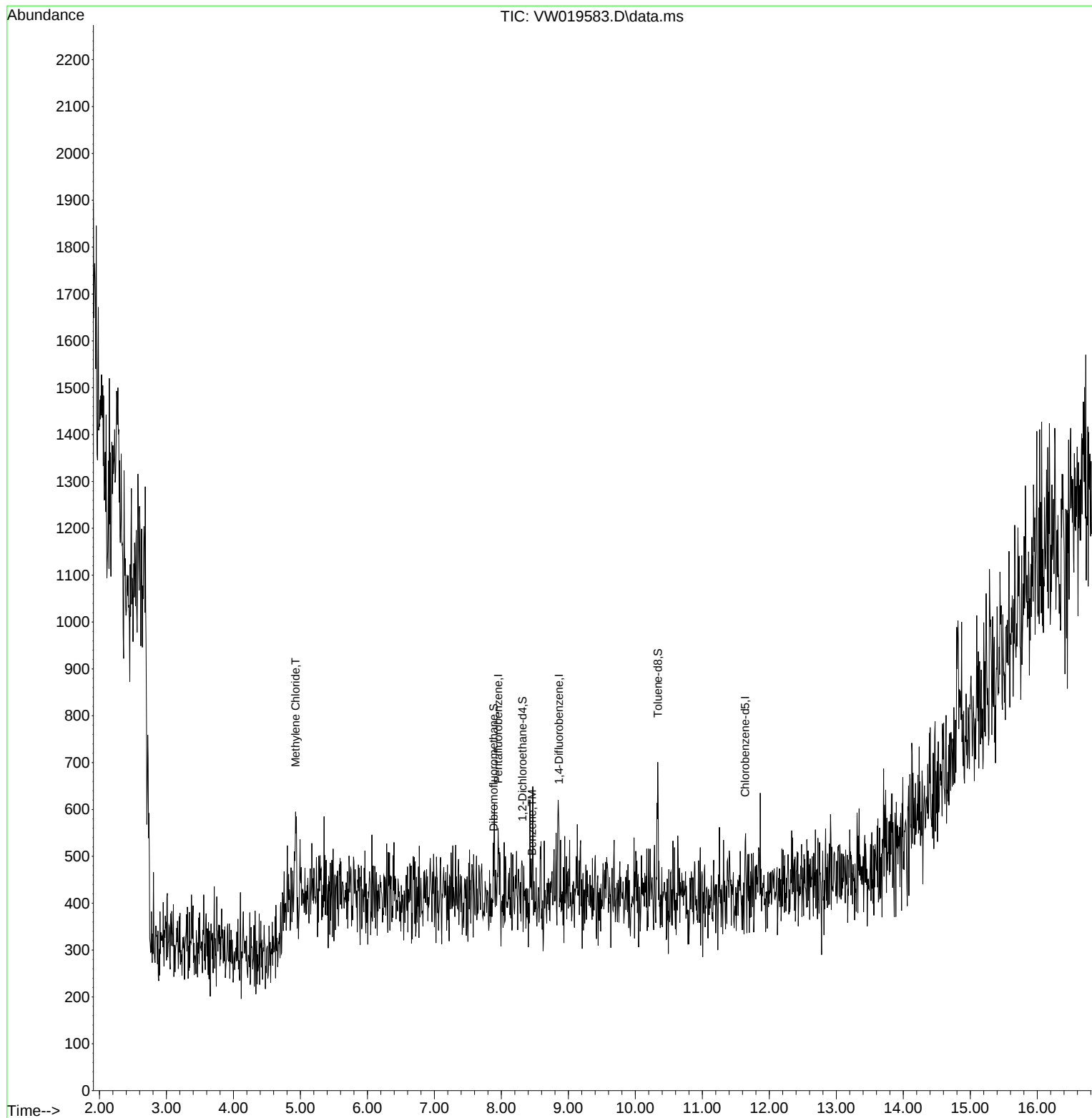
Internal Standards						
1) Pentafluorobenzene	7.951	168	151	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.860	114	230	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.640	117	62	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.317	65	43	27.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.720%
35) Dibromofluoromethane	7.884	113	108	76.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	153.720%#
50) Toluene-d8	10.335	98	282	51.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.927	84	174	101.195	ug/l	# 48
40) Benzene	8.457	78	104	15.155	ug/l	# 51

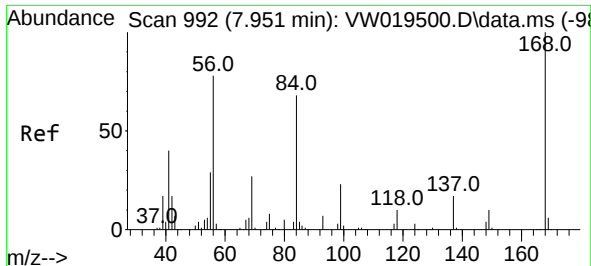
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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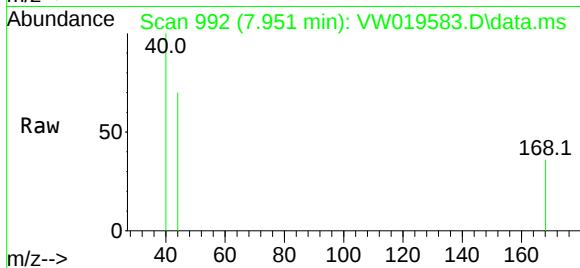
Quant Time: Jul 24 05:21:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration



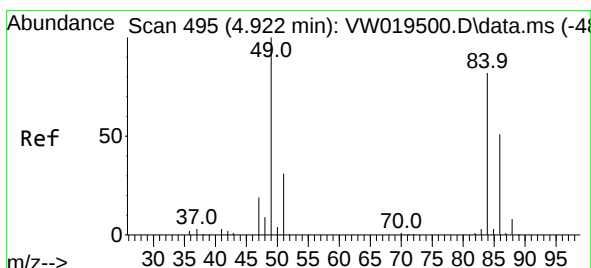
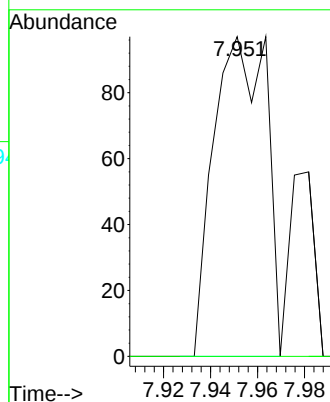
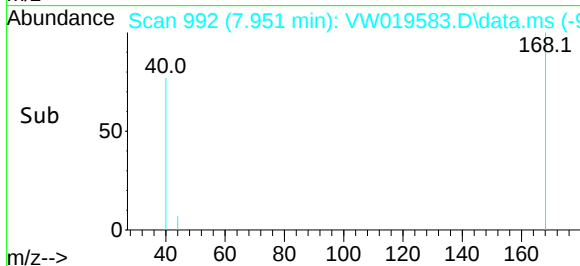


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

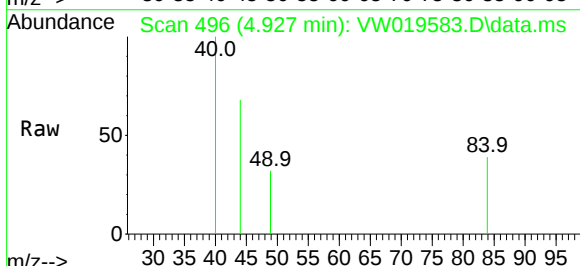
Instrument :
MSVOA_W
ClientSampled :



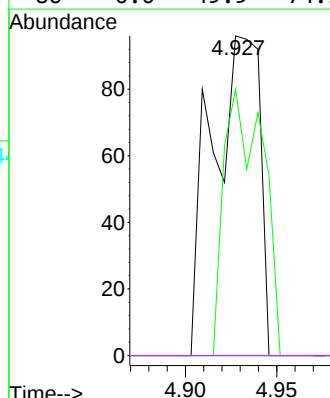
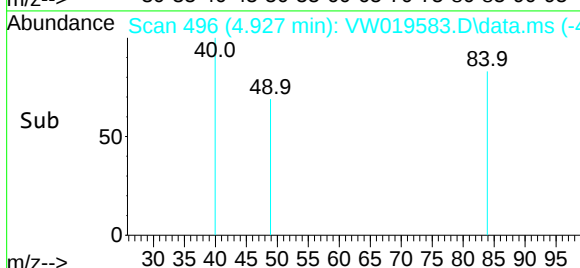
Tgt Ion:168 Resp: 151
Ion Ratio Lower Upper
168 100
99 0.0 51.9 77.9#

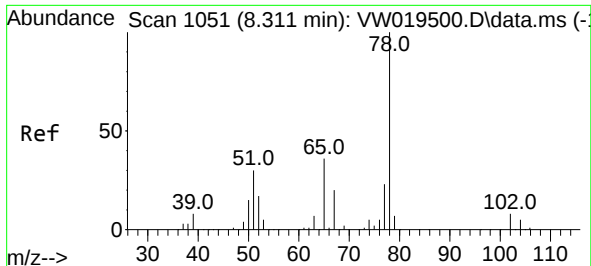


#20
Methylene Chloride
Concen: 101.195 ug/l
RT: 4.927 min Scan# 496
Delta R.T. 0.005 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23



Tgt Ion: 84 Resp: 174
Ion Ratio Lower Upper
84 100
49 83.3 97.2 145.8#
51 0.0 30.1 45.1#
86 0.0 49.9 74.9#

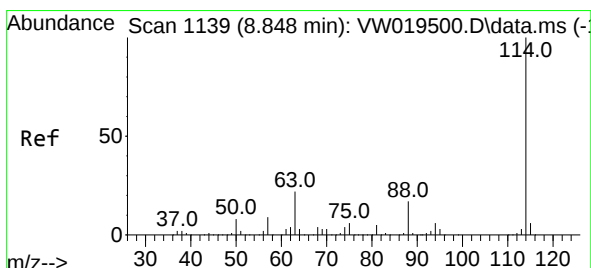
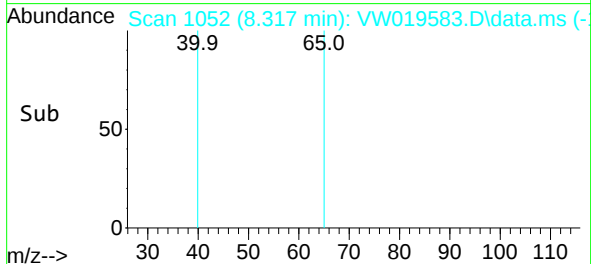
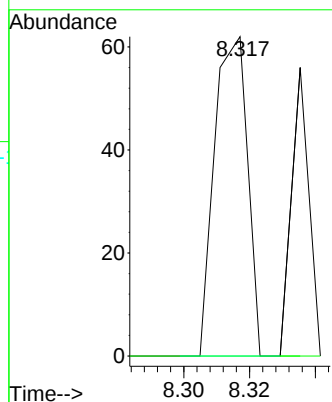
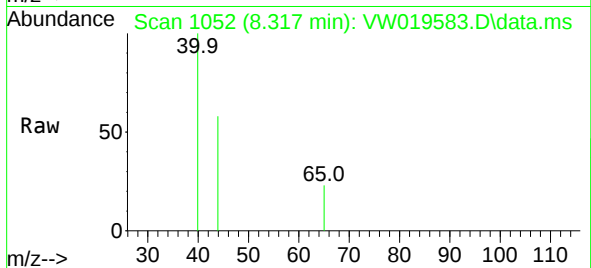




#33
 1,2-Dichloroethane-d4
 Concen: 27.364 ug/l
 RT: 8.317 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VW019583.D
 Acq: 23 Jul 2021 19:23

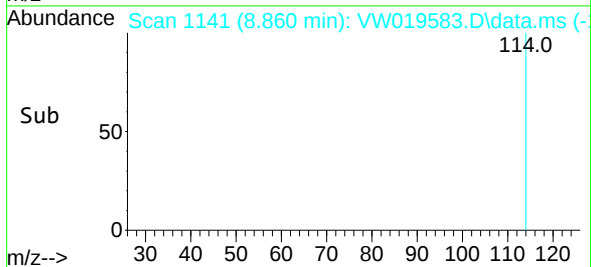
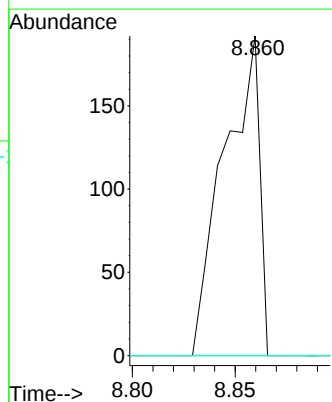
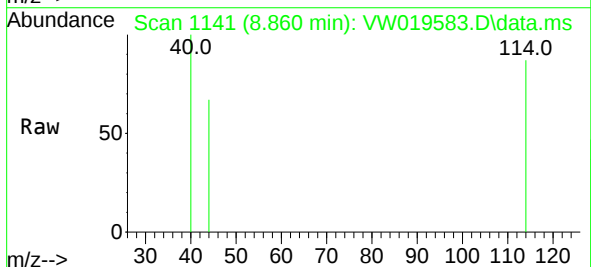
Instrument :
 MSVOA_W
 ClientSampled :

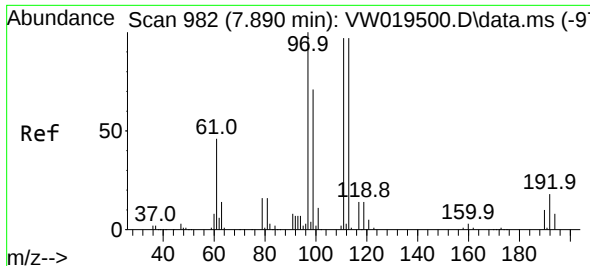
Tgt Ion: 65 Resp: 43
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.860 min Scan# 1141
 Delta R.T. 0.012 min
 Lab File: VW019583.D
 Acq: 23 Jul 2021 19:23

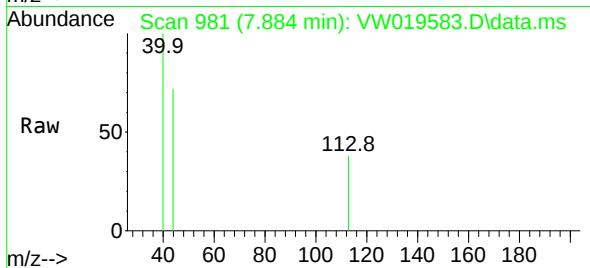
Tgt Ion: 114 Resp: 230
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 43.8
 88 0.0 0.0 33.4



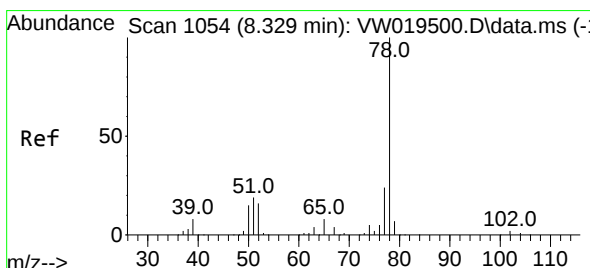
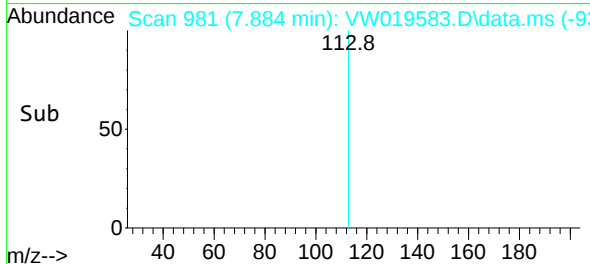
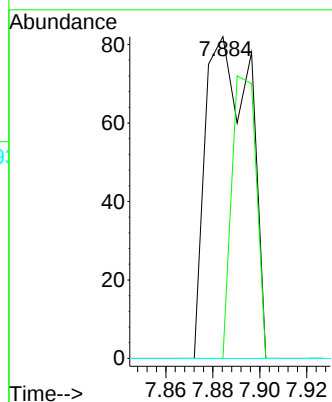


#35
Dibromofluoromethane
Concen: 76.857 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

Instrument :
MSVOA_W
ClientSampled :

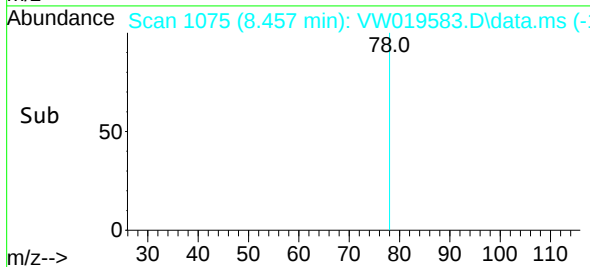
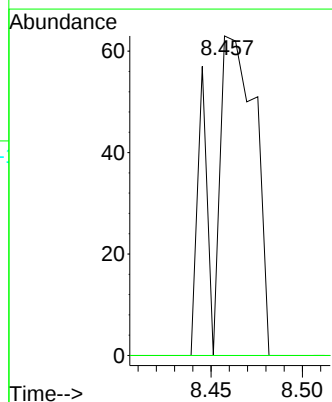
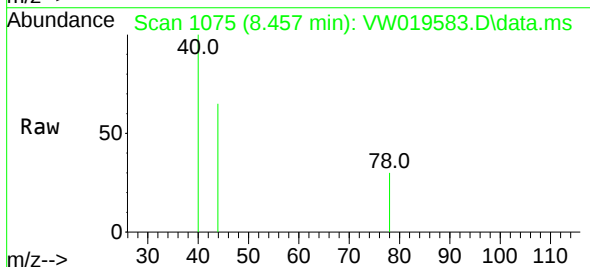


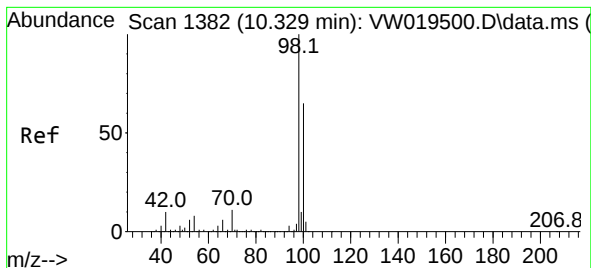
Tgt Ion:113 Resp: 108
Ion Ratio Lower Upper
113 100
111 48.1 83.8 125.6#
192 0.0 15.4 23.2#



#40
Benzene
Concen: 15.155 ug/l
RT: 8.457 min Scan# 1075
Delta R.T. 0.128 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

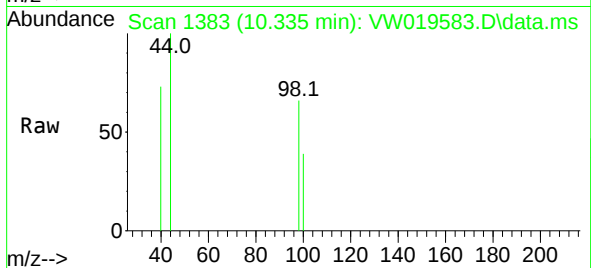
Tgt Ion: 78 Resp: 104
Ion Ratio Lower Upper
78 100
77 0.0 19.2 28.8#



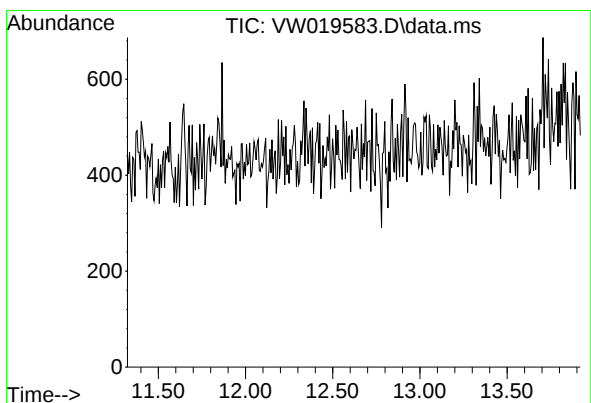
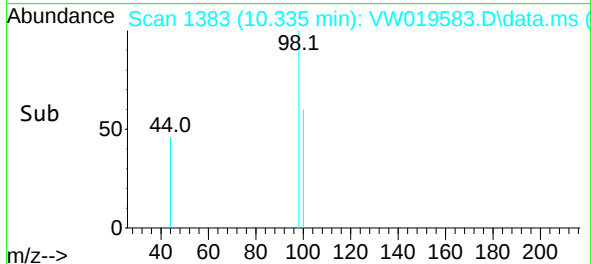
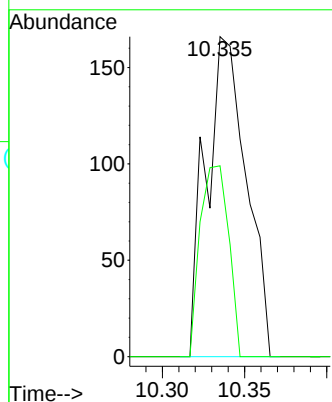


#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.335 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

Instrument :
MSVOA_W
ClientSampled :



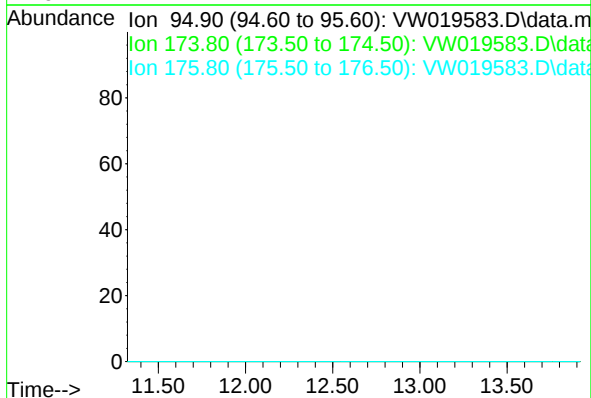
Tgt Ion: 98 Resp: 282
Ion Ratio Lower Upper
98 100
100 42.2 52.2 78.4#



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

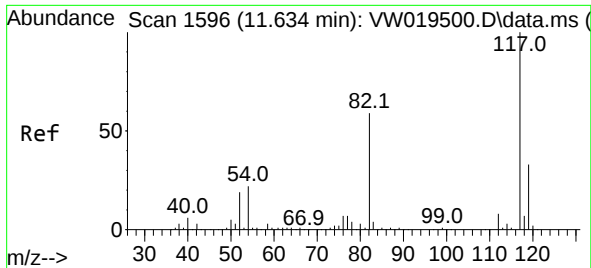
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

Tgt Ion: 95
Sig Exp Ratio
95 100
174 73.3
176 68.4



Ion 173.80 (173.50 to 174.50): VW019583.D\data.ms

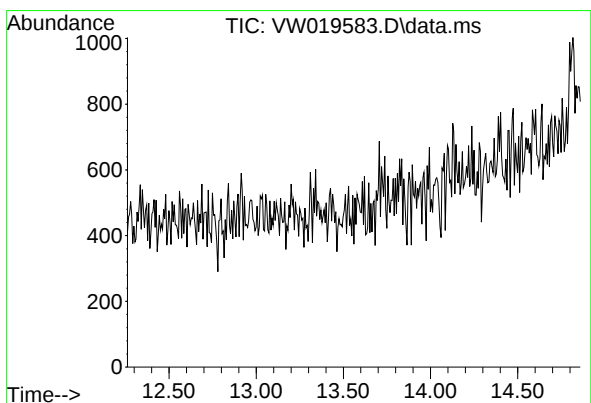
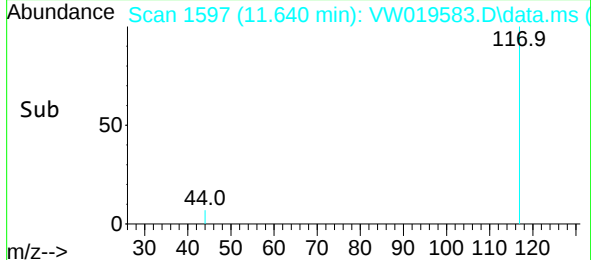
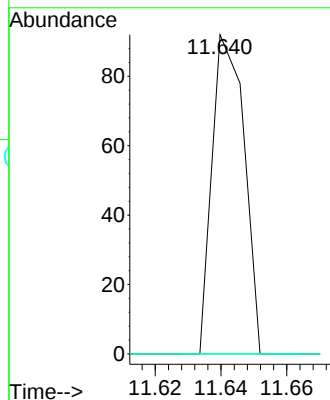
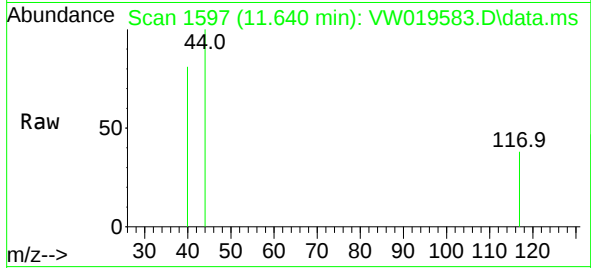
Ion 175.80 (175.50 to 176.50): VW019583.D\data.ms



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.640 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

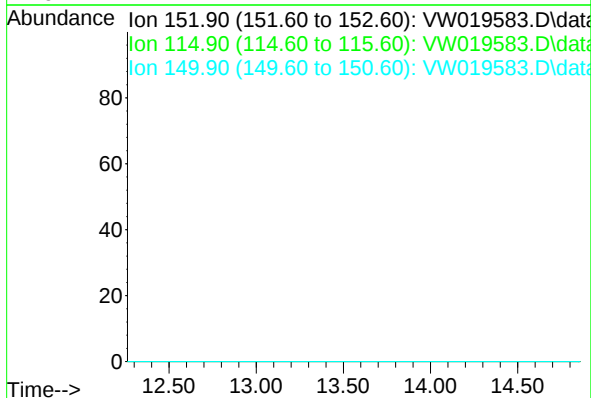
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
82 0.0 47.4 71.0#
119 0.0 26.6 39.8#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min

Lab File: VW019583.D
Acq: 23 Jul 2021 19:23

Tgt Ion: 152
Sig Exp Ratio
152 100
115 61.2
150 171.2



Ion 114.90 (114.60 to 115.60): VW019583.D\data.ms

Ion 149.90 (149.60 to 150.60): VW019583.D\data.ms